Astrodienst Ephemeris Tables

from the year 700 for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 700
geocentric

JANUARY 700 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 51 27	13♑37'36	5♓17	28°R41	29♏23	7♑48	24♍20	2♓56	4°R31	23♒57	12°R16	9°R49	8♊30	15♑45	8°R46	T 1
F 2	6 55 24	14°38'39	17°32	28♑28	0♐10	8°35	24°21	3° 1	4♌28	23°58	12♋14	9♊44	8°26	15°51	8♉45	F 2
S 3	6 59 20	15°39'42	29°59	28° 4	0°57	9°22	24°21	3° 7	4°26	24° 0	12°13	9°41	8°23	15°58	8°44	S 3
S 4	7 3 17	16°40'43	12♈43	27°28	1°46	10° 9	24°22	3°13	4°23	24° 2	12°12	9°D40	8°20	16° 5	8°44	S 4
M 5	7 7 13	17°41'43	25°48	26°42	2°35	10°55	24°22	3°19	4°21	24° 4	12°10	9°40	8°17	16°11	8°43	M 5
T 6	7 11 10	18°42'41	9♉17	25°47	3°25	11°42	24°R22	3°25	4°18	24° 6	12° 9	9°41	8°14	16°18	8°43	T 6
W 7	7 15 6	19°43'39	23°13	24°44	4°16	12°29	24°22	3°31	4°16	24° 8	12° 8	9°43	8°11	16°25	8°42	W 7
T 8	7 19 3	20°44'35	7♊35	23°35	5° 8	13°16	24°22	3°37	4°13	24°10	12° 6	9°R44	8° 7	16°31	8°42	T 8
F 9	7 23 0	21°45'30	22°22	22°23	6° 0	14° 3	24°22	3°43	4°11	24°12	12° 5	9°43	8° 4	16°38	8°41	F 9
S 10	7 26 56	22°46'23	7♋28	21° 9	6°53	14°50	24°21	3°50	4° 8	24°14	12° 4	9°40	8° 1	16°45	8°41	S 10
S 11	7 30 53	23°47'16	22°45	19°55	7°47	15°37	24°20	3°56	4° 6	24°16	12° 2	9°36	7°58	16°51	8°41	S 11
M12	7 34 49	24°48'07	8♌ 2	18°44	8°41	16°24	24°19	4° 2	4° 3	24°18	12° 1	9°29	7°55	16°58	8°40	M12
T 13	7 38 46	25°48'57	23° 9	17°37	9°36	17°11	24°18	4° 9	4° 1	24°20	12° 0	9°22	7°52	17° 5	8°40	T 13
W14	7 42 42	26°49'45	7♍56	16°36	10°31	17°58	24°16	4°15	3°58	24°22	11°59	9°15	7°48	17°11	8°40	W14
T 15	7 46 39	27°50'33	22°16	15°42	11°27	18°45	24°15	4°21	3°55	24°24	11°57	9° 8	7°45	17°18	8°40	T 15
F 16	7 50 35	28°51'19	6♎ 6	14°55	12°24	19°32	24°13	4°28	3°53	24°26	11°56	9° 4	7°42	17°25	8°D40	F 16
S 17	7 54 32	29°52'05	19°27	14°16	13°21	20°19	24°11	4°35	3°50	24°28	11°55	9° 1	7°39	17°31	8°40	S 17
S 18	7 58 29	0♒52'49	2♏21	13°45	14°19	21° 6	24° 9	4°41	3°48	24°30	11°53	9°D 1	7°36	17°38	8°40	S 18
M19	8 2 25	1°53'32	14°52	13°23	15°17	21°53	24° 7	4°48	3°45	24°32	11°52	9° 1	7°32	17°45	8°40	M19
T 20	8 6 22	2°54'14	27° 5	13° 8	16°15	22°40	24° 4	4°55	3°42	24°35	11°51	9° 3	7°29	17°51	8°41	T 20
W21	8 10 18	3°54'55	9♐ 6	13°D 2	17°14	23°27	24° 1	5° 1	3°40	24°37	11°50	9°R 3	7°26	17°58	8°41	W21
T 22	8 14 15	4°55'35	20°58	13° 2	18°14	24°15	23°59	5° 8	3°37	24°39	11°49	9° 2	7°23	18° 5	8°41	T 22
F 23	8 18 11	5°56'13	2♑46	13°10	19°14	25° 2	23°55	5°15	3°34	24°41	11°47	8°59	7°20	18°11	8°42	F 23
S 24	8 22 8	6°56'50	14°33	13°24	20°14	25°49	23°52	5°22	3°32	24°43	11°46	8°53	7°17	18°18	8°42	S 24
S 25	8 26 4	7°57'26	26°23	13°44	21°15	26°36	23°49	5°29	3°29	24°45	11°45	8°45	7°13	18°25	8°43	S 25
M26	8 30 1	8°58'00	8♒17	14° 9	22°16	27°23	23°45	5°36	3°27	24°48	11°44	8°35	7°10	18°32	8°43	M26
T 27	8 33 58	9°58'32	20°16	14°40	23°17	28°10	23°41	5°43	3°24	24°50	11°43	8°22	7° 7	18°38	8°44	T 27
W28	8 37 54	10°59'03	2♓22	15°16	24°19	28°58	23°37	5°50	3°21	24°52	11°41	8°10	7° 4	18°45	8°45	W28
T 29	8 41 51	11°59'31	14°36	15°56	25°21	29°45	23°33	5°57	3°19	24°54	11°40	7°58	7° 1	18°52	8°45	T 29
F 30	8 45 47	12°59'58	26°59	16°40	26°23	0♒32	23°29	6° 4	3°16	24°57	11°39	7°48	6°57	18°58	8°46	F 30
S 31	8 49 44	14♒ 0'23	9♈33	17♑27	27♐26	1♒19	23♍25	6♓11	3♌14	24♒59	11♋38	7♊41	6♊54	19♑ 5	8♉47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s54	14s27	5s11	19s14	1n21	15s46	4n30	24s16	0s54	3n36	1n27	12s20	1s57	19n55	0n40	14s26	0s51	26n 1	3n 0	22n 5	21n53	25s46	14n22	0s10
F 2	22 48	9 41	5 9	18 59	1 40	15 57	4 29	24 13	0 54	3 36	1 27	12 17	1 57	19 56	0 40	14 26	0 51	26 1	3 0	22 4	21 52	25 46	14 21	0 10
S 3	22 41	4 28	4 52	18 46	1 58	16 7	4 28	24 11	0 54	3 36	1 27	12 15	1 57	19 56	0 40	14 25	0 51	26 2	3 0	22 4	21 52	25 46	14 21	0 10
S 4	22 34	1n 3	4 21	18 35	2 16	16 18	4 27	24 8	0 55	3 36	1 28	12 13	1 57	19 57	0 40	14 25	0 51	26 2	3 0	22 3	21 51	25 46	14 21	0 10
M 5	22 26	6 41	3 36	18 28	2 33	16 29	4 25	24 4	0 55	3 36	1 28	12 11	1 57	19 58	0 40	14 24	0 51	26 2	3 0	22 3	21 51	25 46	14 20	0 11
T 6	22 17	12 12	2 38	18 23	2 49	16 41	4 23	24 1	0 56	3 36	1 28	12 8	1 57	19 58	0 40	14 23	0 51	26 2	3 0	22 4	21 50	25 46	14 20	0 11
W 7	22 9	17 17	1 29	18 20	3 3	16 52	4 22	23 57	0 56	3 36	1 29	12 6	1 57	19 59	0 40	14 23	0 51	26 2	3 0	22 4	21 50	25 45	14 20	0 11
T 8	22 0	21 32	0 12	18 20	3 15	17 3	4 20	23 52	0 56	3 37	1 29	12 4	1 57	20 0	0 40	14 22	0 51	26 2	3 0	22 4	21 49	25 45	14 20	0 11
F 9	21 50	24 31	1n 8	18 22	3 25	17 14	4 17	23 48	0 57	3 37	1 29	12 1	1 57	20 0	0 40	14 21	0 51	26 3	3 0	22 4	21 48	25 45	14 19	0 11
S 10	21 40	25 48	2 25	18 26	3 32	17 25	4 15	23 43	0 57	3 38	1 30	11 59	1 57	20 1	0 41	14 21	0 51	26 3	3 0	22 3	21 48	25 45	14 19	0 11
S 11	21 30	25 9	3 32	18 32	3 37	17 36	4 13	23 38	0 57	3 38	1 30	11 57	1 57	20 1	0 41	14 20	0 51	26 3	3 0	22 3	21 47	25 45	14 19	0 11
M12	21 19	22 37	4 23	18 39	3 40	17 47	4 10	23 33	0 58	3 39	1 30	11 54	1 57	20 2	0 41	14 19	0 51	26 3	3 0	22 2	21 47	25 45	14 19	0 11
T 13	21 8	18 33	4 56	18 48	3 40	17 58	4 7	23 27	0 58	3 40	1 30	11 52	1 56	20 3	0 41	14 19	0 51	26 3	3 0	22 1	21 46	25 44	14 19	0 11
W14	20 56	13 24	5 8	18 57	3 39	18 9	4 4	23 21	0 58	3 40	1 31	11 49	1 56	20 3	0 41	14 18	0 51	26 4	3 0	22 0	21 46	25 44	14 19	0 11
T 15	20 44	7 41	5 0	19 7	3 35	18 20	4 1	23 15	0 59	3 41	1 31	11 47	1 56	20 4	0 41	14 17	0 51	26 4	3 1	21 59	21 45	25 44	14 19	0 11
F 16	20 32	1 46	4 35	19 18	3 29	18 30	3 58	23 9	0 59	3 42	1 31	11 45	1 56	20 5	0 41	14 16	0 51	26 4	3 1	21 58	21 45	25 44	14 18	0 12
S 17	20 19	4s 2	3 55	19 29	3 22	18 41	3 55	23 2	0 59	3 43	1 31	11 42	1 56	20 5	0 41	14 16	0 51	26 4	3 1	21 58	21 44	25 44	14 18	0 12
S 18	20 6	9 29	3 4	19 41	3 14	18 51	3 51	22 55	1 0	3 45	1 32	11 40	1 56	20 6	0 41	14 15	0 51	26 4	3 1	21 57	21 44	25 43	14 18	0 12
M19	19 53	14 24	2 6	19 52	3 4	19 1	3 48	22 48	1 0	3 46	1 32	11 37	1 56	20 6	0 41	14 14	0 51	26 4	3 1	21 58	21 43	25 43	14 18	0 12
T 20	19 39	18 37	1 4	20 4	2 54	19 10	3 44	22 41	1 0	3 47	1 32	11 34	1 56	20 7	0 41	14 14	0 51	26 5	3 1	21 58	21 43	25 43	14 18	0 12
W21	19 25	21 58	0s 0	20 15	2 43	19 20	3 41	22 33	1 1	3 48	1 33	11 32	1 56	20 8	0 41	14 13	0 51	26 5	3 1	21 58	21 42	25 43	14 18	0 12
T 22	19 10	24 21	1 4	20 27	2 32	19 29	3 37	22 25	1 1	3 50	1 33	11 29	1 56	20 8	0 41	14 12	0 51	26 5	3 1	21 58	21 42	25 42	14 18	0 12
F 23	18 55	25 38	2 4	20 37	2 20	19 37	3 33	22 17	1 1	3 51	1 33	11 27	1 56	20 9	0 41	14 11	0 51	26 5	3 1	21 57	21 41	25 42	14 18	0 12
S 24	18 40	25 45	2 58	20 48	2 9	19 46	3 29	22 8	1 2	3 53	1 33	11 24	1 56	20 10	0 41	14 11	0 51	26 5	3 1	21 56	21 41	25 42	14 18	0 12
S 25	18 24	24 42	3 45	20 58	1 57	19 54	3 25	22 0	1 2	3 54	1 34	11 22	1 56	20 10	0 41	14 10	0 51	26 5	3 1	21 55	21 40	25 42	14 19	0 12
M26	18 9	22 32	4 22	21 7	1 45	20 2	3 21	21 51	1 2	3 56	1 34	11 19	1 56	20 11	0 41	14 9	0 51	26 5	3 1	21 53	21 40	25 41	14 19	0 12
T 27	17 52	19 23	4 48	21 15	1 33	20 9	3 17	21 41	1 2	3 58	1 34	11 16	1 56	20 11	0 41	14 8	0 51	26 6	3 1	21 51	21 39	25 41	14 19	0 13
W28	17 36	15 23	5 1	21 23	1 21	20 16	3 13	21 32	1 3	4 0	1 34	11 14	1 56	20 12	0 41	14 8	0 51	26 6	3 1	21 49	21 39	25 41	14 19	0 13
T 29	17 19	10 43	5 1	21 30	1 9	20 23	3 9	21 22	1 3	4 1	1 35	11 11	1 56	20 13	0 41	14 7	0 51	26 6	3 1	21 48	21 38	25 40	14 19	0 13
F 30	17 2	5 35	4 46	21 36	0 58	20 29	3 5	21 12	1 3	4 3	1 35	11 8	1 56	20 13	0 41	14 6	0 51	26 6	3 1	21 46	21 37	25 40	14 19	0 13
S 31	16s44	0s 8	4s18	21s41	0n47	20s35	3n 0	21s 2	1s 3	4n 5	1n35	11s 6	1s56	20n14	0n41	14s 5	0s51	26n 6	3n 1	21n45	21n37	25s40	14n19	0s13

Julian Day Number = 1976732.5, Delta T = 01h00m48s
Ecliptic obliquity = 23°36'29, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°37'59, Lahiri = 5°44'59 Julian Calendar 1 Jan. 700 == Greg. Calendar 4 Jan. 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

FEBRUARY 700 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 53 40	15♒ 0'46	22♈21	18♑19	28♐29	2♒ 7	23°R20	6♓18	3°R11	25♒ 1	11°R37	7°R36	6♊51	19♑12	8♉48	S 1
M 2	8 57 37	16° 1'07	5♉24	19°13	29°32	2°54	23♍15	6°25	3♌ 9	25° 3	11♋36	7♊33	6°48	19°18	8°49	M 2
T 3	9 1 33	17° 1'26	18°46	20°10	0♑35	3°41	23°10	6°32	3° 6	25° 6	11°35	7°D33	6°45	19°25	8°50	T 3
W 4	9 5 30	18° 1'43	2♊29	21°10	1°39	4°28	23° 5	6°40	3° 4	25° 8	11°34	7°R33	6°42	19°32	8°51	W 4
T 5	9 9 27	19° 1'58	16°35	22°13	2°43	5°15	23° 0	6°47	3° 1	25°10	11°33	7°33	6°38	19°38	8°52	T 5
F 6	9 13 23	20° 2'10	1♋ 3	23°18	3°47	6° 3	22°54	6°54	2°59	25°12	11°32	7°31	6°35	19°45	8°53	F 6
S 7	9 17 20	21° 2'21	15°52	24°25	4°52	6°50	22°49	7° 1	2°56	25°15	11°31	7°27	6°32	19°52	8°55	S 7
S 8	9 21 16	22° 2'29	0♌55	25°35	5°57	7°37	22°43	7° 9	2°54	25°17	11°30	7°19	6°29	19°58	8°56	S 8
M 9	9 25 13	23° 2'36	16° 3	26°46	7° 2	8°24	22°38	7°16	2°51	25°19	11°29	7°10	6°26	20° 5	8°57	M 9
T 10	9 29 9	24° 2'40	1♍ 7	28° 0	8° 7	9°11	22°32	7°23	2°49	25°21	11°28	6°59	6°23	20°12	8°59	T 10
W11	9 33 6	25° 2'43	15°56	29°15	9°12	9°59	22°26	7°31	2°46	25°24	11°27	6°47	6°19	20°18	9° 0	W11
T 12	9 37 2	26° 2'43	0♎22	0♒32	10°18	10°46	22°19	7°38	2°44	25°26	11°26	6°37	6°16	20°25	9° 2	T 12
F 13	9 40 59	27° 2'42	14°20	1°50	11°24	11°33	22°13	7°46	2°42	25°28	11°25	6°29	6°13	20°32	9° 4	F 13
S 14	9 44 56	28° 2'39	27°48	3°10	12°30	12°20	22° 7	7°53	2°39	25°31	11°24	6°23	6°10	20°38	9° 5	S 14
S 15	9 48 52	29° 2'35	10♏49	4°32	13°36	13° 7	22° 0	8° 0	2°37	25°33	11°23	6°20	6° 7	20°45	9° 7	S 15
M16	9 52 49	0♓ 2'29	23°24	5°55	14°42	13°55	21°53	8° 8	2°35	25°35	11°23	6°19	6° 3	20°52	9° 9	M16
T 17	9 56 45	1° 2'21	5♐39	7°19	15°49	14°42	21°47	8°15	2°33	25°37	11°22	6°19	6° 0	20°59	9°10	T 17
W18	10 0 42	2° 2'11	17°40	8°45	16°56	15°29	21°40	8°23	2°31	25°40	11°21	6°19	5°57	21° 5	9°12	W18
T 19	10 4 38	3° 2'00	29°32	10°12	18° 2	16°16	21°33	8°30	2°28	25°42	11°20	6°17	5°54	21°12	9°14	T 19
F 20	10 8 35	4° 1'47	11♑20	11°41	19° 9	17° 3	21°26	8°38	2°26	25°44	11°20	6°13	5°51	21°19	9°16	F 20
S 21	10 12 31	5° 1'32	23° 8	13°11	20°17	17°50	21°19	8°45	2°24	25°46	11°19	6° 7	5°48	21°25	9°18	S 21
S 22	10 16 28	6° 1'15	5♒ 0	14°42	21°24	18°37	21°12	8°53	2°22	25°49	11°18	5°57	5°44	21°32	9°20	S 22
M23	10 20 25	7° 0'56	17° 0	16°15	22°32	19°25	21° 4	9° 0	2°20	25°51	11°17	5°45	5°41	21°39	9°22	M23
T 24	10 24 21	8° 0'35	29° 8	17°48	23°39	20°12	20°57	9° 8	2°18	25°53	11°17	5°31	5°38	21°45	9°24	T 24
W25	10 28 18	9° 0'12	11♓26	19°23	24°47	20°59	20°50	9°15	2°16	25°55	11°16	5°17	5°35	21°52	9°27	W25
T 26	10 32 14	9°59'47	23°55	21° 0	25°55	21°46	20°42	9°23	2°14	25°58	11°16	5° 3	5°32	21°59	9°29	T 26
F 27	10 36 11	10°59'20	6♈34	22°37	27° 3	22°33	20°35	9°30	2°12	26° 0	11°15	4°51	5°29	22° 5	9°31	F 27
S 28	10 40 7	11°58'50	19°24	24°16	28°11	23°20	20°27	9°38	2°10	26° 2	11°14	4°42	5°25	22°12	9°33	S 28
S 29	10 44 4	12♓58'18	2♉25	25♒57	29♑19	24♒ 7	20♍19	9♓45	2♌ 9	26♒ 4	11♋14	4♊36	5♊22	22♑19	9♉36	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s27	5n25	3s36	21s45	0n36	20s40	2n56	20s52	1s 4	4n 7	1n35	11s 3	1s55	20n14	0n41	14s 5	0s51	26n 6	3n 1	21n44	21n36	25s39	14n20	0s13
M 2	16 9	10 52	2 42	21 48	0 25	20 45	2 51	20 41	1 4	4 9	1 36	11 0	1 55	20 15	0 41	14 4	0 51	26 6	3 1	21 43	21 36	25 39	14 20	0 13
T 3	15 51	15 57	1 38	21 50	0 15	20 50	2 47	20 30	1 4	4 12	1 36	10 58	1 55	20 16	0 41	14 3	0 51	26 6	3 1	21 43	21 35	25 39	14 20	0 13
W 4	15 32	20 22	0 27	21 51	0 5	20 54	2 42	20 19	1 4	4 14	1 36	10 55	1 55	20 16	0 41	14 2	0 51	26 7	3 1	21 43	21 35	25 38	14 20	0 13
T 5	15 13	23 43	0n48	21 51	0s 5	20 57	2 38	20 8	1 4	4 16	1 36	10 52	1 55	20 17	0 41	14 2	0 51	26 7	3 1	21 43	21 34	25 38	14 21	0 13
F 6	14 54	25 37	2 1	21 49	0 15	21 0	2 33	19 56	1 5	4 19	1 36	10 49	1 55	20 17	0 41	14 1	0 51	26 7	3 1	21 43	21 34	25 38	14 21	0 14
S 7	14 35	25 46	3 8	21 47	0 24	21 3	2 29	19 45	1 5	4 21	1 37	10 47	1 55	20 18	0 41	14 0	0 51	26 7	3 1	21 42	21 33	25 37	14 21	0 14
S 8	14 16	24 3	4 3	21 43	0 33	21 5	2 24	19 33	1 5	4 23	1 37	10 44	1 55	20 19	0 41	13 59	0 51	26 7	3 1	21 41	21 33	25 37	14 22	0 14
M 9	13 56	20 36	4 41	21 38	0 41	21 6	2 19	19 20	1 5	4 26	1 37	10 41	1 55	20 19	0 41	13 59	0 51	26 7	3 1	21 40	21 32	25 37	14 22	0 14
T 10	13 36	15 49	4 59	21 31	0 50	21 7	2 15	19 8	1 5	4 28	1 37	10 38	1 55	20 20	0 41	13 58	0 51	26 7	3 1	21 38	21 32	25 36	14 22	0 14
W11	13 16	10 9	4 57	21 23	0 57	21 8	2 10	18 55	1 6	4 31	1 37	10 36	1 55	20 20	0 41	13 57	0 51	26 7	3 1	21 36	21 31	25 36	14 23	0 14
T 12	12 56	4 4	4 36	21 14	1 5	21 7	2 5	18 43	1 6	4 34	1 38	10 33	1 55	20 21	0 41	13 56	0 51	26 7	3 1	21 34	21 30	25 35	14 23	0 14
F 13	12 35	2s 2	3 58	21 4	1 12	21 7	2 1	18 30	1 6	4 36	1 38	10 30	1 55	20 21	0 41	13 56	0 51	26 7	3 1	21 33	21 30	25 35	14 24	0 14
S 14	12 14	7 50	3 9	20 52	1 19	21 6	1 56	18 17	1 6	4 39	1 38	10 27	1 55	20 22	0 41	13 55	0 51	26 8	3 1	21 32	21 29	25 35	14 24	0 14
S 15	11 53	13 6	2 11	20 39	1 25	21 4	1 51	18 3	1 6	4 42	1 38	10 24	1 55	20 22	0 41	13 54	0 51	26 8	3 1	21 31	21 29	25 34	14 25	0 14
M16	11 32	17 40	1 8	20 24	1 31	21 2	1 46	17 50	1 6	4 44	1 38	10 22	1 55	20 23	0 41	13 53	0 51	26 8	3 1	21 31	21 28	25 34	14 25	0 14
T 17	11 11	21 20	0 4	20 8	1 37	20 59	1 42	17 36	1 6	4 47	1 38	10 19	1 55	20 23	0 41	13 53	0 51	26 8	3 1	21 31	21 28	25 33	14 25	0 14
W18	10 49	24 1	1s 0	19 51	1 42	20 55	1 37	17 22	1 7	4 50	1 39	10 16	1 55	20 24	0 41	13 52	0 51	26 8	3 1	21 31	21 27	25 33	14 26	0 15
T 19	10 28	25 36	1 59	19 32	1 47	20 52	1 32	17 8	1 7	4 53	1 39	10 13	1 55	20 24	0 41	13 51	0 51	26 8	3 1	21 31	21 27	25 32	14 27	0 15
F 20	10 6	26 0	2 54	19 12	1 52	20 47	1 28	16 54	1 7	4 56	1 39	10 10	1 55	20 25	0 40	13 50	0 51	26 8	3 1	21 30	21 26	25 32	14 27	0 15
S 21	9 44	25 14	3 40	18 50	1 56	20 42	1 23	16 39	1 7	4 59	1 39	10 8	1 56	20 25	0 40	13 50	0 52	26 8	3 1	21 29	21 25	25 31	14 28	0 15
S 22	9 22	23 19	4 18	18 27	2 0	20 36	1 18	16 25	1 7	5 2	1 39	10 5	1 56	20 26	0 40	13 49	0 52	26 8	3 1	21 27	21 25	25 31	14 28	0 15
M23	9 0	20 21	4 44	18 2	2 3	20 30	1 14	16 10	1 7	5 5	1 39	10 2	1 56	20 26	0 40	13 48	0 52	26 8	3 1	21 25	21 24	25 31	14 29	0 15
T 24	8 37	16 30	4 58	17 36	2 6	20 23	1 9	15 55	1 7	5 8	1 39	9 59	1 56	20 27	0 40	13 47	0 52	26 8	3 1	21 23	21 24	25 30	14 29	0 15
W25	8 15	11 54	4 58	17 8	2 8	20 16	1 4	15 40	1 7	5 11	1 39	9 56	1 56	20 27	0 40	13 47	0 52	26 8	3 1	21 20	21 23	25 30	14 30	0 15
T 26	7 52	6 46	4 44	16 39	2 10	20 8	1 0	15 25	1 7	5 14	1 40	9 54	1 56	20 27	0 40	13 46	0 52	26 8	3 1	21 18	21 23	25 29	14 31	0 15
F 27	7 30	1 17	4 16	16 9	2 12	20 0	0 55	15 9	1 7	5 17	1 40	9 51	1 56	20 28	0 40	13 45	0 52	26 8	3 1	21 15	21 22	25 29	14 31	0 15
S 28	7 7	4n21	3 34	15 37	2 13	19 51	0 51	14 54	1 7	5 20	1 40	9 48	1 56	20 28	0 40	13 44	0 52	26 9	3 1	21 14	21 21	25 28	14 32	0 15
S 29	6s44	9n53	2s41	15s 4	2s14	19s41	0n46	14s38	1s 7	5n23	1n40	9s45	1s56	20n29	0n40	13s44	0s52	26n 9	3n 1	21n13	21n21	25s28	14n33	0s16

Julian Day Number = 1976763.5, Delta T = 01h00m48s
Ecliptic obliquity = 23°36'30, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'03, Lahiri = 5°45'03 Julian Calendar 1 Feb. 700 == Greg. Calendar 4 Feb. 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

MARCH 700 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 48 0	13♓57'44	15♉38	27♒38	0♒27	24♒54	20°R12	9♓53	2°R 7	26♒ 6	11°R13	4°R33	5♊19	22♑25	9♉38	M 1
T 2	10 51 57	14°57'08	29° 5	29°21	1°36	25°41	20♍ 4	10° 0	2♌ 5	26° 9	11♋13	4♊32	5°16	22°32	9°41	T 2
W 3	10 55 54	15°56'29	12♊46	1♓ 5	2°44	26°28	19°56	10° 7	2° 4	26°11	11°12	4°32	5°13	22°39	9°43	W 3
T 4	10 59 50	16°55'48	26°43	2°50	3°53	27°15	19°49	10°15	2° 2	26°13	11°12	4°31	5° 9	22°45	9°46	T 4
F 5	11 3 47	17°55'05	10♋56	4°37	5° 2	28° 2	19°41	10°22	2° 0	26°15	11°12	4°30	5° 6	22°52	9°48	F 5
S 6	11 7 43	18°54'19	25°24	6°25	6°11	28°49	19°33	10°30	1°59	26°17	11°11	4°26	5° 3	22°59	9°51	S 6
S 7	11 11 40	19°53'31	10♌ 4	8°15	7°20	29°36	19°26	10°37	1°57	26°19	11°11	4°19	5° 0	23° 6	9°54	S 7
M 8	11 15 36	20°52'40	24°48	10° 6	8°29	0♓22	19°18	10°45	1°56	26°22	11°10	4°10	4°57	23°12	9°56	M 8
T 9	11 19 33	21°51'47	9♍32	11°58	9°38	1° 9	19°10	10°52	1°54	26°24	11°10	3°59	4°54	23°19	9°59	T 9
W10	11 23 29	22°50'52	24° 5	13°51	10°47	1°56	19° 2	11° 0	1°53	26°26	11°10	3°48	4°50	23°26	10° 2	W10
T 11	11 27 26	23°49'55	8♎21	15°46	11°56	2°43	18°55	11° 7	1°52	26°28	11°10	3°38	4°47	23°32	10° 5	T 11
F 12	11 31 22	24°48'56	22°14	17°43	13° 6	3°30	18°47	11°14	1°50	26°30	11° 9	3°30	4°44	23°39	10° 8	F 12
S 13	11 35 19	25°47'54	5♏42	19°40	14°15	4°16	18°39	11°22	1°49	26°32	11° 9	3°25	4°41	23°46	10°10	S 13
S 14	11 39 16	26°46'51	18°44	21°39	15°25	5° 3	18°32	11°29	1°48	26°34	11° 9	3°22	4°38	23°52	10°13	S 14
M15	11 43 12	27°45'47	1♐23	23°40	16°34	5°50	18°24	11°36	1°47	26°36	11° 9	3°D21	4°34	23°59	10°16	M15
T 16	11 47 9	28°44'40	13°42	25°41	17°44	6°36	18°17	11°44	1°46	26°38	11° 9	3°21	4°31	24° 6	10°19	T 16
W17	11 51 5	29°43'31	25°46	27°44	18°54	7°23	18° 9	11°51	1°45	26°40	11° 8	3°R21	4°28	24°12	10°22	W17
T 18	11 55 2	0♈42'21	7♑40	29°47	20° 4	8° 9	18° 2	11°58	1°44	26°42	11° 8	3°21	4°25	24°19	10°25	T 18
F 19	11 58 58	1°41'09	19°30	1♈52	21°14	8°56	17°54	12° 5	1°43	26°44	11° 8	3°19	4°22	24°26	10°29	F 19
S 20	12 2 55	2°39'55	1♒20	3°57	22°24	9°43	17°47	12°12	1°42	26°46	11° 8	3°15	4°19	24°33	10°32	S 20
S 21	12 6 51	3°38'40	13°16	6° 3	23°34	10°29	17°40	12°20	1°41	26°48	11°D 8	3° 9	4°15	24°39	10°35	S 21
M22	12 10 48	4°37'22	25°21	8°10	24°44	11°16	17°33	12°27	1°40	26°50	11° 8	3° 1	4°12	24°46	10°38	M22
T 23	12 14 45	5°36'03	7♓38	10°16	25°54	12° 2	17°26	12°34	1°39	26°52	11° 8	2°51	4° 9	24°53	10°41	T 23
W24	12 18 41	6°34'41	20° 8	12°23	27° 4	12°48	17°19	12°41	1°39	26°53	11° 8	2°40	4° 6	24°59	10°44	W24
T 25	12 22 38	7°33'18	2♈52	14°29	28°14	13°35	17°12	12°48	1°38	26°55	11° 8	2°30	4° 3	25° 6	10°48	T 25
F 26	12 26 34	8°31'53	15°50	16°34	29°25	14°21	17° 5	12°55	1°38	26°57	11° 9	2°22	4° 0	25°13	10°51	F 26
S 27	12 30 31	9°30'26	29° 1	18°39	0♓35	15° 7	16°58	13° 2	1°37	26°59	11° 9	2°15	3°56	25°19	10°54	S 27
S 28	12 34 27	10°28'56	12♉24	20°42	1°46	15°54	16°51	13° 9	1°37	27° 1	11° 9	2°11	3°53	25°26	10°58	S 28
M29	12 38 24	11°27'25	25°57	22°44	2°56	16°40	16°45	13°16	1°36	27° 2	11° 9	2°D 9	3°50	25°33	11° 1	M29
T 30	12 42 20	12°25'52	9♊41	24°44	4° 7	17°26	16°39	13°23	1°36	27° 4	11° 9	2° 9	3°47	25°39	11° 4	T 30
W31	12 46 17	13♈24'16	23♊33	26♈41	5♓17	18♓12	16♍32	13♓30	1♌35	27♒ 6	11♋10	2♊10	3♊44	25♑46	11♉ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s21	15n 4	1s38	14s29	2s14	19s31	0n42	14s22	1s 7	5n26	1n40	9s42	1s56	20n29	0n40	13s43	0s52	26n 9	3n 1	21n12	21n20	25s27	14n33	0s16
T 2	5 58	19 38	0 29	13 52	2 14	19 20	0 37	14 6	1 7	5 29	1 40	9 40	1 56	20 29	0 40	13 42	0 52	26 9	3 1	21 12	21 20	25 26	14 34	0 16
W 3	5 35	23 12	0n43	13 14	2 13	19 9	0 33	13 50	1 7	5 32	1 40	9 37	1 56	20 30	0 40	13 41	0 52	26 9	3 1	21 12	21 19	25 26	14 35	0 16
T 4	5 12	25 29	1 55	12 35	2 12	18 57	0 29	13 34	1 7	5 36	1 40	9 34	1 56	20 30	0 40	13 41	0 52	26 9	3 1	21 12	21 19	25 25	14 35	0 16
F 5	4 49	26 9	3 0	11 54	2 11	18 45	0 24	13 18	1 7	5 39	1 40	9 31	1 56	20 30	0 40	13 40	0 52	26 9	3 1	21 11	21 18	25 25	14 36	0 16
S 6	4 25	25 3	3 55	11 12	2 8	18 32	0 20	13 1	1 7	5 42	1 40	9 28	1 56	20 31	0 40	13 39	0 52	26 9	3 1	21 11	21 17	25 24	14 37	0 16
S 7	4 2	22 16	4 35	10 29	2 6	18 19	0 16	12 45	1 7	5 45	1 40	9 26	1 56	20 31	0 40	13 38	0 52	26 9	3 1	21 9	21 17	25 24	14 38	0 16
M 8	3 38	18 0	4 57	9 43	2 2	18 5	0 12	12 28	1 7	5 48	1 40	9 23	1 56	20 31	0 40	13 38	0 52	26 9	3 1	21 8	21 16	25 23	14 38	0 16
T 9	3 15	12 40	5 0	8 57	1 59	17 50	0 8	12 11	1 7	5 51	1 40	9 20	1 56	20 32	0 40	13 37	0 52	26 9	3 1	21 6	21 16	25 22	14 39	0 16
W10	2 51	6 42	4 43	8 9	1 55	17 36	0 4	11 55	1 7	5 54	1 40	9 17	1 56	20 32	0 40	13 36	0 52	26 9	3 1	21 4	21 15	25 22	14 40	0 16
T 11	2 28	0 28	4 9	7 20	1 50	17 20	0s 0	11 38	1 7	5 57	1 40	9 15	1 57	20 32	0 40	13 36	0 52	26 9	3 1	21 2	21 15	25 21	14 41	0 17
F 12	2 4	5s37	3 20	6 29	1 45	17 4	0 4	11 20	1 7	6 0	1 40	9 12	1 57	20 32	0 40	13 35	0 52	26 9	3 1	21 0	21 14	25 21	14 42	0 17
S 13	1 41	11 17	2 21	5 38	1 39	16 48	0 8	11 3	1 7	6 3	1 40	9 9	1 57	20 33	0 40	13 34	0 52	26 9	3 1	20 59	21 13	25 20	14 42	0 17
S 14	1 17	16 17	1 17	4 45	1 32	16 31	0 12	10 46	1 7	6 6	1 40	9 6	1 57	20 33	0 40	13 34	0 52	26 9	3 1	20 59	21 13	25 19	14 43	0 17
M15	0 54	20 25	0 10	3 50	1 26	16 14	0 16	10 29	1 7	6 9	1 40	9 4	1 57	20 33	0 40	13 33	0 52	26 9	3 1	20 58	21 12	25 19	14 44	0 17
T 16	0 30	23 31	0s55	2 55	1 18	15 56	0 19	10 11	1 7	6 12	1 40	9 1	1 57	20 33	0 40	13 32	0 52	26 9	3 1	20 58	21 12	25 18	14 45	0 17
W17	0 7	25 29	1 57	1 59	1 10	15 38	0 23	9 54	1 7	6 15	1 40	8 58	1 57	20 34	0 40	13 32	0 52	26 9	3 1	20 58	21 11	25 17	14 46	0 17
T 18	0n17	26 15	2 52	1 2	1 2	15 19	0 26	9 36	1 7	6 18	1 40	8 55	1 57	20 34	0 40	13 31	0 52	26 9	3 1	20 58	21 10	25 17	14 47	0 17
F 19	0 40	25 49	3 40	0 4	0 53	15 0	0 30	9 18	1 7	6 21	1 40	8 53	1 57	20 34	0 40	13 30	0 52	26 9	3 1	20 58	21 10	25 16	14 48	0 17
S 20	1 4	24 12	4 19	0n55	0 44	14 40	0 33	9 1	1 7	6 23	1 40	8 50	1 57	20 34	0 40	13 30	0 52	26 9	3 1	20 57	21 9	25 16	14 49	0 17
S 21	1 28	21 31	4 46	1 54	0 34	14 20	0 37	8 43	1 7	6 26	1 40	8 47	1 57	20 34	0 40	13 29	0 52	26 9	3 1	20 56	21 9	25 15	14 49	0 17
M22	1 51	17 53	5 2	2 54	0 24	14 0	0 40	8 25	1 6	6 29	1 40	8 45	1 58	20 35	0 40	13 28	0 52	26 9	3 1	20 54	21 8	25 14	14 50	0 18
T 23	2 14	13 27	5 3	3 53	0 14	13 39	0 43	8 7	1 6	6 32	1 40	8 42	1 58	20 35	0 40	13 28	0 52	26 9	3 1	20 53	21 8	25 13	14 51	0 18
W24	2 38	8 23	4 51	4 53	0 3	13 18	0 46	7 49	1 6	6 34	1 39	8 39	1 58	20 35	0 40	13 27	0 52	26 9	3 1	20 50	21 7	25 13	14 52	0 18
T 25	3 1	2 53	4 23	5 52	0n 8	12 57	0 49	7 31	1 6	6 37	1 39	8 37	1 58	20 35	0 40	13 27	0 52	26 9	3 1	20 49	21 6	25 12	14 53	0 18
F 26	3 24	2n52	3 42	6 51	0 19	12 35	0 52	7 13	1 6	6 40	1 39	8 34	1 58	20 35	0 40	13 26	0 52	26 9	3 1	20 47	21 6	25 11	14 54	0 18
S 27	3 48	8 35	2 48	7 49	0 30	12 12	0 55	6 55	1 6	6 42	1 39	8 32	1 58	20 35	0 40	13 25	0 52	26 9	3 1	20 45	21 5	25 11	14 55	0 18
S 28	4 11	14 1	1 44	8 47	0 41	11 50	0 58	6 36	1 6	6 45	1 39	8 29	1 58	20 35	0 40	13 25	0 52	26 9	3 1	20 45	21 5	25 10	14 56	0 18
M29	4 34	18 51	0 33	9 43	0 52	11 27	1 1	6 18	1 5	6 47	1 39	8 26	1 58	20 35	0 40	13 24	0 52	26 9	3 1	20 44	21 4	25 9	14 57	0 18
T 30	4 57	22 44	0n40	10 37	1 3	11 4	1 4	6 0	1 5	6 49	1 39	8 24	1 59	20 35	0 40	13 24	0 52	26 9	3 1	20 44	21 3	25 8	14 58	0 18
W31	5n20	25n20	1n53	11n30	1n14	10s40	1s 6	5s41	1s 5	6n52	1n39	8s21	1s59	20n35	0n40	13s23	0s52	26n 9	3n 1	20n45	21n 3	25s 8	14n59	0s18

Julian Day Number = 1976792.5, Delta T = 01h00m47s
Ecliptic obliquity = 23°36'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'07, Lahiri = 5°45'07 Julian Calendar 1 March 700 == Greg. Calendar 5 March 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

APRIL 700 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 50 14	14♈22'38	7♋34	28♈36	6♓28	18♓58	16°R26	13♓37	1°R35	27♒ 8	11♋10	2°R11	3♊40	25♉53	11♉11	T 1
F 2	12 54 10	15°20'58	21°42	0♉28	7°39	19°44	16♍20	13°43	1♎35	27° 9	11°10	2♊11	3°37	26° 0	11°15	F 2
S 3	12 58 7	16°19'16	5♎57	2°17	8°49	20°30	16°14	13°50	1°35	27°11	11°10	2° 9	3°34	26° 6	11°18	S 3
S 4	13 2 3	17°17'32	20°16	4° 3	10° 0	21°16	16° 8	13°57	1°35	27°12	11°11	2° 6	3°31	26°13	11°22	S 4
M 5	13 6 0	18°15'46	4♍35	5°45	11°11	22° 2	16° 3	14° 3	1°D35	27°14	11°11	2° 1	3°28	26°20	11°25	M 5
T 6	13 9 56	19°13'57	18°50	7°24	12°22	22°48	15°57	14°10	1°35	27°16	11°12	1°54	3°25	26°26	11°29	T 6
W 7	13 13 53	20°12'06	2♏56	8°58	13°33	23°34	15°52	14°17	1°35	27°17	11°12	1°48	3°21	26°33	11°33	W 7
T 8	13 17 49	21°10'14	16°49	10°29	14°44	24°20	15°47	14°23	1°35	27°19	11°12	1°41	3°18	26°40	11°36	T 8
F 9	13 21 46	22° 8'20	0♏25	11°56	15°55	25° 6	15°42	14°30	1°35	27°20	11°13	1°36	3°15	26°46	11°40	F 9
S 10	13 25 43	23° 6'24	13°41	13°19	17° 6	25°51	15°37	14°36	1°35	27°22	11°13	1°33	3°12	26°53	11°43	S 10
S 11	13 29 39	24° 4'26	26°36	14°37	18°17	26°37	15°32	14°43	1°36	27°23	11°14	1°D32	3° 9	27° 0	11°47	S 11
M12	13 33 36	25° 2'27	9♐12	15°51	19°28	27°23	15°27	14°49	1°36	27°25	11°14	1°32	3° 6	27° 6	11°51	M12
T 13	13 37 32	26° 0'27	21°31	17° 1	20°39	28° 8	15°23	14°55	1°36	27°26	11°15	1°33	3° 2	27°13	11°54	T 13
W14	13 41 29	26°58'25	3♑36	18° 6	21°50	28°54	15°18	15° 1	1°37	27°27	11°16	1°35	2°59	27°20	11°58	W14
T 15	13 45 25	27°56'22	15°33	19° 7	23° 1	29°39	15°14	15° 8	1°37	27°29	11°16	1°36	2°56	27°27	12° 2	T 15
F 16	13 49 22	28°54'17	27°25	20° 3	24°13	0♈25	15°10	15°14	1°38	27°30	11°17	1°R37	2°53	27°33	12° 5	F 16
S 17	13 53 18	29°52'11	9♒17	20°54	25°24	1°10	15° 6	15°20	1°38	27°31	11°17	1°37	2°50	27°40	12° 9	S 17
S 18	13 57 15	0♉50'03	21°15	21°41	26°35	1°56	15° 3	15°26	1°39	27°33	11°18	1°35	2°46	27°47	12°13	S 18
M19	14 1 12	1°47'55	3♓23	22°23	27°47	2°41	14°59	15°32	1°40	27°34	11°19	1°32	2°43	27°53	12°17	M19
T 20	14 5 8	2°45'45	15°44	23° 0	28°58	3°26	14°56	15°38	1°40	27°35	11°20	1°28	2°40	28° 0	12°20	T 20
W21	14 9 5	3°43'33	28°22	23°33	0♈ 9	4°12	14°53	15°44	1°41	27°36	11°20	1°23	2°37	28° 7	12°24	W21
T 22	14 13 1	4°41'20	11♈18	24° 0	1°21	4°57	14°50	15°49	1°42	27°37	11°21	1°19	2°34	28°13	12°28	T 22
F 23	14 16 58	5°39'06	24°32	24°23	2°32	5°42	14°47	15°55	1°43	27°38	11°22	1°15	2°31	28°20	12°32	F 23
S 24	14 20 54	6°36'51	8♉ 4	24°40	3°44	6°27	14°44	16° 1	1°44	27°40	11°23	1°13	2°27	28°27	12°35	S 24
S 25	14 24 51	7°34'34	21°51	24°53	4°55	7°12	14°42	16° 6	1°45	27°41	11°24	1°11	2°24	28°34	12°39	S 25
M26	14 28 47	8°32'16	5♊50	25° 0	6° 7	7°57	14°40	16°12	1°46	27°42	11°24	1°D11	2°21	28°40	12°43	M26
T 27	14 32 44	9°29'56	19°59	25°R 3	7°19	8°42	14°37	16°17	1°47	27°43	11°25	1°12	2°18	28°47	12°47	T 27
W28	14 36 40	10°27'35	4♋13	25° 2	8°30	9°27	14°35	16°23	1°48	27°44	11°26	1°13	2°15	28°54	12°50	W28
T 29	14 40 37	11°25'12	18°29	24°55	9°42	10°12	14°34	16°28	1°49	27°45	11°27	1°14	2°12	29° 0	12°54	T 29
F 30	14 44 34	12♉22'48	2♎45	24♉44	10♈54	10♈56	14♍32	16♓34	1♎51	27♒46	11♋28	1♊15	2♊ 8	29♉ 7	12♉58	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n42	26n22	2n59	12n22	1n24	10s16	1s 9	5s23	1s 5	6n54	1n39	8s19	1s59	20n35	0n40	13s23	0s52	26n 9	3n 1	20n45	21n 2	25s 7	15n 0	0s18
F 2	6 5	25 43	3 55	13 11	1 34	9 52	1 11	5 5	1 5	6 56	1 38	8 16	1 59	20 35	0 40	13 22	0 52	26 9	3 1	20 45	21 2	25 6	15 1	0 19
S 3	6 28	23 23	4 37	13 58	1 43	9 27	1 14	4 46	1 4	6 58	1 38	8 14	1 59	20 35	0 39	13 21	0 52	26 9	3 1	20 44	21 1	25 5	15 2	0 19
S 4	6 50	19 36	5 2	14 43	1 52	9 3	1 16	4 28	1 4	7 1	1 38	8 11	1 59	20 35	0 39	13 21	0 53	26 9	3 1	20 44	21 0	25 5	15 3	0 19
M 5	7 13	14 40	5 8	15 25	2 0	8 38	1 18	4 9	1 4	7 3	1 38	8 9	1 59	20 35	0 39	13 20	0 53	26 9	3 1	20 43	21 0	25 4	15 4	0 19
T 6	7 35	8 58	4 55	16 6	2 8	8 12	1 20	3 51	1 4	7 5	1 38	8 7	2 0	20 35	0 39	13 20	0 53	26 8	3 1	20 41	20 59	25 3	15 5	0 19
W 7	7 57	2 52	4 24	16 43	2 15	7 47	1 22	3 32	1 3	7 7	1 38	8 4	2 0	20 35	0 39	13 19	0 53	26 8	3 1	20 40	20 58	25 2	15 6	0 19
T 8	8 19	3s18	3 38	17 18	2 21	7 21	1 24	3 14	1 3	7 8	1 37	8 2	2 0	20 35	0 39	13 19	0 53	26 8	3 1	20 39	20 58	25 1	15 7	0 19
F 9	8 41	9 11	2 41	17 51	2 27	6 55	1 26	2 55	1 3	7 10	1 37	7 59	2 0	20 35	0 39	13 18	0 53	26 8	3 1	20 38	20 57	25 1	15 8	0 19
S 10	9 3	14 32	1 36	18 21	2 31	6 29	1 28	2 37	1 3	7 12	1 37	7 57	2 0	20 35	0 39	13 18	0 53	26 8	3 1	20 37	20 57	25 0	15 9	0 19
S 11	9 24	19 6	0 27	18 48	2 35	6 3	1 30	2 18	1 2	7 14	1 37	7 55	2 0	20 35	0 39	13 17	0 53	26 8	3 1	20 37	20 56	24 59	15 10	0 19
M12	9 46	22 40	0s42	19 13	2 38	5 36	1 31	2 0	1 2	7 15	1 37	7 52	2 1	20 35	0 39	13 17	0 53	26 8	3 1	20 37	20 55	24 58	15 11	0 19
T 13	10 7	25 7	1 47	19 35	2 40	5 9	1 33	1 41	1 2	7 17	1 36	7 50	2 1	20 35	0 39	13 17	0 53	26 8	3 1	20 37	20 55	24 57	15 12	0 20
W14	10 28	26 19	2 46	19 55	2 41	4 42	1 34	1 23	1 2	7 18	1 36	7 48	2 1	20 35	0 39	13 16	0 53	26 8	3 1	20 37	20 54	24 56	15 13	0 20
T 15	10 49	26 17	3 37	20 12	2 41	4 15	1 36	1 4	1 1	7 20	1 36	7 45	2 1	20 35	0 39	13 16	0 53	26 8	3 1	20 38	20 54	24 56	15 14	0 20
F 16	11 10	25 3	4 19	20 27	2 40	3 48	1 37	0 46	1 1	7 21	1 36	7 43	2 1	20 34	0 39	13 15	0 53	26 8	3 1	20 38	20 53	24 55	15 15	0 20
S 17	11 30	22 42	4 49	20 39	2 38	3 21	1 38	0 27	1 1	7 23	1 36	7 41	2 1	20 34	0 39	13 15	0 53	26 8	3 1	20 38	20 52	24 54	15 16	0 20
S 18	11 51	19 22	5 8	20 48	2 35	2 53	1 39	0 9	1 0	7 24	1 35	7 39	2 2	20 34	0 39	13 14	0 53	26 8	3 1	20 37	20 52	24 53	15 17	0 20
M19	12 11	15 11	5 12	20 56	2 31	2 25	1 40	0n10	1 0	7 25	1 35	7 37	2 2	20 34	0 39	13 14	0 53	26 8	3 1	20 37	20 51	24 52	15 19	0 20
T 20	12 31	10 18	5 3	21 0	2 26	1 58	1 41	0 28	1 0	7 26	1 35	7 35	2 2	20 34	0 39	13 14	0 53	26 8	3 1	20 36	20 50	24 51	15 20	0 20
W21	12 51	4 55	4 39	21 3	2 20	1 30	1 42	0 46	0 59	7 27	1 35	7 32	2 2	20 33	0 39	13 13	0 53	26 8	3 1	20 35	20 50	24 50	15 21	0 20
T 22	13 10	0n49	4 0	21 3	2 13	1 2	1 43	1 5	0 59	7 28	1 35	7 30	2 2	20 33	0 39	13 13	0 53	26 8	3 1	20 34	20 49	24 49	15 22	0 20
F 23	13 30	6 40	3 8	21 0	2 4	0 34	1 44	1 23	0 59	7 29	1 34	7 28	2 2	20 33	0 39	13 13	0 53	26 7	3 1	20 33	20 49	24 49	15 23	0 21
S 24	13 49	12 21	2 4	20 56	1 55	0 6	1 44	1 41	0 58	7 30	1 34	7 26	2 3	20 33	0 39	13 12	0 53	26 7	3 1	20 33	20 48	24 48	15 24	0 21
S 25	14 8	17 32	0 51	20 49	1 45	0n22	1 45	2 0	0 58	7 30	1 34	7 24	2 3	20 32	0 39	13 12	0 53	26 7	3 1	20 33	20 47	24 47	15 25	0 21
M26	14 27	21 51	0n26	20 40	1 34	0 50	1 45	2 18	0 58	7 31	1 34	7 22	2 3	20 32	0 39	13 12	0 53	26 7	3 1	20 33	20 47	24 46	15 26	0 21
T 27	14 45	24 55	1 42	20 29	1 21	1 18	1 46	2 36	0 57	7 32	1 33	7 20	2 3	20 32	0 39	13 11	0 53	26 7	3 1	20 33	20 46	24 45	15 27	0 21
W28	15 4	26 24	2 52	20 15	1 8	1 46	1 46	2 54	0 57	7 32	1 33	7 18	2 3	20 32	0 39	13 11	0 53	26 7	3 1	20 33	20 45	24 44	15 28	0 21
T 29	15 22	26 9	3 52	20 0	0 54	2 15	1 46	3 12	0 56	7 33	1 33	7 16	2 4	20 31	0 39	13 11	0 53	26 7	3 1	20 33	20 45	24 43	15 29	0 21
F 30	15n40	24n11	4n37	19n43	0n39	2n43	1s46	3n30	0s56	7n33	1n33	7s14	2s 4	20n31	0n39	13s10	0s53	26n 7	3n 1	20n33	20n44	24s42	15n30	0s21

Julian Day Number = 1976823.5, Delta T = 01h00m46s
Ecliptic obliquity = 23°36'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'11, Lahiri = 5°45'11 Julian Calendar 1 Apr. 700 == Greg. Calendar 5 Apr. 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

MAY 700 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 48 30	13♉20'22	16♌58	24°R30	12♈ 5	11♈41	14°R31	16♓39	1♌52	27♒46	11♋29	1°R15	2♊ 5	29♏14	13♉ 2	S 1
S 2	14 52 27	14°17'54	1♍ 5	24♉11	13°17	12°26	14♍30	16°44	1°53	27°47	11°30	1♊15	2° 2	29°20	13° 6	S 2
M 3	14 56 23	15°15'25	15° 5	23°48	14°29	13°10	14°29	16°49	1°55	27°48	11°31	1°13	1°59	29°27	13° 9	M 3
T 4	15 0 20	16°12'55	28°56	23°23	15°40	13°55	14°28	16°54	1°56	27°49	11°32	1°12	1°56	29°34	13°13	T 4
W 5	15 4 16	17°10'23	12♎34	22°55	16°52	14°39	14°27	16°59	1°58	27°50	11°33	1°10	1°52	29°41	13°17	W 5
T 6	15 8 13	18° 7'50	26° 0	22°24	18° 4	15°24	14°27	17° 4	1°59	27°50	11°34	1° 8	1°49	29°47	13°21	T 6
F 7	15 12 9	19° 5'15	9♏12	21°52	19°16	16° 8	14°26	17° 9	2° 1	27°51	11°35	1° 7	1°46	29°54	13°25	F 7
S 8	15 16 6	20° 2'40	22° 8	21°19	20°28	16°53	14°D26	17°13	2° 3	27°52	11°36	1° 6	1°43	0♒ 1	13°28	S 8
S 9	15 20 3	21° 0'03	4♐49	20°46	21°40	17°37	14°26	17°18	2° 4	27°52	11°38	1°D 6	1°40	0° 7	13°32	S 9
M10	15 23 59	21°57'26	17°16	20°12	22°52	18°21	14°27	17°23	2° 6	27°53	11°39	1° 6	1°37	0°14	13°36	M10
T 11	15 27 56	22°54'48	29°30	19°39	24° 4	19° 5	14°27	17°27	2° 8	27°54	11°40	1° 7	1°33	0°21	13°40	T 11
W12	15 31 52	23°52'09	11♑33	19° 7	25°16	19°49	14°28	17°32	2°10	27°54	11°41	1° 8	1°30	0°27	13°43	W12
T 13	15 35 49	24°49'30	23°29	18°37	26°28	20°33	14°28	17°36	2°12	27°55	11°42	1° 9	1°27	0°34	13°47	T 13
F 14	15 39 45	25°46'49	5♒22	18° 9	27°40	21°17	14°29	17°40	2°14	27°55	11°43	1° 9	1°24	0°41	13°51	F 14
S 15	15 43 42	26°44'08	17°15	17°44	28°52	22° 1	14°30	17°44	2°16	27°55	11°45	1° 9	1°21	0°48	13°55	S 15
S 16	15 47 39	27°41'27	29°13	17°22	0♉ 4	22°45	14°32	17°49	2°18	27°56	11°46	1°R 9	1°17	0°54	13°58	S 16
M17	15 51 35	28°38'45	11♓20	17° 3	1°16	23°29	14°33	17°53	2°20	27°56	11°47	1° 9	1°14	1° 1	14° 2	M17
T 18	15 55 32	29°36'02	23°42	16°49	2°28	24°13	14°35	17°57	2°22	27°57	11°49	1° 9	1°11	1° 8	14° 6	T 18
W19	15 59 28	0♊33'19	6♈22	16°38	3°40	24°56	14°37	18° 0	2°24	27°57	11°50	1° 9	1° 8	1°14	14° 9	W19
T 20	16 3 25	1°30'35	19°22	16°31	4°52	25°40	14°39	18° 4	2°26	27°57	11°51	1°D 9	1° 5	1°21	14°13	T 20
F 21	16 7 21	2°27'51	2♉45	16°D29	6° 5	26°24	14°41	18° 8	2°28	27°57	11°52	1° 9	1° 2	1°28	14°17	F 21
S 22	16 11 18	3°25'07	16°31	16°31	7°17	27° 7	14°43	18°11	2°31	27°58	11°54	1° 9	0°58	1°35	14°20	S 22
S 23	16 15 14	4°22'22	0♊37	16°38	8°29	27°51	14°46	18°15	2°33	27°58	11°55	1°R 9	0°55	1°41	14°24	S 23
M24	16 19 11	5°19'37	15° 0	16°49	9°42	28°34	14°49	18°18	2°35	27°58	11°57	1° 9	0°52	1°48	14°28	M24
T 25	16 23 8	6°16'51	29°36	17° 5	10°54	29°17	14°51	18°22	2°38	27°58	11°58	1° 9	0°49	1°55	14°31	T 25
W26	16 27 4	7°14'04	14♋16	17°26	12° 6	0♉ 1	14°55	18°25	2°40	27°58	11°59	1° 8	0°46	2° 1	14°35	W26
T 27	16 31 1	8°11'17	28°56	17°51	13°19	0°44	14°58	18°28	2°43	27°58	12° 1	1° 8	0°43	2° 8	14°39	T 27
F 28	16 34 57	9° 8'29	13♌29	18°21	14°31	1°27	15° 1	18°31	2°45	27°R58	12° 2	1° 7	0°39	2°15	14°42	F 28
S 29	16 38 54	10° 5'41	27°50	18°55	15°43	2°10	15° 5	18°34	2°48	27°58	12° 4	1° 6	0°36	2°21	14°46	S 29
S 30	16 42 50	11° 2'51	11♍57	19°33	16°56	2°53	15° 8	18°37	2°50	27°58	12° 5	1°D 6	0°33	2°28	14°49	S 30
M31	16 46 47	12♊ 0'01	25♍48	20♉16	18♉ 8	3♉36	15♍12	18♓40	2♌53	27♒58	12♋ 7	1♊ 7	0♊30	2♒35	14♉53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n57	20n42	5n 6	19n24	0n23	3n11	1s46	3n48	0s56	7n33	1n32	7s13	2s 4	20n31	0n39	13s10	0s54	26n 7	3n 1	20n33	20n44	24s41	15n31	0s21
S 2	16 15	16 4	5 15	19 4	0 7	3 39	1 46	4 6	0 55	7 34	1 32	7 11	2 4	20 30	0 39	13 10	0 54	26 7	3 1	20 33	20 43	24 40	15 32	0 21
M 3	16 32	10 37	5 6	18 42	0s10	4 7	1 46	4 24	0 55	7 34	1 32	7 9	2 5	20 30	0 39	13 10	0 54	26 7	3 1	20 33	20 42	24 39	15 33	0 22
T 4	16 48	4 42	4 39	18 19	0 27	4 35	1 46	4 42	0 54	7 34	1 32	7 7	2 5	20 30	0 39	13 9	0 54	26 7	3 1	20 33	20 42	24 38	15 34	0 22
W 5	17 5	1s22	3 57	17 55	0 44	5 3	1 46	4 59	0 54	7 34	1 31	7 5	2 5	20 29	0 39	13 9	0 54	26 6	3 1	20 32	20 41	24 37	15 36	0 22
T 6	17 21	7 17	3 2	17 31	1 1	5 31	1 46	5 17	0 53	7 34	1 31	7 4	2 5	20 29	0 39	13 9	0 54	26 6	3 1	20 32	20 40	24 36	15 37	0 22
F 7	17 37	12 48	1 58	17 6	1 19	5 58	1 45	5 35	0 53	7 34	1 31	7 2	2 5	20 29	0 38	13 9	0 54	26 6	3 1	20 32	20 40	24 35	15 38	0 22
S 8	17 53	17 38	0 49	16 41	1 36	6 26	1 45	5 52	0 53	7 34	1 31	7 0	2 6	20 28	0 38	13 8	0 54	26 6	3 1	20 32	20 39	24 34	15 39	0 22
S 9	18 8	21 35	0s21	16 16	1 52	6 54	1 44	6 10	0 52	7 33	1 30	6 59	2 6	20 28	0 38	13 8	0 54	26 6	3 1	20 31	20 38	24 33	15 40	0 22
M10	18 23	24 28	1 28	15 52	2 8	7 21	1 43	6 27	0 52	7 33	1 30	6 57	2 6	20 27	0 38	13 8	0 54	26 6	3 1	20 32	20 38	24 32	15 41	0 22
T 11	18 38	26 7	2 31	15 28	2 24	7 48	1 43	6 44	0 51	7 33	1 30	6 56	2 6	20 27	0 38	13 8	0 54	26 6	3 1	20 32	20 37	24 31	15 42	0 22
W12	18 52	26 31	3 26	15 5	2 38	8 16	1 42	7 1	0 51	7 32	1 30	6 54	2 7	20 26	0 38	13 8	0 54	26 6	3 1	20 32	20 36	24 30	15 43	0 22
T 13	19 6	25 40	4 11	14 44	2 52	8 43	1 41	7 18	0 50	7 32	1 29	6 53	2 7	20 26	0 38	13 8	0 54	26 6	3 1	20 32	20 36	24 29	15 44	0 23
F 14	19 20	23 40	4 46	14 24	3 5	9 9	1 40	7 36	0 50	7 31	1 29	6 51	2 7	20 25	0 38	13 8	0 54	26 6	3 1	20 32	20 35	24 28	15 45	0 23
S 15	19 34	20 39	5 8	14 6	3 16	9 36	1 39	7 52	0 49	7 30	1 29	6 50	2 7	20 25	0 38	13 7	0 54	26 5	3 1	20 32	20 34	24 27	15 46	0 23
S 16	19 47	16 46	5 17	13 50	3 26	10 3	1 38	8 9	0 49	7 30	1 29	6 48	2 8	20 25	0 38	13 7	0 54	26 5	3 1	20 32	20 34	24 26	15 47	0 23
M17	20 0	12 10	5 12	13 36	3 35	10 29	1 37	8 26	0 48	7 29	1 28	6 47	2 8	20 24	0 38	13 7	0 54	26 5	3 1	20 32	20 33	24 25	15 48	0 23
T 18	20 12	7 0	4 53	13 25	3 43	10 55	1 36	8 43	0 48	7 28	1 28	6 46	2 8	20 24	0 38	13 7	0 54	26 5	3 1	20 32	20 33	24 24	15 49	0 23
W19	20 25	1 25	4 19	13 15	3 50	11 21	1 35	8 59	0 47	7 27	1 28	6 44	2 8	20 23	0 38	13 7	0 54	26 5	3 1	20 32	20 32	24 22	15 50	0 23
T 20	20 37	4n22	3 32	13 8	3 55	11 46	1 33	9 16	0 47	7 26	1 28	6 43	2 9	20 22	0 38	13 7	0 54	26 5	3 1	20 32	20 31	24 21	15 51	0 23
F 21	20 48	10 9	2 31	13 4	3 59	12 12	1 32	9 32	0 46	7 25	1 27	6 42	2 9	20 22	0 38	13 7	0 54	26 5	3 1	20 32	20 31	24 20	15 52	0 23
S 22	20 59	15 36	1 20	13 2	4 2	12 37	1 31	9 49	0 46	7 24	1 27	6 41	2 9	20 21	0 38	13 7	0 54	26 5	3 1	20 32	20 30	24 19	15 53	0 23
S 23	21 10	20 22	0 3	13 2	4 4	13 2	1 29	10 5	0 45	7 22	1 27	6 39	2 9	20 21	0 38	13 7	0 54	26 5	3 1	20 32	20 29	24 18	15 54	0 24
M24	21 20	24 1	1n16	13 5	4 4	13 26	1 28	10 21	0 45	7 21	1 27	6 38	2 10	20 20	0 38	13 7	0 54	26 5	3 1	20 32	20 29	24 17	15 55	0 24
T 25	21 31	26 8	2 31	13 10	4 4	13 50	1 26	10 37	0 44	7 20	1 26	6 37	2 10	20 20	0 38	13 7	0 54	26 4	3 1	20 32	20 28	24 16	15 56	0 24
W26	21 40	26 26	3 37	13 17	4 2	14 14	1 24	10 53	0 44	7 18	1 26	6 36	2 10	20 19	0 38	13 7	0 55	26 4	3 1	20 32	20 27	24 15	15 57	0 24
T 27	21 50	24 53	4 28	13 26	3 59	14 38	1 23	11 8	0 43	7 17	1 26	6 35	2 10	20 18	0 38	13 7	0 55	26 4	3 1	20 32	20 27	24 13	15 58	0 24
F 28	21 59	21 42	5 2	13 38	3 56	15 1	1 21	11 24	0 42	7 15	1 26	6 34	2 11	20 18	0 38	13 7	0 55	26 4	3 1	20 32	20 26	24 12	15 59	0 24
S 29	22 7	17 14	5 16	13 52	3 51	15 24	1 19	11 39	0 42	7 14	1 25	6 33	2 11	20 17	0 38	13 7	0 55	26 4	3 1	20 32	20 25	24 11	16 0	0 24
S 30	22 15	11 54	5 11	14 7	3 46	15 47	1 17	11 55	0 41	7 12	1 25	6 32	2 11	20 17	0 38	13 7	0 55	26 4	3 1	20 32	20 25	24 10	16 1	0 24
M31	22n23	6n 5	4n48	14n24	3s40	16n 9	1s15	12n10	0s41	7n10	1n25	6s32	2s11	20n16	0n38	13s 7	0s55	26n 4	3n 1	20n32	20n24	24s 9	16n 1	0s24

Julian Day Number = 1976853.5, Delta T = 01h00m45s
Ecliptic obliquity = 23°36'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'15, Lahiri = 5°45'16 Julian Calendar 1 May 700 == Greg. Calendar 5 May 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

JUNE 700 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 50 43	12♊57'10	9♎22	21♉ 3	19♉21	4♉19	15♍16	18♓43	2♌56	27°R58	12♋ 8	1♊ 7	0♊27	2♒42	14♉56	T 1
W 2	16 54 40	13°54'19	22°40	21°54	20°33	5° 2	15°20	18°45	2°58	27♒58	12°10	1° 8	0°23	2°48	14°59	W 2
T 3	16 58 37	14°51'27	5♏42	22°49	21°46	5°44	15°25	18°48	3° 1	27°58	12°11	1° 9	0°20	2°55	15° 3	T 3
F 4	17 2 33	15°48'36	18°31	23°49	22°58	6°27	15°29	18°50	3° 4	27°57	12°13	1°10	0°17	3° 2	15° 6	F 4
S 5	17 6 30	16°45'43	1♐ 7	24°52	24°11	7°10	15°34	18°53	3° 7	27°57	12°14	1°R11	0°14	3° 8	15°10	S 5
S 6	17 10 26	17°42'51	13°32	26° 0	25°24	7°52	15°39	18°55	3°10	27°57	12°16	1°10	0°11	3°15	15°13	S 6
M 7	17 14 23	18°39'58	25°46	27°11	26°36	8°35	15°44	18°57	3°12	27°57	12°17	1° 9	0° 8	3°22	15°16	M 7
T 8	17 18 19	19°37'06	7♑52	28°26	27°49	9°17	15°49	18°59	3°15	27°56	12°19	1° 7	0° 4	3°29	15°20	T 8
W 9	17 22 16	20°34'13	19°51	29°45	29° 2	10° 0	15°54	19° 1	3°18	27°56	12°20	1° 4	0° 1	3°35	15°23	W 9
T 10	17 26 12	21°31'21	1♒45	1♊ 8	0♊14	10°42	16° 0	19° 3	3°21	27°56	12°22	1° 1	29♉58	3°42	15°26	T 10
F 11	17 30 9	22°28'29	13°36	2°35	1°27	11°24	16° 5	19° 5	3°24	27°55	12°23	0°58	29°55	3°49	15°29	F 11
S 12	17 34 6	23°25'37	25°29	4° 5	2°40	12° 6	16°11	19° 6	3°27	27°55	12°25	0°55	29°52	3°55	15°33	S 12
S 13	17 38 2	24°22'45	7♓26	5°39	3°53	12°48	16°17	19° 8	3°30	27°54	12°27	0°53	29°49	4° 2	15°36	S 13
M14	17 41 59	25°19'54	19°32	7°16	5° 5	13°30	16°23	19° 9	3°34	27°54	12°28	0°52	29°45	4° 9	15°39	M14
T 15	17 45 55	26°17'03	1♈52	8°57	6°18	14°12	16°29	19°11	3°37	27°53	12°30	0°D52	29°42	4°16	15°42	T 15
W16	17 49 52	27°14'12	14°29	10°41	7°31	14°54	16°35	19°12	3°40	27°52	12°31	0°53	29°39	4°22	15°45	W16
T 17	17 53 48	28°11'22	27°27	12°28	8°44	15°36	16°42	19°13	3°43	27°52	12°33	0°54	29°36	4°29	15°48	T 17
F 18	17 57 45	29° 8'33	10♉50	14°18	9°57	16°18	16°48	19°14	3°46	27°51	12°35	0°55	29°33	4°36	15°51	F 18
S 19	18 1 41	0♋ 5'44	24°39	16°12	11°10	17° 0	16°55	19°15	3°49	27°51	12°36	0°R56	29°29	4°42	15°54	S 19
S 20	18 5 38	1° 2'55	8♊54	18° 8	12°23	17°41	17° 2	19°16	3°53	27°50	12°38	0°56	29°26	4°49	15°57	S 20
M21	18 9 35	2° 0'08	23°32	20° 6	13°36	18°23	17° 9	19°17	3°56	27°49	12°40	0°55	29°23	4°56	16° 0	M21
T 22	18 13 31	2°57'20	8♋27	22° 7	14°49	19° 4	17°16	19°17	3°59	27°48	12°41	0°52	29°20	5° 3	16° 3	T 22
W23	18 17 28	3°54'34	23°31	24° 9	16° 2	19°46	17°23	19°18	4° 3	27°48	12°43	0°48	29°17	5° 9	16° 6	W23
T 24	18 21 24	4°51'47	8♌34	26°13	17°15	20°27	17°30	19°18	4° 6	27°47	12°45	0°43	29°14	5°16	16° 8	T 24
F 25	18 25 21	5°49'01	23°27	28°19	18°29	21° 8	17°38	19°19	4° 9	27°46	12°46	0°38	29°10	5°23	16°11	F 25
S 26	18 29 17	6°46'15	8♍ 4	0♋25	19°42	21°49	17°46	19°19	4°13	27°45	12°48	0°35	29° 7	5°29	16°14	S 26
S 27	18 33 14	7°43'29	22°19	2°33	20°55	22°30	17°53	19°19	4°16	27°44	12°50	0°32	29° 4	5°36	16°17	S 27
M28	18 37 11	8°40'43	6♎10	4°40	22° 8	23°11	18° 1	19°R19	4°20	27°43	12°51	0°D31	29° 1	5°43	16°19	M28
T 29	18 41 7	9°37'58	19°38	6°48	23°21	23°52	18° 9	19°19	4°23	27°42	12°53	0°31	28°58	5°50	16°22	T 29
W30	18 45 4	10♋35'13	2♏45	8♋56	24♊35	24♉33	18♍17	19♓19	4♌27	27♒41	12♋55	0♊33	28♉55	5♒56	16♉24	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n31	0n 4	4n 9	14n43	3s33	16n31	1s14	12n25	0s40	7n 9	1n25	6s31	2s12	20n15	0n38	13s 7	0s55	26n 4	3n 1	20n32	20n23	24s 8	16n 2	0s25
W 2	22 38	5s50	3 17	15 4	3 25	16 52	1 12	12 40	0 40	7 7	1 24	6 30	2 12	20 15	0 38	13 7	0 55	26 4	3 2	20 32	20 23	24 6	16 3	0 25
T 3	22 45	11 23	2 16	15 26	3 17	17 13	1 10	12 55	0 39	7 5	1 24	6 29	2 12	20 14	0 38	13 7	0 55	26 3	3 2	20 32	20 22	24 5	16 4	0 25
F 4	22 51	16 21	1 9	15 49	3 8	17 34	1 7	13 10	0 38	7 3	1 24	6 28	2 12	20 13	0 38	13 8	0 55	26 3	3 2	20 32	20 21	24 4	16 5	0 25
S 5	22 57	20 31	0 0	16 14	2 59	17 54	1 5	13 24	0 38	7 1	1 24	6 28	2 13	20 13	0 38	13 8	0 55	26 3	3 2	20 32	20 21	24 3	16 6	0 25
S 6	23 2	23 42	1s 8	16 39	2 49	18 13	1 3	13 39	0 37	6 59	1 23	6 27	2 13	20 12	0 38	13 8	0 55	26 3	3 2	20 32	20 20	24 2	16 7	0 25
M 7	23 7	25 44	2 12	17 6	2 38	18 33	1 1	13 53	0 37	6 56	1 23	6 27	2 13	20 11	0 38	13 8	0 55	26 3	3 2	20 32	20 19	24 0	16 8	0 25
T 8	23 12	26 31	3 9	17 33	2 28	18 51	0 59	14 7	0 36	6 54	1 23	6 26	2 14	20 11	0 38	13 8	0 55	26 3	3 2	20 32	20 19	23 59	16 9	0 25
W 9	23 16	26 2	3 57	18 1	2 16	19 10	0 57	14 21	0 35	6 52	1 23	6 26	2 14	20 10	0 38	13 8	0 55	26 3	3 2	20 31	20 18	23 58	16 9	0 25
T 10	23 20	24 22	4 34	18 30	2 5	19 27	0 54	14 35	0 35	6 50	1 22	6 25	2 14	20 9	0 38	13 8	0 55	26 3	3 2	20 30	20 17	23 57	16 10	0 26
F 11	23 24	21 38	5 0	18 59	1 53	19 45	0 52	14 49	0 34	6 47	1 22	6 25	2 14	20 9	0 38	13 9	0 55	26 3	3 2	20 30	20 17	23 55	16 11	0 26
S 12	23 27	18 1	5 13	19 28	1 41	20 2	0 50	15 3	0 33	6 45	1 22	6 24	2 15	20 8	0 38	13 9	0 55	26 2	3 2	20 29	20 16	23 54	16 12	0 26
S 13	23 29	13 39	5 12	19 57	1 29	20 18	0 47	15 16	0 33	6 42	1 22	6 24	2 15	20 7	0 38	13 9	0 55	26 2	3 2	20 29	20 15	23 53	16 13	0 26
M14	23 32	8 43	4 58	20 25	1 16	20 34	0 45	15 30	0 32	6 40	1 22	6 24	2 15	20 6	0 38	13 9	0 55	26 2	3 2	20 28	20 14	23 52	16 14	0 26
T 15	23 33	3 22	4 29	20 54	1 4	20 49	0 43	15 43	0 31	6 37	1 21	6 23	2 16	20 6	0 38	13 9	0 55	26 2	3 2	20 28	20 14	23 50	16 14	0 26
W16	23 35	2n15	3 48	21 22	0 51	21 3	0 40	15 56	0 31	6 34	1 21	6 23	2 16	20 5	0 38	13 10	0 55	26 2	3 2	20 29	20 13	23 49	16 15	0 26
T 17	23 36	7 57	2 53	21 48	0 39	21 18	0 38	16 9	0 30	6 32	1 21	6 23	2 16	20 4	0 38	13 10	0 55	26 2	3 2	20 29	20 12	23 48	16 16	0 26
F 18	23 36	13 28	1 48	22 14	0 27	21 31	0 35	16 22	0 30	6 29	1 21	6 23	2 16	20 3	0 38	13 10	0 55	26 2	3 2	20 29	20 12	23 46	16 17	0 27
S 19	23 36	18 31	0 34	22 39	0 15	21 44	0 33	16 34	0 29	6 26	1 20	6 23	2 17	20 2	0 38	13 10	0 55	26 2	3 2	20 29	20 11	23 45	16 17	0 27
S 20	23 36	22 39	0n43	23 2	0 3	21 56	0 30	16 47	0 28	6 23	1 20	6 22	2 17	20 2	0 38	13 11	0 56	26 2	3 2	20 29	20 10	23 44	16 18	0 27
M21	23 36	25 27	2 0	23 23	0n 9	22 8	0 28	16 59	0 27	6 20	1 20	6 22	2 17	20 1	0 38	13 11	0 56	26 1	3 2	20 29	20 10	23 43	16 19	0 27
T 22	23 35	26 30	3 11	23 42	0 20	22 19	0 25	17 11	0 27	6 17	1 20	6 22	2 17	20 0	0 38	13 11	0 56	26 1	3 2	20 29	20 9	23 41	16 20	0 27
W23	23 33	25 37	4 8	23 59	0 30	22 29	0 23	17 23	0 26	6 14	1 20	6 23	2 18	19 59	0 38	13 12	0 56	26 1	3 2	20 28	20 8	23 40	16 20	0 27
T 24	23 31	22 53	4 48	24 14	0 41	22 39	0 20	17 35	0 25	6 11	1 19	6 23	2 18	19 58	0 38	13 12	0 56	26 1	3 2	20 27	20 8	23 39	16 21	0 27
F 25	23 29	18 39	5 9	24 26	0 50	22 48	0 18	17 46	0 25	6 8	1 19	6 23	2 18	19 58	0 38	13 12	0 56	26 1	3 3	20 26	20 7	23 37	16 22	0 27
S 26	23 26	13 22	5 8	24 35	0 59	22 57	0 15	17 58	0 24	6 5	1 19	6 23	2 19	19 57	0 37	13 13	0 56	26 1	3 3	20 25	20 6	23 36	16 22	0 27
S 27	23 23	7 29	4 49	24 42	1 7	23 5	0 13	18 9	0 23	6 2	1 19	6 23	2 19	19 56	0 37	13 13	0 56	26 1	3 3	20 24	20 6	23 35	16 23	0 28
M28	23 19	1 24	4 13	24 46	1 14	23 12	0 10	18 20	0 23	5 58	1 19	6 23	2 19	19 55	0 37	13 13	0 56	26 1	3 3	20 24	20 5	23 33	16 24	0 28
T 29	23 15	4s35	3 24	24 47	1 21	23 19	0 8	18 31	0 22	5 55	1 18	6 24	2 19	19 54	0 37	13 14	0 56	26 1	3 3	20 24	20 4	23 32	16 24	0 28
W30	23n11	10s14	2n25	24n45	1n27	23n25	0s 5	18n42	0s21	5n52	1n18	6s24	2s20	19n54	0n37	13s14	0s56	26n 1	3n 3	20n25	20n 3	23s30	16n25	0s28

Julian Day Number = 1976884.5, Delta T = 01h00m45s
Ecliptic obliquity = 23°36'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'19, Lahiri = 5°45'20 Julian Calendar 1 June 700 == Greg. Calendar 5 June 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

JULY 700 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 49 0	11♋32'28	15♏33	11♋ 3	25♊48	25♉14	18♍25	19°R18	4♌30	27°R40	12♋56	0♊34	28♉51	6♒ 3	16♉27	T 1
F 2	18 52 57	12°29'44	28° 5	13° 9	27° 1	25°55	18°34	19♓18	4°34	27♒39	12°58	0°R35	28°48	6°10	16°29	F 2
S 3	18 56 53	13°27'01	10♐25	15°15	28°15	26°36	18°42	19°17	4°37	27°38	13° 0	0°35	28°45	6°16	16°32	S 3
S 4	19 0 50	14°24'18	22°36	17°20	29°28	27°16	18°51	19°17	4°41	27°37	13° 1	0°32	28°42	6°23	16°34	S 4
M 5	19 4 46	15°21'36	4♑39	19°23	0♋42	27°57	18°59	19°16	4°44	27°36	13° 3	0°28	28°39	6°30	16°37	M 5
T 6	19 8 43	16°18'55	16°37	21°26	1°55	28°37	19° 8	19°15	4°48	27°35	13° 5	0°22	28°35	6°37	16°39	T 6
W 7	19 12 40	17°16'15	28°31	23°27	3° 9	29°17	19°17	19°15	4°51	27°34	13° 6	0°14	28°32	6°43	16°41	W 7
T 8	19 16 36	18°13'35	10♒23	25°26	4°22	29°58	19°26	19°14	4°55	27°33	13° 8	0° 5	28°29	6°50	16°44	T 8
F 9	19 20 33	19°10'57	22°15	27°24	5°36	0♊38	19°35	19°12	4°59	27°31	13°10	29♉56	28°26	6°57	16°46	F 9
S 10	19 24 29	20° 8'20	4♓ 9	29°21	6°49	1°18	19°44	19°11	5° 2	27°30	13°11	29°47	28°23	7° 3	16°48	S 10
S 11	19 28 26	21° 5'43	16° 7	1♌16	8° 3	1°58	19°53	19°10	5° 6	27°29	13°13	29°40	28°20	7°10	16°50	S 11
M12	19 32 22	22° 3'08	28°13	3°10	9°16	2°38	20° 3	19° 9	5° 9	27°28	13°15	29°35	28°16	7°17	16°52	M12
T 13	19 36 19	23° 0'35	10♈31	5° 2	10°30	3°18	20°12	19° 7	5°13	27°26	13°16	29°33	28°13	7°24	16°54	T 13
W14	19 40 15	23°58'02	23° 4	6°52	11°44	3°58	20°22	19° 5	5°17	27°25	13°18	29°D32	28°10	7°30	16°56	W14
T 15	19 44 12	24°55'31	5♉57	8°41	12°58	4°38	20°32	19° 4	5°20	27°24	13°20	29°32	28° 7	7°37	16°58	T 15
F 16	19 48 9	25°53'02	19°14	10°28	14°11	5°17	20°41	19° 2	5°24	27°23	13°21	29°33	28° 4	7°44	17° 0	F 16
S 17	19 52 5	26°50'34	2♊59	12°14	15°25	5°57	20°51	19° 0	5°28	27°21	13°23	29°R33	28° 1	7°50	17° 2	S 17
S 18	19 56 2	27°48'07	17°11	13°58	16°39	6°36	21° 1	18°58	5°32	27°20	13°25	29°32	27°57	7°57	17° 3	S 18
M19	19 59 58	28°45'42	1♋50	15°41	17°53	7°16	21°11	18°56	5°35	27°18	13°26	29°29	27°54	8° 4	17° 5	M19
T 20	20 3 55	29°43'19	16°51	17°22	19° 7	7°55	21°21	18°54	5°39	27°17	13°28	29°23	27°51	8°11	17° 7	T 20
W21	20 7 51	0♌40'57	2♌ 5	19° 1	20°21	8°34	21°32	18°52	5°43	27°16	13°29	29°15	27°48	8°17	17° 8	W21
T 22	20 11 48	1°38'36	17°23	20°40	21°35	9°14	21°42	18°49	5°46	27°14	13°31	29° 6	27°45	8°24	17°10	T 22
F 23	20 15 45	2°36'16	2♍32	22°16	22°49	9°53	21°52	18°47	5°50	27°13	13°33	28°57	27°41	8°31	17°11	F 23
S 24	20 19 41	3°33'57	17°24	23°51	24° 3	10°32	22° 3	18°44	5°54	27°11	13°34	28°49	27°38	8°37	17°13	S 24
S 25	20 23 38	4°31'39	1♎51	25°25	25°17	11°11	22°13	18°42	5°58	27°10	13°36	28°43	27°35	8°44	17°14	S 25
M26	20 27 34	5°29'23	15°49	26°57	26°31	11°50	22°24	18°39	6° 1	27° 8	13°37	28°39	27°32	8°51	17°16	M26
T 27	20 31 31	6°27'07	29°20	28°28	27°45	12°28	22°35	18°36	6° 5	27° 7	13°39	28°37	27°29	8°58	17°17	T 27
W28	20 35 27	7°24'53	12♏24	29°57	28°59	13° 7	22°46	18°33	6° 9	27° 5	13°41	28°D37	27°26	9° 4	17°18	W28
T 29	20 39 24	8°22'40	25° 6	1♍24	0♌13	13°45	22°57	18°31	6°13	27° 4	13°42	28°R38	27°22	9°11	17°19	T 29
F 30	20 43 20	9°20'29	7♐31	2°51	1°27	14°24	23° 7	18°27	6°16	27° 2	13°44	28°37	27°19	9°18	17°21	F 30
S 31	20 47 17	10♌18'19	19♐42	4♍15	2♌41	15♊ 2	23♍19	18♓24	6♌20	27♒ 1	13♋45	28♉36	27♉16	9♒24	17♉22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	15s19	1n21	24n41	1n32	23n30	0s 3	18n53	0s20	5n48	1n18	6s24	2s20	19n53	0n37	13s14	0s56	26n 0	3n 3	20n25	20n 3	23s29	16n25	0s28
F 2	23 1	19 39	0 14	24 34	1 37	23 34	0 0	19 3	0 20	5 45	1 18	6 25	2 20	19 52	0 37	13 15	0 56	26 0	3 3	20 25	20 2	23 28	16 26	0 28
S 3	22 55	23 3	0s53	24 24	1 41	23 38	0n 2	19 13	0 19	5 41	1 18	6 25	2 21	19 51	0 37	13 15	0 56	26 0	3 3	20 25	20 1	23 26	16 27	0 28
S 4	22 49	25 20	1 56	24 11	1 44	23 41	0 5	19 24	0 18	5 38	1 17	6 26	2 21	19 50	0 37	13 16	0 56	26 0	3 3	20 24	20 1	23 25	16 27	0 28
M 5	22 43	26 25	2 53	23 56	1 46	23 44	0 7	19 33	0 17	5 34	1 17	6 26	2 21	19 49	0 37	13 16	0 56	26 0	3 3	20 24	20 0	23 23	16 28	0 29
T 6	22 36	26 15	3 42	23 39	1 47	23 45	0 10	19 43	0 17	5 30	1 17	6 27	2 21	19 48	0 37	13 16	0 56	26 0	3 3	20 22	19 59	23 22	16 28	0 29
W 7	22 29	24 52	4 21	23 20	1 48	23 46	0 12	19 53	0 16	5 27	1 17	6 27	2 22	19 47	0 37	13 17	0 56	26 0	3 3	20 20	19 58	23 21	16 29	0 29
T 8	22 21	22 23	4 49	22 59	1 48	23 47	0 15	20 2	0 15	5 23	1 17	6 28	2 22	19 47	0 37	13 17	0 56	26 0	3 3	20 19	19 58	23 19	16 29	0 29
F 9	22 13	18 58	5 4	22 35	1 48	23 46	0 17	20 11	0 14	5 19	1 16	6 29	2 22	19 46	0 37	13 18	0 56	26 0	3 3	20 17	19 57	23 18	16 30	0 29
S 10	22 5	14 47	5 5	22 10	1 47	23 45	0 19	20 21	0 14	5 16	1 16	6 29	2 22	19 45	0 37	13 18	0 56	26 0	3 4	20 15	19 56	23 16	16 30	0 29
S 11	21 56	10 1	4 54	21 44	1 45	23 43	0 22	20 29	0 13	5 12	1 16	6 30	2 23	19 44	0 37	13 19	0 56	25 59	3 4	20 13	19 56	23 15	16 31	0 29
M12	21 47	4 49	4 29	21 15	1 43	23 41	0 24	20 38	0 12	5 8	1 16	6 31	2 23	19 43	0 37	13 19	0 56	25 59	3 4	20 12	19 55	23 13	16 31	0 30
T 13	21 38	0n38	3 52	20 46	1 40	23 38	0 26	20 47	0 11	5 4	1 16	6 32	2 23	19 42	0 37	13 20	0 56	25 59	3 4	20 12	19 54	23 12	16 32	0 30
W14	21 28	6 12	3 3	20 15	1 37	23 34	0 29	20 55	0 11	5 0	1 16	6 33	2 24	19 41	0 37	13 20	0 56	25 59	3 4	20 12	19 54	23 10	16 32	0 30
T 15	21 18	11 40	2 3	19 43	1 33	23 29	0 31	21 3	0 10	4 56	1 15	6 34	2 24	19 40	0 37	13 21	0 56	25 59	3 4	20 12	19 53	23 9	16 33	0 30
F 16	21 7	16 47	0 55	19 10	1 29	23 24	0 33	21 11	0 9	4 52	1 15	6 35	2 24	19 39	0 37	13 21	0 56	25 59	3 4	20 12	19 52	23 7	16 33	0 30
S 17	20 56	21 12	0n18	18 36	1 24	23 18	0 35	21 19	0 8	4 48	1 15	6 35	2 24	19 38	0 37	13 22	0 56	25 59	3 4	20 12	19 51	23 6	16 33	0 30
S 18	20 45	24 32	1 33	18 1	1 19	23 11	0 38	21 27	0 7	4 44	1 15	6 37	2 25	19 38	0 37	13 22	0 56	25 59	3 4	20 12	19 51	23 4	16 34	0 30
M19	20 33	26 19	2 43	17 26	1 14	23 4	0 40	21 34	0 7	4 40	1 15	6 38	2 25	19 37	0 37	13 23	0 56	25 59	3 4	20 11	19 50	23 3	16 34	0 30
T 20	20 21	26 15	3 44	16 49	1 8	22 56	0 42	21 41	0 6	4 35	1 15	6 39	2 25	19 36	0 37	13 23	0 56	25 59	3 4	20 10	19 49	23 1	16 35	0 31
W21	20 9	24 13	4 30	16 13	1 2	22 47	0 44	21 48	0 5	4 31	1 14	6 40	2 25	19 35	0 37	13 24	0 56	25 59	3 4	20 8	19 49	23 0	16 35	0 31
T 22	19 56	20 27	4 57	15 35	0 56	22 37	0 46	21 55	0 4	4 27	1 14	6 41	2 26	19 34	0 37	13 24	0 57	25 59	3 5	20 6	19 48	22 58	16 35	0 31
F 23	19 43	15 20	5 3	14 58	0 49	22 27	0 48	22 2	0 3	4 23	1 14	6 42	2 26	19 33	0 37	13 25	0 57	25 58	3 5	20 4	19 47	22 57	16 35	0 31
S 24	19 30	9 25	4 48	14 19	0 42	22 16	0 50	22 9	0 3	4 18	1 14	6 43	2 26	19 32	0 37	13 25	0 57	25 58	3 5	20 2	19 46	22 55	16 36	0 31
S 25	19 16	3 9	4 15	13 41	0 35	22 5	0 52	22 15	0 2	4 14	1 14	6 45	2 26	19 31	0 37	13 26	0 57	25 58	3 5	20 1	19 46	22 54	16 36	0 31
M26	19 2	3s 5	3 27	13 2	0 27	21 53	0 54	22 21	0 1	4 10	1 14	6 46	2 27	19 30	0 37	13 26	0 57	25 58	3 5	20 0	19 45	22 52	16 36	0 31
T 27	18 48	8 59	2 29	12 24	0 19	21 40	0 56	22 27	0 0	4 5	1 14	6 47	2 27	19 29	0 37	13 27	0 57	25 58	3 5	20 0	19 44	22 51	16 37	0 31
W28	18 33	14 19	1 25	11 45	0 11	21 26	0 57	22 33	0n 1	4 1	1 13	6 48	2 27	19 28	0 37	13 27	0 57	25 58	3 5	20 0	19 43	22 49	16 37	0 32
T 29	18 18	18 52	0 19	11 6	0 3	21 12	0 59	22 38	0 2	3 56	1 13	6 50	2 27	19 27	0 37	13 28	0 57	25 58	3 5	20 0	19 43	22 48	16 37	0 32
F 30	18 3	22 29	0s47	10 27	0s 5	20 58	1 1	22 44	0 3	3 52	1 13	6 51	2 27	19 26	0 37	13 28	0 57	25 58	3 5	20 0	19 42	22 46	16 37	0 32
S 31	17n47	25s 1	1s49	9n49	0s14	20n42	1n 2	22n49	0n 3	3n47	1n13	6s53	2s28	19n26	0n37	13s29	0s57	25n58	3n 5	19n59	19n41	22s44	16n37	0s32

Julian Day Number = 1976914.5, Delta T = 01h00m44s
Ecliptic obliquity = 23°36'30, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'24, Lahiri = 5°45'24 Julian Calendar 1 July 700 == Greg. Calendar 5 July 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

AUGUST 700 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 51 13	11♌16'10	1♉43	5♍38	3♌56	15♊41	23♍30	18°R21	6♌24	26°R59	13♋47	28°R31	27♉13	9♒31	17♉23	S 1
M 2	20 55 10	12°14'02	13°39	6°59	5°10	16°19	23°41	18♓18	6°27	26♒57	13°48	28♉24	27°10	9°38	17°24	M 2
T 3	20 59 7	13°11'56	25°32	8°19	6°24	16°57	23°52	18°15	6°31	26°56	13°50	28°14	27° 7	9°45	17°25	T 3
W 4	21 3 3	14° 9'51	7♒24	9°37	7°38	17°35	24° 3	18°11	6°35	26°54	13°51	28° 2	27° 3	9°51	17°25	W 4
T 5	21 7 0	15° 7'49	19°17	10°53	8°53	18°13	24°15	18° 8	6°39	26°53	13°53	27°49	27° 0	9°58	17°26	T 5
F 6	21 10 56	16° 5'47	1♓12	12° 8	10° 7	18°51	24°26	18° 4	6°42	26°51	13°54	27°35	26°57	10° 5	17°27	F 6
S 7	21 14 53	17° 3'48	13°10	13°21	11°21	19°29	24°38	18° 1	6°46	26°49	13°56	27°23	26°54	10°11	17°28	S 7
S 8	21 18 49	18° 1'50	25°13	14°31	12°36	20° 6	24°49	17°57	6°50	26°48	13°57	27°12	26°51	10°18	17°28	S 8
M 9	21 22 46	18°59'54	7♈24	15°40	13°50	20°44	25° 1	17°53	6°53	26°46	13°58	27° 3	26°47	10°25	17°29	M 9
T 10	21 26 42	19°58'00	19°45	16°46	15° 5	21°21	25°13	17°49	6°57	26°45	14° 0	26°58	26°44	10°32	17°29	T 10
W11	21 30 39	20°56'08	2♉19	17°51	16°19	21°59	25°24	17°45	7° 1	26°43	14° 1	26°55	26°41	10°38	17°30	W11
T 12	21 34 36	21°54'18	15°10	18°53	17°34	22°36	25°36	17°41	7° 4	26°41	14° 3	26°54	26°38	10°45	17°30	T 12
F 13	21 38 32	22°52'30	28°21	19°52	18°48	23°13	25°48	17°37	7° 8	26°40	14° 4	26°54	26°35	10°52	17°31	F 13
S 14	21 42 29	23°50'45	11♊57	20°49	20° 3	23°50	26° 0	17°33	7°12	26°38	14° 5	26°53	26°32	10°58	17°31	S 14
S 15	21 46 25	24°49'01	25°59	21°43	21°17	24°27	26°12	17°29	7°15	26°36	14° 7	26°52	26°28	11° 5	17°31	S 15
M16	21 50 22	25°47'20	10♋28	22°34	22°32	25° 4	26°24	17°25	7°19	26°35	14° 8	26°47	26°25	11°12	17°31	M16
T 17	21 54 18	26°45'41	25°20	23°22	23°46	25°41	26°36	17°21	7°22	26°33	14° 9	26°40	26°22	11°19	17°32	T 17
W18	21 58 15	27°44'04	10♌29	24° 6	25° 1	26°18	26°48	17°17	7°26	26°31	14°11	26°31	26°19	11°25	17°32	W18
T 19	22 2 11	28°42'29	25°45	24°47	26°16	26°54	27° 0	17°12	7°30	26°30	14°12	26°20	26°16	11°32	17°R32	T 19
F 20	22 6 8	29°40'55	10♍57	25°23	27°30	27°31	27°12	17° 8	7°33	26°28	14°13	26° 9	26°13	11°39	17°32	F 20
S 21	22 10 5	0♍39'24	25°55	25°56	28°45	28° 7	27°25	17° 4	7°37	26°26	14°14	25°59	26° 9	11°45	17°32	S 21
S 22	22 14 1	1°37'54	10♎30	26°24	29°59	28°43	27°37	16°59	7°40	26°25	14°16	25°51	26° 6	11°52	17°31	S 22
M23	22 17 58	2°36'26	24°36	26°47	1♍15	29°19	27°49	16°55	7°44	26°23	14°17	25°45	26° 3	11°59	17°31	M23
T 24	22 21 54	3°35'00	8♏13	27° 5	2°29	29°55	28° 2	16°50	7°47	26°21	14°18	25°43	26° 0	12° 6	17°31	T 24
W25	22 25 51	4°33'35	21°21	27°17	3°44	0♋31	28°14	16°46	7°50	26°20	14°19	25°D42	25°57	12°12	17°31	W25
T 26	22 29 47	5°32'13	4♐ 5	27°23	4°59	1° 7	28°27	16°41	7°54	26°18	14°20	25°R42	25°53	12°19	17°30	T 26
F 27	22 33 44	6°30'52	16°29	27°R23	6°14	1°43	28°39	16°36	7°57	26°17	14°21	25°42	25°50	12°26	17°30	F 27
S 28	22 37 40	7°29'33	28°37	27°17	7°28	2°18	28°52	16°32	8° 1	26°15	14°23	25°40	25°47	12°33	17°29	S 28
S 29	22 41 37	8°28'15	10♑36	27° 3	8°43	2°54	29° 4	16°27	8° 4	26°13	14°24	25°36	25°44	12°39	17°29	S 29
M30	22 45 34	9°27'00	22°29	26°43	9°58	3°29	29°17	16°23	8° 7	26°12	14°25	25°29	25°41	12°46	17°28	M30
T 31	22 49 30	10♍25'46	4♒20	26♍15	11♍13	4♋ 4	29♍30	16♓18	8♌11	26♒10	14♋26	25♉20	25♉38	12♒53	17♉27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n31	26s22	2s46	9n10	0s22	20n27	1n 4	22n54	0n 4	3n43	1n13	6s54	2s28	19n25	0n37	13s30	0s57	25n58	3n 5	19n58	19n41	22s43	16n37	0s32
M 2	17 15	26 27	3 34	8 32	0 31	20 10	1 5	22 59	0 5	3 38	1 13	6 56	2 28	19 24	0 37	13 30	0 57	25 58	3 6	19 57	19 40	22 41	16 38	0 32
T 3	16 58	25 20	4 13	7 53	0 40	19 53	1 7	23 4	0 6	3 34	1 13	6 57	2 28	19 23	0 37	13 31	0 57	25 58	3 6	19 54	19 39	22 40	16 38	0 32
W 4	16 42	23 4	4 41	7 16	0 49	19 35	1 8	23 8	0 7	3 29	1 12	6 59	2 29	19 22	0 37	13 31	0 57	25 58	3 6	19 52	19 38	22 38	16 38	0 33
T 5	16 25	19 50	4 57	6 38	0 58	19 17	1 10	23 13	0 8	3 24	1 12	7 0	2 29	19 21	0 38	13 32	0 57	25 58	3 6	19 49	19 38	22 36	16 38	0 33
F 6	16 7	15 47	4 59	6 1	1 7	18 58	1 11	23 17	0 9	3 20	1 12	7 2	2 29	19 20	0 38	13 32	0 57	25 58	3 6	19 46	19 37	22 35	16 38	0 33
S 7	15 50	11 6	4 49	5 25	1 17	18 39	1 12	23 21	0 10	3 15	1 12	7 3	2 29	19 19	0 38	13 33	0 57	25 58	3 6	19 43	19 36	22 33	16 38	0 33
S 8	15 32	5 58	4 25	4 49	1 26	18 19	1 13	23 25	0 10	3 10	1 12	7 5	2 29	19 18	0 38	13 34	0 57	25 58	3 6	19 40	19 35	22 32	16 38	0 33
M 9	15 14	0 33	3 50	4 14	1 35	17 59	1 15	23 28	0 11	3 6	1 12	7 7	2 29	19 17	0 38	13 34	0 57	25 57	3 6	19 38	19 35	22 30	16 38	0 33
T 10	14 56	4n58	3 3	3 39	1 45	17 38	1 16	23 32	0 12	3 1	1 12	7 8	2 30	19 16	0 38	13 35	0 57	25 57	3 6	19 37	19 34	22 28	16 38	0 33
W11	14 37	10 23	2 6	3 5	1 54	17 17	1 17	23 35	0 13	2 56	1 12	7 10	2 30	19 15	0 38	13 35	0 57	25 57	3 7	19 36	19 33	22 27	16 38	0 34
T 12	14 18	15 31	1 2	2 33	2 3	16 55	1 18	23 38	0 14	2 51	1 12	7 12	2 30	19 14	0 38	13 36	0 57	25 57	3 7	19 36	19 32	22 25	16 38	0 34
F 13	13 59	20 4	0n 8	2 1	2 12	16 32	1 19	23 41	0 15	2 46	1 11	7 14	2 30	19 14	0 38	13 36	0 57	25 57	3 7	19 36	19 32	22 23	16 38	0 34
S 14	13 40	23 41	1 19	1 30	2 22	16 9	1 19	23 44	0 16	2 42	1 11	7 15	2 30	19 13	0 38	13 37	0 57	25 57	3 7	19 36	19 31	22 22	16 38	0 34
S 15	13 20	26 0	2 27	1 0	2 31	15 46	1 20	23 46	0 17	2 37	1 11	7 17	2 30	19 12	0 38	13 38	0 57	25 57	3 7	19 36	19 30	22 20	16 38	0 34
M16	13 1	26 39	3 28	0 32	2 40	15 23	1 21	23 49	0 18	2 32	1 11	7 19	2 31	19 11	0 38	13 38	0 57	25 57	3 7	19 35	19 29	22 18	16 38	0 34
T 17	12 41	25 26	4 17	0 5	2 48	14 58	1 22	23 51	0 19	2 27	1 11	7 21	2 31	19 10	0 38	13 39	0 57	25 57	3 7	19 33	19 29	22 17	16 38	0 34
W18	12 21	22 21	4 49	0s20	2 57	14 34	1 22	23 53	0 20	2 22	1 11	7 22	2 31	19 9	0 38	13 39	0 57	25 57	3 7	19 31	19 28	22 15	16 38	0 35
T 19	12 0	17 43	5 0	0 44	3 5	14 9	1 23	23 55	0 21	2 17	1 11	7 24	2 31	19 8	0 38	13 40	0 57	25 57	3 8	19 28	19 27	22 13	16 38	0 35
F 20	11 40	11 58	4 50	1 6	3 13	13 43	1 23	23 57	0 22	2 12	1 11	7 26	2 31	19 7	0 38	13 40	0 57	25 57	3 8	19 26	19 26	22 11	16 37	0 35
S 21	11 19	5 37	4 21	1 26	3 20	13 18	1 24	23 58	0 23	2 7	1 11	7 28	2 31	19 6	0 38	13 41	0 57	25 57	3 8	19 23	19 26	22 10	16 37	0 35
S 22	10 58	0s54	3 34	1 44	3 27	12 52	1 24	24 0	0 24	2 2	1 11	7 30	2 31	19 5	0 38	13 42	0 57	25 57	3 8	19 21	19 25	22 8	16 37	0 35
M23	10 37	7 11	2 36	1 59	3 34	12 25	1 24	24 1	0 25	1 57	1 11	7 32	2 32	19 5	0 38	13 42	0 57	25 57	3 8	19 20	19 24	22 6	16 37	0 35
T 24	10 16	12 55	1 31	2 11	3 40	11 58	1 24	24 2	0 26	1 52	1 10	7 34	2 32	19 4	0 38	13 43	0 57	25 57	3 8	19 19	19 23	22 5	16 37	0 35
W25	9 54	17 52	0 23	2 21	3 45	11 31	1 25	24 3	0 27	1 47	1 10	7 35	2 32	19 3	0 38	13 43	0 57	25 57	3 8	19 19	19 23	22 3	16 36	0 36
T 26	9 33	21 50	0s44	2 28	3 50	11 4	1 25	24 4	0 28	1 42	1 10	7 37	2 32	19 2	0 38	13 44	0 57	25 57	3 8	19 19	19 22	22 1	16 36	0 36
F 27	9 11	24 42	1 48	2 31	3 53	10 36	1 25	24 4	0 29	1 37	1 10	7 39	2 32	19 1	0 38	13 44	0 57	25 57	3 9	19 19	19 21	21 59	16 36	0 36
S 28	8 49	26 21	2 45	2 31	3 56	10 8	1 25	24 5	0 30	1 32	1 10	7 41	2 32	19 0	0 38	13 45	0 57	25 57	3 9	19 19	19 20	21 58	16 36	0 36
S 29	8 27	26 44	3 34	2 26	3 57	9 40	1 25	24 5	0 31	1 27	1 10	7 43	2 32	18 59	0 38	13 46	0 57	25 57	3 9	19 18	19 20	21 56	16 35	0 36
M30	8 5	25 52	4 13	2 18	3 57	9 11	1 24	24 5	0 32	1 21	1 10	7 45	2 32	18 58	0 38	13 46	0 57	25 57	3 9	19 16	19 19	21 54	16 35	0 36
T 31	7n43	23s51	4s41	2s 6	3s55	8n42	1n24	24n 5	0n33	1n16	1n10	7s47	2s32	18n58	0n38	13s47	0s57	25n57	3n 9	19n14	19n18	21s52	16n35	0s36

Julian Day Number = 1976945.5, Delta T = 01h00m43s
Ecliptic obliquity = 23°36'30, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'28, Lahiri = 5°45'28 Julian Calendar 1 Aug. 700 == Greg. Calendar 5 Aug. 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

SEPTEMBER 700 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 53 27	11♍24'34	16♒12	25°R40	12♍28	4♋39	29♍42	16°R13	8♌14	26°R 9	14♋27	25°R 8	25♉34	12♒59	17°R27	W 1
T 2	22 57 23	12°23'24	28° 8	24♍58	13°43	5°14	29°55	16♓ 8	8°17	26♒ 7	14°28	24♉55	25°31	13° 6	17♉26	T 2
F 3	23 1 20	13°22'16	10♓ 9	24° 9	14°57	5°49	0♎ 8	16° 4	8°20	26° 5	14°29	24°42	25°28	13°13	17°25	F 3
S 4	23 5 16	14°21'10	22°16	23°14	16°12	6°24	0°21	15°59	8°24	26° 4	14°30	24°29	25°25	13°20	17°24	S 4
S 5	23 9 13	15°20'06	4♈29	22°14	17°27	6°59	0°33	15°54	8°27	26° 2	14°31	24°19	25°22	13°26	17°23	S 5
M 6	23 13 9	16°19'04	16°52	21° 9	18°42	7°33	0°46	15°50	8°30	26° 1	14°32	24°11	25°18	13°33	17°22	M 6
T 7	23 17 6	17°18'05	29°23	20° 2	19°57	8° 7	0°59	15°45	8°33	25°59	14°33	24° 5	25°15	13°40	17°21	T 7
W 8	23 21 3	18°17'08	12♉ 6	18°54	21°12	8°42	1°12	15°40	8°36	25°58	14°33	24° 3	25°12	13°46	17°20	W 8
T 9	23 24 59	19°16'13	25° 3	17°46	22°27	9°16	1°25	15°36	8°39	25°56	14°34	24°D 2	25° 9	13°53	17°19	T 9
F 10	23 28 56	20°15'21	8♊16	16°40	23°42	9°50	1°38	15°31	8°42	25°55	14°35	24° 2	25° 6	14° 0	17°18	F 10
S 11	23 32 52	21°14'31	21°48	15°39	24°57	10°23	1°51	15°26	8°45	25°53	14°36	24°R 3	25° 3	14° 7	17°16	S 11
S 12	23 36 49	22°13'44	5♋41	14°43	26°12	10°57	2° 4	15°21	8°48	25°52	14°37	24° 2	24°59	14°13	17°15	S 12
M13	23 40 45	23°12'58	19°55	13°55	27°27	11°30	2°17	15°17	8°51	25°50	14°38	23°59	24°56	14°20	17°14	M13
T 14	23 44 42	24°12'16	4♌29	13°16	28°42	12° 4	2°30	15°12	8°54	25°49	14°38	23°54	24°53	14°27	17°12	T 14
W15	23 48 38	25°11'36	19°19	12°46	29°57	12°37	2°43	15° 8	8°57	25°48	14°39	23°47	24°50	14°34	17°11	W15
T 16	23 52 35	26°10'57	4♍18	12°27	1♎12	13°10	2°56	15° 3	9° 0	25°46	14°40	23°38	24°47	14°40	17° 9	T 16
F 17	23 56 32	27°10'21	19°16	12°D18	2°27	13°43	3° 9	14°58	9° 3	25°45	14°40	23°29	24°44	14°47	17° 8	F 17
S 18	0 0 28	28° 9'48	4♎ 5	12°20	3°42	14°16	3°22	14°54	9° 5	25°44	14°41	23°21	24°40	14°54	17° 6	S 18
S 19	0 4 25	29° 9'16	18°35	12°33	4°57	14°48	3°35	14°49	9° 8	25°42	14°42	23°14	24°37	15° 0	17° 4	S 19
M20	0 8 21	0♎ 8'46	2♏42	12°57	6°12	15°21	3°48	14°45	9°11	25°41	14°42	23°10	24°34	15° 7	17° 3	M20
T 21	0 12 18	1° 8'18	16°22	13°30	7°27	15°53	4° 1	14°40	9°13	25°40	14°43	23° 8	24°31	15°14	17° 1	T 21
W22	0 16 14	2° 7'53	29°35	14°12	8°42	16°25	4°14	14°36	9°16	25°38	14°43	23°D 8	24°28	15°21	16°59	W22
T 23	0 20 11	3° 7'29	12♐23	15° 2	9°58	16°57	4°27	14°32	9°19	25°37	14°44	23° 9	24°24	15°27	16°57	T 23
F 24	0 24 7	4° 7'07	24°50	16° 0	11°13	17°29	4°40	14°27	9°21	25°36	14°44	23°10	24°21	15°34	16°55	F 24
S 25	0 28 4	5° 6'46	7♑ 1	17° 5	12°28	18° 0	4°53	14°23	9°24	25°35	14°45	23°R11	24°18	15°41	16°53	S 25
S 26	0 32 0	6° 6'28	19° 1	18°16	13°43	18°32	5° 7	14°19	9°26	25°34	14°45	23°10	24°15	15°47	16°51	S 26
M27	0 35 57	7° 6'11	0♒54	19°31	14°58	19° 3	5°20	14°15	9°28	25°32	14°46	23° 7	24°12	15°54	16°49	M27
T 28	0 39 54	8° 5'56	12°46	20°52	16°13	19°34	5°33	14°11	9°31	25°31	14°46	23° 2	24° 9	16° 1	16°47	T 28
W29	0 43 50	9° 5'43	24°40	22°16	17°28	20° 5	5°46	14° 7	9°33	25°30	14°46	22°55	24° 5	16° 8	16°45	W29
T 30	0 47 47	10♎ 5'32	6♓39	23♍43	18♎43	20♋35	5♎59	14♓ 3	9♌35	25♒29	14♋47	22♉47	24♉ 2	16♒14	16♉43	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n20	20s48	4s57	1s49	3s52	8n13	1n24	24n 5	0n34	1n11	1n10	7s49	2s32	18n57	0n38	13s47	0s57	25n57	3n 9	19n11	19n17	21s50	16n34	0s37
T 2	6 58	16 53	5 0	1 28	3 48	7 44	1 23	24 5	0 35	1 6	1 10	7 51	2 32	18 56	0 38	13 48	0 57	25 57	3 9	19 8	19 17	21 49	16 34	0 37
F 3	6 35	12 17	4 50	1 2	3 41	7 14	1 23	24 5	0 36	1 1	1 10	7 52	2 33	18 55	0 38	13 48	0 57	25 57	3 10	19 5	19 16	21 47	16 34	0 37
S 4	6 12	7 10	4 27	0 33	3 32	6 45	1 22	24 4	0 37	0 56	1 10	7 54	2 33	18 54	0 38	13 49	0 57	25 57	3 10	19 2	19 15	21 45	16 33	0 37
S 5	5 49	1 44	3 51	0n 1	3 22	6 15	1 22	24 3	0 38	0 50	1 10	7 56	2 33	18 54	0 38	13 49	0 57	25 57	3 10	18 59	19 14	21 43	16 33	0 37
M 6	5 26	3n51	3 4	0 38	3 9	5 45	1 21	24 2	0 39	0 45	1 10	7 58	2 33	18 53	0 38	13 50	0 57	25 57	3 10	18 57	19 14	21 41	16 32	0 37
T 7	5 3	9 21	2 7	1 18	2 55	5 14	1 21	24 2	0 40	0 40	1 10	8 0	2 33	18 52	0 38	13 50	0 57	25 57	3 10	18 56	19 13	21 40	16 32	0 37
W 8	4 40	14 35	1 3	1 59	2 39	4 44	1 20	24 0	0 41	0 35	1 10	8 2	2 33	18 51	0 38	13 51	0 57	25 57	3 10	18 55	19 12	21 38	16 32	0 38
T 9	4 17	19 15	0n 5	2 42	2 21	4 14	1 19	23 59	0 42	0 30	1 10	8 4	2 33	18 50	0 38	13 51	0 57	25 58	3 10	18 55	19 11	21 36	16 31	0 38
F 10	3 53	23 5	1 15	3 25	2 3	3 43	1 18	23 58	0 43	0 24	1 9	8 6	2 33	18 50	0 38	13 52	0 57	25 58	3 11	18 55	19 10	21 34	16 31	0 38
S 11	3 30	25 43	2 22	4 7	1 43	3 12	1 17	23 56	0 45	0 19	1 9	8 7	2 33	18 49	0 38	13 52	0 57	25 58	3 11	18 55	19 10	21 32	16 30	0 38
S 12	3 6	26 52	3 23	4 47	1 23	2 41	1 16	23 55	0 46	0 14	1 9	8 9	2 33	18 48	0 38	13 53	0 57	25 58	3 11	18 55	19 9	21 30	16 30	0 38
M13	2 43	26 17	4 13	5 25	1 2	2 10	1 15	23 53	0 47	0 9	1 9	8 11	2 33	18 47	0 38	13 53	0 57	25 58	3 11	18 54	19 8	21 29	16 29	0 38
T 14	2 19	23 55	4 47	5 59	0 42	1 39	1 14	23 51	0 48	0 4	1 9	8 13	2 33	18 47	0 38	13 54	0 57	25 58	3 11	18 53	19 7	21 27	16 29	0 38
W15	1 55	19 56	5 3	6 28	0 23	1 8	1 13	23 49	0 49	0s 2	1 9	8 15	2 33	18 46	0 38	13 54	0 57	25 58	3 11	18 51	19 7	21 25	16 28	0 39
T 16	1 32	14 38	4 59	6 53	0 4	0 37	1 12	23 47	0 50	0 7	1 9	8 16	2 33	18 45	0 38	13 55	0 57	25 58	3 11	18 49	19 6	21 23	16 27	0 39
F 17	1 8	8 29	4 35	7 13	0n14	0 6	1 10	23 45	0 51	0 12	1 9	8 18	2 33	18 44	0 38	13 55	0 57	25 58	3 12	18 47	19 5	21 21	16 27	0 39
S 18	0 44	1 54	3 52	7 27	0 31	0s26	1 9	23 43	0 53	0 17	1 9	8 20	2 33	18 44	0 38	13 56	0 57	25 58	3 12	18 44	19 4	21 19	16 26	0 39
S 19	0 20	4s39	2 54	7 36	0 46	0 57	1 8	23 40	0 54	0 23	1 9	8 22	2 33	18 43	0 38	13 56	0 57	25 58	3 12	18 43	19 3	21 17	16 26	0 39
M20	0s 4	10 49	1 47	7 40	1 0	1 28	1 6	23 38	0 55	0 28	1 9	8 23	2 33	18 42	0 38	13 57	0 57	25 58	3 12	18 42	19 3	21 15	16 25	0 39
T 21	0 27	16 16	0 36	7 39	1 12	1 59	1 5	23 35	0 56	0 33	1 9	8 25	2 33	18 42	0 39	13 57	0 57	25 58	3 12	18 41	19 2	21 14	16 24	0 39
W22	0 51	20 46	0s35	7 32	1 23	2 30	1 3	23 32	0 57	0 38	1 9	8 27	2 33	18 41	0 39	13 57	0 57	25 58	3 12	18 41	19 1	21 12	16 24	0 40
T 23	1 15	24 7	1 42	7 21	1 33	3 2	1 2	23 30	0 59	0 44	1 9	8 28	2 32	18 40	0 39	13 58	0 57	25 59	3 12	18 42	19 0	21 10	16 23	0 40
F 24	1 39	26 13	2 42	7 6	1 41	3 33	1 0	23 27	1 0	0 49	1 9	8 30	2 32	18 40	0 39	13 58	0 57	25 59	3 13	18 42	19 0	21 8	16 22	0 40
S 25	2 3	26 59	3 34	6 47	1 47	4 4	0 58	23 24	1 1	0 54	1 9	8 32	2 32	18 39	0 39	13 59	0 57	25 59	3 13	18 42	18 59	21 6	16 22	0 40
S 26	2 27	26 28	4 15	6 24	1 53	4 35	0 57	23 21	1 2	0 59	1 9	8 33	2 32	18 38	0 39	13 59	0 57	25 59	3 13	18 42	18 58	21 4	16 21	0 40
M27	2 50	24 44	4 46	5 58	1 57	5 6	0 55	23 18	1 4	1 5	1 9	8 35	2 32	18 38	0 39	13 59	0 57	25 59	3 13	18 41	18 57	21 2	16 20	0 40
T 28	3 14	21 56	5 3	5 29	2 0	5 36	0 53	23 14	1 5	1 10	1 9	8 36	2 32	18 37	0 39	14 0	0 57	25 59	3 13	18 40	18 56	21 0	16 20	0 40
W29	3 38	18 13	5 8	4 57	2 2	6 7	0 51	23 11	1 6	1 15	1 9	8 38	2 32	18 37	0 39	14 0	0 57	25 59	3 13	18 38	18 56	20 58	16 19	0 41
T 30	4s 1	13s45	4s59	4n23	2n 3	6s38	0n49	23n 8	1n 7	1s20	1n 9	8s39	2s32	18n36	0n39	14s 0	0s57	25n59	3n13	18n36	18n55	20s56	16n18	0s41

Julian Day Number = 1976976.5, Delta T = 01h00m42s
Ecliptic obliquity = 23°36'31, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'32, Lahiri = 5°45'32 Julian Calendar 1 Sept. 700 == Greg. Calendar 5 Sept. 700

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 700
geocentric

OCTOBER 700 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 51 43	11♎ 5'22	18♓46	25♍13	19♎58	21♋ 6	6♎12	13°R59	9♌38	25°R28	14♋47	22°R39	23♉59	16♒21	16°R40	F 1
S 2	0 55 40	12° 5'14	1♈ 3	26°46	21°13	21°36	6°25	13♓55	9°40	25♒27	14°47	22♉31	23°56	16°28	16♉38	S 2
S 3	0 59 36	13° 5'09	13°31	28°20	22°28	22° 6	6°38	13°51	9°42	25°26	14°48	22°25	23°53	16°34	16°36	S 3
M 4	1 3 33	14° 5'05	26°10	29°55	23°43	22°36	6°51	13°47	9°44	25°25	14°48	22°20	23°50	16°41	16°34	M 4
T 5	1 7 29	15° 5'03	9♉ 0	1♎32	24°59	23° 6	7° 4	13°44	9°46	25°24	14°48	22°18	23°46	16°48	16°31	T 5
W 6	1 11 26	16° 5'04	22° 2	3° 9	26°14	23°35	7°17	13°40	9°48	25°23	14°48	22°D17	23°43	16°55	16°29	W 6
T 7	1 15 23	17° 5'06	5♊16	4°47	27°29	24° 4	7°30	13°36	9°50	25°22	14°49	22°17	23°40	17° 1	16°26	T 7
F 8	1 19 19	18° 5'11	18°42	6°26	28°44	24°33	7°43	13°33	9°52	25°22	14°49	22°19	23°37	17° 8	16°24	F 8
S 9	1 23 16	19° 5'18	2♋21	8° 5	29°59	25° 2	7°56	13°30	9°54	25°21	14°49	22°20	23°34	17°15	16°21	S 9
S 10	1 27 12	20° 5'28	16°14	9°44	1♏14	25°31	8° 9	13°26	9°56	25°20	14°49	22°R21	23°30	17°22	16°19	S 10
M11	1 31 9	21° 5'39	0♌20	11°23	2°29	25°59	8°22	13°23	9°58	25°19	14°49	22°21	23°27	17°28	16°16	M11
T 12	1 35 5	22° 5'53	14°37	13° 2	3°44	26°27	8°35	13°20	9°59	25°18	14°49	22°19	23°24	17°35	16°14	T 12
W13	1 39 2	23° 6'08	29° 4	14°41	4°59	26°55	8°48	13°17	10° 1	25°18	14°R49	22°16	23°21	17°42	16°11	W13
T 14	1 42 58	24° 6'26	13♍36	16°20	6°15	27°23	9° 1	13°14	10° 3	25°17	14°49	22°12	23°18	17°48	16° 8	T 14
F 15	1 46 55	25° 6'46	28° 8	17°58	7°30	27°50	9°14	13°11	10° 4	25°16	14°49	22° 8	23°15	17°55	16° 6	F 15
S 16	1 50 52	26° 7'07	12♎32	19°37	8°45	28°17	9°27	13° 8	10° 6	25°16	14°49	22° 4	23°11	18° 2	16° 3	S 16
S 17	1 54 48	27° 7'31	26°44	21°15	10° 0	28°44	9°40	13° 5	10° 7	25°15	14°49	22° 2	23° 8	18° 9	16° 0	S 17
M18	1 58 45	28° 7'56	10♏39	22°52	11°15	29°10	9°52	13° 3	10° 9	25°15	14°49	22° 0	23° 5	18°15	15°57	M18
T 19	2 2 41	29° 8'23	24°12	24°30	12°30	29°37	10° 5	13° 0	10°10	25°14	14°48	21°D59	23° 2	18°22	15°55	T 19
W20	2 6 38	0♏ 8'52	7♐23	26° 7	13°45	0♌ 3	10°18	12°58	10°11	25°14	14°48	22° 0	22°59	18°29	15°52	W20
T 21	2 10 34	1° 9'22	20°13	27°44	15° 0	0°28	10°31	12°55	10°12	25°13	14°48	22° 2	22°55	18°36	15°49	T 21
F 22	2 14 31	2° 9'53	2♑42	29°21	16°16	0°54	10°43	12°53	10°14	25°13	14°48	22° 3	22°52	18°42	15°46	F 22
S 23	2 18 27	3°10'26	14°56	0♏57	17°31	1°19	10°56	12°51	10°15	25°12	14°48	22° 5	22°49	18°49	15°43	S 23
S 24	2 22 24	4°11'00	26°58	2°33	18°46	1°44	11° 8	12°49	10°16	25°12	14°47	22° 5	22°46	18°56	15°41	S 24
M25	2 26 21	5°11'36	8♒53	4° 9	20° 1	2° 8	11°21	12°47	10°17	25°12	14°47	22°R 6	22°43	19° 2	15°38	M25
T 26	2 30 17	6°12'13	20°46	5°44	21°16	2°33	11°33	12°45	10°18	25°11	14°47	22° 5	22°40	19° 9	15°35	T 26
W27	2 34 14	7°12'51	2♓40	7°20	22°31	2°57	11°46	12°43	10°19	25°11	14°46	22° 4	22°36	19°16	15°32	W27
T 28	2 38 10	8°13'30	14°42	8°55	23°46	3°20	11°58	12°42	10°20	25°11	14°46	22° 2	22°33	19°23	15°29	T 28
F 29	2 42 7	9°14'11	26°53	10°29	25° 1	3°43	12°11	12°40	10°21	25°11	14°46	22° 0	22°30	19°29	15°26	F 29
S 30	2 46 3	10°14'52	9♈18	12° 4	26°16	4° 6	12°23	12°39	10°21	25°11	14°45	21°58	22°27	19°36	15°23	S 30
S 31	2 50 0	11♏15'35	21♈57	13♏38	27♏31	4♌29	12♎35	12♓37	10♌22	25♒10	14♋45	21♉56	22♉24	19♒43	15♉20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s25	8s43	4s37	3n47	2n 3	7s 8	0n47	23n 4	1n 9	1s25	1n 9	8s41	2s32	18n35	0n39	14s 1	0s57	25n59	3n14	18n34	18n54	20s54	16n17	0s41
S 2	4 49	3 16	4 2	3 10	2 2	7 38	0 45	23 1	1 10	1 31	1 9	8 42	2 32	18 35	0 39	14 1	0 57	25 59	3 14	18 32	18 53	20 52	16 16	0 41
S 3	5 12	2n23	3 15	2 31	2 1	8 8	0 43	22 57	1 11	1 36	1 9	8 44	2 32	18 34	0 39	14 1	0 57	26 0	3 14	18 30	18 52	20 50	16 16	0 41
M 4	5 36	8 3	2 17	1 51	1 59	8 38	0 41	22 54	1 13	1 41	1 9	8 45	2 32	18 34	0 39	14 2	0 57	26 0	3 14	18 29	18 52	20 48	16 15	0 41
T 5	5 59	13 28	1 12	1 10	1 56	9 8	0 39	22 50	1 14	1 46	1 9	8 46	2 31	18 33	0 39	14 2	0 57	26 0	3 14	18 28	18 51	20 46	16 14	0 41
W 6	6 22	18 23	0 1	0 28	1 53	9 37	0 37	22 46	1 15	1 51	1 9	8 48	2 31	18 33	0 39	14 2	0 57	26 0	3 14	18 28	18 50	20 44	16 13	0 41
T 7	6 45	22 29	1n10	0s15	1 49	10 7	0 35	22 42	1 17	1 56	1 9	8 49	2 31	18 32	0 39	14 3	0 57	26 0	3 15	18 28	18 49	20 42	16 12	0 42
F 8	7 9	25 26	2 19	0 58	1 45	10 36	0 32	22 39	1 18	2 2	1 9	8 50	2 31	18 32	0 39	14 3	0 57	26 0	3 15	18 29	18 49	20 40	16 12	0 42
S 9	7 32	26 57	3 21	1 41	1 40	11 4	0 30	22 35	1 20	2 7	1 9	8 51	2 31	18 31	0 39	14 3	0 57	26 0	3 15	18 29	18 48	20 38	16 11	0 42
S 10	7 54	26 48	4 13	2 25	1 36	11 33	0 28	22 31	1 21	2 12	1 9	8 52	2 31	18 31	0 39	14 3	0 57	26 1	3 15	18 29	18 47	20 36	16 10	0 42
M11	8 17	24 56	4 50	3 9	1 31	12 1	0 26	22 27	1 22	2 17	1 9	8 53	2 31	18 30	0 39	14 4	0 57	26 1	3 15	18 29	18 46	20 34	16 9	0 42
T 12	8 40	21 29	5 10	3 53	1 25	12 29	0 23	22 23	1 24	2 22	1 9	8 55	2 31	18 30	0 39	14 4	0 57	26 1	3 15	18 29	18 45	20 32	16 8	0 42
W13	9 2	16 43	5 10	4 36	1 19	12 57	0 21	22 19	1 25	2 27	1 9	8 56	2 30	18 30	0 39	14 4	0 57	26 1	3 16	18 28	18 45	20 30	16 7	0 42
T 14	9 25	10 58	4 51	5 20	1 14	13 24	0 19	22 15	1 27	2 32	1 9	8 57	2 30	18 29	0 39	14 4	0 57	26 1	3 16	18 27	18 44	20 28	16 6	0 43
F 15	9 47	4 37	4 13	6 3	1 8	13 51	0 16	22 11	1 28	2 37	1 9	8 58	2 30	18 29	0 39	14 5	0 57	26 1	3 16	18 26	18 43	20 26	16 5	0 43
S 16	10 9	1s56	3 20	6 47	1 1	14 18	0 14	22 7	1 30	2 42	1 9	8 59	2 30	18 28	0 39	14 5	0 57	26 1	3 16	18 25	18 42	20 24	16 5	0 43
S 17	10 31	8 18	2 14	7 30	0 55	14 44	0 11	22 3	1 31	2 47	1 9	9 0	2 30	18 28	0 39	14 5	0 57	26 2	3 16	18 24	18 41	20 22	16 4	0 43
M18	10 53	14 8	1 2	8 12	0 49	15 10	0 9	21 59	1 33	2 52	1 9	9 0	2 30	18 28	0 40	14 5	0 57	26 2	3 16	18 24	18 40	20 20	16 3	0 43
T 19	11 15	19 9	0s12	8 54	0 42	15 36	0 7	21 55	1 34	2 57	1 10	9 1	2 29	18 27	0 40	14 5	0 57	26 2	3 16	18 24	18 40	20 18	16 2	0 43
W20	11 36	23 4	1 24	9 36	0 36	16 1	0 4	21 51	1 36	3 2	1 10	9 2	2 29	18 27	0 40	14 5	0 57	26 2	3 17	18 24	18 39	20 16	16 1	0 43
T 21	11 58	25 43	2 29	10 17	0 29	16 26	0 2	21 47	1 37	3 7	1 10	9 3	2 29	18 27	0 40	14 6	0 57	26 2	3 17	18 24	18 38	20 14	16 0	0 43
F 22	12 19	27 1	3 26	10 58	0 22	16 50	0s 1	21 43	1 39	3 12	1 10	9 3	2 29	18 26	0 40	14 6	0 57	26 2	3 17	18 25	18 37	20 12	15 59	0 44
S 23	12 40	26 56	4 12	11 38	0 16	17 14	0 3	21 38	1 41	3 17	1 10	9 4	2 29	18 26	0 40	14 6	0 56	26 3	3 17	18 25	18 36	20 10	15 58	0 44
S 24	13 0	25 35	4 46	12 18	0 9	17 37	0 6	21 34	1 42	3 22	1 10	9 5	2 29	18 26	0 40	14 6	0 56	26 3	3 17	18 25	18 36	20 7	15 57	0 44
M25	13 21	23 6	5 7	12 57	0 2	18 0	0 8	21 30	1 44	3 27	1 10	9 5	2 28	18 26	0 40	14 6	0 56	26 3	3 17	18 25	18 35	20 5	15 56	0 44
T 26	13 41	19 39	5 16	13 36	0s 4	18 23	0 11	21 27	1 45	3 32	1 10	9 6	2 28	18 25	0 40	14 6	0 56	26 3	3 18	18 25	18 34	20 3	15 55	0 44
W27	14 1	15 24	5 10	14 13	0 11	18 45	0 13	21 23	1 47	3 37	1 10	9 6	2 28	18 25	0 40	14 6	0 56	26 3	3 18	18 25	18 33	20 1	15 54	0 44
T 28	14 21	10 32	4 51	14 51	0 17	19 6	0 16	21 19	1 49	3 42	1 10	9 7	2 28	18 25	0 40	14 6	0 56	26 4	3 18	18 24	18 32	19 59	15 53	0 44
F 29	14 40	5 12	4 19	15 27	0 24	19 27	0 18	21 15	1 51	3 46	1 10	9 7	2 28	18 25	0 40	14 6	0 56	26 4	3 18	18 24	18 32	19 57	15 52	0 44
S 30	15 0	0n26	3 34	16 3	0 30	19 48	0 21	21 11	1 52	3 51	1 10	9 8	2 27	18 25	0 40	14 6	0 56	26 4	3 18	18 23	18 31	19 55	15 51	0 45
S 31	15s19	6n10	2s38	16s38	0s37	20s 7	0s23	21n 7	1n54	3s56	1n10	9s 8	2s27	18n25	0n40	14s 6	0s56	26n 4	3n18	18n23	18n30	19s53	15n50	0s45

Julian Day Number = 1977006.5, Delta T = 01h00m42s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'36, Lahiri = 5°45'37 Julian Calendar 1 Oct. 700 == Greg. Calendar 5 Oct. 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

NOVEMBER 700 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 53 56	12♏16'20	4♉53	15♏13	28♏46	4♌51	12♎48	12°R36	10♌23	25°R10	14°R44	21°R55	22♉21	19♒49	15°R17	M 1
T 2	2 57 53	13°17'06	18° 5	16°47	0♐ 1	5°13	13° 0	12♓35	10°23	25♒10	14♋44	21°D55	22°17	19°56	15♉14	T 2
W 3	3 1 50	14°17'53	1♊32	18°21	1°16	5°34	13°12	12°34	10°24	25°D10	14°43	21♉55	22°14	20° 3	15°11	W 3
T 4	3 5 46	15°18'41	15°12	19°55	2°31	5°55	13°24	12°33	10°24	25°10	14°43	21°56	22°11	20°10	15° 8	T 4
F 5	3 9 43	16°19'31	29° 3	21°28	3°46	6°16	13°36	12°32	10°25	25°10	14°42	21°56	22° 8	20°16	15° 5	F 5
S 6	3 13 39	17°20'23	13♋ 3	23° 2	5° 2	6°37	13°48	12°31	10°25	25°10	14°41	21°57	22° 5	20°23	15° 2	S 6
S 7	3 17 36	18°21'16	27°10	24°36	6°17	6°56	14° 0	12°31	10°26	25°11	14°41	21°57	22° 1	20°30	14°59	S 7
M 8	3 21 32	19°22'10	11♌20	26° 9	7°32	7°16	14°12	12°30	10°26	25°11	14°40	21°57	21°58	20°37	14°57	M 8
T 9	3 25 29	20°23'06	25°31	27°43	8°47	7°35	14°24	12°30	10°26	25°11	14°39	21°R57	21°55	20°43	14°54	T 9
W10	3 29 25	21°24'03	9♍42	29°16	10° 2	7°54	14°36	12°30	10°26	25°11	14°39	21°57	21°52	20°50	14°51	W10
T 11	3 33 22	22°25'02	23°50	0♐49	11°17	8°12	14°47	12°30	10°26	25°11	14°38	21°D57	21°49	20°57	14°48	T 11
F 12	3 37 19	23°26'02	7♎53	2°23	12°32	8°30	14°59	12°D29	10°R26	25°12	14°37	21°57	21°46	21° 3	14°45	F 12
S 13	3 41 15	24°27'03	21°47	3°56	13°47	8°47	15°10	12°30	10°26	25°12	14°36	21°57	21°42	21°10	14°42	S 13
S 14	3 45 12	25°28'05	5♏31	5°29	15° 2	9° 4	15°22	12°30	10°26	25°12	14°36	21°58	21°39	21°17	14°39	S 14
M15	3 49 8	26°29'08	19° 2	7° 2	16°17	9°20	15°33	12°30	10°26	25°13	14°35	21°R58	21°36	21°24	14°36	M15
T 16	3 53 5	27°30'12	2♐18	8°35	17°32	9°36	15°45	12°30	10°26	25°13	14°34	21°58	21°33	21°30	14°33	T 16
W17	3 57 1	28°31'18	15°18	10° 8	18°47	9°51	15°56	12°31	10°26	25°14	14°33	21°57	21°30	21°37	14°30	W17
T 18	4 0 58	29°32'24	28° 1	11°41	20° 1	10° 6	16° 7	12°31	10°25	25°14	14°32	21°57	21°27	21°44	14°27	T 18
F 19	4 4 54	0♐33'30	10♑29	13°14	21°16	10°21	16°18	12°32	10°25	25°15	14°31	21°55	21°23	21°51	14°25	F 19
S 20	4 8 51	1°34'37	22°43	14°46	22°31	10°34	16°29	12°33	10°25	25°15	14°31	21°54	21°20	21°57	14°22	S 20
S 21	4 12 48	2°35'45	4♒45	16°19	23°46	10°48	16°40	12°34	10°24	25°16	14°30	21°53	21°17	22° 4	14°19	S 21
M22	4 16 44	3°36'53	16°41	17°51	25° 1	11° 0	16°51	12°35	10°24	25°17	14°29	21°52	21°14	22°11	14°16	M22
T 23	4 20 41	4°38'02	28°33	19°23	26°16	11°12	17° 2	12°36	10°23	25°17	14°28	21°51	21°11	22°17	14°14	T 23
W24	4 24 37	5°39'10	10♓27	20°54	27°31	11°24	17°13	12°37	10°22	25°18	14°27	21°D51	21° 7	22°24	14°11	W24
T 25	4 28 34	6°40'19	22°26	22°24	28°46	11°35	17°23	12°39	10°22	25°19	14°26	21°51	21° 4	22°31	14° 8	T 25
F 26	4 32 30	7°41'29	4♈37	23°54	0♑ 1	11°45	17°34	12°40	10°21	25°19	14°25	21°53	21° 1	22°38	14° 6	F 26
S 27	4 36 27	8°42'38	17° 3	25°23	1°16	11°55	17°44	12°42	10°20	25°20	14°24	21°54	20°58	22°44	14° 3	S 27
S 28	4 40 23	9°43'48	29°48	26°51	2°30	12° 4	17°55	12°43	10°19	25°21	14°23	21°55	20°55	22°51	14° 0	S 28
M29	4 44 20	10°44'58	12♉54	28°18	3°45	12°13	18° 5	12°45	10°19	25°22	14°22	21°56	20°52	22°58	13°58	M29
T 30	4 48 17	11♐46'08	26♉22	29♐44	5♑ 0	12♌21	18♎15	12♓47	10♌18	25♒23	14♋20	21°R57	20♉48	23♒ 5	13♉55	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s38	11n47	1s33	17s12	0s43	20s27	0s26	21n 4	1n56	4s 1	1n10	9s 8	2s27	18n24	0n40	14s 6	0s56	26n 4	3n18	18n23	18n29	19s51	15n49	0s45
T 2	15 56	17 0	0 21	17 45	0 49	20 45	0 28	21 0	1 58	4 5	1 10	9 9	2 27	18 24	0 40	14 6	0 56	26 5	3 19	18 22	18 28	19 48	15 48	0 45
W 3	16 15	21 29	0n53	18 18	0 55	21 4	0 31	20 56	1 59	4 10	1 10	9 9	2 27	18 24	0 40	14 6	0 56	26 5	3 19	18 23	18 27	19 46	15 47	0 45
T 4	16 33	24 52	2 6	18 49	1 1	21 21	0 33	20 53	2 1	4 15	1 11	9 9	2 26	18 24	0 40	14 6	0 56	26 5	3 19	18 23	18 27	19 44	15 46	0 45
F 5	16 50	26 48	3 12	19 20	1 7	21 38	0 36	20 49	2 3	4 19	1 11	9 9	2 26	18 24	0 40	14 6	0 56	26 5	3 19	18 23	18 26	19 42	15 45	0 45
S 6	17 8	27 4	4 7	19 50	1 13	21 55	0 38	20 46	2 5	4 24	1 11	9 9	2 26	18 24	0 40	14 6	0 56	26 5	3 19	18 23	18 25	19 40	15 44	0 45
S 7	17 25	25 35	4 48	20 19	1 18	22 10	0 40	20 43	2 7	4 28	1 11	9 9	2 26	18 24	0 40	14 6	0 56	26 6	3 19	18 23	18 24	19 38	15 43	0 45
M 8	17 42	22 29	5 12	20 47	1 24	22 25	0 43	20 39	2 9	4 33	1 11	9 9	2 26	18 24	0 40	14 6	0 56	26 6	3 19	18 23	18 23	19 35	15 42	0 46
T 9	17 58	18 3	5 16	21 14	1 29	22 40	0 45	20 36	2 11	4 38	1 11	9 9	2 25	18 24	0 40	14 6	0 56	26 6	3 20	18 23	18 23	19 33	15 42	0 46
W10	18 14	12 38	5 2	21 40	1 34	22 53	0 47	20 33	2 12	4 42	1 11	9 9	2 25	18 24	0 41	14 6	0 56	26 6	3 20	18 23	18 22	19 31	15 41	0 46
T 11	18 30	6 35	4 29	22 4	1 39	23 7	0 50	20 30	2 14	4 46	1 11	9 9	2 25	18 24	0 41	14 6	0 56	26 7	3 20	18 23	18 21	19 29	15 40	0 46
F 12	18 46	0 14	3 41	22 28	1 43	23 19	0 52	20 28	2 16	4 51	1 11	9 9	2 25	18 24	0 41	14 6	0 56	26 7	3 20	18 23	18 20	19 27	15 39	0 46
S 13	19 1	6s 5	2 40	22 51	1 47	23 31	0 54	20 25	2 18	4 55	1 11	9 9	2 24	18 24	0 41	14 5	0 56	26 7	3 20	18 23	18 19	19 24	15 38	0 46
S 14	19 16	12 3	1 30	23 12	1 52	23 42	0 56	20 22	2 20	5 0	1 11	9 8	2 24	18 24	0 41	14 5	0 56	26 7	3 20	18 23	18 18	19 22	15 37	0 46
M15	19 30	17 21	0 16	23 32	1 55	23 52	0 58	20 20	2 22	5 4	1 12	9 8	2 24	18 24	0 41	14 5	0 56	26 7	3 20	18 23	18 18	19 20	15 36	0 46
T 16	19 45	21 42	0s57	23 51	1 59	24 1	1 1	20 17	2 24	5 8	1 12	9 8	2 24	18 24	0 41	14 5	0 56	26 8	3 21	18 23	18 17	19 18	15 35	0 46
W17	19 58	24 52	2 6	24 9	2 2	24 10	1 3	20 15	2 27	5 13	1 12	9 7	2 24	18 24	0 41	14 5	0 56	26 8	3 21	18 23	18 16	19 16	15 34	0 46
T 18	20 12	26 42	3 7	24 25	2 5	24 18	1 5	20 13	2 29	5 17	1 12	9 7	2 23	18 24	0 41	14 5	0 56	26 8	3 21	18 23	18 15	19 13	15 33	0 47
F 19	20 25	27 8	3 57	24 40	2 8	24 26	1 7	20 11	2 31	5 21	1 12	9 6	2 23	18 24	0 41	14 4	0 56	26 8	3 21	18 23	18 14	19 11	15 32	0 47
S 20	20 37	26 13	4 36	24 53	2 10	24 32	1 9	20 10	2 33	5 25	1 12	9 6	2 23	18 25	0 41	14 4	0 56	26 9	3 21	18 22	18 13	19 9	15 31	0 47
S 21	20 50	24 6	5 2	25 5	2 12	24 38	1 11	20 8	2 35	5 29	1 12	9 5	2 23	18 25	0 41	14 4	0 56	26 9	3 21	18 22	18 13	19 7	15 30	0 47
M22	21 1	20 57	5 15	25 16	2 13	24 43	1 13	20 6	2 37	5 33	1 12	9 5	2 23	18 25	0 41	14 4	0 56	26 9	3 21	18 22	18 12	19 4	15 29	0 47
T 23	21 13	16 57	5 14	25 25	2 15	24 48	1 14	20 5	2 39	5 37	1 12	9 4	2 22	18 25	0 41	14 4	0 56	26 9	3 21	18 21	18 11	19 2	15 28	0 47
W24	21 24	12 19	5 0	25 32	2 15	24 51	1 16	20 4	2 42	5 41	1 13	9 3	2 22	18 25	0 41	14 3	0 56	26 10	3 22	18 21	18 10	19 0	15 27	0 47
T 25	21 35	7 11	4 32	25 38	2 15	24 54	1 18	20 3	2 44	5 45	1 13	9 3	2 22	18 26	0 41	14 3	0 56	26 10	3 22	18 22	18 9	18 58	15 27	0 47
F 26	21 45	1 42	3 52	25 43	2 15	24 56	1 20	20 2	2 46	5 49	1 13	9 2	2 22	18 26	0 41	14 3	0 56	26 10	3 22	18 22	18 8	18 55	15 26	0 47
S 27	21 55	3n58	3 1	25 45	2 14	24 58	1 21	20 2	2 48	5 53	1 13	9 1	2 21	18 26	0 41	14 2	0 56	26 10	3 22	18 22	18 7	18 53	15 25	0 47
S 28	22 4	9 37	1 59	25 46	2 12	24 58	1 23	20 1	2 51	5 57	1 13	9 0	2 21	18 26	0 41	14 2	0 56	26 10	3 22	18 23	18 7	18 51	15 24	0 48
M29	22 13	15 2	0 50	25 46	2 10	24 58	1 25	20 1	2 53	6 1	1 13	8 59	2 21	18 27	0 41	14 2	0 56	26 11	3 22	18 23	18 6	18 48	15 23	0 48
T 30	22s21	19n52	0n24	25s43	2s 7	24s57	1s26	20n 1	2n55	6s 5	1n13	8s58	2s21	18n27	0n41	14s 1	0s56	26n11	3n22	18n23	18n 5	18s46	15n22	0s48

Julian Day Number = 1977037.5, Delta T = 01h00m41s
Ecliptic obliquity = 23°36'31, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'40, Lahiri = 5°45'41 Julian Calendar 1 Nov. 700 == Greg. Calendar 5 Nov. 700

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ASTRODIENST EPHEMERIS for the year 700
geocentric

DECEMBER 700 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 52 13	12♐47'19	10♊12	1♑ 7	6♑15	12♌28	18♎25	12♓49	10°R17	25♒24	14°R19	21°R56	20♉45	23♒11	13°R53	W 1
T 2	4 56 10	13°48'30	24°20	2°29	7°30	12°34	18°35	12°51	10♌16	25°25	14♋18	21♉54	20°42	23°18	13♉50	T 2
F 3	5 0 6	14°49'41	8♋41	3°48	8°44	12°40	18°45	12°53	10°14	25°26	14°17	21°51	20°39	23°25	13°48	F 3
S 4	5 4 3	15°50'53	23°11	5° 4	9°59	12°46	18°55	12°56	10°13	25°27	14°16	21°47	20°36	23°31	13°45	S 4
S 5	5 7 59	16°52'05	7♌43	6°16	11°14	12°50	19° 4	12°58	10°12	25°28	14°15	21°44	20°33	23°38	13°43	S 5
M 6	5 11 56	17°53'18	22°12	7°25	12°29	12°54	19°14	13° 1	10°11	25°29	14°14	21°41	20°29	23°45	13°41	M 6
T 7	5 15 53	18°54'30	6♍32	8°29	13°43	12°57	19°23	13° 3	10°10	25°30	14°12	21°39	20°26	23°52	13°38	T 7
W 8	5 19 49	19°55'43	20°41	9°28	14°58	12°59	19°33	13° 6	10° 8	25°31	14°11	21°D38	20°23	23°58	13°36	W 8
T 9	5 23 46	20°56'57	4♎37	10°20	16°13	13° 1	19°42	13° 9	10° 7	25°32	14°10	21°39	20°20	24° 5	13°34	T 9
F 10	5 27 42	21°58'10	18°20	11° 5	17°27	13° 2	19°51	13°12	10° 5	25°34	14° 9	21°41	20°17	24°12	13°32	F 10
S 11	5 31 39	22°59'24	1♏49	11°42	18°42	13°R 2	20° 0	13°15	10° 4	25°35	14° 8	21°42	20°13	24°18	13°30	S 11
S 12	5 35 35	24° 0'38	15° 6	12°11	19°56	13° 1	20° 9	13°18	10° 2	25°36	14° 6	21°R43	20°10	24°25	13°27	S 12
M13	5 39 32	25° 1'53	28°11	12°30	21°11	13° 0	20°18	13°21	10° 1	25°37	14° 5	21°43	20° 7	24°32	13°25	M13
T 14	5 43 28	26° 3'07	11♐ 4	12°R38	22°26	12°57	20°27	13°25	9°59	25°39	14° 4	21°42	20° 4	24°39	13°23	T 14
W15	5 47 25	27° 4'21	23°46	12°35	23°40	12°54	20°35	13°28	9°58	25°40	14° 3	21°38	20° 1	24°45	13°21	W15
T 16	5 51 22	28° 5'35	6♑16	12°20	24°55	12°50	20°43	13°32	9°56	25°42	14° 1	21°33	19°58	24°52	13°20	T 16
F 17	5 55 18	29° 6'48	18°35	11°54	26° 9	12°46	20°52	13°35	9°54	25°43	14° 0	21°26	19°54	24°59	13°18	F 17
S 18	5 59 15	0♑ 8'01	0♒44	11°16	27°24	12°40	21° 0	13°39	9°52	25°44	13°59	21°18	19°51	25° 6	13°16	S 18
S 19	6 3 11	1° 9'14	12°45	10°26	28°38	12°34	21° 8	13°43	9°50	25°46	13°57	21°11	19°48	25°12	13°14	S 19
M20	6 7 8	2°10'26	24°39	9°27	29°52	12°27	21°16	13°47	9°49	25°47	13°56	21° 4	19°45	25°19	13°12	M20
T 21	6 11 4	3°11'37	6♓30	8°20	1♒ 7	12°19	21°24	13°50	9°47	25°49	13°55	20°58	19°42	25°26	13°11	T 21
W22	6 15 1	4°12'48	18°22	7° 7	2°21	12°10	21°31	13°55	9°45	25°51	13°53	20°55	19°39	25°32	13° 9	W22
T 23	6 18 57	5°13'57	0♈19	5°49	3°35	12° 1	21°39	13°59	9°43	25°52	13°52	20°D53	19°35	25°39	13° 8	T 23
F 24	6 22 54	6°15'06	12°25	4°31	4°50	11°50	21°46	14° 3	9°41	25°54	13°51	20°53	19°32	25°46	13° 6	F 24
S 25	6 26 51	7°16'14	24°47	3°13	6° 4	11°39	21°53	14° 7	9°39	25°55	13°49	20°54	19°29	25°53	13° 5	S 25
S 26	6 30 47	8°17'22	7♉29	1°58	7°18	11°27	22° 0	14°12	9°37	25°57	13°48	20°56	19°26	25°59	13° 3	S 26
M27	6 34 44	9°18'28	20°35	0°49	8°32	11°15	22° 7	14°16	9°34	25°59	13°47	20°R57	19°23	26° 6	13° 2	M27
T 28	6 38 40	10°19'33	4♊ 7	29♐47	9°46	11° 1	22°14	14°21	9°32	26° 0	13°45	20°56	19°19	26°13	13° 1	T 28
W29	6 42 37	11°20'38	18° 7	28°53	11° 1	10°47	22°21	14°25	9°30	26° 2	13°44	20°53	19°16	26°20	12°59	W29
T 30	6 46 33	12°21'41	2♋33	28° 7	12°15	10°32	22°27	14°30	9°28	26° 4	13°43	20°47	19°13	26°26	12°58	T 30
F 31	6 50 30	13♑22'44	17♋18	27♐30	13♒29	10♌17	22♎34	14♓35	9♌26	26♒ 6	13♋41	20♉40	19♉10	26♒33	12♉57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s30	23n46	1n39	25s39	2s 3	24s55	1s27	20n 1	2n58	6s 8	1n13	8s57	2s21	18n27	0n41	14s 1	0s56	26n11	3n22	18n23	18n 4	18s44	15n21	0s48
T 2	22 37	26 18	2 49	25 34	1 59	24 52	1 29	20 2	3 0	6 12	1 14	8 56	2 20	18 28	0 41	14 1	0 56	26 11	3 23	18 22	18 3	18 42	15 21	0 48
F 3	22 44	27 8	3 49	25 27	1 53	24 49	1 30	20 2	3 2	6 16	1 14	8 55	2 20	18 28	0 41	14 0	0 56	26 12	3 23	18 21	18 2	18 39	15 20	0 48
S 4	22 51	26 7	4 36	25 18	1 47	24 45	1 31	20 3	3 5	6 19	1 14	8 54	2 20	18 28	0 41	14 0	0 56	26 12	3 23	18 20	18 2	18 37	15 19	0 48
S 5	22 57	23 22	5 4	25 7	1 40	24 40	1 33	20 4	3 7	6 23	1 14	8 53	2 20	18 29	0 42	14 0	0 56	26 12	3 23	18 20	18 1	18 35	15 18	0 48
M 6	23 3	19 8	5 13	24 56	1 32	24 34	1 34	20 5	3 10	6 26	1 14	8 52	2 19	18 29	0 42	13 59	0 56	26 12	3 23	18 19	18 0	18 32	15 17	0 48
T 7	23 8	13 52	5 3	24 42	1 23	24 28	1 35	20 7	3 12	6 30	1 14	8 51	2 19	18 29	0 42	13 59	0 56	26 13	3 23	18 18	17 59	18 30	15 17	0 48
W 8	23 13	7 55	4 34	24 28	1 12	24 21	1 36	20 8	3 14	6 33	1 15	8 49	2 19	18 30	0 42	13 58	0 56	26 13	3 23	18 18	17 58	18 28	15 16	0 48
T 9	23 18	1 40	3 50	24 13	1 1	24 13	1 37	20 10	3 17	6 36	1 15	8 48	2 19	18 30	0 42	13 58	0 55	26 13	3 23	18 18	17 57	18 25	15 15	0 49
F 10	23 22	4s35	2 53	23 56	0 48	24 4	1 38	20 12	3 19	6 40	1 15	8 47	2 19	18 31	0 42	13 58	0 55	26 13	3 23	18 19	17 56	18 23	15 14	0 49
S 11	23 25	10 31	1 47	23 39	0 34	23 55	1 38	20 15	3 22	6 43	1 15	8 45	2 18	18 31	0 42	13 57	0 55	26 14	3 24	18 19	17 56	18 21	15 14	0 49
S 12	23 28	15 54	0 36	23 22	0 19	23 45	1 39	20 17	3 24	6 46	1 15	8 44	2 18	18 32	0 42	13 57	0 55	26 14	3 24	18 19	17 55	18 18	15 13	0 49
M13	23 31	20 28	0s35	23 4	0 3	23 34	1 40	20 20	3 27	6 49	1 15	8 42	2 18	18 32	0 42	13 56	0 55	26 14	3 24	18 19	17 54	18 16	15 12	0 49
T 14	23 33	23 58	1 44	22 46	0n14	23 23	1 40	20 23	3 29	6 53	1 16	8 41	2 18	18 32	0 42	13 56	0 55	26 14	3 24	18 19	17 53	18 13	15 12	0 49
W15	23 35	26 13	2 46	22 28	0 32	23 11	1 41	20 26	3 32	6 56	1 16	8 39	2 18	18 33	0 42	13 55	0 55	26 15	3 24	18 18	17 52	18 11	15 11	0 49
T 16	23 36	27 6	3 38	22 11	0 51	22 58	1 41	20 30	3 34	6 59	1 16	8 38	2 17	18 33	0 42	13 55	0 55	26 15	3 24	18 17	17 51	18 9	15 10	0 49
F 17	23 36	26 36	4 20	21 54	1 11	22 44	1 42	20 33	3 37	7 2	1 16	8 36	2 17	18 34	0 42	13 54	0 55	26 15	3 24	18 15	17 50	18 6	15 10	0 49
S 18	23 37	24 50	4 50	21 38	1 30	22 30	1 42	20 37	3 39	7 5	1 16	8 35	2 17	18 34	0 42	13 54	0 55	26 15	3 24	18 13	17 50	18 4	15 9	0 49
S 19	23 36	21 59	5 6	21 23	1 49	22 15	1 42	20 42	3 42	7 7	1 16	8 33	2 17	18 35	0 42	13 53	0 55	26 15	3 24	18 11	17 49	18 2	15 8	0 49
M20	23 35	18 14	5 8	21 9	2 8	21 59	1 43	20 46	3 44	7 10	1 17	8 31	2 17	18 36	0 42	13 53	0 55	26 16	3 24	18 9	17 48	17 59	15 8	0 49
T 21	23 34	13 47	4 58	20 56	2 25	21 43	1 43	20 50	3 46	7 13	1 17	8 30	2 16	18 36	0 42	13 52	0 55	26 16	3 25	18 8	17 47	17 57	15 7	0 49
W22	23 32	8 50	4 35	20 44	2 41	21 26	1 43	20 55	3 49	7 16	1 17	8 28	2 16	18 37	0 42	13 52	0 55	26 16	3 25	18 7	17 46	17 54	15 7	0 50
T 23	23 30	3 32	3 59	20 34	2 55	21 9	1 43	21 0	3 51	7 18	1 17	8 26	2 16	18 37	0 42	13 51	0 55	26 16	3 25	18 6	17 45	17 52	15 6	0 50
F 24	23 28	1n59	3 13	20 26	3 6	20 51	1 42	21 5	3 53	7 21	1 17	8 24	2 16	18 38	0 42	13 51	0 55	26 17	3 25	18 6	17 44	17 49	15 6	0 50
S 25	23 24	7 33	2 16	20 18	3 16	20 32	1 42	21 11	3 56	7 23	1 17	8 22	2 16	18 38	0 42	13 50	0 55	26 17	3 25	18 7	17 44	17 47	15 5	0 50
S 26	23 21	12 58	1 12	20 13	3 23	20 13	1 42	21 16	3 58	7 26	1 18	8 21	2 15	18 39	0 42	13 49	0 55	26 17	3 25	18 7	17 43	17 45	15 5	0 50
M27	23 17	17 59	0 2	20 9	3 27	19 53	1 41	21 22	4 0	7 28	1 18	8 19	2 15	18 40	0 42	13 49	0 55	26 17	3 25	18 7	17 42	17 42	15 4	0 50
T 28	23 12	22 16	1n10	20 8	3 29	19 33	1 41	21 28	4 2	7 31	1 18	8 17	2 15	18 40	0 42	13 48	0 55	26 18	3 25	18 7	17 41	17 40	15 4	0 50
W29	23 7	25 25	2 21	20 8	3 29	19 12	1 40	21 34	4 5	7 33	1 18	8 15	2 15	18 41	0 42	13 48	0 55	26 18	3 25	18 6	17 40	17 37	15 3	0 50
T 30	23 2	26 59	3 24	20 9	3 26	18 51	1 40	21 40	4 7	7 35	1 18	8 13	2 15	18 41	0 42	13 47	0 55	26 18	3 25	18 5	17 39	17 35	15 3	0 50
F 31	22s56	26n42	4n15	20s13	3n22	18s29	1s39	21n47	4n 9	7s37	1n19	8s11	2s15	18n42	0n42	13s46	0s55	26n18	3n25	18n 3	17n38	17s32	15n 2	0s50

Julian Day Number = 1977067.5, Delta T = 01h00m40s
Ecliptic obliquity = 23°36'31, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'44, Lahiri = 5°45'45 Julian Calendar 1 Dec. 700 == Greg. Calendar 5 Dec. 700

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ASTRODIENST EPHEMERIS for the year 701
geocentric

JANUARY 701 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 54 27	14♉23'46	2♌16	27°R 3	14♒43	10°R 0	22♎40	14♓40	9°R23	26♒ 7	13°R40	20°R31	19♉ 7	26♒40	12°R56	S 1
S 2	6 58 23	15°24'47	17°17	26♐45	15°57	9♌43	22°46	14°45	9♌21	26° 9	13♋39	20♉23	19° 4	26°46	12♉55	S 2
M 3	7 2 20	16°25'47	2♍12	26°35	17°10	9°25	22°52	14°50	9°19	26°11	13°37	20°15	19° 0	26°53	12°54	M 3
T 4	7 6 16	17°26'47	16°52	26°D34	18°24	9° 7	22°58	14°55	9°16	26°13	13°36	20° 9	18°57	27° 0	12°53	T 4
W 5	7 10 13	18°27'46	1♎13	26°41	19°38	8°48	23° 3	15° 0	9°14	26°15	13°35	20° 5	18°54	27° 7	12°52	W 5
T 6	7 14 9	19°28'44	15°12	26°54	20°52	8°29	23° 9	15° 6	9°12	26°17	13°33	20°D 4	18°51	27°13	12°51	T 6
F 7	7 18 6	20°29'41	28°49	27°14	22° 6	8° 8	23°14	15°11	9° 9	26°19	13°32	20° 4	18°48	27°20	12°51	F 7
S 8	7 22 2	21°30'38	12♏ 6	27°41	23°19	7°48	23°19	15°16	9° 7	26°21	13°31	20° 5	18°45	27°27	12°50	S 8
S 9	7 25 59	22°31'33	25° 6	28°13	24°33	7°26	23°24	15°22	9° 4	26°23	13°29	20°R 5	18°41	27°33	12°49	S 9
M10	7 29 56	23°32'28	7♐52	28°50	25°46	7° 5	23°29	15°28	9° 2	26°24	13°28	20° 3	18°38	27°40	12°49	M10
T 11	7 33 52	24°33'22	20°26	29°31	27° 0	6°43	23°33	15°33	8°59	26°26	13°27	19°59	18°35	27°47	12°48	T 11
W12	7 37 49	25°34'15	2♑49	0♑17	28°13	6°20	23°38	15°39	8°57	26°28	13°25	19°52	18°32	27°54	12°48	W12
T 13	7 41 45	26°35'07	15° 5	1° 7	29°27	5°57	23°42	15°45	8°54	26°31	13°24	19°42	18°29	28° 0	12°48	T 13
F 14	7 45 42	27°35'57	27°13	2° 0	0♓40	5°34	23°46	15°50	8°52	26°33	13°23	19°30	18°25	28° 7	12°47	F 14
S 15	7 49 38	28°36'46	9♒15	2°56	1°54	5°11	23°50	15°56	8°49	26°35	13°21	19°16	18°22	28°14	12°47	S 15
S 16	7 53 35	29°37'34	21°11	3°56	3° 7	4°47	23°54	16° 2	8°47	26°37	13°20	19° 3	18°19	28°21	12°47	S 16
M17	7 57 31	0♒38'20	3♓ 3	4°58	4°20	4°23	23°57	16° 8	8°44	26°39	13°19	18°50	18°16	28°27	12°47	M17
T 18	8 1 28	1°39'05	14°54	6° 2	5°33	4° 0	24° 1	16°14	8°41	26°41	13°18	18°39	18°13	28°34	12°47	T 18
W19	8 5 25	2°39'47	26°45	7° 9	6°46	3°36	24° 4	16°21	8°39	26°43	13°16	18°31	18°10	28°41	12°D47	W19
T 20	8 9 21	3°40'29	8♈40	8°18	7°59	3°12	24° 7	16°27	8°36	26°45	13°15	18°25	18° 6	28°47	12°47	T 20
F 21	8 13 18	4°41'08	20°44	9°28	9°12	2°48	24°10	16°33	8°34	26°47	13°14	18°23	18° 3	28°54	12°47	F 21
S 22	8 17 14	5°41'46	3♉ 1	10°41	10°25	2°24	24°13	16°39	8°31	26°49	13°13	18°D22	18° 0	29° 1	12°47	S 22
S 23	8 21 11	6°42'22	15°36	11°55	11°38	2° 0	24°15	16°46	8°28	26°52	13°11	18°R22	17°57	29° 8	12°47	S 23
M24	8 25 7	7°42'56	28°36	13°11	12°50	1°36	24°18	16°52	8°26	26°54	13°10	18°22	17°54	29°14	12°48	M24
T 25	8 29 4	8°43'28	12♊ 2	14°29	14° 3	1°13	24°20	16°59	8°23	26°56	13° 9	18°20	17°51	29°21	12°48	T 25
W26	8 33 0	9°43'59	25°59	15°48	15°16	0°50	24°22	17° 5	8°20	26°58	13° 8	18°16	17°47	29°28	12°48	W26
T 27	8 36 57	10°44'28	10♋26	17° 8	16°28	0°27	24°23	17°12	8°18	27° 0	13° 7	18° 9	17°44	29°34	12°49	T 27
F 28	8 40 54	11°44'54	25°18	18°30	17°41	0° 4	24°25	17°18	8°15	27° 2	13° 5	17°59	17°41	29°41	12°49	F 28
S 29	8 44 50	12°45'19	10♌29	19°53	18°53	29♋42	24°26	17°25	8°13	27° 5	13° 4	17°48	17°38	29°48	12°50	S 29
S 30	8 48 47	13°45'43	25°48	21°17	20° 5	29°20	24°28	17°32	8°10	27° 7	13° 3	17°36	17°35	29°55	12°51	S 30
M31	8 52 43	14♒46'04	11♍ 4	22♑43	21♓17	28♋59	24♎29	17♓38	8♌ 7	27♒ 9	13♋ 2	17♉26	17♉31	0♓ 1	12♉51	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s49	24n30	4n50	20s18	3n17	18s 6	1s38	21n53	4n11	7s40	1n19	8s 9	2s14	18n43	0n42	13s46	0s55	26n18	3n25	18n 0	17n37	17s30	15n 2	0s50
S 2	22 43	20 35	5 5	20 24	3 10	17 43	1 38	22 0	4 13	7 42	1 19	8 6	2 14	18 43	0 42	13 45	0 55	26 19	3 25	17 58	17 37	17 28	15 2	0 50
M 3	22 35	15 24	4 59	20 31	3 3	17 20	1 37	22 6	4 14	7 44	1 19	8 4	2 14	18 44	0 42	13 44	0 55	26 19	3 26	17 56	17 36	17 25	15 1	0 50
T 4	22 28	9 24	4 33	20 40	2 54	16 56	1 36	22 13	4 16	7 46	1 19	8 2	2 14	18 45	0 42	13 44	0 55	26 19	3 26	17 54	17 35	17 23	15 1	0 50
W 5	22 20	3 2	3 50	20 49	2 45	16 32	1 34	22 20	4 18	7 47	1 20	8 0	2 14	18 45	0 42	13 43	0 55	26 19	3 26	17 53	17 34	17 20	15 1	0 50
T 6	22 11	3s20	2 55	20 59	2 35	16 7	1 33	22 27	4 20	7 49	1 20	7 58	2 14	18 46	0 42	13 43	0 55	26 19	3 26	17 53	17 33	17 18	15 0	0 51
F 7	22 2	9 24	1 51	21 10	2 25	15 42	1 32	22 34	4 21	7 51	1 20	7 56	2 13	18 47	0 43	13 42	0 55	26 20	3 26	17 53	17 32	17 15	15 0	0 51
S 8	21 53	14 54	0 42	21 21	2 15	15 16	1 31	22 40	4 23	7 53	1 20	7 53	2 13	18 47	0 43	13 41	0 55	26 20	3 26	17 53	17 31	17 13	15 0	0 51
S 9	21 43	19 37	0s27	21 32	2 4	14 50	1 29	22 47	4 24	7 54	1 21	7 51	2 13	18 48	0 43	13 41	0 55	26 20	3 26	17 53	17 30	17 10	14 59	0 51
M10	21 32	23 19	1 33	21 43	1 54	14 24	1 28	22 54	4 25	7 56	1 21	7 49	2 13	18 49	0 43	13 40	0 55	26 20	3 26	17 53	17 30	17 8	14 59	0 51
T 11	21 22	25 49	2 34	21 53	1 43	13 57	1 26	23 1	4 27	7 57	1 21	7 46	2 13	18 49	0 43	13 39	0 55	26 20	3 26	17 52	17 29	17 5	14 59	0 51
W12	21 11	27 1	3 26	22 4	1 32	13 30	1 25	23 8	4 28	7 59	1 21	7 44	2 13	18 50	0 43	13 38	0 55	26 21	3 26	17 50	17 28	17 3	14 59	0 51
T 13	20 59	26 52	4 9	22 14	1 22	13 2	1 23	23 15	4 29	8 0	1 21	7 42	2 13	18 51	0 43	13 38	0 55	26 21	3 26	17 47	17 27	17 0	14 59	0 51
F 14	20 47	25 25	4 39	22 24	1 11	12 35	1 21	23 22	4 30	8 2	1 22	7 39	2 12	18 51	0 43	13 37	0 55	26 21	3 26	17 44	17 26	16 58	14 59	0 51
S 15	20 35	22 49	4 56	22 33	1 1	12 6	1 19	23 28	4 31	8 3	1 22	7 37	2 12	18 52	0 43	13 36	0 55	26 21	3 26	17 40	17 25	16 55	14 58	0 51
S 16	20 22	19 17	5 1	22 42	0 51	11 38	1 17	23 35	4 31	8 4	1 22	7 34	2 12	18 53	0 43	13 36	0 55	26 21	3 26	17 36	17 24	16 53	14 58	0 51
M17	20 9	14 59	4 52	22 50	0 41	11 9	1 15	23 42	4 32	8 5	1 22	7 32	2 12	18 53	0 43	13 35	0 55	26 22	3 26	17 33	17 23	16 50	14 58	0 51
T 18	19 56	10 8	4 30	22 57	0 31	10 40	1 13	23 48	4 32	8 6	1 22	7 29	2 12	18 54	0 43	13 34	0 55	26 22	3 26	17 30	17 22	16 47	14 58	0 51
W19	19 42	4 56	3 57	23 3	0 22	10 11	1 11	23 54	4 33	8 7	1 23	7 27	2 12	18 55	0 43	13 33	0 55	26 22	3 26	17 27	17 22	16 45	14 58	0 51
T 20	19 28	0n30	3 14	23 9	0 12	9 42	1 9	24 0	4 33	8 8	1 23	7 24	2 12	18 56	0 43	13 33	0 55	26 22	3 26	17 26	17 21	16 42	14 58	0 51
F 21	19 14	5 59	2 21	23 13	0 3	9 12	1 6	24 6	4 33	8 9	1 23	7 22	2 12	18 56	0 43	13 32	0 55	26 22	3 27	17 25	17 20	16 40	14 58	0 51
S 22	18 59	11 21	1 20	23 16	0s 6	8 42	1 4	24 12	4 33	8 10	1 23	7 19	2 11	18 57	0 43	13 31	0 55	26 22	3 27	17 25	17 19	16 37	14 58	0 52
S 23	18 44	16 24	0 15	23 19	0 15	8 12	1 1	24 17	4 33	8 10	1 24	7 17	2 11	18 58	0 43	13 30	0 55	26 23	3 27	17 25	17 18	16 35	14 58	0 52
M24	18 28	20 52	0n54	23 20	0 23	7 41	0 59	24 22	4 33	8 11	1 24	7 14	2 11	18 58	0 43	13 30	0 55	26 23	3 27	17 25	17 17	16 32	14 58	0 52
T 25	18 12	24 24	2 2	23 20	0 31	7 11	0 56	24 28	4 33	8 12	1 24	7 11	2 11	18 59	0 43	13 29	0 55	26 23	3 27	17 24	17 16	16 30	14 58	0 52
W26	17 56	26 37	3 5	23 19	0 39	6 40	0 54	24 32	4 32	8 12	1 24	7 9	2 11	19 0	0 43	13 28	0 55	26 23	3 27	17 23	17 15	16 27	14 58	0 52
T 27	17 40	27 9	3 58	23 16	0 46	6 9	0 51	24 37	4 32	8 13	1 24	7 6	2 11	19 0	0 43	13 27	0 55	26 23	3 27	17 21	17 14	16 24	14 58	0 52
F 28	17 23	25 46	4 37	23 12	0 54	5 38	0 48	24 42	4 31	8 13	1 25	7 3	2 11	19 1	0 43	13 27	0 55	26 23	3 27	17 19	17 14	16 22	14 58	0 52
S 29	17 6	22 30	4 57	23 8	1 1	5 7	0 45	24 46	4 31	8 13	1 25	7 1	2 11	19 2	0 43	13 26	0 55	26 23	3 27	17 16	17 13	16 19	14 59	0 52
S 30	16 49	17 39	4 57	23 1	1 7	4 36	0 42	24 50	4 30	8 14	1 25	6 58	2 11	19 2	0 43	13 25	0 55	26 24	3 27	17 12	17 12	16 17	14 59	0 52
M31	16s31	11n42	4n35	22s54	1s14	4s 5	0s39	24n53	4n29	8s14	1n25	6s55	2s11	19n 3	0n43	13s24	0s55	26n24	3n27	17n 9	17n11	16s14	14n59	0s52

Julian Day Number = 1977098.5, Delta T = 01h00m39s
Ecliptic obliquity = 23°36'31, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'49, Lahiri = 5°45'49 Julian Calendar 1 Jan. 701 == Greg. Calendar 5 Jan. 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

FEBRUARY 701 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 56 40	15♒46'24	26♍ 5	24♉ 9	22♓29	28°R38	24♎29	17♓45	8°R 5	27♒11	13°R 1	17°R17	17♉28	0♓ 8	12♉52	T 1
W 2	9 0 36	16°46'42	10♎44	25°37	23°41	28♋18	24°30	17°52	8♌ 2	27°14	13♋ 0	17♉12	17°25	0°15	12°53	W 2
T 3	9 4 33	17°46'59	24°56	27° 6	24°53	27°58	24°31	17°59	8° 0	27°16	12°59	17° 8	17°22	0°22	12°54	T 3
F 4	9 8 29	18°47'14	8♏40	28°36	26° 5	27°39	24°31	18° 6	7°57	27°18	12°58	17° 7	17°19	0°28	12°55	F 4
S 5	9 12 26	19°47'28	21°59	0♒ 7	27°17	27°20	24°R31	18°13	7°54	27°20	12°57	17° 7	17°16	0°35	12°56	S 5
S 6	9 16 23	20°47'40	4♐55	1°39	28°28	27° 2	24°31	18°20	7°52	27°23	12°56	17° 7	17°12	0°42	12°57	S 6
M 7	9 20 19	21°47'50	17°33	3°12	29°40	26°45	24°31	18°27	7°49	27°25	12°55	17° 5	17° 9	0°48	12°58	M 7
T 8	9 24 16	22°47'59	29°56	4°46	0♈51	26°28	24°30	18°34	7°47	27°27	12°54	17° 0	17° 6	0°55	12°59	T 8
W 9	9 28 12	23°48'07	12♉ 8	6°22	2° 3	26°12	24°29	18°41	7°44	27°29	12°53	16°53	17° 3	1° 2	13° 0	W 9
T 10	9 32 9	24°48'12	24°12	7°58	3°14	25°56	24°29	18°48	7°42	27°32	12°52	16°42	17° 0	1° 9	13° 2	T 10
F 11	9 36 5	25°48'16	6♒11	9°36	4°25	25°42	24°27	18°55	7°39	27°34	12°51	16°30	16°57	1°15	13° 3	F 11
S 12	9 40 2	26°48'18	18° 6	11°15	5°36	25°28	24°26	19° 3	7°37	27°36	12°50	16°15	16°53	1°22	13° 4	S 12
S 13	9 43 58	27°48'18	29°59	12°54	6°47	25°15	24°25	19°10	7°35	27°39	12°49	16° 1	16°50	1°29	13° 6	S 13
M14	9 47 55	28°48'16	11♓50	14°35	7°58	25° 3	24°23	19°17	7°32	27°41	12°48	15°47	16°47	1°35	13° 7	M14
T 15	9 51 52	29°48'11	23°42	16°17	9° 8	24°51	24°21	19°24	7°30	27°43	12°47	15°35	16°44	1°42	13° 9	T 15
W16	9 55 48	0♓48'05	5♈36	18° 0	10°19	24°40	24°19	19°32	7°27	27°45	12°46	15°26	16°41	1°49	13°11	W16
T 17	9 59 45	1°47'57	17°34	19°45	11°30	24°30	24°17	19°39	7°25	27°48	12°46	15°20	16°37	1°56	13°12	T 17
F 18	10 3 41	2°47'46	29°40	21°30	12°40	24°21	24°15	19°46	7°23	27°50	12°45	15°17	16°34	2° 2	13°14	F 18
S 19	10 7 38	3°47'33	11♉58	23°17	13°50	24°13	24°12	19°54	7°21	27°52	12°44	15°D16	16°31	2° 9	13°16	S 19
S 20	10 11 34	4°47'18	24°32	25° 5	15° 0	24° 5	24°10	20° 1	7°18	27°54	12°43	15°16	16°28	2°16	13°18	S 20
M21	10 15 31	5°47'00	7♊26	26°54	16°10	23°58	24° 7	20° 9	7°16	27°57	12°42	15°R16	16°25	2°22	13°20	M21
T 22	10 19 27	6°46'40	20°45	28°44	17°20	23°52	24° 4	20°16	7°14	27°59	12°42	15°15	16°22	2°29	13°21	T 22
W23	10 23 24	7°46'18	4♋32	0♓35	18°30	23°47	24° 0	20°23	7°12	28° 1	12°41	15°12	16°18	2°36	13°23	W23
T 24	10 27 21	8°45'54	18°48	2°28	19°39	23°43	23°57	20°31	7°10	28° 3	12°40	15° 7	16°15	2°43	13°25	T 24
F 25	10 31 17	9°45'27	3♌31	4°22	20°49	23°39	23°53	20°38	7° 7	28° 6	12°40	15° 0	16°12	2°49	13°28	F 25
S 26	10 35 14	10°44'58	18°36	6°17	21°58	23°36	23°50	20°46	7° 5	28° 8	12°39	14°50	16° 9	2°56	13°30	S 26
S 27	10 39 10	11°44'26	3♍54	8°13	23° 7	23°34	23°46	20°53	7° 3	28°10	12°38	14°41	16° 6	3° 3	13°32	S 27
M28	10 43 7	12♓43'53	19♍14	10♓10	24♈16	23♋33	23♎42	21♓ 1	7♌ 1	28♒12	12♋38	14♉32	16♉ 3	3♓10	13♉34	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s13	5n 9	3n55	22s45	1s20	3s33	0s36	24n57	4n28	8s14	1n26	6s52	2s10	19n 4	0n43	13s24	0s55	26n24	3n27	17n 7	17n10	16s12	14n59	0s52
W 2	15 55	1s32	2 59	22 34	1 26	3 2	0 33	25 0	4 27	8 14	1 26	6 50	2 10	19 4	0 43	13 23	0 55	26 24	3 27	17 5	17 9	16 9	14 59	0 52
T 3	15 37	7 57	1 54	22 23	1 31	2 30	0 30	25 3	4 26	8 14	1 26	6 47	2 10	19 5	0 43	13 22	0 55	26 24	3 27	17 4	17 8	16 6	14 59	0 52
F 4	15 18	13 47	0 44	22 9	1 36	1 59	0 27	25 6	4 25	8 14	1 26	6 44	2 10	19 6	0 43	13 21	0 55	26 24	3 27	17 4	17 7	16 4	15 0	0 52
S 5	14 59	18 48	0s26	21 55	1 41	1 27	0 24	25 8	4 23	8 14	1 26	6 41	2 10	19 6	0 43	13 21	0 55	26 24	3 27	17 4	17 6	16 1	15 0	0 52
S 6	14 40	22 47	1 33	21 39	1 45	0 55	0 20	25 11	4 22	8 13	1 27	6 38	2 10	19 7	0 43	13 20	0 55	26 24	3 27	17 4	17 5	15 58	15 0	0 52
M 7	14 20	25 34	2 33	21 21	1 49	0 23	0 17	25 13	4 20	8 13	1 27	6 35	2 10	19 8	0 43	13 19	0 55	26 25	3 27	17 3	17 5	15 56	15 0	0 52
T 8	14 1	27 2	3 25	21 2	1 53	0n 8	0 13	25 15	4 19	8 13	1 27	6 33	2 10	19 8	0 43	13 18	0 55	26 25	3 27	17 2	17 4	15 53	15 1	0 52
W 9	13 41	27 9	4 7	20 42	1 56	0 40	0 10	25 16	4 17	8 12	1 27	6 30	2 10	19 9	0 43	13 17	0 55	26 25	3 27	17 0	17 3	15 51	15 1	0 53
T 10	13 21	25 58	4 37	20 20	1 59	1 12	0 6	25 17	4 16	8 12	1 28	6 27	2 10	19 10	0 43	13 17	0 55	26 25	3 27	16 57	17 2	15 48	15 1	0 53
F 11	13 0	23 37	4 55	19 56	2 2	1 43	0 3	25 19	4 14	8 11	1 28	6 24	2 10	19 10	0 43	13 16	0 55	26 25	3 27	16 53	17 1	15 45	15 2	0 53
S 12	12 40	20 15	4 59	19 31	2 4	2 15	0n 1	25 20	4 12	8 10	1 28	6 21	2 10	19 11	0 43	13 15	0 55	26 25	3 27	16 49	17 0	15 43	15 2	0 53
S 13	12 19	16 5	4 51	19 4	2 6	2 47	0 4	25 20	4 10	8 10	1 28	6 18	2 10	19 12	0 43	13 14	0 55	26 25	3 27	16 45	16 59	15 40	15 3	0 53
M14	11 58	11 19	4 30	18 36	2 7	3 18	0 8	25 21	4 8	8 9	1 28	6 15	2 10	19 12	0 43	13 14	0 55	26 25	3 27	16 41	16 58	15 37	15 3	0 53
T 15	11 37	6 8	3 57	18 6	2 8	3 50	0 12	25 21	4 7	8 8	1 29	6 12	2 10	19 13	0 43	13 13	0 55	26 25	3 27	16 37	16 57	15 35	15 3	0 53
W16	11 16	0 43	3 13	17 35	2 9	4 21	0 16	25 21	4 5	8 7	1 29	6 9	2 9	19 13	0 43	13 12	0 55	26 25	3 27	16 35	16 56	15 32	15 4	0 53
T 17	10 55	4n46	2 21	17 2	2 9	4 52	0 19	25 21	4 3	8 6	1 29	6 6	2 9	19 14	0 43	13 11	0 55	26 26	3 27	16 33	16 55	15 29	15 4	0 53
F 18	10 33	10 10	1 22	16 28	2 8	5 24	0 23	25 21	4 1	8 5	1 29	6 3	2 9	19 15	0 43	13 10	0 55	26 26	3 27	16 32	16 55	15 27	15 5	0 53
S 19	10 11	15 16	0 17	15 52	2 8	5 55	0 27	25 20	3 59	8 4	1 29	6 1	2 9	19 15	0 43	13 10	0 55	26 26	3 27	16 32	16 54	15 24	15 5	0 53
S 20	9 49	19 50	0n49	15 14	2 6	6 26	0 31	25 20	3 57	8 3	1 30	5 58	2 9	19 16	0 43	13 9	0 55	26 26	3 27	16 32	16 53	15 21	15 6	0 53
M21	9 27	23 36	1 55	14 35	2 4	6 56	0 35	25 19	3 54	8 2	1 30	5 55	2 9	19 16	0 43	13 8	0 55	26 26	3 27	16 32	16 52	15 19	15 6	0 53
T 22	9 5	26 13	2 57	13 54	2 2	7 27	0 39	25 18	3 52	8 0	1 30	5 52	2 9	19 17	0 43	13 7	0 55	26 26	3 27	16 32	16 51	15 16	15 7	0 53
W23	8 43	27 22	3 50	13 12	1 59	7 58	0 43	25 17	3 50	7 59	1 30	5 49	2 9	19 17	0 43	13 7	0 55	26 26	3 27	16 31	16 50	15 13	15 7	0 53
T 24	8 20	26 46	4 32	12 28	1 56	8 28	0 47	25 15	3 48	7 57	1 30	5 46	2 9	19 18	0 43	13 6	0 55	26 26	3 27	16 29	16 49	15 11	15 8	0 53
F 25	7 58	24 19	4 57	11 43	1 52	8 58	0 51	25 14	3 46	7 56	1 31	5 43	2 9	19 18	0 43	13 5	0 55	26 26	3 27	16 27	16 48	15 8	15 8	0 53
S 26	7 35	20 8	5 2	10 56	1 48	9 28	0 55	25 12	3 44	7 54	1 31	5 40	2 9	19 19	0 43	13 4	0 55	26 26	3 27	16 24	16 47	15 5	15 9	0 54
S 27	7 13	14 35	4 46	10 8	1 43	9 57	0 59	25 10	3 42	7 53	1 31	5 37	2 9	19 19	0 43	13 3	0 55	26 26	3 27	16 21	16 46	15 2	15 10	0 54
M28	6s50	8n 7	4n10	9s18	1s37	10n27	1n 3	25n 9	3n39	7s51	1n31	5s34	2s 9	19n20	0n42	13s 3	0s55	26n26	3n27	16n19	16n45	15s 0	15n10	0s54

Julian Day Number = 1977129.5, Delta T = 01h00m39s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'53, Lahiri = 5°45'53 Julian Calendar 1 Feb. 701 == Greg. Calendar 5 Feb. 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

MARCH 701 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 47 3	13♓43'17	4♎24	12♓ 9	25♈25	23°D32	23°R37	21♓ 9	6°R59	28♒15	12°R37	14°R25	15♉59	3♓16	13♉36	T 1
W 2	10 51 0	14°42'39	19°14	14° 8	26°33	23♋32	23♎33	21°16	6♌58	28°17	12♋37	14♉20	15°56	3°23	13°39	W 2
T 3	10 54 56	15°42'00	3♏39	16° 9	27°42	23°33	23°28	21°24	6°56	28°19	12°36	14°17	15°53	3°30	13°41	T 3
F 4	10 58 53	16°41'18	17°35	18°10	28°50	23°34	23°24	21°31	6°54	28°21	12°36	14°D17	15°50	3°36	13°44	F 4
S 5	11 2 49	17°40'35	1♐ 3	20°12	29°58	23°37	23°19	21°39	6°52	28°23	12°35	14°18	15°47	3°43	13°46	S 5
S 6	11 6 46	18°39'50	14° 4	22°14	1♉ 6	23°40	23°14	21°46	6°50	28°26	12°35	14°R18	15°43	3°50	13°48	S 6
M 7	11 10 43	19°39'03	26°44	24°17	2°14	23°43	23° 8	21°54	6°49	28°28	12°35	14°18	15°40	3°57	13°51	M 7
T 8	11 14 39	20°38'14	9♑ 6	26°20	3°22	23°47	23° 3	22° 1	6°47	28°30	12°34	14°16	15°37	4° 3	13°54	T 8
W 9	11 18 36	21°37'24	21°14	28°24	4°29	23°52	22°58	22° 9	6°45	28°32	12°34	14°12	15°34	4°10	13°56	W 9
T 10	11 22 32	22°36'32	3♒14	0♈26	5°36	23°58	22°52	22°17	6°44	28°34	12°33	14° 6	15°31	4°17	13°59	T 10
F 11	11 26 29	23°35'37	15° 8	2°28	6°43	24° 4	22°46	22°24	6°42	28°36	12°33	13°58	15°28	4°23	14° 2	F 11
S 12	11 30 25	24°34'41	26°59	4°30	7°50	24°11	22°40	22°32	6°41	28°38	12°33	13°48	15°24	4°30	14° 4	S 12
S 13	11 34 22	25°33'43	8♓50	6°30	8°57	24°19	22°34	22°39	6°39	28°40	12°33	13°39	15°21	4°37	14° 7	S 13
M14	11 38 18	26°32'42	20°43	8°28	10° 3	24°27	22°28	22°47	6°38	28°42	12°32	13°30	15°18	4°44	14°10	M14
T 15	11 42 15	27°31'40	2♈39	10°24	11°10	24°36	22°22	22°55	6°36	28°45	12°32	13°22	15°15	4°50	14°13	T 15
W16	11 46 12	28°30'35	14°40	12°18	12°16	24°45	22°16	23° 2	6°35	28°47	12°32	13°16	15°12	4°57	14°16	W16
T 17	11 50 8	29°29'29	26°47	14° 9	13°21	24°55	22° 9	23°10	6°34	28°49	12°32	13°12	15° 8	5° 4	14°19	T 17
F 18	11 54 5	0♈28'20	9♉ 3	15°57	14°27	25° 6	22° 3	23°17	6°32	28°51	12°32	13°D11	15° 5	5°10	14°22	F 18
S 19	11 58 1	1°27'09	21°30	17°42	15°32	25°17	21°56	23°25	6°31	28°53	12°32	13°11	15° 2	5°17	14°25	S 19
S 20	12 1 58	2°25'56	4♊10	19°23	16°38	25°29	21°49	23°32	6°30	28°55	12°31	13°12	14°59	5°24	14°28	S 20
M21	12 5 54	3°24'40	17° 8	21° 0	17°42	25°41	21°42	23°40	6°29	28°57	12°31	13°14	14°56	5°31	14°31	M21
T 22	12 9 51	4°23'22	0♋26	22°32	18°47	25°54	21°35	23°47	6°28	28°59	12°31	13°R15	14°53	5°37	14°34	T 22
W23	12 13 47	5°22'02	14° 6	24° 0	19°51	26° 7	21°28	23°55	6°27	29° 0	12°D31	13°15	14°49	5°44	14°37	W23
T 24	12 17 44	6°20'40	28°10	25°24	20°56	26°21	21°21	24° 2	6°26	29° 2	12°31	13°13	14°46	5°51	14°40	T 24
F 25	12 21 41	7°19'15	12♌37	26°42	21°59	26°35	21°14	24°10	6°25	29° 4	12°31	13° 9	14°43	5°57	14°44	F 25
S 26	12 25 37	8°17'48	27°24	27°55	23° 3	26°50	21° 7	24°17	6°24	29° 6	12°32	13° 5	14°40	6° 4	14°47	S 26
S 27	12 29 34	9°16'19	12♍24	29° 4	24° 6	27° 5	21° 0	24°25	6°24	29° 8	12°32	13° 0	14°37	6°11	14°50	S 27
M28	12 33 30	10°14'47	27°29	0♉ 6	25° 9	27°20	20°52	24°32	6°23	29°10	12°32	12°55	14°34	6°18	14°54	M28
T 29	12 37 27	11°13'14	12♎30	1° 4	26°12	27°36	20°45	24°40	6°22	29°12	12°32	12°52	14°30	6°24	14°57	T 29
W30	12 41 23	12°11'39	27°17	1°56	27°14	27°53	20°37	24°47	6°21	29°13	12°32	12°49	14°27	6°31	15° 0	W30
T 31	12 45 20	13♈10'01	11♏44	2♉42	28♉16	28♋10	20♎30	24♓54	6♌21	29♒15	12♋32	12°D49	14♉24	6♓38	15♉ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s27	1n14	3n16	8s27	1s31	10n56	1n 7	25n 6	3n37	7s49	1n31	5s31	2s 9	19n20	0n42	13s 2	0s55	26n26	3n27	16n17	16n44	14s57	15n11	0s54
W 2	6 4	5s35	2 10	7 35	1 24	11 25	1 11	25 4	3 35	7 48	1 31	5 28	2 9	19 21	0 42	13 1	0 55	26 26	3 27	16 15	16 43	14 54	15 12	0 54
T 3	5 41	11 56	0 57	6 41	1 17	11 54	1 15	25 2	3 33	7 46	1 32	5 25	2 9	19 21	0 42	13 0	0 55	26 26	3 27	16 14	16 43	14 52	15 12	0 54
F 4	5 17	17 29	0s18	5 47	1 9	12 22	1 19	25 0	3 31	7 44	1 32	5 22	2 9	19 22	0 42	13 0	0 55	26 26	3 27	16 14	16 42	14 49	15 13	0 54
S 5	4 54	21 57	1 29	4 51	1 1	12 50	1 23	24 57	3 29	7 42	1 32	5 19	2 9	19 22	0 42	12 59	0 55	26 26	3 27	16 14	16 41	14 46	15 14	0 54
S 6	4 31	25 10	2 33	3 54	0 52	13 18	1 27	24 54	3 26	7 40	1 32	5 16	2 9	19 23	0 42	12 58	0 55	26 26	3 27	16 15	16 40	14 43	15 14	0 54
M 7	4 8	27 1	3 27	2 57	0 43	13 46	1 31	24 52	3 24	7 38	1 32	5 13	2 9	19 23	0 42	12 57	0 55	26 26	3 27	16 15	16 39	14 41	15 15	0 54
T 8	3 44	27 28	4 11	1 58	0 33	14 13	1 35	24 49	3 22	7 36	1 32	5 10	2 9	19 24	0 42	12 57	0 55	26 27	3 27	16 14	16 38	14 38	15 16	0 54
W 9	3 21	26 34	4 42	1 0	0 23	14 40	1 39	24 46	3 20	7 34	1 32	5 7	2 9	19 24	0 42	12 56	0 55	26 27	3 27	16 13	16 37	14 35	15 16	0 54
T 10	2 57	24 26	5 1	0 1	0 13	15 6	1 43	24 43	3 18	7 31	1 33	5 4	2 9	19 24	0 42	12 55	0 55	26 27	3 27	16 11	16 36	14 32	15 17	0 54
F 11	2 34	21 17	5 6	0n58	0 2	15 32	1 47	24 39	3 16	7 29	1 33	5 1	2 9	19 25	0 42	12 55	0 56	26 27	3 27	16 8	16 35	14 30	15 18	0 54
S 12	2 10	17 16	4 58	1 57	0n10	15 58	1 51	24 36	3 13	7 27	1 33	4 58	2 9	19 25	0 42	12 54	0 56	26 27	3 27	16 6	16 34	14 27	15 19	0 54
S 13	1 47	12 35	4 37	2 55	0 21	16 24	1 55	24 33	3 11	7 24	1 33	4 55	2 9	19 25	0 42	12 53	0 56	26 27	3 27	16 3	16 33	14 24	15 19	0 54
M14	1 23	7 27	4 5	3 53	0 33	16 49	1 59	24 29	3 9	7 22	1 33	4 52	2 9	19 26	0 42	12 52	0 56	26 27	3 27	16 0	16 32	14 21	15 20	0 55
T 15	0 59	2 1	3 21	4 50	0 44	17 14	2 3	24 25	3 7	7 20	1 33	4 49	2 9	19 26	0 42	12 52	0 56	26 27	3 27	15 58	16 31	14 18	15 21	0 55
W16	0 36	3n33	2 28	5 45	0 56	17 38	2 7	24 22	3 5	7 17	1 33	4 46	2 9	19 26	0 42	12 51	0 56	26 27	3 27	15 56	16 30	14 16	15 22	0 55
T 17	0 12	9 2	1 28	6 39	1 8	18 2	2 11	24 18	3 3	7 15	1 33	4 43	2 10	19 27	0 42	12 50	0 56	26 27	3 27	15 55	16 30	14 13	15 23	0 55
F 18	0n11	14 16	0 22	7 32	1 19	18 25	2 14	24 14	3 1	7 12	1 33	4 40	2 10	19 27	0 42	12 50	0 56	26 27	3 27	15 54	16 29	14 10	15 23	0 55
S 19	0 35	18 59	0n45	8 23	1 30	18 49	2 18	24 10	2 59	7 10	1 33	4 37	2 10	19 27	0 42	12 49	0 56	26 27	3 27	15 54	16 28	14 7	15 24	0 55
S 20	0 58	22 57	1 51	9 12	1 41	19 11	2 22	24 6	2 57	7 7	1 33	4 34	2 10	19 27	0 42	12 48	0 56	26 27	3 27	15 55	16 27	14 5	15 25	0 55
M21	1 22	25 52	2 54	9 58	1 51	19 33	2 25	24 1	2 55	7 4	1 34	4 31	2 10	19 28	0 42	12 48	0 56	26 27	3 27	15 55	16 26	14 2	15 26	0 55
T 22	1 45	27 25	3 49	10 42	2 1	19 55	2 29	23 57	2 53	7 2	1 34	4 28	2 10	19 28	0 42	12 47	0 56	26 27	3 27	15 56	16 25	13 59	15 27	0 55
W23	2 9	27 22	4 32	11 24	2 11	20 16	2 33	23 52	2 51	6 59	1 34	4 25	2 10	19 28	0 42	12 46	0 56	26 26	3 27	15 55	16 24	13 56	15 28	0 55
T 24	2 32	25 34	5 0	12 3	2 19	20 37	2 36	23 48	2 49	6 56	1 34	4 22	2 10	19 28	0 42	12 46	0 56	26 26	3 27	15 55	16 23	13 53	15 29	0 55
F 25	2 56	22 6	5 11	12 39	2 27	20 58	2 40	23 43	2 47	6 54	1 34	4 19	2 10	19 29	0 42	12 45	0 56	26 26	3 27	15 54	16 22	13 50	15 29	0 55
S 26	3 19	17 10	5 1	13 13	2 34	21 17	2 43	23 38	2 45	6 51	1 34	4 16	2 10	19 29	0 42	12 44	0 56	26 26	3 27	15 53	16 21	13 48	15 30	0 55
S 27	3 42	11 7	4 31	13 43	2 41	21 37	2 46	23 33	2 43	6 48	1 34	4 13	2 10	19 29	0 42	12 44	0 56	26 26	3 26	15 51	16 20	13 45	15 31	0 55
M28	4 5	4 24	3 42	14 11	2 46	21 56	2 50	23 29	2 41	6 45	1 34	4 11	2 10	19 29	0 42	12 43	0 56	26 26	3 26	15 50	16 19	13 42	15 32	0 56
T 29	4 28	2s33	2 38	14 35	2 51	22 14	2 53	23 23	2 39	6 42	1 34	4 8	2 10	19 29	0 42	12 43	0 56	26 26	3 26	15 49	16 18	13 39	15 33	0 56
W30	4 51	9 17	1 24	14 57	2 54	22 32	2 56	23 18	2 38	6 40	1 34	4 5	2 10	19 29	0 42	12 42	0 56	26 26	3 26	15 48	16 17	13 36	15 34	0 56
T 31	5n14	15s22	0n 6	15n15	2n57	22n49	2n59	23n13	2n36	6s37	1n34	4s 2	2s10	19n29	0n42	12s41	0s56	26n26	3n26	15n48	16n16	13s34	15n35	0s56

Julian Day Number = 1977157.5, Delta T = 01h00m38s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°38'57, Lahiri = 5°45'57 Julian Calendar 1 March 701 == Greg. Calendar 5 March 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

APRIL 701 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 49 16	14♈ 8'22	25♏46	3♉23	29♉18	28♋27	20°R22	25♓ 2	6°R20	29♒17	12♋32	12♉49	14♉21	6♓44	15♉ 7	F 1
S 2	12 53 13	15° 6'42	9♐21	3°58	0♊19	28°45	20♎15	25° 9	6♌20	29°19	12°33	12°50	14°18	6°51	15°11	S 2
S 3	12 57 10	16° 5'00	22°29	4°27	1°20	29° 3	20° 7	25°16	6°19	29°20	12°33	12°52	14°14	6°58	15°14	S 3
M 4	13 1 6	17° 3'16	5♑15	4°51	2°20	29°22	19°59	25°23	6°19	29°22	12°33	12°53	14°11	7° 5	15°18	M 4
T 5	13 5 3	18° 1'31	17°41	5° 9	3°21	29°41	19°52	25°31	6°19	29°24	12°34	12°R54	14° 8	7°11	15°21	T 5
W 6	13 8 59	18°59'44	29°51	5°21	4°20	0♌ 1	19°44	25°38	6°19	29°25	12°34	12°53	14° 5	7°18	15°25	W 6
T 7	13 12 56	19°57'56	11♒51	5°28	5°20	0°20	19°36	25°45	6°18	29°27	12°34	12°52	14° 2	7°25	15°28	T 7
F 8	13 16 52	20°56'06	23°44	5°R29	6°19	0°40	19°29	25°52	6°18	29°29	12°35	12°49	13°59	7°31	15°32	F 8
S 9	13 20 49	21°54'14	5♓35	5°25	7°17	1° 1	19°21	25°59	6°18	29°30	12°35	12°46	13°55	7°38	15°35	S 9
S 10	13 24 45	22°52'21	17°27	5°16	8°16	1°22	19°14	26° 6	6°18	29°32	12°36	12°43	13°52	7°45	15°39	S 10
M11	13 28 42	23°50'26	29°23	5° 2	9°13	1°43	19° 6	26°13	6°D18	29°33	12°36	12°40	13°49	7°52	15°43	M11
T 12	13 32 38	24°48'29	11♈25	4°44	10°11	2° 4	18°58	26°20	6°18	29°35	12°37	12°37	13°46	7°58	15°46	T 12
W13	13 36 35	25°46'31	23°36	4°21	11° 7	2°26	18°51	26°27	6°18	29°36	12°37	12°35	13°43	8° 5	15°50	W13
T 14	13 40 32	26°44'32	5♉57	3°55	12° 4	2°49	18°43	26°34	6°18	29°38	12°38	12°35	13°39	8°12	15°54	T 14
F 15	13 44 28	27°42'30	18°28	3°26	13° 0	3°11	18°36	26°41	6°19	29°39	12°38	12°D35	13°36	8°18	15°57	F 15
S 16	13 48 25	28°40'27	1♊12	2°54	13°55	3°34	18°28	26°48	6°19	29°40	12°39	12°35	13°33	8°25	16° 1	S 16
S 17	13 52 21	29°38'22	14°10	2°21	14°50	3°57	18°21	26°55	6°19	29°42	12°40	12°36	13°30	8°32	16° 5	S 17
M18	13 56 18	0♉36'16	27°21	1°45	15°44	4°21	18°13	27° 2	6°19	29°43	12°40	12°37	13°27	8°38	16° 9	M18
T 19	14 0 14	1°34'08	10♋49	1° 9	16°37	4°44	18° 6	27° 8	6°20	29°44	12°41	12°38	13°24	8°45	16°13	T 19
W20	14 4 11	2°31'58	24°32	0°33	17°30	5° 8	17°59	27°15	6°20	29°46	12°42	12°39	13°20	8°52	16°16	W20
T 21	14 8 8	3°29'46	8♌31	29♈57	18°23	5°33	17°52	27°22	6°21	29°47	12°42	12°R39	13°17	8°59	16°20	T 21
F 22	14 12 4	4°27'32	22°46	29°23	19°14	5°57	17°45	27°28	6°22	29°48	12°43	12°38	13°14	9° 5	16°24	F 22
S 23	14 16 1	5°25'16	7♍13	28°50	20° 5	6°22	17°38	27°35	6°22	29°49	12°44	12°38	13°11	9°12	16°28	S 23
S 24	14 19 57	6°22'59	21°50	28°19	20°56	6°47	17°31	27°41	6°23	29°50	12°45	12°37	13° 8	9°19	16°32	S 24
M25	14 23 54	7°20'40	6♎29	27°51	21°45	7°13	17°24	27°48	6°24	29°52	12°45	12°36	13° 5	9°25	16°35	M25
T 26	14 27 50	8°18'19	21° 7	27°26	22°34	7°38	17°17	27°54	6°24	29°53	12°46	12°36	13° 1	9°32	16°39	T 26
W27	14 31 47	9°15'57	5♏36	27° 5	23°22	8° 4	17°10	28° 1	6°25	29°54	12°47	12°36	12°58	9°39	16°43	W27
T 28	14 35 43	10°13'33	19°50	26°47	24° 9	8°30	17° 4	28° 7	6°26	29°55	12°48	12°D36	12°55	9°46	16°47	T 28
F 29	14 39 40	11°11'09	3♐45	26°34	24°56	8°56	16°57	28°13	6°27	29°56	12°49	12°36	12°52	9°52	16°51	F 29
S 30	14 43 36	12♑ 8'43	17♐18	26♈25	25♊41	9♌23	16♎51	28♓19	6♌28	29♒57	12♋50	12°R36	12♉49	9♓59	16♉55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n37	20s28	1s10	15n31	2n58	23n 6	3n 2	23n 8	2n34	6s34	1n34	3s59	2s11	19n30	0n42	12s41	0s56	26n26	3n26	15n48	16n15	13s31	15n36	0s56
S 2	6 0	24 19	2 20	15 43	2 58	23 22	3 5	23 2	2 32	6 31	1 34	3 56	2 11	19 30	0 42	12 40	0 56	26 26	3 26	15 48	16 14	13 28	15 37	0 56
S 3	6 22	26 44	3 21	15 52	2 57	23 38	3 7	22 57	2 30	6 28	1 34	3 53	2 11	19 30	0 42	12 40	0 56	26 26	3 26	15 49	16 14	13 25	15 38	0 56
M 4	6 45	27 39	4 9	15 58	2 55	23 53	3 10	22 51	2 29	6 25	1 34	3 51	2 11	19 30	0 42	12 39	0 56	26 26	3 26	15 49	16 13	13 22	15 39	0 56
T 5	7 7	27 8	4 44	16 1	2 52	24 7	3 13	22 45	2 27	6 23	1 34	3 48	2 11	19 30	0 42	12 39	0 56	26 26	3 26	15 49	16 12	13 19	15 40	0 56
W 6	7 29	25 18	5 6	16 1	2 47	24 21	3 15	22 39	2 25	6 20	1 34	3 45	2 11	19 30	0 42	12 38	0 56	26 26	3 26	15 49	16 11	13 16	15 41	0 56
T 7	7 52	22 23	5 14	15 58	2 41	24 35	3 18	22 33	2 23	6 17	1 34	3 42	2 11	19 30	0 41	12 37	0 56	26 26	3 26	15 49	16 10	13 14	15 42	0 56
F 8	8 14	18 33	5 8	15 52	2 34	24 48	3 20	22 27	2 22	6 14	1 34	3 40	2 11	19 30	0 41	12 37	0 56	26 26	3 26	15 48	16 9	13 11	15 42	0 56
S 9	8 36	14 1	4 50	15 43	2 26	25 0	3 22	22 21	2 20	6 11	1 34	3 37	2 11	19 30	0 41	12 36	0 56	26 26	3 26	15 47	16 8	13 8	15 43	0 56
S 10	8 57	8 57	4 19	15 30	2 16	25 12	3 24	22 15	2 18	6 8	1 34	3 34	2 12	19 30	0 41	12 36	0 56	26 26	3 26	15 46	16 7	13 5	15 44	0 57
M11	9 19	3 33	3 36	15 15	2 5	25 23	3 26	22 8	2 17	6 5	1 33	3 31	2 12	19 30	0 41	12 35	0 56	26 26	3 26	15 45	16 6	13 2	15 45	0 57
T 12	9 40	2n 3	2 43	14 58	1 53	25 34	3 28	22 2	2 15	6 3	1 33	3 29	2 12	19 30	0 41	12 35	0 56	26 26	3 26	15 44	16 5	12 59	15 46	0 57
W13	10 2	7 38	1 43	14 38	1 40	25 44	3 30	21 55	2 13	6 0	1 33	3 26	2 12	19 30	0 41	12 34	0 56	26 26	3 26	15 44	16 4	12 56	15 47	0 57
T 14	10 23	13 1	0 37	14 16	1 26	25 53	3 31	21 48	2 12	5 57	1 33	3 23	2 12	19 30	0 41	12 34	0 57	26 25	3 26	15 43	16 3	12 53	15 48	0 57
F 15	10 44	17 58	0n33	13 52	1 11	26 2	3 33	21 41	2 10	5 54	1 33	3 21	2 12	19 30	0 41	12 33	0 57	26 25	3 26	15 43	16 2	12 51	15 49	0 57
S 16	11 5	22 12	1 41	13 26	0 56	26 11	3 34	21 35	2 8	5 51	1 33	3 18	2 12	19 30	0 41	12 33	0 57	26 25	3 26	15 43	16 1	12 48	15 50	0 57
S 17	11 25	25 24	2 46	12 59	0 39	26 18	3 35	21 27	2 7	5 49	1 33	3 15	2 12	19 29	0 41	12 33	0 57	26 25	3 26	15 44	16 0	12 45	15 51	0 57
M18	11 46	27 18	3 43	12 31	0 22	26 26	3 37	21 20	2 5	5 46	1 33	3 13	2 13	19 29	0 41	12 32	0 57	26 25	3 26	15 44	15 59	12 42	15 52	0 57
T 19	12 6	27 38	4 29	12 2	0 5	26 32	3 37	21 13	2 4	5 43	1 33	3 10	2 13	19 29	0 41	12 32	0 57	26 25	3 26	15 44	15 58	12 39	15 53	0 57
W20	12 26	26 18	5 1	11 34	0s12	26 38	3 38	21 6	2 2	5 41	1 33	3 8	2 13	19 29	0 41	12 31	0 57	26 25	3 26	15 45	15 57	12 36	15 54	0 57
T 21	12 46	23 20	5 16	11 5	0 29	26 44	3 39	20 58	2 1	5 38	1 32	3 5	2 13	19 29	0 41	12 31	0 57	26 25	3 26	15 45	15 56	12 33	15 55	0 57
F 22	13 6	18 55	5 12	10 37	0 46	26 49	3 39	20 51	1 59	5 35	1 32	3 3	2 13	19 29	0 41	12 30	0 57	26 25	3 26	15 44	15 55	12 30	15 56	0 58
S 23	13 25	13 22	4 48	10 9	1 3	26 53	3 39	20 43	1 58	5 33	1 32	3 0	2 13	19 28	0 41	12 30	0 57	26 25	3 26	15 44	15 54	12 27	15 57	0 58
S 24	13 45	7 1	4 6	9 43	1 19	26 57	3 40	20 35	1 56	5 30	1 32	2 58	2 13	19 28	0 41	12 30	0 57	26 25	3 26	15 44	15 53	12 24	15 58	0 58
M25	14 4	0 16	3 7	9 18	1 35	27 0	3 39	20 27	1 55	5 28	1 32	2 55	2 14	19 28	0 41	12 29	0 57	26 25	3 26	15 44	15 52	12 21	15 59	0 58
T 26	14 22	6s30	1 56	8 55	1 50	27 3	3 39	20 19	1 53	5 25	1 32	2 53	2 14	19 28	0 41	12 29	0 57	26 24	3 26	15 44	15 51	12 18	16 0	0 58
W27	14 41	12 52	0 39	8 34	2 4	27 5	3 39	20 11	1 52	5 23	1 31	2 51	2 14	19 28	0 41	12 29	0 57	26 24	3 26	15 44	15 51	12 16	16 1	0 58
T 28	14 59	18 28	0s40	8 16	2 18	27 7	3 38	20 3	1 51	5 21	1 31	2 48	2 14	19 27	0 41	12 28	0 57	26 24	3 26	15 44	15 50	12 13	16 2	0 58
F 29	15 17	22 56	1 55	7 59	2 30	27 8	3 37	19 54	1 49	5 18	1 31	2 46	2 14	19 27	0 41	12 28	0 57	26 24	3 26	15 44	15 49	12 10	16 3	0 58
S 30	15n35	26s 0	3s 1	7n45	2s41	27n 8	3n36	19n46	1n48	5s16	1n31	2s44	2s14	19n27	0n41	12s28	0s57	26n24	3n26	15n44	15n48	12s 7	16n 4	0s58

Julian Day Number = 1977188.5, Delta T = 01h00m37s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'01, Lahiri = 5°46'01 Julian Calendar 1 Apr. 701 == Greg. Calendar 5 Apr. 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

MAY 701 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 47 33	13♉ 6'16	0♋29	26°R20	26♊26	9♌50	16°R45	28♓26	6♌29	29♒58	12♋51	12°R36	12♉45	10♓ 6	16♉59	S 1
M 2	14 51 30	14° 3'49	13°17	26°D19	27° 9	10°17	16♎39	28°32	6°30	29°59	12°52	12♉36	12°42	10°12	17° 3	M 2
T 3	14 55 26	15° 1'20	25°47	26♈24	27°52	10°44	16°32	28°38	6°31	29°59	12°53	12°36	12°39	10°19	17° 6	T 3
W 4	14 59 23	15°58'50	8♒ 0	26°32	28°34	11°12	16°27	28°44	6°33	0♓ 1	12°54	12°36	12°36	10°26	17°10	W 4
T 5	15 3 19	16°56'19	20° 2	26°45	29°14	11°39	16°21	28°50	6°34	0° 1	12°55	12°D36	12°33	10°33	17°14	T 5
F 6	15 7 16	17°53'48	1♓56	27° 3	29°54	12° 7	16°15	28°56	6°35	0° 2	12°56	12°36	12°30	10°39	17°18	F 6
S 7	15 11 12	18°51'15	13°48	27°25	0♋32	12°35	16°10	29° 1	6°37	0° 3	12°57	12°36	12°26	10°46	17°22	S 7
S 8	15 15 9	19°48'42	25°42	27°51	1° 9	13° 3	16° 4	29° 7	6°38	0° 4	12°58	12°37	12°23	10°53	17°26	S 8
M 9	15 19 5	20°46'08	7♈41	28°22	1°45	13°32	15°59	29°13	6°40	0° 4	12°59	12°38	12°20	10°59	17°30	M 9
T 10	15 23 2	21°43'33	19°50	28°56	2°20	14° 1	15°54	29°18	6°41	0° 5	13° 0	12°38	12°17	11° 6	17°34	T 10
W11	15 26 59	22°40'57	2♉10	29°35	2°54	14°30	15°49	29°24	6°43	0° 6	13° 1	12°39	12°14	11°13	17°38	W11
T 12	15 30 55	23°38'20	14°45	0♉18	3°26	14°59	15°44	29°29	6°44	0° 6	13° 2	12°R39	12°11	11°19	17°41	T 12
F 13	15 34 52	24°35'43	27°36	1° 4	3°56	15°28	15°40	29°35	6°46	0° 7	13° 4	12°39	12° 7	11°26	17°45	F 13
S 14	15 38 48	25°33'05	10♊41	1°54	4°26	15°57	15°35	29°40	6°48	0° 7	13° 5	12°38	12° 4	11°33	17°49	S 14
S 15	15 42 45	26°30'26	24° 2	2°48	4°53	16°27	15°31	29°46	6°49	0° 8	13° 6	12°36	12° 1	11°40	17°53	S 15
M16	15 46 41	27°27'45	7♋37	3°46	5°20	16°57	15°27	29°51	6°51	0° 9	13° 7	12°34	11°58	11°46	17°57	M16
T 17	15 50 38	28°25'04	21°24	4°46	5°44	17°27	15°23	29°56	6°53	0° 9	13° 9	12°32	11°55	11°53	18° 1	T 17
W18	15 54 35	29°22'22	5♌21	5°51	6° 7	17°57	15°19	0♈ 1	6°55	0° 9	13°10	12°31	11°51	12° 0	18° 5	W18
T 19	15 58 31	0♊19'39	19°27	6°58	6°28	18°27	15°15	0° 6	6°57	0°10	13°11	12°30	11°48	12° 6	18° 9	T 19
F 20	16 2 28	1°16'55	3♍38	8° 9	6°47	18°58	15°12	0°11	6°59	0°10	13°12	12°D29	11°45	12°13	18°12	F 20
S 21	16 6 24	2°14'10	17°53	9°24	7° 4	19°29	15° 8	0°16	7° 1	0°10	13°14	12°30	11°42	12°20	18°16	S 21
S 22	16 10 21	3°11'23	2♎ 9	10°41	7°20	20° 0	15° 5	0°21	7° 3	0°11	13°15	12°31	11°39	12°27	18°20	S 22
M23	16 14 17	4° 8'36	16°23	12° 2	7°33	20°31	15° 2	0°25	7° 5	0°11	13°16	12°32	11°36	12°33	18°24	M23
T 24	16 18 14	5° 5'48	0♏33	13°25	7°44	21° 2	14°59	0°30	7° 7	0°11	13°18	12°33	11°32	12°40	18°28	T 24
W25	16 22 10	6° 3'00	14°36	14°52	7°54	21°33	14°57	0°35	7° 9	0°11	13°19	12°R34	11°29	12°47	18°31	W25
T 26	16 26 7	7° 0'11	28°27	16°22	8° 1	22° 4	14°54	0°39	7°12	0°12	13°21	12°33	11°26	12°53	18°35	T 26
F 27	16 30 4	7°57'21	12♐ 5	17°55	8° 5	22°36	14°52	0°43	7°14	0°12	13°22	12°31	11°23	13° 0	18°39	F 27
S 28	16 34 0	8°54'31	25°26	19°31	8° 8	23° 8	14°50	0°48	7°16	0°12	13°23	12°28	11°20	13° 7	18°43	S 28
S 29	16 37 57	9°51'41	8♋29	21°10	8°R 8	23°40	14°48	0°52	7°19	0°12	13°25	12°24	11°17	13°13	18°46	S 29
M30	16 41 53	10°48'50	21°15	22°52	8° 6	24°12	14°46	0°56	7°21	0°12	13°26	12°19	11°13	13°20	18°50	M30
T 31	16 45 50	11♊45'59	3♒43	24♉37	8♋ 1	24♌44	14♎44	1♈ 0	7♌23	0°R12	13♋28	12♉15	11♉10	13♓27	18♉54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15n53	27s32	3s55	7n34	2s52	27n 8	3n35	19n37	1n46	5s14	1n31	2s41	2s15	19n26	0n41	12s27	0s57	26n24	3n26	15n44	15n47	12s 4	16n 6	0s58	S 1
M 2	16 10	27 32	4 37	7 25	3 1	27 8	3 33	19 28	1 45	5 12	1 31	2 39	2 15	19 26	0 41	12 27	0 57	26 24	3 26	15 44	15 46	12 1	16 7	0 59	M 2
T 3	16 27	26 6	5 3	7 19	3 9	27 7	3 32	19 20	1 44	5 9	1 30	2 37	2 15	19 26	0 41	12 27	0 57	26 24	3 26	15 44	15 45	11 58	16 8	0 59	T 3
W 4	16 44	23 28	5 16	7 15	3 16	27 6	3 30	19 11	1 42	5 7	1 30	2 34	2 15	19 25	0 41	12 26	0 57	26 24	3 26	15 44	15 44	11 55	16 9	0 59	W 4
T 5	17 1	19 52	5 14	7 15	3 22	27 4	3 27	19 2	1 41	5 5	1 30	2 32	2 15	19 25	0 41	12 26	0 57	26 23	3 26	15 44	15 43	11 52	16 10	0 59	T 5
F 6	17 17	15 30	4 59	7 16	3 27	27 2	3 25	18 52	1 40	5 3	1 30	2 30	2 16	19 25	0 41	12 26	0 57	26 23	3 26	15 44	15 42	11 49	16 11	0 59	F 6
S 7	17 33	10 35	4 31	7 20	3 31	26 59	3 22	18 43	1 38	5 1	1 30	2 28	2 16	19 24	0 41	12 26	0 57	26 23	3 26	15 44	15 41	11 46	16 12	0 59	S 7
S 8	17 49	5 16	3 52	7 27	3 35	26 56	3 19	18 34	1 37	5 0	1 29	2 26	2 16	19 24	0 40	12 26	0 57	26 23	3 26	15 44	15 40	11 43	16 13	0 59	S 8
M 9	18 4	0n17	3 2	7 36	3 37	26 52	3 16	18 24	1 36	4 58	1 29	2 24	2 16	19 24	0 40	12 25	0 58	26 23	3 26	15 44	15 39	11 40	16 14	0 59	M 9
T 10	18 20	5 55	2 3	7 47	3 38	26 48	3 13	18 15	1 34	4 56	1 29	2 22	2 16	19 23	0 40	12 25	0 58	26 23	3 26	15 44	15 38	11 37	16 15	0 59	T 10
W11	18 34	11 25	0 58	8 0	3 38	26 43	3 9	18 5	1 33	4 54	1 29	2 20	2 17	19 23	0 40	12 25	0 58	26 23	3 26	15 45	15 37	11 34	16 16	0 59	W11
T 12	18 49	16 34	0n12	8 16	3 37	26 38	3 5	17 55	1 32	4 53	1 28	2 18	2 17	19 22	0 40	12 25	0 58	26 23	3 26	15 45	15 36	11 31	16 17	1 0	T 12
F 13	19 3	21 5	1 22	8 33	3 36	26 33	3 0	17 45	1 30	4 51	1 28	2 16	2 17	19 22	0 40	12 25	0 58	26 23	3 26	15 45	15 35	11 28	16 17	1 0	F 13
S 14	19 17	24 40	2 29	8 53	3 34	26 27	2 56	17 35	1 29	4 50	1 28	2 14	2 17	19 21	0 40	12 24	0 58	26 22	3 26	15 44	15 34	11 25	16 18	1 0	S 14
S 15	19 31	26 57	3 29	9 14	3 31	26 21	2 50	17 25	1 28	4 48	1 28	2 12	2 17	19 21	0 40	12 24	0 58	26 22	3 26	15 44	15 33	11 22	16 19	1 0	S 15
M16	19 44	27 42	4 19	9 37	3 27	26 15	2 45	17 15	1 27	4 47	1 27	2 10	2 18	19 20	0 40	12 24	0 58	26 22	3 26	15 43	15 32	11 19	16 20	1 0	M16
T 17	19 57	26 44	4 54	10 2	3 22	26 8	2 39	17 4	1 26	4 45	1 27	2 8	2 18	19 20	0 40	12 24	0 58	26 22	3 26	15 43	15 31	11 16	16 21	1 0	T 17
W18	20 10	24 7	5 13	10 28	3 17	26 1	2 33	16 54	1 24	4 44	1 27	2 6	2 18	19 19	0 40	12 24	0 58	26 22	3 26	15 42	15 30	11 13	16 22	1 0	W18
T 19	20 22	20 2	5 13	10 55	3 11	25 54	2 27	16 43	1 23	4 43	1 27	2 4	2 18	19 19	0 40	12 24	0 58	26 22	3 26	15 42	15 29	11 10	16 23	1 0	T 19
F 20	20 34	14 48	4 54	11 24	3 5	25 46	2 20	16 32	1 22	4 42	1 26	2 3	2 19	19 18	0 40	12 24	0 58	26 22	3 26	15 42	15 28	11 7	16 24	1 0	F 20
S 21	20 45	8 46	4 17	11 55	2 58	25 38	2 13	16 22	1 21	4 41	1 26	2 1	2 19	19 18	0 40	12 24	0 58	26 22	3 26	15 42	15 27	11 4	16 25	1 1	S 21
S 22	20 57	2 16	3 24	12 26	2 50	25 29	2 5	16 11	1 20	4 40	1 26	1 59	2 19	19 17	0 40	12 24	0 58	26 21	3 26	15 42	15 26	11 1	16 26	1 1	S 22
M23	21 7	4s21	2 19	12 59	2 42	25 21	1 57	16 0	1 18	4 39	1 26	1 57	2 19	19 17	0 40	12 23	0 58	26 21	3 26	15 43	15 25	10 58	16 27	1 1	M23
T 24	21 18	10 43	1 6	13 32	2 34	25 12	1 49	15 48	1 17	4 38	1 25	1 56	2 19	19 16	0 40	12 23	0 58	26 21	3 26	15 43	15 24	10 55	16 28	1 1	T 24
W25	21 28	16 31	0s11	14 7	2 24	25 3	1 40	15 37	1 16	4 37	1 25	1 54	2 20	19 16	0 40	12 23	0 58	26 21	3 26	15 43	15 23	10 52	16 29	1 1	W25
T 26	21 38	21 21	1 26	14 42	2 15	24 53	1 31	15 26	1 15	4 37	1 25	1 53	2 20	19 15	0 40	12 23	0 58	26 21	3 26	15 43	15 22	10 49	16 30	1 1	T 26
F 27	21 47	24 58	2 35	15 18	2 5	24 43	1 22	15 14	1 14	4 36	1 24	1 51	2 20	19 14	0 40	12 23	0 58	26 21	3 26	15 42	15 21	10 46	16 31	1 1	F 27
S 28	21 56	27 5	3 34	15 54	1 55	24 33	1 12	15 3	1 13	4 35	1 24	1 50	2 20	19 14	0 40	12 23	0 58	26 21	3 26	15 41	15 20	10 43	16 32	1 1	S 28
S 29	22 5	27 39	4 20	16 30	1 44	24 23	1 2	14 51	1 12	4 35	1 24	1 48	2 21	19 13	0 40	12 23	0 58	26 21	3 26	15 40	15 19	10 40	16 33	1 2	S 29
M30	22 13	26 43	4 52	17 7	1 33	24 12	0 51	14 39	1 10	4 34	1 24	1 47	2 21	19 12	0 40	12 23	0 58	26 20	3 26	15 39	15 18	10 37	16 34	1 2	M30
T 31	22n21	24s28	5s 9	17n44	1s22	24n 1	0n40	14n27	1n 9	4s34	1n23	1s45	2s21	19n12	0n40	12s23	0s58	26n20	3n26	15n37	15n17	10s34	16n34	1s 2	T 31

Julian Day Number = 1977218.5, Delta T = 01h00m36s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'05, Lahiri = 5°46'06 Julian Calendar 1 May 701 == Greg. Calendar 5 May 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

JUNE 701 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 49 46	12♊43'08	15♒56	26♉24	7°R55	25♌16	14°R43	1♈ 4	7♌26	0°R12	13♋29	12°R12	11♉ 7	13♓34	18♉57	W 1
T 2	16 53 43	13°40'17	27°59	28°15	7♋45	25°49	14♎42	1° 8	7°28	0♓12	13°31	12♉ 9	11° 4	13°40	19° 1	T 2
F 3	16 57 39	14°37'26	9♓53	0♊ 8	7°34	26°21	14°41	1°12	7°31	0°12	13°32	12°D 8	11° 1	13°47	19° 5	F 3
S 4	17 1 36	15°34'35	21°45	2° 4	7°20	26°54	14°40	1°16	7°34	0°12	13°34	12° 8	10°57	13°54	19° 8	S 4
S 5	17 5 33	16°31'44	3♈39	4° 2	7° 3	27°27	14°39	1°19	7°36	0°11	13°35	12° 9	10°54	14° 0	19°12	S 5
M 6	17 9 29	17°28'53	15°40	6° 2	6°45	28° 0	14°38	1°23	7°39	0°11	13°37	12°11	10°51	14° 7	19°15	M 6
T 7	17 13 26	18°26'03	27°52	8° 5	6°24	28°33	14°38	1°27	7°42	0°11	13°38	12°12	10°48	14°14	19°19	T 7
W 8	17 17 22	19°23'12	10♉20	10° 9	6° 1	29° 6	14°D38	1°30	7°44	0°11	13°40	12°R13	10°45	14°20	19°22	W 8
T 9	17 21 19	20°20'22	23° 7	12°15	5°35	29°40	14°38	1°33	7°47	0°11	13°41	12°12	10°42	14°27	19°26	T 9
F 10	17 25 15	21°17'31	6♊13	14°22	5° 8	0♍13	14°38	1°36	7°50	0°10	13°43	12°10	10°38	14°34	19°29	F 10
S 11	17 29 12	22°14'41	19°41	16°31	4°39	0°47	14°38	1°40	7°53	0°10	13°45	12° 6	10°35	14°41	19°33	S 11
S 12	17 33 8	23°11'51	3♋27	18°40	4° 9	1°21	14°39	1°43	7°56	0° 9	13°46	12° 1	10°32	14°47	19°36	S 12
M13	17 37 5	24° 9'02	17°29	20°50	3°37	1°54	14°40	1°46	7°59	0° 9	13°48	11°54	10°29	14°54	19°40	M13
T 14	17 41 2	25° 6'12	1♌42	23° 0	3° 3	2°29	14°41	1°48	8° 2	0° 9	13°49	11°48	10°26	15° 1	19°43	T 14
W15	17 44 58	26° 3'22	16° 2	25°10	2°28	3° 3	14°42	1°51	8° 5	0° 8	13°51	11°42	10°23	15° 7	19°46	W15
T 16	17 48 55	27° 0'31	0♍23	27°19	1°52	3°37	14°43	1°54	8° 8	0° 8	13°53	11°37	10°19	15°14	19°50	T 16
F 17	17 52 51	27°57'41	14°41	29°28	1°16	4°11	14°45	1°56	8°11	0° 7	13°54	11°35	10°16	15°21	19°53	F 17
S 18	17 56 48	28°54'51	28°54	1♋37	0°39	4°46	14°46	1°59	8°14	0° 7	13°56	11°D34	10°13	15°27	19°56	S 18
S 19	18 0 44	29°52'00	12♎59	3°44	0° 1	5°20	14°48	2° 1	8°17	0° 6	13°57	11°35	10°10	15°34	19°59	S 19
M20	18 4 41	0♋49'10	26°55	5°50	29♊24	5°55	14°50	2° 4	8°20	0° 5	13°59	11°36	10° 7	15°41	20° 2	M20
T 21	18 8 38	1°46'20	10♏42	7°55	28°47	6°30	14°52	2° 6	8°23	0° 5	14° 1	11°R36	10° 3	15°48	20° 6	T 21
W22	18 12 34	2°43'30	24°19	9°58	28°10	7° 5	14°55	2° 8	8°26	0° 4	14° 2	11°36	10° 0	15°54	20° 9	W22
T 23	18 16 31	3°40'40	7♐46	12° 0	27°33	7°40	14°57	2°10	8°29	0° 3	14° 4	11°33	9°57	16° 1	20°12	T 23
F 24	18 20 27	4°37'51	21° 1	14° 1	26°58	8°15	15° 0	2°12	8°33	0° 3	14° 6	11°28	9°54	16° 8	20°15	F 24
S 25	18 24 24	5°35'02	4♑ 3	15°59	26°24	8°50	15° 3	2°13	8°36	0° 2	14° 7	11°21	9°51	16°14	20°18	S 25
S 26	18 28 20	6°32'13	16°52	17°56	25°51	9°26	15° 6	2°15	8°39	0° 1	14° 9	11°12	9°48	16°21	20°21	S 26
M27	18 32 17	7°29'25	29°28	19°52	25°20	10° 1	15° 9	2°17	8°43	0° 0	14°11	11° 2	9°44	16°28	20°24	M27
T 28	18 36 13	8°26'38	11♒50	21°45	24°50	10°37	15°12	2°18	8°46	29♒59	14°12	10°52	9°41	16°34	20°27	T 28
W29	18 40 10	9°23'52	23°59	23°37	24°22	11°12	15°16	2°20	8°49	29°58	14°14	10°43	9°38	16°41	20°30	W29
T 30	18 44 7	10♋21'06	5♓59	25♋27	23♊56	11♍48	15♎19	2♈21	8♌53	29♒57	14♋16	10♉36	9♉35	16♓48	20♉32	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n29	21s 7	5s12	18n21	1s10	23n50	0n28	14n15	1n 8	4s34	1n23	1s44	2s21	19n11	0n40	12s24	0s59	26n20	3n26	15n36	15n16	10s31	16n35	1s 2	W 1
T 2	22 36	16 57	5 1	18 57	0 59	23 39	0 16	14 3	1 7	4 34	1 23	1 43	2 22	19 10	0 40	12 24	0 59	26 20	3 26	15 35	15 15	10 28	16 36	1 2	T 2
F 3	22 43	12 11	4 37	19 33	0 47	23 28	0 4	13 51	1 6	4 33	1 22	1 41	2 22	19 10	0 40	12 24	0 59	26 20	3 26	15 35	15 14	10 25	16 37	1 2	F 3
S 4	22 49	6 59	4 1	20 8	0 36	23 16	0s 8	13 39	1 5	4 33	1 22	1 40	2 22	19 9	0 40	12 24	0 59	26 20	3 26	15 35	15 13	10 22	16 38	1 2	S 4
S 5	22 55	1 31	3 15	20 43	0 24	23 4	0 21	13 27	1 4	4 33	1 22	1 39	2 22	19 8	0 40	12 24	0 59	26 20	3 26	15 35	15 12	10 19	16 39	1 2	S 5
M 6	23 1	4n 4	2 20	21 16	0 13	22 52	0 35	13 14	1 3	4 33	1 22	1 38	2 23	19 8	0 40	12 24	0 59	26 20	3 26	15 36	15 11	10 15	16 40	1 3	M 6
T 7	23 6	9 35	1 17	21 47	0 1	22 39	0 48	13 1	1 2	4 33	1 21	1 36	2 23	19 7	0 40	12 24	0 59	26 19	3 26	15 36	15 10	10 12	16 40	1 3	T 7
W 8	23 11	14 52	0 10	22 17	0n10	22 27	1 2	12 49	1 1	4 34	1 21	1 35	2 23	19 6	0 40	12 24	0 59	26 19	3 26	15 37	15 9	10 9	16 41	1 3	W 8
T 9	23 15	19 38	0n59	22 46	0 21	22 14	1 15	12 36	1 0	4 34	1 21	1 34	2 24	19 5	0 40	12 24	0 59	26 19	3 26	15 36	15 8	10 6	16 42	1 3	T 9
F 10	23 19	23 35	2 7	23 12	0 31	22 1	1 29	12 23	0 59	4 34	1 20	1 33	2 24	19 5	0 40	12 25	0 59	26 19	3 26	15 36	15 7	10 3	16 43	1 3	F 10
S 11	23 23	26 21	3 9	23 36	0 41	21 48	1 44	12 10	0 58	4 35	1 20	1 32	2 24	19 4	0 40	12 25	0 59	26 19	3 26	15 35	15 6	10 0	16 44	1 3	S 11
S 12	23 26	27 36	4 2	23 57	0 50	21 35	1 58	11 57	0 56	4 35	1 20	1 31	2 24	19 3	0 40	12 25	0 59	26 19	3 26	15 33	15 5	9 57	16 44	1 3	S 12
M13	23 29	27 6	4 41	24 16	0 59	21 22	2 12	11 44	0 55	4 36	1 20	1 30	2 25	19 2	0 40	12 25	0 59	26 19	3 26	15 31	15 4	9 54	16 45	1 4	M13
T 14	23 31	24 51	5 4	24 32	1 7	21 8	2 26	11 31	0 54	4 36	1 19	1 29	2 25	19 2	0 40	12 25	0 59	26 18	3 26	15 29	15 3	9 51	16 46	1 4	T 14
W15	23 33	21 2	5 8	24 46	1 15	20 55	2 40	11 17	0 53	4 37	1 19	1 28	2 25	19 1	0 40	12 25	0 59	26 18	3 26	15 27	15 2	9 48	16 47	1 4	W15
T 16	23 34	15 58	4 52	24 57	1 22	20 42	2 54	11 4	0 52	4 38	1 19	1 28	2 25	19 0	0 40	12 26	0 59	26 18	3 27	15 26	15 1	9 45	16 48	1 4	T 16
F 17	23 36	10 2	4 19	25 4	1 28	20 29	3 8	10 50	0 51	4 39	1 18	1 27	2 26	18 59	0 39	12 26	0 59	26 18	3 27	15 25	15 0	9 42	16 48	1 4	F 17
S 18	23 36	3 38	3 30	25 9	1 33	20 15	3 21	10 37	0 50	4 40	1 18	1 26	2 26	18 58	0 39	12 26	0 59	26 18	3 27	15 25	14 59	9 39	16 49	1 4	S 18
S 19	23 37	2s53	2 28	25 11	1 38	20 2	3 34	10 23	0 49	4 41	1 18	1 25	2 26	18 57	0 39	12 26	0 59	26 18	3 27	15 25	14 58	9 35	16 50	1 4	S 19
M20	23 36	9 14	1 18	25 11	1 42	19 50	3 47	10 9	0 48	4 42	1 18	1 25	2 27	18 57	0 39	12 27	0 59	26 18	3 27	15 25	14 57	9 32	16 50	1 5	M20
T 21	23 36	15 4	0 5	25 7	1 45	19 37	3 59	9 55	0 47	4 43	1 17	1 24	2 27	18 56	0 39	12 27	0 59	26 18	3 27	15 25	14 56	9 29	16 51	1 5	T 21
W22	23 35	20 5	1s 8	25 1	1 48	19 25	4 11	9 41	0 46	4 44	1 17	1 24	2 27	18 55	0 39	12 27	0 59	26 17	3 27	15 25	14 55	9 26	16 52	1 5	W22
T 23	23 33	23 59	2 16	24 53	1 50	19 13	4 22	9 27	0 45	4 45	1 17	1 23	2 27	18 54	0 39	12 27	0 59	26 17	3 27	15 24	14 54	9 23	16 53	1 5	T 23
F 24	23 32	26 33	3 15	24 42	1 51	19 2	4 33	9 13	0 44	4 46	1 16	1 23	2 28	18 53	0 39	12 28	0 59	26 17	3 27	15 23	14 53	9 20	16 53	1 5	F 24
S 25	23 29	27 36	4 3	24 29	1 51	18 51	4 43	8 59	0 44	4 48	1 16	1 22	2 28	18 52	0 39	12 28	0 59	26 17	3 27	15 20	14 52	9 17	16 54	1 5	S 25
S 26	23 27	27 8	4 38	24 14	1 51	18 41	4 52	8 45	0 43	4 49	1 16	1 22	2 28	18 51	0 39	12 28	1 0	26 17	3 27	15 18	14 51	9 14	16 55	1 5	S 26
M27	23 24	25 16	4 58	23 56	1 50	18 31	5 1	8 30	0 42	4 51	1 16	1 21	2 29	18 51	0 39	12 29	1 0	26 17	3 27	15 14	14 50	9 11	16 55	1 6	M27
T 28	23 20	22 14	5 4	23 37	1 49	18 22	5 9	8 16	0 41	4 52	1 15	1 21	2 29	18 50	0 39	12 29	1 0	26 17	3 27	15 11	14 49	9 7	16 56	1 6	T 28
W29	23 16	18 16	4 56	23 17	1 47	18 13	5 17	8 1	0 40	4 54	1 15	1 21	2 29	18 49	0 39	12 29	1 0	26 17	3 27	15 9	14 48	9 4	16 56	1 6	W29
T 30	23n12	13s38	4s35	22n54	1n44	18n 5	5s24	7n47	0n39	4s56	1n15	1s21	2s29	18n48	0n39	12s30	1s 0	26n16	3n27	15n 6	14n47	9s 1	16n57	1s 6	T 30

Julian Day Number = 1977249.5, Delta T = 01h00m36s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'09, Lahiri = 5°46'10 Julian Calendar 1 June 701 == Greg. Calendar 5 June 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

JULY 701 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 48 3	11♋18'21	17♓52	27♋15	23°R32	12♍24	15♎23	2♈22	8♌56	29°R57	14♋17	10°R31	9♉32	16♓55	20♉35	F 1
S 2	18 52 0	12°15'37	29°43	29° 2	23♊10	13° 0	15°27	2°23	8°59	29♒56	14°19	10♉28	9°29	17° 1	20°38	S 2
S 3	18 55 56	13°12'54	11♈35	0♌46	22°51	13°36	15°31	2°24	9° 3	29°55	14°21	10°D27	9°25	17° 8	20°41	S 3
M 4	18 59 53	14°10'12	23°35	2°29	22°34	14°12	15°36	2°25	9° 6	29°54	14°22	10°27	9°22	17°15	20°43	M 4
T 5	19 3 49	15° 7'31	5♉47	4°11	22°19	14°49	15°40	2°26	9°10	29°53	14°24	10°R28	9°19	17°21	20°46	T 5
W 6	19 7 46	16° 4'52	18°17	5°50	22° 6	15°25	15°45	2°26	9°13	29°51	14°26	10°28	9°16	17°28	20°49	W 6
T 7	19 11 42	17° 2'13	1♊ 9	7°28	21°56	16° 2	15°50	2°27	9°17	29°50	14°28	10°26	9°13	17°35	20°51	T 7
F 8	19 15 39	17°59'36	14°25	9° 4	21°49	16°38	15°55	2°27	9°20	29°49	14°29	10°22	9° 9	17°41	20°54	F 8
S 9	19 19 36	18°57'00	28° 7	10°38	21°43	17°15	16° 0	2°28	9°24	29°48	14°31	10°15	9° 6	17°48	20°56	S 9
S 10	19 23 32	19°54'24	12♋13	12°11	21°41	17°52	16° 5	2°28	9°27	29°47	14°33	10° 6	9° 3	17°55	20°59	S 10
M11	19 27 29	20°51'50	26°39	13°42	21°D40	18°29	16°11	2°28	9°31	29°46	14°34	9°56	9° 0	18° 1	21° 1	M11
T 12	19 31 25	21°49'17	11♌19	15°11	21°42	19° 6	16°16	2°R28	9°35	29°45	14°36	9°46	8°57	18° 8	21° 3	T 12
W13	19 35 22	22°46'45	26° 4	16°39	21°46	19°43	16°22	2°28	9°38	29°43	14°38	9°36	8°54	18°15	21° 6	W13
T 14	19 39 18	23°44'13	10♍48	18° 4	21°52	20°20	16°28	2°28	9°42	29°42	14°39	9°28	8°50	18°22	21° 8	T 14
F 15	19 43 15	24°41'43	25°22	19°28	22° 0	20°57	16°34	2°28	9°46	29°41	14°41	9°23	8°47	18°28	21°10	F 15
S 16	19 47 11	25°39'13	9♎43	20°50	22°11	21°35	16°40	2°27	9°49	29°40	14°43	9°21	8°44	18°35	21°12	S 16
S 17	19 51 8	26°36'44	23°48	22°10	22°23	22°12	16°46	2°27	9°53	29°38	14°44	9°D20	8°41	18°42	21°14	S 17
M18	19 55 5	27°34'16	7♏37	23°28	22°38	22°50	16°53	2°26	9°57	29°37	14°46	9°R20	8°38	18°48	21°16	M18
T 19	19 59 1	28°31'49	21°10	24°45	22°54	23°27	16°59	2°25	10° 0	29°36	14°48	9°20	8°35	18°55	21°18	T 19
W20	20 2 58	29°29'23	4♐29	25°59	23°13	24° 5	17° 6	2°25	10° 4	29°34	14°49	9°18	8°31	19° 2	21°20	W20
T 21	20 6 54	0♌26'58	17°35	27°11	23°33	24°43	17°13	2°24	10° 8	29°33	14°51	9°13	8°28	19° 8	21°22	T 21
F 22	20 10 51	1°24'34	0♑29	28°21	23°55	25°21	17°20	2°23	10°11	29°32	14°53	9° 6	8°25	19°15	21°24	F 22
S 23	20 14 47	2°22'11	13°12	29°29	24°18	25°59	17°27	2°21	10°15	29°30	14°54	8°56	8°22	19°22	21°26	S 23
S 24	20 18 44	3°19'50	25°44	0♍34	24°44	26°37	17°34	2°20	10°19	29°29	14°56	8°44	8°19	19°28	21°28	S 24
M25	20 22 41	4°17'29	8♒ 6	1°37	25°11	27°15	17°42	2°19	10°22	29°27	14°57	8°30	8°15	19°35	21°29	M25
T 26	20 26 37	5°15'11	20°18	2°37	25°39	27°53	17°49	2°18	10°26	29°26	14°59	8°17	8°12	19°42	21°31	T 26
W27	20 30 34	6°12'53	2♓21	3°35	26° 9	28°32	17°57	2°16	10°30	29°24	15° 1	8° 5	8° 9	19°49	21°33	W27
T 28	20 34 30	7°10'38	14°17	4°30	26°41	29°10	18° 5	2°14	10°34	29°23	15° 2	7°54	8° 6	19°55	21°34	T 28
F 29	20 38 27	8° 8'23	26° 7	5°21	27°14	29°49	18°13	2°13	10°37	29°21	15° 4	7°47	8° 3	20° 2	21°36	F 29
S 30	20 42 23	9° 6'11	7♈56	6°10	27°48	0♎27	18°21	2°11	10°41	29°20	15° 5	7°42	8° 0	20° 9	21°37	S 30
S 31	20 46 20	10♌ 4'00	19♈46	6♍55	28♊23	1♎ 6	18♎29	2♈ 9	10♌45	29♒18	15♋ 7	7♉39	7♉56	20♓15	21♉39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n 7	8s33	4s 3	22n30	1n41	17n58	5s30	7n32	0n38	4s57	1n14	1s20	2s30	18n47	0n39	12s30	1s 0	26n16	3n27	15n 5	14n46	8s58	16n58	1s 6	F 1
S 2	23 2	3 10	3 20	22 5	1 37	17 51	5 35	7 17	0 37	4 59	1 14	1 20	2 30	18 46	0 39	12 31	1 0	26 16	3 27	15 4	14 45	8 55	16 58	1 6	S 2
S 3	22 57	2n21	2 28	21 38	1 33	17 45	5 40	7 3	0 36	5 1	1 14	1 20	2 30	18 45	0 39	12 31	1 0	26 16	3 27	15 4	14 44	8 52	16 59	1 7	S 3
M 4	22 51	7 51	1 29	21 11	1 28	17 40	5 45	6 48	0 35	5 3	1 14	1 20	2 31	18 44	0 39	12 31	1 0	26 16	3 28	15 4	14 43	8 49	16 59	1 7	M 4
T 5	22 45	13 9	0 25	20 42	1 23	17 35	5 49	6 33	0 34	5 5	1 13	1 20	2 31	18 43	0 39	12 32	1 0	26 16	3 28	15 4	14 42	8 46	17 0	1 7	T 5
W 6	22 38	18 4	0n42	20 12	1 18	17 31	5 52	6 18	0 33	5 7	1 13	1 20	2 31	18 42	0 39	12 32	1 0	26 16	3 28	15 4	14 41	8 42	17 0	1 7	W 6
T 7	22 31	22 17	1 48	19 41	1 12	17 28	5 54	6 3	0 32	5 9	1 13	1 20	2 31	18 41	0 39	12 33	1 0	26 16	3 28	15 3	14 40	8 39	17 1	1 7	T 7
F 8	22 23	25 30	2 50	19 10	1 5	17 25	5 56	5 48	0 31	5 11	1 13	1 20	2 32	18 40	0 39	12 33	1 0	26 15	3 28	15 2	14 39	8 36	17 1	1 7	F 8
S 9	22 16	27 20	3 45	18 38	0 59	17 24	5 58	5 32	0 31	5 14	1 12	1 20	2 32	18 39	0 39	12 33	1 0	26 15	3 28	15 0	14 38	8 33	17 2	1 7	S 9
S 10	22 7	27 29	4 27	18 5	0 52	17 22	5 59	5 17	0 30	5 16	1 12	1 20	2 32	18 38	0 39	12 34	1 0	26 15	3 28	14 57	14 37	8 30	17 2	1 8	S 10
M11	21 59	25 46	4 54	17 32	0 44	17 22	6 0	5 2	0 29	5 18	1 12	1 21	2 33	18 38	0 39	12 34	1 0	26 15	3 28	14 54	14 36	8 27	17 3	1 8	M11
T 12	21 50	22 20	5 2	16 58	0 36	17 22	6 0	4 46	0 28	5 21	1 12	1 21	2 33	18 37	0 39	12 35	1 0	26 15	3 28	14 50	14 35	8 23	17 3	1 8	T 12
W13	21 40	17 27	4 49	16 24	0 28	17 22	6 0	4 31	0 27	5 23	1 11	1 21	2 33	18 36	0 39	12 35	1 0	26 15	3 28	14 47	14 34	8 20	17 4	1 8	W13
T 14	21 30	11 33	4 18	15 50	0 20	17 23	5 59	4 15	0 26	5 26	1 11	1 21	2 33	18 35	0 39	12 36	1 0	26 15	3 28	14 45	14 33	8 17	17 4	1 8	T 14
F 15	21 20	5 4	3 30	15 16	0 11	17 24	5 58	4 0	0 25	5 28	1 11	1 22	2 34	18 34	0 39	12 36	1 0	26 15	3 28	14 43	14 32	8 14	17 5	1 8	F 15
S 16	21 10	1s35	2 30	14 41	0 2	17 26	5 57	3 44	0 24	5 31	1 11	1 22	2 34	18 33	0 39	12 37	1 0	26 15	3 28	14 42	14 31	8 11	17 5	1 9	S 16
S 17	20 59	8 3	1 21	14 7	0s 7	17 29	5 55	3 28	0 23	5 33	1 10	1 23	2 34	18 32	0 39	12 37	1 0	26 14	3 29	14 42	14 30	8 8	17 5	1 9	S 17
M18	20 48	14 0	0 9	13 32	0 16	17 32	5 53	3 13	0 23	5 36	1 10	1 23	2 35	18 31	0 39	12 38	1 0	26 14	3 29	14 42	14 29	8 4	17 6	1 9	M18
T 19	20 36	19 11	1s 2	12 58	0 25	17 35	5 51	2 57	0 22	5 39	1 10	1 24	2 35	18 30	0 39	12 38	1 0	26 14	3 29	14 42	14 28	8 1	17 6	1 9	T 19
W20	20 24	23 18	2 9	12 24	0 35	17 38	5 48	2 41	0 21	5 42	1 10	1 24	2 35	18 29	0 39	12 39	1 0	26 14	3 29	14 42	14 27	7 58	17 7	1 9	W20
T 21	20 12	26 8	3 7	11 50	0 45	17 42	5 45	2 25	0 20	5 45	1 9	1 25	2 35	18 28	0 39	12 39	1 0	26 14	3 29	14 40	14 26	7 55	17 7	1 9	T 21
F 22	19 59	27 32	3 55	11 16	0 55	17 46	5 42	2 9	0 19	5 47	1 9	1 26	2 36	18 27	0 39	12 40	1 0	26 14	3 29	14 38	14 25	7 52	17 7	1 10	F 22
S 23	19 46	27 26	4 31	10 43	1 5	17 51	5 39	1 53	0 18	5 50	1 9	1 26	2 36	18 26	0 39	12 40	1 0	26 14	3 29	14 35	14 24	7 49	17 8	1 10	S 23
S 24	19 33	25 56	4 52	10 10	1 16	17 55	5 35	1 37	0 17	5 53	1 9	1 27	2 36	18 25	0 39	12 41	1 0	26 14	3 29	14 31	14 23	7 45	17 8	1 10	S 24
M25	19 19	23 11	5 0	9 38	1 26	18 0	5 32	1 21	0 17	5 57	1 8	1 28	2 37	18 24	0 39	12 41	1 0	26 14	3 29	14 26	14 21	7 42	17 8	1 10	M25
T 26	19 5	19 27	4 53	9 7	1 37	18 5	5 28	1 5	0 16	6 0	1 8	1 29	2 37	18 23	0 39	12 42	1 0	26 14	3 29	14 22	14 20	7 39	17 8	1 10	T 26
W27	18 51	14 58	4 34	8 36	1 47	18 10	5 24	0 49	0 15	6 3	1 8	1 30	2 37	18 22	0 39	12 42	1 0	26 14	3 29	14 18	14 19	7 36	17 9	1 11	W27
T 28	18 37	9 57	4 2	8 6	1 58	18 15	5 19	0 33	0 14	6 6	1 8	1 30	2 37	18 20	0 39	12 43	1 1	26 13	3 30	14 15	14 18	7 33	17 9	1 11	T 28
F 29	18 22	4 37	3 21	7 37	2 8	18 20	5 15	0 17	0 13	6 9	1 7	1 31	2 38	18 19	0 39	12 43	1 1	26 13	3 30	14 12	14 17	7 29	17 9	1 11	F 29
S 30	18 6	0n52	2 30	7 10	2 19	18 25	5 10	0 1	0 12	6 12	1 7	1 32	2 38	18 18	0 39	12 44	1 1	26 13	3 30	14 10	14 16	7 26	17 9	1 11	S 30
S 31	17n51	6n21	1s33	6n43	2s30	18n30	5s 6	0s16	0n12	6s16	1n 7	1s33	2s38	18n17	0n39	12s45	1s 1	26n13	3n30	14n10	14n15	7s23	17n 9	1s11	S 31

Julian Day Number = 1977279.5, Delta T = 01h00m35s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'13, Lahiri = 5°46'14 Julian Calendar 1 July 701 == Greg. Calendar 5 July 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

AUGUST 701 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 50 16	11♌ 1'51	1♉44	7♍37	29♊ 0	1♎45	18♎37	2°R 7	10♌49	29°R17	15♋ 8	7°R38	7♉53	20♓22	21♉40	M 1
T 2	20 54 13	11°59'44	13°54	8°15	29°38	2°24	18°46	2♈ 5	10°52	29♒15	15°10	7♉38	7°50	20°29	21°41	T 2
W 3	20 58 9	12°57'39	26°22	8°49	0♋17	3° 3	18°54	2° 3	10°56	29°14	15°12	7°38	7°47	20°35	21°42	W 3
T 4	21 2 6	13°55'36	9♊12	9°19	0°58	3°42	19° 3	2° 0	11° 0	29°12	15°13	7°36	7°44	20°42	21°44	T 4
F 5	21 6 3	14°53'35	22°29	9°45	1°39	4°21	19°11	1°58	11° 4	29°10	15°15	7°32	7°41	20°49	21°45	F 5
S 6	21 9 59	15°51'35	6♋15	10° 5	2°21	5° 0	19°20	1°56	11° 7	29° 9	15°16	7°25	7°37	20°55	21°46	S 6
S 7	21 13 56	16°49'38	20°30	10°21	3° 5	5°39	19°29	1°53	11°11	29° 7	15°18	7°16	7°34	21° 2	21°47	S 7
M 8	21 17 52	17°47'42	5♌ 9	10°31	3°49	6°19	19°38	1°50	11°15	29° 6	15°19	7° 6	7°31	21° 9	21°48	M 8
T 9	21 21 49	18°45'49	20° 7	10°R36	4°34	6°58	19°48	1°48	11°18	29° 4	15°20	6°55	7°28	21°16	21°49	T 9
W10	21 25 45	19°43'56	5♍13	10°35	5°20	7°38	19°57	1°45	11°22	29° 2	15°22	6°44	7°25	21°22	21°49	W10
T 11	21 29 42	20°42'06	20°18	10°28	6° 7	8°17	20° 6	1°42	11°26	29° 1	15°23	6°36	7°21	21°29	21°50	T 11
F 12	21 33 38	21°40'17	5♎12	10°15	6°55	8°57	20°16	1°39	11°30	28°59	15°25	6°31	7°18	21°36	21°51	F 12
S 13	21 37 35	22°38'29	19°49	9°55	7°43	9°37	20°25	1°36	11°33	28°57	15°26	6°28	7°15	21°42	21°52	S 13
S 14	21 41 32	23°36'44	4♏ 4	9°29	8°33	10°17	20°35	1°33	11°37	28°56	15°28	6°D27	7°12	21°49	21°52	S 14
M15	21 45 28	24°34'59	17°56	8°57	9°23	10°57	20°45	1°29	11°41	28°54	15°29	6°R27	7° 9	21°56	21°53	M15
T 16	21 49 25	25°33'17	1♐26	8°18	10°13	11°37	20°55	1°26	11°44	28°53	15°30	6°27	7° 6	22° 2	21°53	T 16
W17	21 53 21	26°31'36	14°37	7°34	11° 5	12°17	21° 5	1°23	11°48	28°51	15°32	6°25	7° 2	22° 9	21°54	W17
T 18	21 57 18	27°29'56	27°31	6°44	11°57	12°57	21°15	1°19	11°52	28°49	15°33	6°22	6°59	22°16	21°54	T 18
F 19	22 1 14	28°28'19	10♑10	5°50	12°50	13°38	21°25	1°16	11°55	28°48	15°34	6°16	6°56	22°22	21°54	F 19
S 20	22 5 11	29°26'43	22°38	4°52	13°43	14°18	21°35	1°12	11°59	28°46	15°36	6° 7	6°53	22°29	21°55	S 20
S 21	22 9 7	0♍25'08	4♒56	3°51	14°37	14°58	21°46	1° 8	12° 3	28°44	15°37	5°56	6°50	22°36	21°55	S 21
M22	22 13 4	1°23'36	17° 5	2°49	15°32	15°39	21°56	1° 5	12° 6	28°43	15°38	5°44	6°47	22°42	21°55	M22
T 23	22 17 1	2°22'05	29° 7	1°47	16°27	16°20	22° 7	1° 1	12°10	28°41	15°39	5°32	6°43	22°49	21°55	T 23
W24	22 20 57	3°20'36	11♓ 3	0°47	17°23	17° 0	22°18	0°57	12°13	28°39	15°41	5°21	6°40	22°56	21°R55	W24
T 25	22 24 54	4°19'10	22°55	29♌49	18°19	17°41	22°28	0°53	12°17	28°38	15°42	5°12	6°37	23° 2	21°55	T 25
F 26	22 28 50	5°17'45	4♈43	28°56	19°16	18°22	22°39	0°49	12°20	28°36	15°43	5° 5	6°34	23° 9	21°55	F 26
S 27	22 32 47	6°16'22	16°32	28° 9	20°13	19° 3	22°50	0°45	12°24	28°34	15°44	5° 1	6°31	23°16	21°55	S 27
S 28	22 36 43	7°15'02	28°23	27°28	21°11	19°44	23° 1	0°41	12°27	28°33	15°45	4°59	6°27	23°22	21°55	S 28
M29	22 40 40	8°13'44	10♉22	26°56	22° 9	20°25	23°12	0°37	12°31	28°31	15°46	4°D59	6°24	23°29	21°54	M29
T 30	22 44 36	9°12'28	22°31	26°32	23° 8	21° 6	23°23	0°32	12°34	28°29	15°48	5° 0	6°21	23°36	21°54	T 30
W31	22 48 33	10♍11'15	4♊57	26♌18	24♋ 7	21♎47	23♎34	0♈28	12♌38	28♒28	15♋49	5°R 1	6♉18	23♓43	21♉54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n35	11n40	0s31	6n18	2s40	18n36	5s 1	0s32	0n11	6s19	1n 7	1s34	2s38	18n16	0n39	12s45	1s 1	26n13	3n30	14n 9	14n14	7s20	17n10	1s11
T 2	17 19	16 39	0n33	5 54	2 50	18 41	4 56	0 48	0 10	6 23	1 6	1 35	2 39	18 15	0 39	12 46	1 1	26 13	3 30	14 9	14 13	7 17	17 10	1 12
W 3	17 3	21 3	1 37	5 32	3 0	18 46	4 51	1 5	0 9	6 26	1 6	1 37	2 39	18 14	0 39	12 46	1 1	26 13	3 30	14 9	14 12	7 13	17 10	1 12
T 4	16 46	24 36	2 39	5 12	3 10	18 51	4 46	1 21	0 8	6 30	1 6	1 38	2 39	18 13	0 39	12 47	1 1	26 13	3 30	14 9	14 11	7 10	17 10	1 12
F 5	16 29	26 57	3 34	4 53	3 20	18 56	4 40	1 37	0 8	6 33	1 6	1 39	2 39	18 12	0 39	12 47	1 1	26 13	3 30	14 7	14 10	7 7	17 10	1 12
S 6	16 12	27 45	4 18	4 37	3 29	19 0	4 35	1 54	0 7	6 37	1 6	1 40	2 40	18 11	0 39	12 48	1 1	26 13	3 31	14 5	14 9	7 4	17 10	1 12
S 7	15 54	26 47	4 48	4 23	3 38	19 5	4 30	2 10	0 6	6 40	1 5	1 41	2 40	18 10	0 39	12 49	1 1	26 13	3 31	14 2	14 8	7 1	17 10	1 12
M 8	15 36	23 58	5 1	4 12	3 46	19 9	4 24	2 27	0 5	6 44	1 5	1 43	2 40	18 9	0 39	12 49	1 1	26 13	3 31	13 59	14 7	6 57	17 10	1 13
T 9	15 18	19 30	4 53	4 3	3 53	19 13	4 19	2 43	0 4	6 48	1 5	1 44	2 40	18 8	0 39	12 50	1 1	26 13	3 31	13 55	14 6	6 54	17 10	1 13
W10	15 0	13 46	4 25	3 57	4 0	19 17	4 13	2 59	0 4	6 51	1 5	1 45	2 41	18 7	0 39	12 50	1 1	26 13	3 31	13 52	14 5	6 51	17 11	1 13
T 11	14 42	7 13	3 38	3 54	4 6	19 21	4 8	3 16	0 3	6 55	1 5	1 47	2 41	18 6	0 39	12 51	1 1	26 13	3 31	13 49	14 4	6 48	17 11	1 13
F 12	14 23	0 20	2 37	3 54	4 11	19 24	4 2	3 32	0 2	6 59	1 4	1 48	2 41	18 5	0 39	12 51	1 1	26 12	3 31	13 47	14 3	6 44	17 11	1 13
S 13	14 4	6s28	1 27	3 58	4 15	19 27	3 56	3 49	0 1	7 3	1 4	1 49	2 41	18 4	0 39	12 52	1 1	26 12	3 31	13 46	14 2	6 41	17 11	1 14
S 14	13 45	12 46	0 13	4 6	4 18	19 30	3 50	4 5	0 1	7 7	1 4	1 51	2 42	18 3	0 39	12 53	1 1	26 12	3 31	13 46	14 1	6 38	17 11	1 14
M15	13 25	18 16	1s 1	4 17	4 19	19 32	3 45	4 22	0s 0	7 10	1 4	1 52	2 42	18 2	0 39	12 53	1 1	26 12	3 32	13 46	14 0	6 35	17 10	1 14
T 16	13 6	22 41	2 9	4 31	4 18	19 35	3 39	4 38	0 1	7 14	1 4	1 54	2 42	18 1	0 39	12 54	1 1	26 12	3 32	13 46	13 59	6 32	17 10	1 14
W17	12 46	25 50	3 8	4 50	4 16	19 36	3 33	4 55	0 2	7 18	1 3	1 55	2 42	18 0	0 39	12 54	1 1	26 12	3 32	13 45	13 58	6 28	17 10	1 14
T 18	12 26	27 31	3 56	5 12	4 12	19 38	3 27	5 11	0 3	7 22	1 3	1 57	2 42	17 59	0 39	12 55	1 1	26 12	3 32	13 44	13 57	6 25	17 10	1 15
F 19	12 5	27 44	4 32	5 37	4 6	19 39	3 21	5 28	0 3	7 26	1 3	1 59	2 43	17 58	0 39	12 56	1 1	26 12	3 32	13 42	13 56	6 22	17 10	1 15
S 20	11 45	26 32	4 54	6 6	3 58	19 40	3 15	5 44	0 4	7 30	1 3	2 0	2 43	17 57	0 39	12 56	1 1	26 12	3 32	13 39	13 54	6 19	17 10	1 15
S 21	11 24	24 3	5 2	6 37	3 49	19 40	3 9	6 1	0 5	7 34	1 3	2 2	2 43	17 56	0 39	12 57	1 1	26 12	3 32	13 36	13 53	6 15	17 10	1 15
M22	11 3	20 32	4 57	7 10	3 37	19 40	3 3	6 17	0 6	7 38	1 2	2 4	2 43	17 55	0 39	12 57	1 1	26 12	3 33	13 32	13 52	6 12	17 10	1 15
T 23	10 42	16 11	4 38	7 45	3 23	19 39	2 57	6 34	0 6	7 43	1 2	2 5	2 43	17 54	0 39	12 58	1 1	26 12	3 33	13 28	13 51	6 9	17 10	1 15
W24	10 21	11 16	4 7	8 21	3 8	19 38	2 51	6 50	0 7	7 47	1 2	2 7	2 43	17 53	0 39	12 59	1 1	26 12	3 33	13 24	13 50	6 6	17 9	1 16
T 25	10 0	5 58	3 25	8 57	2 51	19 37	2 46	7 6	0 8	7 51	1 2	2 9	2 44	17 52	0 39	12 59	1 1	26 12	3 33	13 21	13 49	6 2	17 9	1 16
F 26	9 38	0 28	2 34	9 32	2 33	19 35	2 40	7 23	0 8	7 55	1 2	2 10	2 44	17 51	0 39	13 0	1 1	26 12	3 33	13 19	13 48	5 59	17 9	1 16
S 27	9 16	5n 3	1 37	10 6	2 14	19 33	2 34	7 39	0 9	7 59	1 2	2 12	2 44	17 50	0 39	13 0	1 1	26 12	3 33	13 17	13 47	5 56	17 9	1 16
S 28	8 55	10 26	0 35	10 38	1 55	19 30	2 28	7 55	0 10	8 4	1 1	2 14	2 44	17 49	0 40	13 1	1 1	26 12	3 33	13 16	13 46	5 53	17 9	1 16
M29	8 33	15 29	0n29	11 8	1 35	19 26	2 22	8 12	0 11	8 8	1 1	2 16	2 44	17 48	0 40	13 1	1 1	26 12	3 33	13 16	13 45	5 49	17 8	1 17
T 30	8 10	20 2	1 33	11 35	1 15	19 23	2 16	8 28	0 11	8 12	1 1	2 18	2 44	17 47	0 40	13 2	1 1	26 12	3 34	13 17	13 44	5 46	17 8	1 17
W31	7n48	23n48	2n34	11n58	0s56	19n18	2s10	8s44	0s12	8s16	1n 1	2s20	2s45	17n46	0n40	13s 3	1s 1	26n12	3n34	13n17	13n43	5s43	17n 8	1s17

Julian Day Number = 1977310.5, Delta T = 01h00m34s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'18, Lahiri = 5°46'18 Julian Calendar 1 Aug. 701 == Greg. Calendar 5 Aug. 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

SEPTEMBER 701 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 52 30	11♍10'04	17♊43	26°D14	25♋ 6	22♎29	23♎46	0°R24	12♌41	28°R26	15♋50	5°R 1	6♉15	23♓49	21°R53	T 1
F 2	22 56 26	12° 8'55	0♋55	26♌20	26° 6	23°10	23°57	0♈19	12°45	28♒25	15°51	4♉59	6°12	23°56	21♉53	F 2
S 3	23 0 23	13° 7'49	14°36	26°35	27° 7	23°51	24° 8	0°15	12°48	28°23	15°52	4°55	6° 8	24° 3	21°52	S 3
S 4	23 4 19	14° 6'45	28°45	27° 1	28° 8	24°33	24°20	0°10	12°51	28°22	15°53	4°49	6° 5	24° 9	21°51	S 4
M 5	23 8 16	15° 5'43	13♌23	27°36	29° 9	25°15	24°31	0° 6	12°55	28°20	15°54	4°42	6° 2	24°16	21°51	M 5
T 6	23 12 12	16° 4'44	28°23	28°20	0♌10	25°56	24°43	0° 1	12°58	28°18	15°55	4°35	5°59	24°23	21°50	T 6
W 7	23 16 9	17° 3'47	13♍36	29°12	1°12	26°38	24°55	29♓57	13° 1	28°17	15°56	4°27	5°56	24°29	21°49	W 7
T 8	23 20 5	18° 2'51	28°52	0♍12	2°15	27°20	25° 6	29°52	13° 4	28°15	15°57	4°22	5°52	24°36	21°48	T 8
F 9	23 24 2	19° 1'58	14♎ 1	1°18	3°17	28° 2	25°18	29°47	13° 8	28°14	15°58	4°18	5°49	24°43	21°47	F 9
S 10	23 27 59	20° 1'07	28°53	2°31	4°20	28°44	25°30	29°43	13°11	28°12	15°58	4°D16	5°46	24°49	21°46	S 10
S 11	23 31 55	21° 0'18	13♏22	3°50	5°23	29°26	25°42	29°38	13°14	28°11	15°59	4°17	5°43	24°56	21°45	S 11
M12	23 35 52	21°59'30	27°26	5°14	6°27	0♏ 8	25°54	29°33	13°17	28° 9	16° 0	4°18	5°40	25° 3	21°44	M12
T 13	23 39 48	22°58'45	11♐ 3	6°41	7°31	0°50	26° 6	29°29	13°20	28° 8	16° 1	4°19	5°37	25° 9	21°43	T 13
W14	23 43 45	23°58'01	24°16	8°13	8°35	1°33	26°18	29°24	13°23	28° 6	16° 2	4°R20	5°33	25°16	21°42	W14
T 15	23 47 41	24°57'19	7♑ 7	9°47	9°39	2°15	26°31	29°19	13°26	28° 5	16° 3	4°19	5°30	25°23	21°41	T 15
F 16	23 51 38	25°56'39	19°41	11°24	10°44	2°58	26°43	29°14	13°29	28° 3	16° 3	4°16	5°27	25°29	21°39	F 16
S 17	23 55 34	26°56'01	2♒ 0	13° 2	11°49	3°40	26°55	29°10	13°32	28° 2	16° 4	4°12	5°24	25°36	21°38	S 17
S 18	23 59 31	27°55'25	14° 8	14°43	12°54	4°23	27° 8	29° 5	13°35	28° 1	16° 5	4° 6	5°21	25°43	21°37	S 18
M19	0 3 28	28°54'50	26° 8	16°24	14° 0	5° 5	27°20	29° 0	13°38	27°59	16° 5	4° 0	5°18	25°49	21°35	M19
T 20	0 7 24	29°54'18	8♓ 3	18° 7	15° 6	5°48	27°32	28°55	13°41	27°58	16° 6	3°54	5°14	25°56	21°34	T 20
W21	0 11 21	0♎53'47	19°54	19°50	16°12	6°31	27°45	28°51	13°44	27°57	16° 7	3°48	5°11	26° 3	21°32	W21
T 22	0 15 17	1°53'19	1♈44	21°33	17°18	7°14	27°57	28°46	13°47	27°55	16° 7	3°43	5° 8	26° 9	21°30	T 22
F 23	0 19 14	2°52'53	13°34	23°17	18°25	7°57	28°10	28°41	13°49	27°54	16° 8	3°39	5° 5	26°16	21°29	F 23
S 24	0 23 10	3°52'28	25°26	25° 1	19°31	8°40	28°23	28°36	13°52	27°53	16° 8	3°38	5° 2	26°23	21°27	S 24
S 25	0 27 7	4°52'06	7♉23	26°45	20°38	9°23	28°35	28°32	13°55	27°51	16° 9	3°D37	4°58	26°29	21°25	S 25
M26	0 31 3	5°51'46	19°28	28°28	21°46	10° 6	28°48	28°27	13°58	27°50	16° 9	3°38	4°55	26°36	21°23	M26
T 27	0 35 0	6°51'29	1♊43	0♎12	22°53	10°49	29° 1	28°22	14° 0	27°49	16°10	3°40	4°52	26°43	21°21	T 27
W28	0 38 56	7°51'14	14°12	1°55	24° 1	11°32	29°14	28°17	14° 3	27°48	16°10	3°42	4°49	26°50	21°20	W28
T 29	0 42 53	8°51'01	26°58	3°37	25° 9	12°16	29°26	28°13	14° 5	27°47	16°11	3°43	4°46	26°56	21°18	T 29
F 30	0 46 50	9♎50'50	10♋ 6	5♎20	26♌17	12♏59	29♎39	28♓ 8	14♌ 8	27♒46	16♋11	3°R43	4♉43	27♓ 3	21♉16	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n26	26n30	3n29	12n17	0s37	19n14	2s 4	9s 0	0s13	8s21	1n 1	2s21	2s45	17n45	0n40	13s 3	1s 1	26n12	3n34	13n17	13n42	5s39	17n 8	1s17
F 2	7 3	27 51	4 15	12 32	0 19	19 8	1 58	9 16	0 13	8 25	1 1	2 23	2 45	17 44	0 40	13 4	1 1	26 12	3 34	13 16	13 41	5 36	17 7	1 17
S 3	6 40	27 35	4 48	12 43	0 1	19 2	1 53	9 32	0 14	8 29	1 0	2 25	2 45	17 43	0 40	13 4	1 1	26 12	3 34	13 15	13 40	5 33	17 7	1 18
S 4	6 18	25 32	5 6	12 50	0n15	18 56	1 47	9 49	0 15	8 34	1 0	2 27	2 45	17 42	0 40	13 5	1 1	26 12	3 34	13 13	13 39	5 30	17 7	1 18
M 5	5 55	21 46	5 4	12 52	0 30	18 49	1 41	10 5	0 16	8 38	1 0	2 29	2 45	17 41	0 40	13 5	1 1	26 12	3 34	13 11	13 38	5 26	17 6	1 18
T 6	5 32	16 31	4 41	12 50	0 44	18 42	1 36	10 20	0 16	8 43	1 0	2 31	2 45	17 41	0 40	13 6	1 1	26 12	3 35	13 8	13 37	5 23	17 6	1 18
W 7	5 9	10 10	3 59	12 43	0 57	18 34	1 30	10 36	0 17	8 47	1 0	2 33	2 45	17 40	0 40	13 6	1 1	26 12	3 35	13 6	13 35	5 20	17 5	1 18
T 8	4 45	3 12	2 59	12 33	1 8	18 26	1 24	10 52	0 18	8 52	1 0	2 35	2 45	17 39	0 40	13 7	1 1	26 12	3 35	13 4	13 34	5 17	17 5	1 18
F 9	4 22	3s55	1 47	12 18	1 18	18 17	1 19	11 8	0 18	8 56	1 0	2 37	2 45	17 38	0 40	13 8	1 1	26 12	3 35	13 3	13 33	5 13	17 5	1 19
S 10	3 59	10 42	0 29	12 0	1 27	18 7	1 13	11 24	0 19	9 1	0 59	2 39	2 46	17 37	0 40	13 8	1 1	26 12	3 35	13 2	13 32	5 10	17 4	1 19
S 11	3 35	16 45	0s49	11 38	1 34	17 58	1 8	11 39	0 20	9 5	0 59	2 41	2 46	17 36	0 40	13 9	1 1	26 12	3 35	13 2	13 31	5 7	17 4	1 19
M12	3 12	21 42	2 2	11 13	1 41	17 47	1 2	11 55	0 20	9 10	0 59	2 42	2 46	17 35	0 40	13 9	1 1	26 12	3 36	13 3	13 30	5 3	17 3	1 19
T 13	2 48	25 20	3 6	10 45	1 46	17 36	0 57	12 11	0 21	9 14	0 59	2 44	2 46	17 34	0 40	13 10	1 1	26 13	3 36	13 3	13 29	5 0	17 3	1 19
W14	2 25	27 27	3 58	10 15	1 50	17 25	0 52	12 26	0 22	9 19	0 59	2 46	2 46	17 33	0 40	13 10	1 1	26 13	3 36	13 3	13 28	4 57	17 2	1 20
T 15	2 1	28 1	4 37	9 42	1 53	17 13	0 47	12 41	0 22	9 23	0 59	2 48	2 46	17 33	0 40	13 11	1 1	26 13	3 36	13 3	13 27	4 54	17 2	1 20
F 16	1 37	27 7	5 1	9 7	1 55	17 0	0 41	12 57	0 23	9 28	0 59	2 50	2 46	17 32	0 40	13 11	1 1	26 13	3 36	13 2	13 26	4 50	17 1	1 20
S 17	1 14	24 53	5 10	8 30	1 56	16 47	0 36	13 12	0 24	9 32	0 58	2 52	2 46	17 31	0 40	13 12	1 1	26 13	3 36	13 1	13 25	4 47	17 1	1 20
S 18	0 50	21 35	5 6	7 51	1 57	16 34	0 31	13 27	0 24	9 37	0 58	2 54	2 46	17 30	0 40	13 12	1 1	26 13	3 36	12 59	13 24	4 44	17 0	1 20
M19	0 26	17 24	4 48	7 11	1 56	16 20	0 26	13 42	0 25	9 42	0 58	2 56	2 46	17 29	0 40	13 13	1 1	26 13	3 37	12 57	13 23	4 40	17 0	1 21
T 20	0 2	12 35	4 18	6 30	1 55	16 5	0 21	13 57	0 26	9 46	0 58	2 58	2 46	17 29	0 40	13 13	1 1	26 13	3 37	12 54	13 22	4 37	16 59	1 21
W21	0s22	7 20	3 36	5 47	1 53	15 50	0 16	14 12	0 26	9 51	0 58	3 0	2 46	17 28	0 40	13 13	1 1	26 13	3 37	12 52	13 21	4 34	16 58	1 21
T 22	0 45	1 50	2 46	5 4	1 51	15 34	0 12	14 27	0 27	9 55	0 58	3 2	2 46	17 27	0 40	13 14	1 1	26 13	3 37	12 51	13 20	4 31	16 58	1 21
F 23	1 9	3n44	1 48	4 20	1 48	15 18	0 7	14 41	0 28	10 0	0 58	3 4	2 46	17 26	0 40	13 14	1 1	26 13	3 37	12 49	13 18	4 27	16 57	1 21
S 24	1 33	9 13	0 45	3 36	1 45	15 2	0 2	14 56	0 28	10 5	0 58	3 6	2 46	17 25	0 40	13 15	1 1	26 13	3 37	12 49	13 17	4 24	16 57	1 21
S 25	1 57	14 24	0n21	2 51	1 41	14 45	0n 2	15 10	0 29	10 9	0 57	3 8	2 46	17 25	0 40	13 15	1 1	26 13	3 38	12 49	13 16	4 21	16 56	1 22
M26	2 21	19 6	1 26	2 5	1 37	14 28	0 7	15 25	0 29	10 14	0 57	3 9	2 46	17 24	0 40	13 16	1 1	26 14	3 38	12 49	13 15	4 17	16 55	1 22
T 27	2 44	23 4	2 28	1 20	1 32	14 10	0 11	15 39	0 30	10 19	0 57	3 11	2 46	17 23	0 40	13 16	1 1	26 14	3 38	12 50	13 14	4 14	16 55	1 22
W28	3 8	26 3	3 25	0 34	1 28	13 51	0 16	15 53	0 31	10 23	0 57	3 13	2 46	17 22	0 40	13 16	1 1	26 14	3 38	12 50	13 13	4 11	16 54	1 22
T 29	3 32	27 47	4 13	0s11	1 22	13 33	0 20	16 7	0 31	10 28	0 57	3 15	2 46	17 22	0 40	13 17	1 1	26 14	3 38	12 51	13 12	4 7	16 53	1 22
F 30	3s56	28n 1	4n49	0s57	1n17	13n13	0n24	16s21	0s32	10s32	0n57	3s17	2s46	17n21	0n40	13s17	1s 1	26n14	3n38	12n51	13n11	4s 4	16n53	1s22

Julian Day Number = 1977341.5, Delta T = 01h00m33s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'22, Lahiri = 5°46'22 Julian Calendar 1 Sept. 701 == Greg. Calendar 5 Sept. 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

OCTOBER 701 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 50 46	10♎50'42	23♋38	7♎ 1	27♌25	13♏43	29♎52	28°R 3	14♌10	27°R44	16♋11	3°R43	4♉39	27♓10	21°R14	S 1
S 2	0 54 43	11°50'36	7♌36	8°43	28°34	14°26	0♏ 5	27♓59	14°13	27♒43	16°12	3♉41	4°36	27°16	21♉11	S 2
M 3	0 58 39	12°50'32	21°59	10°23	29°42	15°10	0°18	27°54	14°15	27°42	16°12	3°39	4°33	27°23	21° 9	M 3
T 4	1 2 36	13°50'31	6♍45	12° 4	0♍51	15°54	0°31	27°50	14°17	27°41	16°12	3°36	4°30	27°30	21° 7	T 4
W 5	1 6 32	14°50'32	21°47	13°43	2° 0	16°37	0°44	27°45	14°20	27°40	16°13	3°34	4°27	27°36	21° 5	W 5
T 6	1 10 29	15°50'34	6♎57	15°22	3° 9	17°21	0°57	27°41	14°22	27°39	16°13	3°32	4°24	27°43	21° 3	T 6
F 7	1 14 25	16°50'39	22° 6	17° 1	4°19	18° 5	1°10	27°37	14°24	27°38	16°13	3°30	4°20	27°50	21° 0	F 7
S 8	1 18 22	17°50'46	7♏ 4	18°39	5°28	18°49	1°23	27°32	14°26	27°37	16°13	3°D30	4°17	27°56	20°58	S 8
S 9	1 22 19	18°50'54	21°43	20°17	6°38	19°33	1°36	27°28	14°28	27°37	16°13	3°31	4°14	28° 3	20°55	S 9
M10	1 26 15	19°51'05	5♐58	21°54	7°48	20°17	1°50	27°24	14°30	27°36	16°14	3°32	4°11	28°10	20°53	M10
T 11	1 30 12	20°51'17	19°45	23°31	8°58	21° 1	2° 3	27°19	14°32	27°35	16°14	3°33	4° 8	28°16	20°51	T 11
W12	1 34 8	21°51'30	3♑ 7	25° 8	10° 8	21°46	2°16	27°15	14°34	27°34	16°14	3°34	4° 4	28°23	20°48	W12
T 13	1 38 5	22°51'46	16° 3	26°43	11°18	22°30	2°29	27°11	14°36	27°33	16°14	3°34	4° 1	28°30	20°45	T 13
F 14	1 42 1	23°52'02	28°38	28°19	12°29	23°14	2°43	27° 7	14°38	27°32	16°R14	3°R34	3°58	28°36	20°43	F 14
S 15	1 45 58	24°52'21	10♒55	29°54	13°39	23°59	2°56	27° 3	14°40	27°32	16°14	3°34	3°55	28°43	20°40	S 15
S 16	1 49 54	25°52'40	23° 0	1♏29	14°50	24°43	3° 9	26°59	14°42	27°31	16°14	3°33	3°52	28°50	20°38	S 16
M17	1 53 51	26°53'02	4♓56	3° 3	16° 1	25°28	3°22	26°56	14°43	27°30	16°14	3°32	3°49	28°56	20°35	M17
T 18	1 57 48	27°53'24	16°46	4°37	17°12	26°12	3°36	26°52	14°45	27°30	16°14	3°32	3°45	29° 3	20°32	T 18
W19	2 1 44	28°53'49	28°35	6°11	18°23	26°57	3°49	26°48	14°47	27°29	16°14	3°31	3°42	29°10	20°30	W19
T 20	2 5 41	29°54'14	10♈26	7°44	19°34	27°42	4° 2	26°45	14°48	27°29	16°13	3°30	3°39	29°16	20°27	T 20
F 21	2 9 37	0♏54'42	22°20	9°17	20°45	28°26	4°16	26°41	14°50	27°28	16°13	3°30	3°36	29°23	20°24	F 21
S 22	2 13 34	1°55'11	4♉21	10°50	21°57	29°11	4°29	26°38	14°51	27°28	16°13	3°D30	3°33	29°30	20°21	S 22
S 23	2 17 30	2°55'42	16°29	12°23	23° 8	29°56	4°42	26°34	14°53	27°27	16°13	3°30	3°29	29°36	20°18	S 23
M24	2 21 27	3°56'14	28°47	13°55	24°20	0♐41	4°56	26°31	14°54	27°27	16°13	3°R30	3°26	29°43	20°16	M24
T 25	2 25 23	4°56'49	11♊16	15°27	25°32	1°26	5° 9	26°28	14°55	27°26	16°12	3°30	3°23	29°50	20°13	T 25
W26	2 29 20	5°57'25	23°57	16°58	26°44	2°11	5°22	26°25	14°57	27°26	16°12	3°30	3°20	29°56	20°10	W26
T 27	2 33 17	6°58'02	6♋53	18°30	27°56	2°56	5°36	26°22	14°58	27°26	16°12	3°29	3°17	0♈ 3	20° 7	T 27
F 28	2 37 13	7°58'42	20° 5	20° 1	29° 8	3°41	5°49	26°19	14°59	27°25	16°11	3°29	3°14	0°10	20° 4	F 28
S 29	2 41 10	8°59'23	3♌35	21°32	0♎20	4°27	6° 2	26°16	15° 0	27°25	16°11	3°D29	3°10	0°16	20° 1	S 29
S 30	2 45 6	10° 0'06	17°24	23° 3	1°32	5°12	6°16	26°13	15° 1	27°25	16°11	3°29	3° 7	0°23	19°58	S 30
M31	2 49 3	11♏ 0'51	1♍31	24♏33	2♎45	5♐57	6♏29	26♓10	15♌ 2	27♒25	16♋10	3♉29	3♉ 4	0♈30	19♉55	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s19	26n37	5n10	1s43	1n11	12n54	0n28	16s35	0s32	10s37	0n57	3s19	2s46	17n20	0n40	13s18	1s 1	26n14	3n39	12n51	13n10	4s 1	16n52	1s23
S 2	4 43	23 34	5 14	2 28	1 6	12 34	0 32	16 49	0 33	10 42	0 57	3 20	2 46	17 20	0 40	13 18	1 1	26 14	3 39	12 50	13 9	3 57	16 51	1 23
M 3	5 6	18 59	4 59	3 14	1 0	12 13	0 36	17 2	0 34	10 46	0 57	3 22	2 46	17 19	0 41	13 18	1 1	26 14	3 39	12 49	13 8	3 54	16 50	1 23
T 4	5 30	13 11	4 24	3 59	0 54	11 52	0 40	17 15	0 34	10 51	0 57	3 24	2 46	17 18	0 41	13 19	1 1	26 15	3 39	12 48	13 7	3 51	16 50	1 23
W 5	5 53	6 30	3 31	4 43	0 47	11 31	0 44	17 29	0 35	10 56	0 56	3 26	2 46	17 18	0 41	13 19	1 1	26 15	3 39	12 47	13 6	3 47	16 49	1 23
T 6	6 17	0s37	2 22	5 28	0 41	11 9	0 48	17 42	0 35	11 0	0 56	3 27	2 45	17 17	0 41	13 19	1 1	26 15	3 39	12 47	13 4	3 44	16 48	1 23
F 7	6 40	7 42	1 3	6 12	0 35	10 47	0 51	17 55	0 36	11 5	0 56	3 29	2 45	17 16	0 41	13 20	1 1	26 15	3 40	12 46	13 3	3 41	16 47	1 24
S 8	7 3	14 17	0s20	6 56	0 28	10 25	0 55	18 8	0 37	11 10	0 56	3 31	2 45	17 16	0 41	13 20	1 1	26 15	3 40	12 46	13 2	3 38	16 47	1 24
S 9	7 26	19 55	1 39	7 39	0 22	10 2	0 58	18 20	0 37	11 14	0 56	3 32	2 45	17 15	0 41	13 20	1 1	26 15	3 40	12 47	13 1	3 34	16 46	1 24
M10	7 49	24 15	2 50	8 22	0 15	9 39	1 1	18 33	0 38	11 19	0 56	3 34	2 45	17 15	0 41	13 20	1 1	26 15	3 40	12 47	13 0	3 31	16 45	1 24
T 11	8 12	27 1	3 49	9 4	0 8	9 16	1 5	18 45	0 38	11 24	0 56	3 35	2 45	17 14	0 41	13 21	1 1	26 16	3 40	12 47	12 59	3 28	16 44	1 24
W12	8 35	28 8	4 34	9 46	0 2	8 52	1 8	18 57	0 39	11 28	0 56	3 37	2 45	17 14	0 41	13 21	1 1	26 16	3 40	12 48	12 58	3 24	16 43	1 24
T 13	8 57	27 38	5 2	10 27	0s 5	8 28	1 11	19 10	0 39	11 33	0 56	3 38	2 45	17 13	0 41	13 21	1 1	26 16	3 41	12 48	12 57	3 21	16 43	1 25
F 14	9 20	25 44	5 16	11 8	0 12	8 4	1 14	19 21	0 40	11 38	0 56	3 40	2 45	17 13	0 41	13 22	1 1	26 16	3 41	12 48	12 56	3 18	16 42	1 25
S 15	9 42	22 39	5 15	11 48	0 18	7 39	1 17	19 33	0 40	11 42	0 56	3 41	2 44	17 12	0 41	13 22	1 1	26 16	3 41	12 48	12 55	3 14	16 41	1 25
S 16	10 4	18 39	4 59	12 28	0 25	7 14	1 19	19 45	0 41	11 47	0 56	3 43	2 44	17 12	0 41	13 22	1 1	26 16	3 41	12 47	12 54	3 11	16 40	1 25
M17	10 26	13 58	4 31	13 6	0 31	6 49	1 22	19 56	0 41	11 51	0 55	3 44	2 44	17 11	0 41	13 22	1 1	26 16	3 41	12 47	12 53	3 8	16 39	1 25
T 18	10 48	8 48	3 51	13 45	0 38	6 23	1 25	20 7	0 42	11 56	0 55	3 46	2 44	17 11	0 41	13 22	1 0	26 17	3 41	12 47	12 51	3 4	16 38	1 25
W19	11 10	3 21	3 2	14 22	0 44	5 58	1 27	20 18	0 43	12 1	0 55	3 47	2 44	17 10	0 41	13 23	1 0	26 17	3 42	12 47	12 50	3 1	16 37	1 26
T 20	11 31	2n15	2 5	14 59	0 51	5 32	1 29	20 29	0 43	12 5	0 55	3 48	2 44	17 10	0 41	13 23	1 0	26 17	3 42	12 46	12 49	2 58	16 37	1 26
F 21	11 52	7 48	1 2	15 35	0 57	5 5	1 32	20 40	0 44	12 10	0 55	3 50	2 44	17 9	0 41	13 23	1 0	26 17	3 42	12 46	12 48	2 54	16 36	1 26
S 22	12 14	13 8	0n 5	16 11	1 3	4 39	1 34	20 50	0 44	12 14	0 55	3 51	2 43	17 9	0 41	13 23	1 0	26 17	3 42	12 46	12 47	2 51	16 35	1 26
S 23	12 34	18 1	1 12	16 45	1 9	4 12	1 36	21 0	0 45	12 19	0 55	3 52	2 43	17 9	0 41	13 23	1 0	26 18	3 42	12 46	12 46	2 47	16 34	1 26
M24	12 55	22 14	2 16	17 19	1 15	3 46	1 38	21 10	0 45	12 24	0 55	3 53	2 43	17 8	0 41	13 23	1 0	26 18	3 42	12 46	12 45	2 44	16 33	1 26
T 25	13 16	25 30	3 15	17 52	1 21	3 19	1 40	21 20	0 46	12 28	0 55	3 54	2 43	17 8	0 41	13 23	1 0	26 18	3 43	12 46	12 44	2 41	16 32	1 26
W26	13 36	27 33	4 5	18 24	1 26	2 52	1 41	21 30	0 46	12 33	0 55	3 55	2 43	17 8	0 41	13 24	1 0	26 18	3 43	12 46	12 43	2 37	16 31	1 27
T 27	13 56	28 9	4 44	18 55	1 32	2 24	1 43	21 39	0 47	12 37	0 55	3 56	2 42	17 7	0 41	13 24	1 0	26 18	3 43	12 46	12 42	2 34	16 30	1 27
F 28	14 16	27 11	5 9	19 26	1 37	1 57	1 45	21 48	0 47	12 42	0 55	3 57	2 42	17 7	0 42	13 24	1 0	26 19	3 43	12 46	12 41	2 31	16 29	1 27
S 29	14 36	24 38	5 17	19 55	1 42	1 29	1 46	21 57	0 47	12 46	0 55	3 58	2 42	17 7	0 42	13 24	1 0	26 19	3 43	12 46	12 40	2 27	16 28	1 27
S 30	14 55	20 37	5 8	20 23	1 47	1 2	1 48	22 6	0 48	12 51	0 55	3 59	2 42	17 6	0 42	13 24	1 0	26 19	3 43	12 46	12 38	2 24	16 28	1 27
M31	15s14	15n22	4n40	20s51	1s52	0n34	1n49	22s15	0s48	12s55	0n55	4s 0	2s42	17n 6	0n42	13s24	1s 0	26n19	3n44	12n46	12n37	2s21	16n27	1s27

Julian Day Number = 1977371.5, Delta T = 01h00m33s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'26, Lahiri = 5°46'27 Julian Calendar 1 Oct. 701 == Greg. Calendar 5 Oct. 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

NOVEMBER 701 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 52 59	12♏ 1'37	15♍56	26♏ 3	3♎57	6♐43	6♏42	26°R 8	15♌ 3	27°R24	16°R10	3♉30	3♉ 1	0♈36	19°R52	T 1
W 2	2 56 56	13° 2'25	0♎35	27°33	5°10	7°28	6°56	26♓ 5	15° 4	27♒24	16♋ 9	3°31	2°58	0°43	19♉49	W 2
T 3	3 0 52	14° 3'15	15°23	29° 2	6°23	8°14	7° 9	26° 3	15° 5	27°24	16° 9	3°31	2°55	0°50	19°46	T 3
F 4	3 4 49	15° 4'06	0♏14	0♐31	7°35	8°59	7°22	26° 0	15° 6	27°24	16° 8	3°R32	2°51	0°56	19°43	F 4
S 5	3 8 46	16° 4'58	15° 0	2° 0	8°48	9°45	7°36	25°58	15° 6	27°D24	16° 8	3°32	2°48	1° 3	19°40	S 5
S 6	3 12 42	17° 5'52	29°35	3°28	10° 1	10°30	7°49	25°56	15° 7	27°24	16° 7	3°31	2°45	1°10	19°37	S 6
M 7	3 16 39	18° 6'47	13♐51	4°55	11°14	11°16	8° 2	25°54	15° 8	27°24	16° 7	3°29	2°42	1°16	19°34	M 7
T 8	3 20 35	19° 7'43	27°44	6°22	12°27	12° 2	8°16	25°52	15° 8	27°24	16° 6	3°27	2°39	1°23	19°31	T 8
W 9	3 24 32	20° 8'40	11♑11	7°48	13°40	12°48	8°29	25°50	15° 9	27°24	16° 5	3°25	2°35	1°30	19°28	W 9
T 10	3 28 28	21° 9'38	24°14	9°13	14°53	13°34	8°42	25°49	15° 9	27°24	16° 5	3°22	2°32	1°36	19°25	T 10
F 11	3 32 25	22°10'36	6♒54	10°38	16° 7	14°19	8°55	25°47	15°10	27°25	16° 4	3°21	2°29	1°43	19°22	F 11
S 12	3 36 21	23°11'36	19°15	12° 1	17°20	15° 5	9° 8	25°46	15°10	27°25	16° 3	3°D20	2°26	1°50	19°19	S 12
S 13	3 40 18	24°12'36	1♓20	13°22	18°33	15°51	9°22	25°44	15°10	27°25	16° 3	3°20	2°23	1°56	19°16	S 13
M14	3 44 15	25°13'37	13°15	14°43	19°47	16°37	9°35	25°43	15°10	27°25	16° 2	3°21	2°20	2° 3	19°13	M14
T 15	3 48 11	26°14'38	25° 4	16° 1	21° 0	17°23	9°48	25°42	15°10	27°26	16° 1	3°23	2°16	2°10	19°10	T 15
W16	3 52 8	27°15'40	6♈53	17°17	22°14	18°10	10° 1	25°41	15°11	27°26	16° 0	3°25	2°13	2°16	19° 7	W16
T 17	3 56 4	28°16'43	18°45	18°31	23°27	18°56	10°14	25°40	15°R11	27°26	15°59	3°26	2°10	2°23	19° 4	T 17
F 18	4 0 1	29°17'46	0♉45	19°42	24°41	19°42	10°27	25°39	15°11	27°27	15°59	3°R27	2° 7	2°30	19° 1	F 18
S 19	4 3 57	0♐18'50	12°55	20°49	25°55	20°28	10°40	25°38	15°10	27°27	15°58	3°27	2° 4	2°36	18°58	S 19
S 20	4 7 54	1°19'55	25°17	21°53	27° 9	21°15	10°53	25°38	15°10	27°28	15°57	3°25	2° 1	2°43	18°55	S 20
M21	4 11 50	2°21'01	7♊52	22°52	28°22	22° 1	11° 6	25°37	15°10	27°28	15°56	3°22	1°57	2°50	18°52	M21
T 22	4 15 47	3°22'07	20°42	23°46	29°36	22°47	11°19	25°37	15°10	27°29	15°55	3°17	1°54	2°56	18°49	T 22
W23	4 19 44	4°23'14	3♋46	24°35	0♏50	23°34	11°32	25°36	15°10	27°29	15°54	3°12	1°51	3° 3	18°47	W23
T 24	4 23 40	5°24'22	17° 3	25°17	2° 4	24°20	11°44	25°36	15° 9	27°30	15°53	3° 6	1°48	3°10	18°44	T 24
F 25	4 27 37	6°25'31	0♌31	25°51	3°18	25° 7	11°57	25°D36	15° 9	27°31	15°52	3° 1	1°45	3°16	18°41	F 25
S 26	4 31 33	7°26'40	14°12	26°17	4°32	25°53	12°10	25°36	15° 8	27°31	15°51	2°58	1°41	3°23	18°38	S 26
S 27	4 35 30	8°27'51	28° 2	26°34	5°46	26°40	12°23	25°36	15° 8	27°32	15°50	2°56	1°38	3°30	18°35	S 27
M28	4 39 26	9°29'01	12♍ 2	26°R41	7° 0	27°26	12°35	25°37	15° 7	27°33	15°49	2°D55	1°35	3°36	18°32	M28
T 29	4 43 23	10°30'13	26°11	26°37	8°14	28°13	12°48	25°37	15° 7	27°34	15°48	2°56	1°32	3°43	18°30	T 29
W30	4 47 20	11♐31'25	10♎27	26♐22	9♏29	29♐ 0	13♏ 1	25♓38	15♌ 6	27♒34	15♋47	2♉57	1♉29	3♈50	18♉27	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s33	9n11	3n55	21s17	1s56	0n 6	1n50	22s23	0s49	12s59	0n55	4s 1	2s41	17n 6	0n42	13s24	1s 0	26n19	3n44	12n46	12n36	2s17	16n26	1s27
W 2	15 52	2 24	2 53	21 42	2 0	0s22	1 51	22 31	0 49	13 4	0 55	4 2	2 41	17 6	0 42	13 24	1 0	26 20	3 44	12 46	12 35	2 14	16 25	1 28
T 3	16 10	4s35	1 39	22 6	2 4	0 50	1 52	22 39	0 50	13 8	0 55	4 3	2 41	17 6	0 42	13 24	1 0	26 20	3 44	12 47	12 34	2 11	16 24	1 28
F 4	16 28	11 21	0 18	22 29	2 8	1 18	1 53	22 47	0 50	13 13	0 54	4 3	2 41	17 5	0 42	13 24	1 0	26 20	3 44	12 47	12 33	2 7	16 23	1 28
S 5	16 46	17 28	1s 3	22 51	2 11	1 46	1 54	22 54	0 51	13 17	0 54	4 4	2 41	17 5	0 42	13 24	1 0	26 20	3 44	12 47	12 32	2 4	16 22	1 28
S 6	17 4	22 28	2 19	23 11	2 14	2 15	1 54	23 1	0 51	13 21	0 54	4 5	2 40	17 5	0 42	13 24	1 0	26 21	3 45	12 46	12 31	2 1	16 21	1 28
M 7	17 21	26 1	3 25	23 30	2 17	2 43	1 55	23 8	0 51	13 26	0 54	4 5	2 40	17 5	0 42	13 24	1 0	26 21	3 45	12 46	12 30	1 57	16 20	1 28
T 8	17 38	27 52	4 17	23 48	2 19	3 11	1 56	23 15	0 52	13 30	0 54	4 6	2 40	17 5	0 42	13 24	1 0	26 21	3 45	12 45	12 29	1 54	16 19	1 28
W 9	17 54	28 0	4 53	24 5	2 20	3 39	1 56	23 21	0 52	13 34	0 54	4 6	2 40	17 5	0 42	13 24	1 0	26 21	3 45	12 44	12 27	1 50	16 18	1 28
T 10	18 11	26 32	5 12	24 20	2 22	4 7	1 56	23 28	0 53	13 39	0 54	4 7	2 39	17 5	0 42	13 24	1 0	26 21	3 45	12 44	12 26	1 47	16 17	1 29
F 11	18 27	23 45	5 15	24 33	2 23	4 35	1 57	23 34	0 53	13 43	0 54	4 7	2 39	17 4	0 42	13 24	1 0	26 22	3 45	12 43	12 25	1 44	16 16	1 29
S 12	18 42	19 57	5 4	24 45	2 23	5 3	1 57	23 39	0 54	13 47	0 54	4 8	2 39	17 4	0 42	13 24	1 0	26 22	3 45	12 43	12 24	1 40	16 15	1 29
S 13	18 57	15 25	4 39	24 56	2 23	5 31	1 57	23 45	0 54	13 51	0 54	4 8	2 39	17 4	0 42	13 23	1 0	26 22	3 46	12 43	12 23	1 37	16 15	1 29
M14	19 12	10 21	4 3	25 5	2 22	5 59	1 57	23 50	0 54	13 56	0 54	4 8	2 39	17 4	0 42	13 23	1 0	26 22	3 46	12 43	12 22	1 34	16 14	1 29
T 15	19 27	4 58	3 16	25 12	2 21	6 27	1 57	23 55	0 55	14 0	0 54	4 8	2 38	17 4	0 42	13 23	1 0	26 23	3 46	12 44	12 21	1 30	16 13	1 29
W16	19 41	0n36	2 21	25 17	2 18	6 55	1 56	23 59	0 55	14 4	0 54	4 9	2 38	17 4	0 42	13 23	1 0	26 23	3 46	12 44	12 20	1 27	16 12	1 29
T 17	19 55	6 10	1 20	25 21	2 15	7 23	1 56	24 4	0 55	14 8	0 54	4 9	2 38	17 4	0 42	13 23	1 0	26 23	3 46	12 45	12 19	1 24	16 11	1 29
F 18	20 9	11 35	0 15	25 24	2 12	7 50	1 56	24 8	0 56	14 12	0 54	4 9	2 38	17 4	0 42	13 23	1 0	26 23	3 46	12 45	12 18	1 20	16 10	1 29
S 19	20 22	16 39	0n52	25 24	2 7	8 18	1 55	24 12	0 56	14 16	0 54	4 9	2 37	17 5	0 42	13 23	1 0	26 24	3 47	12 45	12 16	1 17	16 9	1 30
S 20	20 34	21 7	1 57	25 23	2 1	8 45	1 55	24 15	0 56	14 20	0 54	4 9	2 37	17 5	0 43	13 22	1 0	26 24	3 47	12 44	12 15	1 13	16 8	1 30
M21	20 47	24 42	2 58	25 20	1 55	9 12	1 54	24 19	0 57	14 24	0 54	4 9	2 37	17 5	0 43	13 22	1 0	26 24	3 47	12 43	12 14	1 10	16 7	1 30
T 22	20 59	27 7	3 50	25 15	1 47	9 39	1 53	24 22	0 57	14 29	0 54	4 9	2 37	17 5	0 43	13 22	1 0	26 24	3 47	12 42	12 13	1 7	16 6	1 30
W23	21 10	28 5	4 32	25 8	1 38	10 5	1 52	24 24	0 57	14 33	0 54	4 9	2 36	17 5	0 43	13 22	1 0	26 25	3 47	12 40	12 12	1 3	16 5	1 30
T 24	21 21	27 28	5 0	25 0	1 28	10 32	1 52	24 27	0 58	14 36	0 54	4 9	2 36	17 5	0 43	13 22	1 0	26 25	3 47	12 38	12 11	1 0	16 5	1 30
F 25	21 32	25 15	5 11	24 50	1 17	10 58	1 51	24 29	0 58	14 40	0 54	4 8	2 36	17 5	0 43	13 21	1 0	26 25	3 47	12 36	12 10	0 57	16 4	1 30
S 26	21 42	21 33	5 6	24 38	1 4	11 24	1 49	24 31	0 58	14 44	0 54	4 8	2 35	17 5	0 43	13 21	1 0	26 25	3 47	12 35	12 9	0 53	16 3	1 30
S 27	21 52	16 39	4 43	24 24	0 50	11 50	1 48	24 33	0 59	14 48	0 54	4 8	2 35	17 6	0 43	13 21	1 0	26 26	3 48	12 34	12 8	0 50	16 2	1 30
M28	22 2	10 49	4 2	24 9	0 35	12 16	1 47	24 34	0 59	14 52	0 54	4 7	2 35	17 6	0 43	13 20	1 0	26 26	3 48	12 34	12 7	0 46	16 1	1 30
T 29	22 11	4 23	3 7	23 53	0 19	12 41	1 46	24 35	0 59	14 56	0 54	4 7	2 35	17 6	0 43	13 20	0 59	26 26	3 48	12 35	12 5	0 43	16 0	1 30
W30	22s19	2s20	2n 0	23s34	0s 1	13s 6	1n45	24s36	1s 0	15s 0	0n54	4s 7	2s34	17n 6	0n43	13s20	0s59	26n26	3n48	12n35	12n 4	0s40	15n59	1s31

Julian Day Number = 1977402.5, Delta T = 01h00m32s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'30, Lahiri = 5°46'31 Julian Calendar 1 Nov. 701 == Greg. Calendar 5 Nov. 701

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ASTRODIENST EPHEMERIS for the year 701
geocentric

DECEMBER 701 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 51 16	12♐32'38	24♎48	25°R55	10♏43	29♐46	13♏13	25♓38	15°R 5	27♒35	15°R46	2♉59	1♉26	3♈56	18°R24	T 1
F 2	4 55 13	13°33'52	9♏11	25♐16	11°57	0♑33	13°26	25°39	15♌ 5	27°36	15♋45	2°R59	1°22	4° 3	18♉21	F 2
S 3	4 59 9	14°35'06	23°32	24°26	13°11	1°20	13°38	25°40	15° 4	27°37	15°44	2°57	1°19	4°10	18°19	S 3
S 4	5 3 6	15°36'20	7♐46	23°25	14°26	2° 7	13°50	25°41	15° 3	27°38	15°43	2°53	1°16	4°16	18°16	S 4
M 5	5 7 2	16°37'35	21°48	22°16	15°40	2°54	14° 3	25°42	15° 2	27°39	15°41	2°47	1°13	4°23	18°14	M 5
T 6	5 10 59	17°38'50	5♑33	21° 1	16°55	3°41	14°15	25°43	15° 1	27°40	15°40	2°39	1°10	4°30	18°11	T 6
W 7	5 14 55	18°40'04	18°58	19°41	18° 9	4°27	14°27	25°44	15° 0	27°41	15°39	2°31	1° 7	4°36	18° 9	W 7
T 8	5 18 52	19°41'19	2♒ 1	18°19	19°23	5°14	14°39	25°45	14°59	27°42	15°38	2°23	1° 3	4°43	18° 6	T 8
F 9	5 22 49	20°42'34	14°43	16°58	20°38	6° 1	14°51	25°47	14°58	27°43	15°37	2°16	1° 0	4°50	18° 4	F 9
S 10	5 26 45	21°43'48	27° 6	15°41	21°52	6°48	15° 3	25°49	14°56	27°44	15°36	2°10	0°57	4°56	18° 1	S 10
S 11	5 30 42	22°45'02	9♓13	14°30	23° 7	7°35	15°15	25°50	14°55	27°46	15°34	2° 7	0°54	5° 3	17°59	S 11
M12	5 34 38	23°46'15	21° 9	13°26	24°21	8°22	15°27	25°52	14°54	27°47	15°33	2°D 6	0°51	5°10	17°57	M12
T 13	5 38 35	24°47'28	2♈58	12°32	25°36	9°10	15°39	25°54	14°52	27°48	15°32	2° 6	0°47	5°16	17°54	T 13
W14	5 42 31	25°48'41	14°47	11°47	26°50	9°57	15°51	25°56	14°51	27°49	15°31	2° 7	0°44	5°23	17°52	W14
T 15	5 46 28	26°49'53	26°40	11°12	28° 5	10°44	16° 3	25°58	14°50	27°51	15°29	2°R 8	0°41	5°30	17°50	T 15
F 16	5 50 24	27°51'05	8♉42	10°47	29°19	11°31	16°14	26° 0	14°48	27°52	15°28	2° 8	0°38	5°36	17°48	F 16
S 17	5 54 21	28°52'16	20°59	10°32	0♐34	12°18	16°26	26° 3	14°47	27°53	15°27	2° 6	0°35	5°43	17°46	S 17
S 18	5 58 18	29°53'27	3♊32	10°D27	1°49	13° 5	16°37	26° 5	14°45	27°55	15°25	2° 2	0°32	5°50	17°44	S 18
M19	6 2 14	0♑54'38	16°24	10°30	3° 3	13°52	16°49	26° 8	14°43	27°56	15°24	1°55	0°28	5°56	17°42	M19
T 20	6 6 11	1°55'48	29°35	10°41	4°18	14°40	17° 0	26°10	14°42	27°58	15°23	1°46	0°25	6° 3	17°40	T 20
W21	6 10 7	2°56'57	13♋ 4	11° 0	5°32	15°27	17°11	26°13	14°40	27°59	15°22	1°35	0°22	6°10	17°38	W21
T 22	6 14 4	3°58'06	26°48	11°26	6°47	16°14	17°22	26°16	14°38	28° 1	15°20	1°24	0°19	6°16	17°36	T 22
F 23	6 18 0	4°59'15	10♌44	11°58	8° 2	17° 1	17°33	26°19	14°36	28° 2	15°19	1°14	0°16	6°23	17°34	F 23
S 24	6 21 57	6° 0'23	24°47	12°35	9°16	17°49	17°44	26°22	14°35	28° 4	15°18	1° 6	0°13	6°30	17°32	S 24
S 25	6 25 54	7° 1'31	8♍53	13°18	10°31	18°36	17°55	26°25	14°33	28° 5	15°16	1° 0	0° 9	6°36	17°30	S 25
M26	6 29 50	8° 2'39	23° 1	14° 5	11°46	19°23	18° 6	26°28	14°31	28° 7	15°15	0°57	0° 6	6°43	17°29	M26
T 27	6 33 47	9° 3'46	7♎ 8	14°56	13° 0	20°11	18°17	26°32	14°29	28° 8	15°14	0°D56	0° 3	6°49	17°27	T 27
W28	6 37 43	10° 4'52	21°12	15°51	14°15	20°58	18°27	26°35	14°27	28°10	15°12	0°56	29♈59	6°56	17°26	W28
T 29	6 41 40	11° 5'59	5♏14	16°49	15°30	21°45	18°38	26°39	14°25	28°12	15°11	0°R56	29°57	7° 3	17°24	T 29
F 30	6 45 36	12° 7'05	19°12	17°51	16°45	22°33	18°48	26°42	14°23	28°13	15°10	0°55	29°53	7° 9	17°23	F 30
S 31	6 49 33	13♑ 8'10	3♐ 5	18♐55	17♐59	23♑20	18♏59	26♓46	14♌21	28♒15	15♋ 8	0♉51	29♈50	7♈16	17♉21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s28	8s59	0n44	23s15	0n18	13s31	1n43	24s36	1s 0	15s 4	0n54	4s 6	2s34	17n 7	0n43	13s20	0s59	26n27	3n48	12n35	12n 3	0s36	15n59	1s31
F 2	22 35	15 11	0s34	22 54	0 37	13 55	1 42	24 37	1 0	15 7	0 54	4 6	2 34	17 7	0 43	13 19	0 59	26 27	3 48	12 36	12 2	0 33	15 58	1 31
S 3	22 43	20 33	1 49	22 32	0 57	14 19	1 40	24 37	1 0	15 11	0 54	4 5	2 34	17 7	0 43	13 19	0 59	26 27	3 48	12 35	12 1	0 30	15 57	1 31
S 4	22 50	24 40	2 57	22 9	1 17	14 43	1 39	24 36	1 1	15 15	0 54	4 4	2 33	17 7	0 43	13 18	0 59	26 28	3 49	12 34	12 0	0 26	15 56	1 31
M 5	22 56	27 14	3 53	21 46	1 37	15 6	1 37	24 36	1 1	15 18	0 54	4 4	2 33	17 8	0 43	13 18	0 59	26 28	3 49	12 31	11 59	0 23	15 55	1 31
T 6	23 2	28 4	4 34	21 23	1 56	15 29	1 35	24 35	1 1	15 22	0 54	4 3	2 33	17 8	0 43	13 18	0 59	26 28	3 49	12 29	11 58	0 19	15 55	1 31
W 7	23 7	27 12	4 59	21 0	2 13	15 52	1 33	24 33	1 1	15 26	0 54	4 2	2 33	17 8	0 43	13 17	0 59	26 28	3 49	12 26	11 57	0 16	15 54	1 31
T 8	23 12	24 51	5 8	20 37	2 29	16 14	1 32	24 32	1 2	15 29	0 54	4 1	2 32	17 9	0 43	13 17	0 59	26 29	3 49	12 23	11 55	0 13	15 53	1 31
F 9	23 17	21 19	5 1	20 17	2 42	16 36	1 30	24 30	1 2	15 33	0 54	4 1	2 32	17 9	0 43	13 17	0 59	26 29	3 49	12 21	11 54	0 9	15 52	1 31
S 10	23 21	16 56	4 39	19 58	2 53	16 57	1 28	24 28	1 2	15 36	0 54	4 0	2 32	17 10	0 43	13 16	0 59	26 29	3 49	12 19	11 53	0 6	15 52	1 31
S 11	23 25	11 58	4 6	19 41	3 2	17 18	1 26	24 26	1 2	15 40	0 54	3 59	2 32	17 10	0 43	13 16	0 59	26 29	3 49	12 18	11 52	0 3	15 51	1 31
M12	23 28	6 38	3 22	19 28	3 8	17 38	1 24	24 23	1 3	15 43	0 54	3 58	2 31	17 10	0 43	13 15	0 59	26 30	3 49	12 17	11 51	0n 1	15 50	1 31
T 13	23 30	1 7	2 30	19 17	3 12	17 58	1 22	24 20	1 3	15 47	0 54	3 57	2 31	17 11	0 43	13 15	0 59	26 30	3 50	12 17	11 50	0 4	15 50	1 31
W14	23 33	4n27	1 32	19 9	3 14	18 18	1 19	24 17	1 3	15 50	0 54	3 56	2 31	17 11	0 43	13 14	0 59	26 30	3 50	12 18	11 49	0 8	15 49	1 31
T 15	23 34	9 54	0 29	19 5	3 14	18 37	1 17	24 13	1 3	15 53	0 54	3 55	2 30	17 12	0 44	13 14	0 59	26 30	3 50	12 18	11 48	0 11	15 48	1 32
F 16	23 35	15 3	0n35	19 3	3 12	18 56	1 15	24 9	1 3	15 57	0 54	3 54	2 30	17 12	0 44	13 13	0 59	26 31	3 50	12 18	11 46	0 14	15 48	1 32
S 17	23 36	19 43	1 39	19 5	3 8	19 14	1 13	24 5	1 3	16 0	0 54	3 52	2 30	17 13	0 44	13 13	0 59	26 31	3 50	12 17	11 45	0 18	15 47	1 32
S 18	23 37	23 37	2 40	19 9	3 4	19 31	1 10	24 1	1 4	16 3	0 54	3 51	2 30	17 13	0 44	13 12	0 59	26 31	3 50	12 16	11 44	0 21	15 46	1 32
M19	23 36	26 27	3 34	19 15	2 58	19 48	1 8	23 56	1 4	16 7	0 54	3 50	2 29	17 14	0 44	13 12	0 59	26 31	3 50	12 13	11 43	0 25	15 46	1 32
T 20	23 36	27 54	4 17	19 23	2 51	20 5	1 6	23 51	1 4	16 10	0 54	3 49	2 29	17 14	0 44	13 11	0 59	26 32	3 50	12 10	11 42	0 28	15 45	1 32
W21	23 35	27 44	4 48	19 33	2 44	20 21	1 3	23 46	1 4	16 13	0 54	3 47	2 29	17 15	0 44	13 11	0 59	26 32	3 50	12 6	11 41	0 31	15 44	1 32
T 22	23 33	25 53	5 2	19 44	2 36	20 36	1 1	23 41	1 4	16 16	0 54	3 46	2 29	17 15	0 44	13 10	0 59	26 32	3 50	12 3	11 40	0 35	15 44	1 32
F 23	23 31	22 27	4 59	19 57	2 27	20 51	0 58	23 35	1 4	16 19	0 55	3 45	2 28	17 16	0 44	13 10	0 59	26 32	3 51	11 59	11 39	0 38	15 43	1 32
S 24	23 28	17 43	4 38	20 11	2 19	21 5	0 56	23 29	1 5	16 22	0 55	3 43	2 28	17 16	0 44	13 9	0 59	26 33	3 51	11 56	11 38	0 42	15 43	1 32
S 25	23 25	12 0	4 0	20 25	2 10	21 18	0 53	23 22	1 5	16 25	0 55	3 42	2 28	17 17	0 44	13 9	0 59	26 33	3 51	11 54	11 36	0 45	15 42	1 32
M26	23 22	5 39	3 7	20 40	2 0	21 31	0 51	23 16	1 5	16 28	0 55	3 40	2 28	17 18	0 44	13 8	0 59	26 33	3 51	11 53	11 35	0 48	15 42	1 32
T 27	23 18	0s58	2 3	20 55	1 51	21 43	0 48	23 9	1 5	16 31	0 55	3 38	2 27	17 18	0 44	13 8	0 59	26 33	3 51	11 53	11 34	0 52	15 41	1 32
W28	23 13	7 32	0 52	21 10	1 41	21 55	0 46	23 2	1 5	16 34	0 55	3 37	2 27	17 19	0 44	13 7	0 59	26 34	3 51	11 53	11 33	0 55	15 41	1 32
T 29	23 8	13 43	0s23	21 26	1 32	22 6	0 43	22 54	1 5	16 37	0 55	3 35	2 27	17 19	0 44	13 6	0 59	26 34	3 51	11 53	11 32	0 58	15 40	1 32
F 30	23 3	19 10	1 35	21 41	1 22	22 16	0 40	22 47	1 5	16 40	0 55	3 34	2 27	17 20	0 44	13 6	0 59	26 34	3 51	11 52	11 31	1 2	15 40	1 32
S 31	22s57	23s34	2s42	21s56	1n13	22s26	0n38	22s39	1s 5	16s43	0n55	3s32	2s27	17n21	0n44	13s 5	0s59	26n34	3n51	11n51	11n30	1n 5	15n39	1s32

Julian Day Number = 1977432.5, Delta T = 01h00m31s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'34, Lahiri = 5°46'35 Julian Calendar 1 Dec. 701 == Greg. Calendar 5 Dec. 701

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ASTRODIENST EPHEMERIS for the year 702
geocentric

JANUARY 702 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 53 29	14♑ 9'15	16♐51	20♐ 1	19♐14	24♑ 7	19♏ 9	26♓50	14°R19	28♒17	15°R 7	0°R44	29♈47	7♈23	17°R20	S 1
M 2	6 57 26	15°10'19	0♑28	21°10	20°29	24°55	19°19	26°54	14♌16	28°19	15♋ 5	0♉35	29°44	7°29	17♉19	M 2
T 3	7 1 23	16°11'22	13°53	22°20	21°44	25°42	19°29	26°58	14°14	28°20	15° 4	0°23	29°41	7°36	17°17	T 3
W 4	7 5 19	17°12'24	27° 4	23°33	22°58	26°30	19°39	27° 2	14°12	28°22	15° 3	0° 9	29°38	7°43	17°16	W 4
T 5	7 9 16	18°13'25	9♒57	24°47	24°13	27°17	19°49	27° 6	14°10	28°24	15° 1	29♈56	29°34	7°49	17°15	T 5
F 6	7 13 12	19°14'25	22°34	26° 3	25°28	28° 5	19°59	27°11	14° 7	28°26	15° 0	29°44	29°31	7°56	17°14	F 6
S 7	7 17 9	20°15'24	4♓54	27°20	26°43	28°52	20° 9	27°15	14° 5	28°28	14°59	29°34	29°28	8° 3	17°13	S 7
S 8	7 21 5	21°16'22	17° 0	28°39	27°57	29°39	20°18	27°19	14° 3	28°30	14°57	29°27	29°25	8° 9	17°12	S 8
M 9	7 25 2	22°17'18	28°55	29°59	29°12	0♒27	20°27	27°24	14° 0	28°32	14°56	29°22	29°22	8°16	17°11	M 9
T 10	7 28 58	23°18'12	10♈44	1♑20	0♑27	1°14	20°37	27°29	13°58	28°33	14°55	29°20	29°19	8°23	17°10	T 10
W11	7 32 55	24°19'05	22°31	2°42	1°42	2° 2	20°46	27°33	13°56	28°35	14°53	29°20	29°15	8°29	17°10	W11
T 12	7 36 52	25°19'57	4♉24	4° 5	2°56	2°49	20°55	27°38	13°53	28°37	14°52	29°20	29°12	8°36	17° 9	T 12
F 13	7 40 48	26°20'47	16°26	5°30	4°11	3°37	21° 4	27°43	13°51	28°39	14°51	29°19	29° 9	8°43	17° 8	F 13
S 14	7 44 45	27°21'36	28°43	6°55	5°26	4°24	21°13	27°48	13°48	28°41	14°49	29°16	29° 6	8°49	17° 8	S 14
S 15	7 48 41	28°22'23	11♊21	8°21	6°41	5°11	21°22	27°53	13°46	28°43	14°48	29°11	29° 3	8°56	17° 7	S 15
M16	7 52 38	29°23'09	24°22	9°49	7°55	5°59	21°30	27°58	13°43	28°45	14°47	29° 4	28°59	9° 3	17° 7	M16
T 17	7 56 34	0♒23'53	7♋46	11°17	9°10	6°46	21°39	28° 3	13°41	28°47	14°45	28°53	28°56	9° 9	17° 6	T 17
W18	8 0 31	1°24'36	21°35	12°46	10°25	7°34	21°47	28° 9	13°38	28°49	14°44	28°41	28°53	9°16	17° 6	W18
T 19	8 4 27	2°25'17	5♌43	14°16	11°39	8°21	21°55	28°14	13°36	28°52	14°43	28°28	28°50	9°23	17° 6	T 19
F 20	8 8 24	3°25'56	20° 7	15°47	12°54	9° 9	22° 3	28°19	13°33	28°54	14°42	28°16	28°47	9°29	17° 6	F 20
S 21	8 12 21	4°26'35	4♍38	17°19	14° 9	9°56	22°11	28°25	13°31	28°56	14°40	28° 6	28°44	9°36	17° 5	S 21
S 22	8 16 17	5°27'11	19°11	18°51	15°24	10°43	22°19	28°30	13°28	28°58	14°39	27°59	28°40	9°43	17° 5	S 22
M23	8 20 14	6°27'47	3♎39	20°25	16°38	11°31	22°27	28°36	13°25	29° 0	14°38	27°55	28°37	9°49	17°D 5	M23
T 24	8 24 10	7°28'21	17°58	21°59	17°53	12°18	22°34	28°42	13°23	29° 2	14°37	27°54	28°34	9°56	17° 5	T 24
W25	8 28 7	8°28'54	2♏ 7	23°35	19° 8	13° 5	22°42	28°47	13°20	29° 4	14°35	27°53	28°31	10° 2	17° 5	W25
T 26	8 32 3	9°29'25	16° 4	25°11	20°22	13°53	22°49	28°53	13°18	29° 6	14°34	27°53	28°28	10° 9	17° 6	T 26
F 27	8 36 0	10°29'56	29°49	26°48	21°37	14°40	22°56	28°59	13°15	29° 9	14°33	27°52	28°25	10°16	17° 6	F 27
S 28	8 39 56	11°30'25	13♐23	28°26	22°52	15°27	23° 3	29° 5	13°12	29°11	14°32	27°48	28°21	10°22	17° 6	S 28
S 29	8 43 53	12°30'52	26°47	0♒ 5	24° 7	16°15	23°10	29°11	13°10	29°13	14°31	27°42	28°18	10°29	17° 6	S 29
M30	8 47 50	13°31'18	9♑59	1°45	25°21	17° 2	23°16	29°17	13° 7	29°15	14°29	27°33	28°15	10°36	17° 7	M30
T 31	8 51 46	14♒31'43	23♑ 0	3♒26	26♑36	17♒49	23♏23	29♓23	13♌ 5	29♒17	14♋28	27♈21	28♈12	10♈42	17♉ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s51	26s34	3s38	22s10	1n 4	22s35	0n35	22s31	1s 5	16s45	0n55	3s30	2s26	17n21	0n44	13s 4	0s59	26n35	3n51	11n49	11n29	1n 9	15n39	1s32
M 2	22 44	27 57	4 21	22 24	0 54	22 44	0 32	22 22	1 5	16 48	0 55	3 28	2 26	17 22	0 44	13 4	0 59	26 35	3 51	11 45	11 27	1 12	15 39	1 32
T 3	22 37	27 40	4 48	22 38	0 45	22 51	0 30	22 13	1 5	16 51	0 55	3 26	2 26	17 23	0 44	13 3	0 59	26 35	3 51	11 41	11 26	1 15	15 38	1 32
W 4	22 30	25 48	5 0	22 51	0 36	22 58	0 27	22 4	1 5	16 53	0 55	3 25	2 26	17 23	0 44	13 3	0 59	26 35	3 52	11 36	11 25	1 19	15 38	1 32
T 5	22 22	22 37	4 56	23 3	0 27	23 5	0 24	21 55	1 5	16 56	0 55	3 23	2 25	17 24	0 44	13 2	0 59	26 35	3 52	11 32	11 24	1 22	15 38	1 32
F 6	22 13	18 27	4 37	23 14	0 19	23 10	0 22	21 46	1 5	16 59	0 55	3 21	2 25	17 25	0 44	13 1	0 59	26 36	3 52	11 27	11 23	1 26	15 37	1 32
S 7	22 4	13 36	4 6	23 25	0 10	23 15	0 19	21 36	1 6	17 1	0 55	3 19	2 25	17 25	0 44	13 1	0 59	26 36	3 52	11 24	11 22	1 29	15 37	1 33
S 8	21 55	8 18	3 24	23 34	0 2	23 19	0 16	21 26	1 6	17 4	0 55	3 17	2 25	17 26	0 44	13 0	0 59	26 36	3 52	11 21	11 21	1 32	15 37	1 33
M 9	21 45	2 47	2 34	23 43	0s 6	23 23	0 13	21 16	1 6	17 6	0 55	3 15	2 24	17 27	0 44	12 59	0 59	26 36	3 52	11 20	11 19	1 36	15 36	1 33
T 10	21 35	2n48	1 37	23 51	0 14	23 26	0 11	21 5	1 6	17 8	0 55	3 13	2 24	17 28	0 44	12 59	0 59	26 37	3 52	11 19	11 18	1 39	15 36	1 33
W11	21 24	8 16	0 36	23 57	0 22	23 28	0 8	20 55	1 6	17 11	0 56	3 11	2 24	17 28	0 44	12 58	0 59	26 37	3 52	11 19	11 17	1 43	15 36	1 33
T 12	21 13	13 30	0n27	24 2	0 30	23 29	0 5	20 44	1 6	17 13	0 56	3 9	2 24	17 29	0 44	12 57	0 59	26 37	3 52	11 19	11 16	1 46	15 36	1 33
F 13	21 2	18 18	1 29	24 7	0 37	23 30	0 3	20 33	1 6	17 15	0 56	3 6	2 24	17 30	0 44	12 56	0 59	26 37	3 52	11 19	11 15	1 49	15 35	1 33
S 14	20 50	22 26	2 29	24 10	0 44	23 30	0 0	20 21	1 5	17 18	0 56	3 4	2 23	17 30	0 44	12 56	0 59	26 37	3 52	11 18	11 14	1 53	15 35	1 33
S 15	20 38	25 39	3 23	24 11	0 51	23 29	0s 3	20 10	1 5	17 20	0 56	3 2	2 23	17 31	0 44	12 55	0 59	26 38	3 52	11 16	11 13	1 56	15 35	1 33
M16	20 25	27 37	4 8	24 12	0 58	23 27	0 5	19 58	1 5	17 22	0 56	3 0	2 23	17 32	0 44	12 54	0 59	26 38	3 52	11 13	11 12	2 0	15 35	1 33
T 17	20 13	28 3	4 40	24 11	1 4	23 25	0 8	19 46	1 5	17 24	0 56	2 58	2 23	17 33	0 44	12 54	0 59	26 38	3 52	11 9	11 10	2 3	15 35	1 33
W18	19 59	26 46	4 58	24 9	1 10	23 22	0 10	19 34	1 5	17 26	0 56	2 55	2 23	17 33	0 44	12 53	0 59	26 38	3 52	11 5	11 9	2 6	15 35	1 33
T 19	19 46	23 47	4 58	24 6	1 16	23 18	0 13	19 21	1 5	17 28	0 56	2 53	2 22	17 34	0 44	12 52	0 59	26 38	3 52	11 0	11 8	2 10	15 35	1 33
F 20	19 32	19 17	4 39	24 1	1 21	23 14	0 15	19 9	1 5	17 30	0 56	2 51	2 22	17 35	0 44	12 51	0 59	26 38	3 52	10 56	11 7	2 13	15 34	1 33
S 21	19 17	13 38	4 2	23 55	1 27	23 9	0 18	18 56	1 5	17 32	0 56	2 48	2 22	17 36	0 44	12 51	0 59	26 39	3 52	10 53	11 6	2 17	15 34	1 33
S 22	19 2	7 13	3 9	23 47	1 32	23 3	0 21	18 43	1 5	17 34	0 56	2 46	2 22	17 36	0 44	12 50	0 59	26 39	3 52	10 50	11 5	2 20	15 34	1 33
M23	18 47	0 26	2 4	23 38	1 36	22 57	0 23	18 29	1 5	17 36	0 56	2 43	2 22	17 37	0 44	12 49	0 59	26 39	3 52	10 49	11 4	2 23	15 34	1 33
T 24	18 32	6s18	0 52	23 27	1 41	22 49	0 25	18 16	1 5	17 38	0 56	2 41	2 22	17 38	0 44	12 48	0 59	26 39	3 53	10 48	11 2	2 27	15 34	1 33
W25	18 16	12 39	0s22	23 15	1 45	22 42	0 28	18 2	1 5	17 40	0 57	2 39	2 21	17 39	0 45	12 48	0 59	26 39	3 53	10 48	11 1	2 30	15 34	1 33
T 26	18 0	18 16	1 35	23 2	1 48	22 33	0 30	17 49	1 5	17 42	0 57	2 36	2 21	17 39	0 45	12 47	0 59	26 40	3 53	10 48	11 0	2 34	15 34	1 33
F 27	17 44	22 52	2 40	22 46	1 52	22 24	0 33	17 35	1 5	17 43	0 57	2 34	2 21	17 40	0 45	12 46	0 59	26 40	3 53	10 47	10 59	2 37	15 34	1 33
S 28	17 27	26 8	3 36	22 30	1 55	22 14	0 35	17 20	1 4	17 45	0 57	2 31	2 21	17 41	0 45	12 45	0 59	26 40	3 53	10 46	10 58	2 40	15 35	1 33
S 29	17 10	27 53	4 19	22 11	1 57	22 3	0 37	17 6	1 4	17 47	0 57	2 28	2 21	17 42	0 45	12 45	0 59	26 40	3 53	10 44	10 57	2 44	15 35	1 33
M30	16 53	28 0	4 47	21 51	2 0	21 52	0 39	16 52	1 4	17 48	0 57	2 26	2 21	17 43	0 45	12 44	0 59	26 40	3 53	10 40	10 56	2 47	15 35	1 33
T 31	16s35	26s34	5s 0	21s30	2s 2	21s40	0s42	16s37	1s 4	17s50	0n57	2s23	2s20	17n43	0n45	12s43	0s59	26n40	3n53	10n36	10n54	2n51	15n35	1s33

Julian Day Number = 1977463.5, Delta T = 01h00m30s
Ecliptic obliquity = 23°36'32, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'39, Lahiri = 5°46'39 Julian Calendar 1 Jan. 702 == Greg. Calendar 5 Jan. 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

FEBRUARY 702 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 55 43	15♒32'05	5♒49	5♒ 8	27♉51	18♒37	23♏29	29♓30	13°R 2	29♒20	14°R27	27°R 8	28♈ 9	10♈49	17♉ 8	W 1
T 2	8 59 39	16°32'26	18°26	6°50	29° 5	19°24	23°36	29°36	12♌59	29°22	14♋26	26♈55	28° 5	10°56	17° 9	T 2
F 3	9 3 36	17°32'46	0♓50	8°34	0♒20	20°11	23°42	29°42	12°57	29°24	14°25	26°43	28° 2	11° 2	17° 9	F 3
S 4	9 7 32	18°33'03	13° 2	10°19	1°35	20°58	23°48	29°49	12°54	29°26	14°24	26°33	27°59	11° 9	17°10	S 4
S 5	9 11 29	19°33'18	25° 3	12° 5	2°49	21°46	23°53	29°55	12°51	29°29	14°23	26°26	27°56	11°16	17°11	S 5
M 6	9 15 25	20°33'31	6♈55	13°52	4° 4	22°33	23°59	0♈ 1	12°49	29°31	14°22	26°22	27°53	11°22	17°11	M 6
T 7	9 19 22	21°33'42	18°42	15°40	5°19	23°20	24° 5	0° 8	12°46	29°33	14°21	26°20	27°50	11°29	17°12	T 7
W 8	9 23 19	22°33'52	0♉29	17°29	6°33	24° 7	24°10	0°15	12°44	29°35	14°20	26°D19	27°46	11°36	17°13	W 8
T 9	9 27 15	23°33'59	12°20	19°19	7°48	24°54	24°15	0°21	12°41	29°38	14°19	26°20	27°43	11°42	17°14	T 9
F 10	9 31 12	24°34'03	24°21	21°10	9° 2	25°41	24°20	0°28	12°39	29°40	14°18	26°R20	27°40	11°49	17°15	F 10
S 11	9 35 8	25°34'06	6♊36	23° 2	10°17	26°28	24°25	0°35	12°36	29°42	14°17	26°20	27°37	11°56	17°17	S 11
S 12	9 39 5	26°34'06	19°12	24°55	11°32	27°15	24°29	0°41	12°33	29°44	14°16	26°17	27°34	12° 2	17°18	S 12
M13	9 43 1	27°34'05	2♋12	26°49	12°46	28° 3	24°34	0°48	12°31	29°47	14°15	26°12	27°31	12° 9	17°19	M13
T 14	9 46 58	28°34'01	15°39	28°44	14° 1	28°50	24°38	0°55	12°28	29°49	14°14	26° 5	27°27	12°16	17°20	T 14
W15	9 50 54	29°33'55	29°34	0♓39	15°15	29°36	24°42	1° 2	12°26	29°51	14°13	25°57	27°24	12°22	17°22	W15
T 16	9 54 51	0♓33'46	13♌55	2°36	16°30	0♓23	24°46	1° 9	12°24	29°54	14°12	25°48	27°21	12°29	17°23	T 16
F 17	9 58 48	1°33'36	28°36	4°34	17°44	1°10	24°50	1°16	12°21	29°56	14°11	25°39	27°18	12°35	17°25	F 17
S 18	10 2 44	2°33'23	13♍30	6°32	18°59	1°57	24°54	1°23	12°19	29°58	14°10	25°32	27°15	12°42	17°26	S 18
S 19	10 6 41	3°33'08	28°27	8°30	20°13	2°44	24°57	1°30	12°16	0♓ 0	14° 9	25°27	27°11	12°49	17°28	S 19
M20	10 10 37	4°32'52	13♎20	10°29	21°28	3°31	25° 0	1°37	12°14	0° 3	14° 9	25°24	27° 8	12°55	17°29	M20
T 21	10 14 34	5°32'33	28° 1	12°28	22°42	4°18	25° 3	1°44	12°12	0° 5	14° 8	25°D23	27° 5	13° 2	17°31	T 21
W22	10 18 30	6°32'13	12♏26	14°27	23°57	5° 4	25° 6	1°51	12° 9	0° 7	14° 7	25°24	27° 2	13° 9	17°33	W22
T 23	10 22 27	7°31'51	26°33	16°26	25°11	5°51	25° 9	1°59	12° 7	0° 9	14° 6	25°25	26°59	13°15	17°35	T 23
F 24	10 26 23	8°31'28	10♐19	18°24	26°26	6°38	25°11	2° 6	12° 5	0°12	14° 6	25°R26	26°56	13°22	17°37	F 24
S 25	10 30 20	9°31'03	23°48	20°21	27°40	7°25	25°14	2°13	12° 2	0°14	14° 5	25°25	26°52	13°29	17°38	S 25
S 26	10 34 17	10°30'35	6♑59	22°16	28°55	8°11	25°16	2°20	12° 0	0°16	14° 4	25°22	26°49	13°35	17°40	S 26
M27	10 38 13	11°30'06	19°55	24°10	0♓ 9	8°58	25°18	2°28	11°58	0°18	14° 4	25°17	26°46	13°42	17°42	M27
T 28	10 42 10	12♓29'36	2♒37	26♓ 2	1♓24	9♓45	25♏20	2♈35	11♌56	0♓21	14♋ 3	25♈10	26♈43	13♈49	17♉45	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s18	23s45	4s58	21s 7	2s 3	21s27	0s44	16s22	1s 4	17s51	0n57	2s21	2s20	17n44	0n45	12s42	0s59	26n40	3n53	10n32	10n53	2n54	15n35	1s33
T 2	15 59	19 51	4 41	20 42	2 4	21 14	0 46	16 7	1 4	17 53	0 57	2 18	2 20	17 45	0 45	12 41	0 59	26 41	3 53	10 27	10 52	2 57	15 35	1 33
F 3	15 41	15 9	4 10	20 15	2 5	21 0	0 48	15 52	1 4	17 54	0 57	2 15	2 20	17 46	0 45	12 41	0 59	26 41	3 53	10 23	10 51	3 1	15 35	1 33
S 4	15 22	9 55	3 29	19 47	2 5	20 46	0 50	15 36	1 3	17 56	0 57	2 13	2 20	17 46	0 45	12 40	0 59	26 41	3 53	10 19	10 50	3 4	15 35	1 33
S 5	15 4	4 24	2 38	19 18	2 5	20 31	0 52	15 21	1 3	17 57	0 57	2 10	2 20	17 47	0 45	12 39	0 59	26 41	3 53	10 16	10 49	3 8	15 36	1 33
M 6	14 44	1n13	1 42	18 46	2 5	20 15	0 54	15 5	1 3	17 58	0 58	2 7	2 19	17 48	0 45	12 38	0 59	26 41	3 53	10 15	10 48	3 11	15 36	1 33
T 7	14 25	6 45	0 41	18 13	2 3	19 59	0 56	14 50	1 3	18 0	0 58	2 4	2 19	17 49	0 45	12 37	0 59	26 41	3 53	10 14	10 46	3 14	15 36	1 33
W 8	14 5	12 4	0n22	17 38	2 2	19 42	0 58	14 34	1 3	18 1	0 58	2 2	2 19	17 49	0 45	12 37	0 59	26 41	3 53	10 14	10 45	3 18	15 36	1 33
T 9	13 46	16 59	1 25	17 2	2 0	19 24	1 0	14 18	1 2	18 2	0 58	1 59	2 19	17 50	0 45	12 36	0 59	26 42	3 53	10 14	10 44	3 21	15 37	1 33
F 10	13 26	21 19	2 24	16 24	1 57	19 6	1 1	14 1	1 2	18 3	0 58	1 56	2 19	17 51	0 45	12 35	0 59	26 42	3 53	10 14	10 43	3 24	15 37	1 33
S 11	13 5	24 49	3 18	15 44	1 54	18 48	1 3	13 45	1 2	18 4	0 58	1 53	2 19	17 51	0 45	12 34	0 59	26 42	3 53	10 14	10 42	3 28	15 37	1 33
S 12	12 45	27 13	4 4	15 3	1 51	18 29	1 5	13 29	1 2	18 5	0 58	1 50	2 19	17 52	0 45	12 34	0 59	26 42	3 53	10 13	10 41	3 31	15 38	1 33
M13	12 24	28 15	4 39	14 20	1 46	18 9	1 6	13 12	1 2	18 6	0 58	1 48	2 19	17 53	0 45	12 33	0 59	26 42	3 53	10 11	10 40	3 35	15 38	1 33
T 14	12 3	27 39	5 0	13 35	1 42	17 49	1 8	12 55	1 1	18 7	0 58	1 45	2 18	17 54	0 45	12 32	0 59	26 42	3 53	10 9	10 38	3 38	15 38	1 33
W15	11 42	25 21	5 5	12 49	1 36	17 29	1 9	12 39	1 1	18 8	0 58	1 42	2 18	17 54	0 45	12 31	0 59	26 42	3 53	10 6	10 37	3 41	15 39	1 33
T 16	11 21	21 24	4 51	12 2	1 30	17 8	1 11	12 22	1 1	18 9	0 59	1 39	2 18	17 55	0 45	12 30	0 59	26 42	3 53	10 2	10 36	3 45	15 39	1 33
F 17	11 0	16 3	4 17	11 13	1 24	16 46	1 12	12 5	1 1	18 10	0 59	1 36	2 18	17 56	0 45	12 30	0 59	26 42	3 53	9 59	10 35	3 48	15 39	1 33
S 18	10 38	9 42	3 26	10 22	1 17	16 24	1 13	11 48	1 0	18 11	0 59	1 33	2 18	17 56	0 44	12 29	0 59	26 42	3 53	9 56	10 34	3 52	15 40	1 33
S 19	10 16	2 45	2 20	9 31	1 9	16 1	1 15	11 30	1 0	18 11	0 59	1 30	2 18	17 57	0 44	12 28	0 59	26 42	3 53	9 54	10 33	3 55	15 40	1 33
M20	9 55	4s19	1 5	8 38	1 1	15 39	1 16	11 13	1 0	18 12	0 59	1 27	2 18	17 58	0 44	12 27	0 59	26 43	3 53	9 53	10 32	3 58	15 41	1 33
T 21	9 33	11 4	0s14	7 44	0 52	15 15	1 17	10 56	1 0	18 13	0 59	1 24	2 18	17 58	0 44	12 26	0 59	26 43	3 53	9 53	10 30	4 2	15 41	1 33
W22	9 11	17 7	1 31	6 49	0 43	14 51	1 18	10 38	0 59	18 13	0 59	1 21	2 18	17 59	0 44	12 26	0 59	26 43	3 53	9 54	10 29	4 5	15 42	1 33
T 23	8 48	22 7	2 40	5 54	0 33	14 27	1 19	10 20	0 59	18 14	0 59	1 19	2 18	18 0	0 44	12 25	0 59	26 43	3 53	9 54	10 28	4 9	15 42	1 33
F 24	8 26	25 45	3 38	4 58	0 22	14 3	1 20	10 3	0 59	18 14	0 59	1 16	2 17	18 0	0 44	12 24	0 59	26 43	3 53	9 54	10 27	4 12	15 43	1 34
S 25	8 3	27 51	4 23	4 2	0 12	13 38	1 21	9 45	0 58	18 15	0 59	1 13	2 17	18 1	0 44	12 23	0 59	26 43	3 53	9 54	10 26	4 15	15 43	1 34
S 26	7 41	28 18	4 53	3 5	0 0	13 13	1 22	9 27	0 58	18 15	0 59	1 10	2 17	18 1	0 44	12 22	0 59	26 43	3 53	9 53	10 25	4 19	15 44	1 34
M27	7 18	27 11	5 7	2 9	0n11	12 47	1 22	9 9	0 58	18 16	1 0	1 7	2 17	18 2	0 44	12 22	0 59	26 43	3 53	9 51	10 23	4 22	15 44	1 34
T 28	6s55	24s41	5s 6	1s14	0n24	12s21	1s23	8s51	0s57	18s16	1n 0	1s 4	2s17	18n 3	0n44	12s21	0s59	26n43	3n53	9n48	10n22	4n26	15n45	1s34

Julian Day Number = 1977494.5, Delta T = 01h00m29s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'43, Lahiri = 5°46'43 Julian Calendar 1 Feb. 702 == Greg. Calendar 5 Feb. 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

MARCH 702 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 46 6	13♓29'03	15♒ 7	27♓52	2♓38	10♓31	25♏21	2♈43	11°R54	0♓23	14°R 2	25°R 2	26♈40	13♈55	17♉47	W 1
T 2	10 50 3	14°28'28	27°27	29°38	3°53	11°18	25°23	2°50	11♌52	0°25	14♋ 2	24♈55	26°37	14° 2	17°49	T 2
F 3	10 53 59	15°27'51	9♓36	1♈21	5° 7	12° 4	25°24	2°57	11°50	0°27	14° 1	24°48	26°33	14° 9	17°51	F 3
S 4	10 57 56	16°27'12	21°37	3° 0	6°21	12°51	25°25	3° 5	11°48	0°30	14° 1	24°42	26°30	14°15	17°53	S 4
S 5	11 1 52	17°26'31	3♈31	4°35	7°36	13°37	25°26	3°12	11°46	0°32	14° 0	24°38	26°27	14°22	17°56	S 5
M 6	11 5 49	18°25'47	15°20	6° 6	8°50	14°23	25°27	3°20	11°44	0°34	14° 0	24°36	26°24	14°29	17°58	M 6
T 7	11 9 46	19°25'02	27° 6	7°31	10° 5	15°10	25°27	3°27	11°42	0°36	13°59	24°D35	26°21	14°35	18° 0	T 7
W 8	11 13 42	20°24'14	8♉53	8°51	11°19	15°56	25°27	3°35	11°40	0°38	13°59	24°36	26°17	14°42	18° 3	W 8
T 9	11 17 39	21°23'24	20°45	10° 6	12°33	16°42	25°R28	3°42	11°38	0°40	13°59	24°38	26°14	14°48	18° 5	T 9
F 10	11 21 35	22°22'31	2♊46	11°14	13°48	17°28	25°28	3°50	11°36	0°43	13°58	24°39	26°11	14°55	18° 8	F 10
S 11	11 25 32	23°21'37	15° 0	12°17	15° 2	18°15	25°27	3°58	11°34	0°45	13°58	24°41	26° 8	15° 2	18°11	S 11
S 12	11 29 28	24°20'40	27°33	13°13	16°16	19° 1	25°27	4° 5	11°33	0°47	13°57	24°R41	26° 5	15° 8	18°13	S 12
M13	11 33 25	25°19'40	10♋28	14° 2	17°30	19°47	25°26	4°13	11°31	0°49	13°57	24°40	26° 2	15°15	18°16	M13
T 14	11 37 21	26°18'38	23°50	14°45	18°45	20°33	25°25	4°20	11°29	0°51	13°57	24°38	25°58	15°22	18°19	T 14
W15	11 41 18	27°17'34	7♌40	15°22	19°59	21°19	25°24	4°28	11°28	0°53	13°57	24°34	25°55	15°28	18°21	W15
T 16	11 45 15	28°16'28	21°58	15°51	21°13	22° 5	25°23	4°36	11°26	0°55	13°56	24°31	25°52	15°35	18°24	T 16
F 17	11 49 11	29°15'19	6♍41	16°14	22°27	22°51	25°22	4°43	11°25	0°57	13°56	24°27	25°49	15°42	18°27	F 17
S 18	11 53 8	0♈14'08	21°41	16°30	23°42	23°37	25°20	4°51	11°23	0°59	13°56	24°24	25°46	15°48	18°30	S 18
S 19	11 57 4	1°12'55	6♎51	16°39	24°56	24°23	25°18	4°59	11°22	1° 1	13°56	24°22	25°42	15°55	18°33	S 19
M20	12 1 1	2°11'39	22° 2	16°R41	26°10	25° 8	25°17	5° 6	11°20	1° 3	13°56	24°D21	25°39	16° 2	18°36	M20
T 21	12 4 57	3°10'22	7♏ 3	16°38	27°24	25°54	25°14	5°14	11°19	1° 5	13°56	24°22	25°36	16° 8	18°39	T 21
W22	12 8 54	4° 9'03	21°47	16°28	28°38	26°40	25°12	5°22	11°18	1° 7	13°56	24°23	25°33	16°15	18°42	W22
T 23	12 12 50	5° 7'43	6♐ 9	16°12	29°53	27°25	25°10	5°29	11°17	1° 9	13°56	24°24	25°30	16°22	18°45	T 23
F 24	12 16 47	6° 6'20	20° 7	15°51	1♑ 7	28°11	25° 7	5°37	11°15	1°11	13°D56	24°25	25°27	16°28	18°48	F 24
S 25	12 20 43	7° 4'56	3♑41	15°25	2°21	28°57	25° 4	5°45	11°14	1°13	13°56	24°R26	25°23	16°35	18°51	S 25
S 26	12 24 40	8° 3'31	16°51	14°55	3°35	29°42	25° 1	5°52	11°13	1°15	13°56	24°26	25°20	16°41	18°55	S 26
M27	12 28 37	9° 2'03	29°41	14°21	4°49	0♈28	24°58	6° 0	11°12	1°17	13°56	24°25	25°17	16°48	18°58	M27
T 28	12 32 33	10° 0'34	12♒13	13°44	6° 3	1°13	24°55	6° 8	11°11	1°19	13°56	24°23	25°14	16°55	19° 1	T 28
W29	12 36 30	10°59'03	24°32	13° 5	7°17	1°59	24°51	6°15	11°10	1°21	13°56	24°21	25°11	17° 1	19° 4	W29
T 30	12 40 26	11°57'31	6♓38	12°25	8°31	2°44	24°47	6°23	11° 9	1°23	13°56	24°19	25° 8	17° 8	19° 8	T 30
F 31	12 44 23	12♈55'56	18♓37	11♈43	9♈46	3♈29	24♏43	6♈31	11♌ 8	1♓25	13♋56	24♈18	25♈ 4	17♈15	19♉11	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s32	21s 2	4s50	0s19	0n36	11s55	1s24	8s33	0s57	18s16	1n 0	1s 1	2s17	18n 3	0n44	12s20	0s59	26n43	3n53	9n46	10n21	4n29	15n45	1s34
T 2	6 9	16 31	4 21	0n35	0 48	11 28	1 24	8 15	0 57	18 17	1 0	0 58	2 17	18 4	0 44	12 19	0 59	26 43	3 53	9 43	10 20	4 32	15 46	1 34
F 3	5 46	11 25	3 40	1 28	1 1	11 1	1 25	7 57	0 56	18 17	1 0	0 55	2 17	18 4	0 44	12 18	0 59	26 43	3 53	9 40	10 19	4 36	15 46	1 34
S 4	5 23	5 57	2 50	2 19	1 13	10 34	1 25	7 39	0 56	18 17	1 0	0 51	2 17	18 5	0 44	12 18	0 59	26 43	3 53	9 38	10 18	4 39	15 47	1 34
S 5	5 0	0 19	1 52	3 9	1 26	10 6	1 26	7 21	0 56	18 17	1 0	0 48	2 17	18 5	0 44	12 17	0 59	26 43	3 53	9 36	10 17	4 42	15 48	1 34
M 6	4 36	5n18	0 50	3 56	1 38	9 38	1 26	7 2	0 55	18 17	1 0	0 45	2 17	18 6	0 44	12 16	0 59	26 43	3 53	9 36	10 15	4 46	15 48	1 34
T 7	4 13	10 44	0n14	4 41	1 50	9 10	1 26	6 44	0 55	18 17	1 0	0 42	2 17	18 7	0 44	12 15	0 59	26 43	3 53	9 35	10 14	4 49	15 49	1 34
W 8	3 50	15 47	1 17	5 23	2 1	8 42	1 26	6 25	0 55	18 17	1 0	0 39	2 17	18 7	0 44	12 15	0 59	26 43	3 53	9 36	10 13	4 53	15 50	1 34
T 9	3 26	20 17	2 18	6 3	2 12	8 14	1 27	6 7	0 54	18 17	1 0	0 36	2 17	18 8	0 44	12 14	0 59	26 43	3 52	9 36	10 12	4 56	15 50	1 34
F 10	3 3	24 2	3 14	6 40	2 23	7 45	1 27	5 48	0 54	18 17	1 1	0 33	2 17	18 8	0 44	12 13	0 59	26 43	3 52	9 37	10 11	4 59	15 51	1 34
S 11	2 39	26 46	4 2	7 14	2 33	7 16	1 27	5 30	0 53	18 17	1 1	0 30	2 17	18 8	0 44	12 12	0 59	26 43	3 52	9 38	10 10	5 3	15 52	1 34
S 12	2 16	28 15	4 40	7 44	2 42	6 47	1 27	5 11	0 53	18 17	1 1	0 27	2 17	18 9	0 44	12 12	0 59	26 43	3 52	9 38	10 8	5 6	15 52	1 34
M13	1 52	28 15	5 4	8 11	2 50	6 18	1 26	4 53	0 53	18 16	1 1	0 24	2 17	18 9	0 44	12 11	0 59	26 43	3 52	9 37	10 7	5 10	15 53	1 34
T 14	1 29	26 38	5 14	8 34	2 57	5 48	1 26	4 34	0 52	18 16	1 1	0 21	2 16	18 10	0 44	12 10	0 59	26 43	3 52	9 36	10 6	5 13	15 54	1 34
W15	1 5	23 24	5 6	8 54	3 3	5 19	1 26	4 16	0 52	18 16	1 1	0 18	2 16	18 10	0 44	12 9	0 59	26 43	3 52	9 35	10 5	5 16	15 55	1 34
T 16	0 41	18 40	4 39	9 10	3 8	4 49	1 26	3 57	0 51	18 15	1 1	0 15	2 16	18 11	0 44	12 9	0 59	26 43	3 52	9 34	10 4	5 20	15 55	1 34
F 17	0 18	12 43	3 53	9 23	3 12	4 19	1 25	3 38	0 51	18 15	1 1	0 12	2 16	18 11	0 44	12 8	0 59	26 43	3 52	9 33	10 3	5 23	15 56	1 34
S 18	0n 6	5 55	2 50	9 31	3 15	3 49	1 25	3 20	0 51	18 15	1 1	0 9	2 16	18 11	0 44	12 7	0 59	26 43	3 52	9 31	10 1	5 26	15 57	1 34
S 19	0 29	1s17	1 35	9 36	3 16	3 19	1 24	3 1	0 50	18 14	1 1	0 6	2 16	18 12	0 44	12 7	0 59	26 43	3 52	9 31	10 0	5 30	15 58	1 34
M20	0 53	8 26	0 13	9 37	3 16	2 49	1 24	2 42	0 50	18 14	1 1	0 3	2 16	18 12	0 44	12 6	0 59	26 43	3 52	9 30	9 59	5 33	15 58	1 34
T 21	1 16	15 3	1s 9	9 34	3 15	2 19	1 23	2 24	0 49	18 13	1 1	0n 1	2 16	18 12	0 44	12 5	0 59	26 43	3 52	9 31	9 58	5 37	15 59	1 34
W22	1 40	20 41	2 26	9 28	3 12	1 48	1 22	2 5	0 49	18 12	1 1	0 4	2 16	18 13	0 44	12 5	0 59	26 43	3 52	9 31	9 57	5 40	16 0	1 34
T 23	2 3	24 57	3 31	9 18	3 7	1 18	1 22	1 46	0 48	18 12	1 2	0 7	2 16	18 13	0 44	12 4	0 59	26 43	3 52	9 31	9 56	5 43	16 1	1 34
F 24	2 26	27 35	4 21	9 4	3 1	0 47	1 21	1 28	0 48	18 11	1 2	0 10	2 16	18 13	0 44	12 3	0 59	26 43	3 52	9 32	9 54	5 47	16 2	1 34
S 25	2 50	28 29	4 56	8 47	2 54	0 17	1 20	1 9	0 48	18 10	1 2	0 13	2 16	18 14	0 44	12 3	0 59	26 43	3 52	9 32	9 53	5 50	16 2	1 34
S 26	3 13	27 43	5 14	8 27	2 45	0n14	1 19	0 50	0 47	18 10	1 2	0 16	2 16	18 14	0 44	12 2	0 59	26 43	3 52	9 32	9 52	5 53	16 3	1 35
M27	3 36	25 29	5 15	8 4	2 35	0 44	1 18	0 32	0 47	18 9	1 2	0 19	2 16	18 14	0 44	12 1	1 0	26 43	3 52	9 32	9 51	5 57	16 4	1 35
T 28	3 59	22 4	5 1	7 39	2 23	1 15	1 17	0 13	0 46	18 8	1 2	0 22	2 16	18 14	0 44	12 1	1 0	26 43	3 52	9 31	9 50	6 0	16 5	1 35
W29	4 23	17 44	4 34	7 12	2 10	1 45	1 16	0n 6	0 46	18 7	1 2	0 25	2 16	18 15	0 44	12 0	1 0	26 43	3 52	9 30	9 49	6 3	16 6	1 35
T 30	4 46	12 46	3 54	6 43	1 56	2 16	1 15	0 24	0 45	18 6	1 2	0 28	2 17	18 15	0 44	11 59	1 0	26 43	3 52	9 30	9 47	6 7	16 7	1 35
F 31	5n 9	7s22	3s 5	6n13	1n42	2n46	1s14	0n43	0s45	18s 5	1n 2	0n31	2s17	18n15	0n44	11s59	1s 0	26n43	3n52	9n29	9n46	6n10	16n 7	1s35

Julian Day Number = 1977522.5, Delta T = 01h00m29s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'47, Lahiri = 5°46'47 Julian Calendar 1 March 702 == Greg. Calendar 5 March 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

APRIL 702 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 48 19	13♈54'20	0♈29	11°R 2	11♈ 0	4♈14	24°R39	6♈38	11°R 8	1♓26	13♋56	24°R16	25♈ 1	17♈21	19♉14	S 1
S 2	12 52 16	14°52'41	12°17	10♈21	12°14	5° 0	24♏35	6°46	11♌ 7	1°28	13°57	24♈16	24°58	17°28	19°18	S 2
M 3	12 56 12	15°51'01	24° 4	9°41	13°28	5°45	24°31	6°54	11° 6	1°30	13°57	24°D15	24°55	17°35	19°21	M 3
T 4	13 0 9	16°49'19	5♉52	9° 4	14°42	6°30	24°26	7° 1	11° 6	1°32	13°57	24°16	24°52	17°41	19°25	T 4
W 5	13 4 6	17°47'36	17°43	8°30	15°56	7°15	24°22	7° 9	11° 5	1°33	13°57	24°16	24°48	17°48	19°28	W 5
T 6	13 8 2	18°45'50	29°40	7°58	17°10	8° 0	24°17	7°16	11° 4	1°35	13°58	24°17	24°45	17°55	19°32	T 6
F 7	13 11 59	19°44'02	11♊45	7°30	18°24	8°45	24°12	7°24	11° 4	1°37	13°58	24°17	24°42	18° 1	19°35	F 7
S 8	13 15 55	20°42'13	24° 3	7° 7	19°38	9°30	24° 7	7°31	11° 4	1°38	13°58	24°18	24°39	18° 8	19°39	S 8
S 9	13 19 52	21°40'21	6♋37	6°47	20°52	10°15	24° 1	7°39	11° 3	1°40	13°59	24°18	24°36	18°14	19°43	S 9
M10	13 23 48	22°38'27	19°30	6°32	22° 6	10°59	23°56	7°47	11° 3	1°42	13°59	24°R18	24°33	18°21	19°46	M10
T 11	13 27 45	23°36'32	2♌46	6°22	23°20	11°44	23°50	7°54	11° 3	1°43	14° 0	24°18	24°29	18°28	19°50	T 11
W12	13 31 41	24°34'34	16°27	6°16	24°34	12°29	23°45	8° 2	11° 2	1°45	14° 0	24°D18	24°26	18°34	19°54	W12
T 13	13 35 38	25°32'34	0♍34	6°D15	25°48	13°14	23°39	8° 9	11° 2	1°46	14° 1	24°18	24°23	18°41	19°57	T 13
F 14	13 39 35	26°30'32	15° 5	6°19	27° 1	13°58	23°33	8°16	11° 2	1°48	14° 1	24°18	24°20	18°48	20° 1	F 14
S 15	13 43 31	27°28'29	29°56	6°28	28°15	14°43	23°27	8°24	11° 2	1°49	14° 2	24°18	24°17	18°54	20° 5	S 15
S 16	13 47 28	28°26'23	15♎ 2	6°41	29°29	15°27	23°21	8°31	11°D 2	1°51	14° 2	24°19	24°14	19° 1	20° 9	S 16
M17	13 51 24	29°24'16	0♏14	6°59	0♉43	16°12	23°14	8°39	11° 2	1°52	14° 3	24°R19	24°10	19° 8	20°12	M17
T 18	13 55 21	0♉22'07	15°22	7°21	1°57	16°56	23° 8	8°46	11° 2	1°54	14° 3	24°18	24° 7	19°14	20°16	T 18
W19	13 59 17	1°19'57	0♐17	7°47	3°11	17°40	23° 2	8°53	11° 2	1°55	14° 4	24°18	24° 4	19°21	20°20	W19
T 20	14 3 14	2°17'46	14°53	8°18	4°25	18°25	22°55	9° 1	11° 3	1°56	14° 5	24°17	24° 1	19°28	20°24	T 20
F 21	14 7 10	3°15'33	29° 3	8°53	5°38	19° 9	22°48	9° 8	11° 3	1°58	14° 5	24°16	23°58	19°34	20°28	F 21
S 22	14 11 7	4°13'19	12♑46	9°31	6°52	19°53	22°41	9°15	11° 3	1°59	14° 6	24°15	23°54	19°41	20°32	S 22
S 23	14 15 4	5°11'04	26° 2	10°14	8° 6	20°37	22°35	9°22	11° 4	2° 0	14° 7	24°15	23°51	19°48	20°35	S 23
M24	14 19 0	6° 8'48	8♒54	11° 0	9°20	21°21	22°28	9°29	11° 4	2° 1	14° 8	24°D14	23°48	19°54	20°39	M24
T 25	14 22 57	7° 6'30	21°24	11°50	10°34	22° 5	22°21	9°36	11° 4	2° 3	14° 8	24°15	23°45	20° 1	20°43	T 25
W26	14 26 53	8° 4'12	3♓38	12°43	11°48	22°49	22°13	9°44	11° 5	2° 4	14° 9	24°16	23°42	20° 7	20°47	W26
T 27	14 30 50	9° 1'52	15°39	13°39	13° 1	23°33	22° 6	9°51	11° 6	2° 5	14°10	24°17	23°39	20°14	20°51	T 27
F 28	14 34 46	9°59'31	27°31	14°39	14°15	24°17	21°59	9°58	11° 6	2° 6	14°11	24°18	23°35	20°21	20°55	F 28
S 29	14 38 43	10°57'08	9♈19	15°41	15°29	25° 1	21°52	10° 5	11° 7	2° 7	14°12	24°19	23°32	20°27	20°59	S 29
S 30	14 42 39	11♉54'45	21♈ 5	16♈47	16♉43	25♈44	21♏44	10♈12	11♌ 8	2♓ 8	14♋13	24°R20	23♈29	20♈34	21♉ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	5n31	1s46	2s 8	5n43	1n26	3n16	1s12	1n 1	0s44	18s 4	1n 2	0n34	2s17	18n15	0n44	11s58	1s 0	26n43	3n52	9n29	9n45	6n14	16n 8	1s35	S 1
S 2	5 54	3n53	1 6	5 12	1 10	3 47	1 11	1 20	0 44	18 3	1 2	0 37	2 17	18 16	0 44	11 57	1 0	26 43	3 52	9 28	9 44	6 17	16 9	1 35	S 2
M 3	6 17	9 23	0 1	4 41	0 53	4 17	1 10	1 38	0 43	18 2	1 2	0 40	2 17	18 16	0 43	11 57	1 0	26 43	3 52	9 28	9 43	6 20	16 10	1 35	M 3
T 4	6 39	14 35	1n 4	4 11	0 37	4 47	1 8	1 57	0 43	18 1	1 2	0 43	2 17	18 16	0 43	11 56	1 0	26 43	3 52	9 28	9 42	6 24	16 11	1 35	T 4
W 5	7 2	19 16	2 7	3 42	0 20	5 17	1 7	2 15	0 42	17 59	1 2	0 46	2 17	18 16	0 43	11 56	1 0	26 43	3 52	9 28	9 40	6 27	16 12	1 35	W 5
T 6	7 24	23 13	3 4	3 14	0 3	5 47	1 5	2 33	0 42	17 58	1 2	0 49	2 17	18 16	0 43	11 55	1 0	26 43	3 52	9 29	9 39	6 30	16 13	1 35	T 6
F 7	7 46	26 14	3 54	2 48	0s14	6 17	1 4	2 52	0 41	17 57	1 2	0 52	2 17	18 16	0 43	11 54	1 0	26 43	3 52	9 29	9 38	6 34	16 14	1 35	F 7
S 8	8 8	28 3	4 35	2 23	0 30	6 47	1 2	3 10	0 41	17 56	1 2	0 55	2 17	18 16	0 43	11 54	1 0	26 42	3 52	9 29	9 37	6 37	16 15	1 35	S 8
S 9	8 30	28 29	5 3	2 1	0 45	7 16	1 0	3 28	0 40	17 54	1 2	0 58	2 17	18 16	0 43	11 53	1 0	26 42	3 52	9 29	9 36	6 40	16 16	1 35	S 9
M10	8 52	27 24	5 17	1 41	1 1	7 46	0 59	3 46	0 40	17 53	1 2	1 1	2 17	18 16	0 43	11 53	1 0	26 42	3 52	9 29	9 35	6 44	16 16	1 35	M10
T 11	9 14	24 46	5 14	1 24	1 15	8 15	0 57	4 4	0 39	17 52	1 2	1 4	2 17	18 16	0 43	11 52	1 0	26 42	3 51	9 29	9 33	6 47	16 17	1 35	T 11
W12	9 35	20 41	4 54	1 9	1 29	8 44	0 55	4 22	0 39	17 50	1 2	1 6	2 17	18 16	0 43	11 52	1 0	26 42	3 51	9 29	9 32	6 51	16 18	1 36	W12
T 13	9 57	15 21	4 17	0 57	1 42	9 13	0 53	4 40	0 38	17 49	1 2	1 9	2 17	18 16	0 43	11 51	1 0	26 42	3 51	9 29	9 31	6 54	16 19	1 36	T 13
F 14	10 18	9 0	3 21	0 47	1 54	9 41	0 51	4 58	0 38	17 47	1 2	1 12	2 17	18 16	0 43	11 51	1 0	26 42	3 51	9 29	9 30	6 57	16 20	1 36	F 14
S 15	10 39	2 2	2 11	0 40	2 5	10 10	0 49	5 16	0 37	17 46	1 2	1 15	2 17	18 16	0 43	11 50	1 0	26 42	3 51	9 29	9 29	7 1	16 21	1 36	S 15
S 16	11 0	5s11	0 51	0 36	2 16	10 38	0 47	5 34	0 36	17 44	1 2	1 18	2 17	18 16	0 43	11 50	1 0	26 42	3 51	9 29	9 28	7 4	16 22	1 36	S 16
M17	11 20	12 9	0s33	0 34	2 25	11 6	0 45	5 52	0 36	17 43	1 2	1 21	2 18	18 16	0 43	11 49	1 0	26 42	3 51	9 29	9 26	7 7	16 23	1 36	M17
T 18	11 41	18 23	1 54	0 35	2 34	11 33	0 43	6 9	0 35	17 41	1 2	1 24	2 18	18 16	0 43	11 49	1 0	26 42	3 51	9 29	9 25	7 11	16 24	1 36	T 18
W19	12 1	23 24	3 7	0 38	2 42	12 1	0 41	6 27	0 35	17 39	1 2	1 26	2 18	18 16	0 43	11 48	1 0	26 42	3 51	9 29	9 24	7 14	16 25	1 36	W19
T 20	12 21	26 49	4 5	0 44	2 49	12 28	0 39	6 44	0 34	17 38	1 2	1 29	2 18	18 16	0 43	11 48	1 0	26 41	3 51	9 29	9 23	7 17	16 26	1 36	T 20
F 21	12 41	28 24	4 47	0 52	2 55	12 55	0 37	7 2	0 34	17 36	1 2	1 32	2 18	18 16	0 43	11 47	1 0	26 41	3 51	9 28	9 22	7 21	16 27	1 36	F 21
S 22	13 1	28 9	5 11	1 3	3 0	13 21	0 35	7 19	0 33	17 34	1 2	1 35	2 18	18 16	0 43	11 47	1 0	26 41	3 51	9 28	9 20	7 24	16 28	1 36	S 22
S 23	13 21	26 17	5 17	1 16	3 4	13 47	0 33	7 36	0 33	17 33	1 2	1 38	2 18	18 16	0 43	11 47	1 0	26 41	3 51	9 28	9 19	7 27	16 29	1 36	S 23
M24	13 40	23 5	5 7	1 30	3 8	14 13	0 31	7 53	0 32	17 31	1 2	1 40	2 18	18 16	0 43	11 46	1 0	26 41	3 51	9 28	9 18	7 31	16 30	1 36	M24
T 25	13 59	18 55	4 42	1 47	3 11	14 39	0 28	8 10	0 31	17 29	1 2	1 43	2 18	18 15	0 43	11 46	1 1	26 41	3 51	9 28	9 17	7 34	16 31	1 36	T 25
W26	14 18	14 3	4 5	2 6	3 13	15 4	0 26	8 27	0 31	17 27	1 2	1 46	2 18	18 15	0 43	11 45	1 1	26 41	3 51	9 28	9 16	7 37	16 32	1 37	W26
T 27	14 36	8 44	3 18	2 27	3 14	15 29	0 24	8 44	0 30	17 26	1 2	1 48	2 19	18 15	0 43	11 45	1 1	26 41	3 51	9 29	9 15	7 41	16 32	1 37	T 27
F 28	14 55	3 11	2 23	2 50	3 14	15 53	0 22	9 1	0 30	17 24	1 2	1 51	2 19	18 15	0 43	11 45	1 1	26 41	3 51	9 29	9 13	7 44	16 33	1 37	F 28
S 29	15 13	2n27	1 22	3 14	3 14	16 17	0 19	9 18	0 29	17 22	1 2	1 54	2 19	18 15	0 43	11 44	1 1	26 40	3 51	9 30	9 12	7 47	16 34	1 37	S 29
S 30	15n31	8n 0	0s18	3n40	3s13	16n41	0s17	9n34	0s29	17s20	1n 2	1n56	2s19	18n14	0n43	11s44	1s 1	26n40	3n51	9n30	9n11	7n51	16n35	1s37	S 30

Julian Day Number = 1977553.5, Delta T = 01h00m28s
Ecliptic obliquity = 23°36'34, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'51, Lahiri = 5°46'51 Julian Calendar 1 Apr. 702 == Greg. Calendar 5 Apr. 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

MAY 702 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 46 36	12♉52'21	2♉53	17♈56	17♉56	26♈28	21°R37	10♈19	11♌ 8	2♓ 9	14♋13	24°R20	23♈26	20♈41	21♉ 7	M 1
T 2	14 50 33	13°49'55	14°46	19° 7	19°10	27°12	21♏29	10°25	11° 9	2°10	14°14	24♈19	23°23	20°47	21°11	T 2
W 3	14 54 29	14°47'28	26°44	20°21	20°24	27°55	21°22	10°32	11°10	2°11	14°15	24°16	23°19	20°54	21°15	W 3
T 4	14 58 26	15°45'00	8♊51	21°38	21°38	28°39	21°14	10°39	11°11	2°12	14°16	24°14	23°16	21° 1	21°19	T 4
F 5	15 2 22	16°42'31	21° 8	22°58	22°51	29°22	21° 7	10°46	11°12	2°13	14°17	24°10	23°13	21° 7	21°23	F 5
S 6	15 6 19	17°40'01	3♋37	24°20	24° 5	0♉ 6	20°59	10°52	11°13	2°14	14°18	24° 6	23°10	21°14	21°27	S 6
S 7	15 10 15	18°37'29	16°19	25°45	25°19	0°49	20°51	10°59	11°14	2°15	14°19	24° 3	23° 7	21°21	21°31	S 7
M 8	15 14 12	19°34'56	29°17	27°13	26°32	1°32	20°44	11° 6	11°15	2°16	14°21	24° 1	23° 4	21°27	21°35	M 8
T 9	15 18 8	20°32'21	12♌33	28°43	27°46	2°16	20°36	11°12	11°17	2°16	14°22	24° 0	23° 0	21°34	21°39	T 9
W10	15 22 5	21°29'46	26° 8	0♉16	29° 0	2°59	20°28	11°19	11°18	2°17	14°23	23°D59	22°57	21°40	21°43	W10
T 11	15 26 2	22°27'08	10♍ 3	1°51	0♊13	3°42	20°21	11°25	11°19	2°18	14°24	24° 0	22°54	21°47	21°47	T 11
F 12	15 29 58	23°24'30	24°19	3°29	1°27	4°25	20°13	11°32	11°21	2°19	14°25	24° 2	22°51	21°54	21°51	F 12
S 13	15 33 55	24°21'50	8♎53	5° 9	2°41	5° 8	20° 6	11°38	11°22	2°19	14°26	24° 3	22°48	22° 0	21°55	S 13
S 14	15 37 51	25°19'10	23°42	6°52	3°54	5°51	19°58	11°44	11°23	2°20	14°27	24°R 3	22°45	22° 7	21°59	S 14
M15	15 41 48	26°16'28	8♏40	8°37	5° 8	6°34	19°50	11°50	11°25	2°21	14°28	24° 3	22°41	22°14	22° 3	M15
T 16	15 45 44	27°13'46	23°39	10°25	6°22	7°17	19°43	11°57	11°27	2°21	14°30	24° 1	22°38	22°20	22° 7	T 16
W17	15 49 41	28°11'02	8♐31	12°15	7°35	8° 0	19°35	12° 3	11°28	2°22	14°31	23°57	22°35	22°27	22°11	W17
T 18	15 53 37	29° 8'18	23° 7	14° 8	8°49	8°42	19°28	12° 9	11°30	2°22	14°32	23°52	22°32	22°34	22°15	T 18
F 19	15 57 34	0♊ 5'34	7♑22	16° 3	10° 2	9°25	19°20	12°15	11°32	2°23	14°33	23°47	22°29	22°40	22°19	F 19
S 20	16 1 31	1° 2'49	21°11	18° 0	11°16	10° 8	19°13	12°21	11°33	2°23	14°35	23°42	22°25	22°47	22°23	S 20
S 21	16 5 27	2° 0'03	4♒33	20° 0	12°30	10°50	19° 6	12°27	11°35	2°24	14°36	23°37	22°22	22°54	22°27	S 21
M22	16 9 24	2°57'17	17°28	22° 1	13°43	11°33	18°59	12°33	11°37	2°24	14°37	23°35	22°19	23° 0	22°31	M22
T 23	16 13 20	3°54'31	0♓ 1	24° 5	14°57	12°15	18°51	12°38	11°39	2°24	14°39	23°D33	22°16	23° 7	22°35	T 23
W24	16 17 17	4°51'44	12°15	26°10	16°10	12°58	18°44	12°44	11°41	2°25	14°40	23°33	22°13	23°14	22°39	W24
T 25	16 21 13	5°48'57	24°14	28°17	17°24	13°40	18°37	12°50	11°43	2°25	14°41	23°35	22°10	23°20	22°43	T 25
F 26	16 25 10	6°46'09	6♈ 5	0♊25	18°37	14°22	18°30	12°55	11°45	2°25	14°43	23°36	22° 6	23°27	22°47	F 26
S 27	16 29 6	7°43'22	17°52	2°35	19°51	15° 4	18°23	13° 1	11°47	2°25	14°44	23°R37	22° 3	23°33	22°51	S 27
S 28	16 33 3	8°40'34	29°39	4°45	21° 4	15°47	18°17	13° 6	11°49	2°25	14°46	23°37	22° 0	23°40	22°54	S 28
M29	16 37 0	9°37'46	11♉31	6°56	22°18	16°29	18°10	13°12	11°51	2°26	14°47	23°35	21°57	23°47	22°58	M29
T 30	16 40 56	10°34'58	23°30	9° 8	23°31	17°11	18° 3	13°17	11°53	2°26	14°48	23°32	21°54	23°53	23° 2	T 30
W31	16 44 53	11♊32'09	5♊40	11♊19	24♊45	17♉53	17♏57	13♈22	11♌55	2♓26	14♋50	23♈26	21♈51	24♈ 0	23♉ 6	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n49	13n18	0n47	4n 8	3s11	17n 4	0s15	9n51	0s28	17s18	1n 2	1n59	2s19	18n14	0n43	11s44	1s 1	26n40	3n51	9n30	9n10	7n54	16n36	1s37
T 2	16 6	18 8	1 50	4 37	3 9	17 27	0 12	10 7	0 27	17 16	1 2	2 1	2 19	18 14	0 42	11 43	1 1	26 40	3 51	9 29	9 9	7 57	16 37	1 37
W 3	16 23	22 19	2 49	5 8	3 6	17 49	0 10	10 24	0 27	17 14	1 1	2 4	2 19	18 14	0 42	11 43	1 1	26 40	3 51	9 29	9 7	8 1	16 38	1 37
T 4	16 40	25 35	3 41	5 40	3 3	18 11	0 8	10 40	0 26	17 13	1 1	2 7	2 19	18 13	0 42	11 43	1 1	26 40	3 51	9 28	9 6	8 4	16 39	1 37
F 5	16 57	27 42	4 24	6 14	2 58	18 32	0 5	10 56	0 26	17 11	1 1	2 9	2 20	18 13	0 42	11 42	1 1	26 40	3 51	9 26	9 5	8 7	16 40	1 37
S 6	17 13	28 28	4 55	6 49	2 53	18 53	0 3	11 12	0 25	17 9	1 1	2 12	2 20	18 13	0 42	11 42	1 1	26 40	3 51	9 25	9 4	8 11	16 41	1 38
S 7	17 29	27 45	5 11	7 25	2 48	19 13	0 0	11 28	0 24	17 7	1 1	2 14	2 20	18 12	0 42	11 42	1 1	26 39	3 51	9 24	9 3	8 14	16 42	1 38
M 8	17 45	25 32	5 13	8 2	2 42	19 33	0n 2	11 43	0 24	17 5	1 1	2 17	2 20	18 12	0 42	11 42	1 1	26 39	3 51	9 23	9 2	8 17	16 43	1 38
T 9	18 1	21 55	4 58	8 40	2 36	19 52	0 4	11 59	0 23	17 3	1 1	2 19	2 20	18 12	0 42	11 41	1 1	26 39	3 51	9 22	9 0	8 21	16 44	1 38
W10	18 16	17 4	4 26	9 20	2 29	20 11	0 7	12 14	0 23	17 1	1 1	2 21	2 20	18 11	0 42	11 41	1 1	26 39	3 51	9 22	8 59	8 24	16 45	1 38
T 11	18 31	11 13	3 38	10 0	2 21	20 29	0 9	12 30	0 22	16 59	1 1	2 24	2 20	18 11	0 42	11 41	1 1	26 39	3 51	9 23	8 58	8 27	16 46	1 38
F 12	18 45	4 39	2 36	10 41	2 13	20 47	0 12	12 45	0 21	16 57	1 1	2 26	2 21	18 10	0 42	11 41	1 1	26 39	3 51	9 23	8 57	8 31	16 47	1 38
S 13	19 0	2s17	1 22	11 23	2 4	21 4	0 14	13 0	0 21	16 55	1 0	2 29	2 21	18 10	0 42	11 40	1 1	26 39	3 51	9 24	8 56	8 34	16 48	1 38
S 14	19 14	9 14	0 2	12 5	1 56	21 21	0 16	13 15	0 20	16 53	1 0	2 31	2 21	18 10	0 42	11 40	1 1	26 39	3 51	9 24	8 54	8 37	16 49	1 38
M15	19 27	15 44	1s19	12 48	1 46	21 37	0 19	13 30	0 19	16 51	1 0	2 33	2 21	18 9	0 42	11 40	1 1	26 38	3 51	9 24	8 53	8 41	16 49	1 38
T 16	19 41	21 19	2 35	13 31	1 37	21 52	0 21	13 45	0 19	16 50	1 0	2 35	2 21	18 9	0 42	11 40	1 1	26 38	3 51	9 23	8 52	8 44	16 50	1 39
W17	19 54	25 29	3 39	14 15	1 27	22 7	0 23	13 59	0 18	16 48	1 0	2 38	2 21	18 8	0 42	11 40	1 1	26 38	3 51	9 21	8 51	8 47	16 51	1 39
T 18	20 6	27 53	4 28	14 59	1 16	22 21	0 26	14 14	0 18	16 46	1 0	2 40	2 22	18 8	0 42	11 40	1 2	26 38	3 51	9 20	8 50	8 50	16 52	1 39
F 19	20 19	28 22	4 59	15 43	1 6	22 35	0 28	14 28	0 17	16 44	1 0	2 42	2 22	18 7	0 42	11 39	1 2	26 38	3 51	9 18	8 48	8 54	16 53	1 39
S 20	20 31	27 3	5 11	16 26	0 55	22 48	0 30	14 42	0 16	16 42	0 59	2 44	2 22	18 7	0 42	11 39	1 2	26 38	3 51	9 16	8 47	8 57	16 54	1 39
S 21	20 43	24 12	5 6	17 10	0 44	23 0	0 33	14 56	0 16	16 40	0 59	2 46	2 22	18 6	0 42	11 39	1 2	26 38	3 51	9 14	8 46	9 0	16 55	1 39
M22	20 54	20 13	4 45	17 52	0 33	23 11	0 35	15 10	0 15	16 38	0 59	2 48	2 22	18 6	0 42	11 39	1 2	26 37	3 51	9 13	8 45	9 4	16 56	1 39
T 23	21 5	15 27	4 11	18 34	0 22	23 22	0 37	15 24	0 14	16 37	0 59	2 51	2 22	18 5	0 42	11 39	1 2	26 37	3 51	9 13	8 44	9 7	16 57	1 39
W24	21 15	10 11	3 26	19 15	0 11	23 32	0 40	15 37	0 14	16 35	0 59	2 53	2 23	18 4	0 42	11 39	1 2	26 37	3 51	9 13	8 43	9 10	16 58	1 40
T 25	21 26	4 38	2 33	19 55	0n 0	23 42	0 42	15 51	0 13	16 33	0 59	2 55	2 23	18 4	0 42	11 39	1 2	26 37	3 51	9 13	8 41	9 14	16 58	1 40
F 26	21 36	1n 0	1 34	20 34	0 11	23 51	0 44	16 4	0 13	16 31	0 58	2 57	2 23	18 3	0 42	11 39	1 2	26 37	3 51	9 14	8 40	9 17	16 59	1 40
S 27	21 45	6 35	0 31	21 10	0 21	23 59	0 46	16 17	0 12	16 29	0 58	2 59	2 23	18 3	0 42	11 39	1 2	26 37	3 51	9 14	8 39	9 20	17 0	1 40
S 28	21 54	11 56	0n33	21 45	0 32	24 7	0 48	16 30	0 11	16 28	0 58	3 1	2 23	18 2	0 42	11 39	1 2	26 36	3 51	9 14	8 38	9 23	17 1	1 40
M29	22 3	16 54	1 35	22 18	0 41	24 13	0 50	16 43	0 11	16 26	0 58	3 3	2 24	18 1	0 42	11 39	1 2	26 36	3 51	9 13	8 37	9 27	17 2	1 40
T 30	22 12	21 16	2 34	22 49	0 51	24 19	0 52	16 55	0 10	16 24	0 58	3 4	2 24	18 1	0 42	11 39	1 2	26 36	3 51	9 12	8 35	9 30	17 3	1 40
W31	22n20	24n48	3n27	23n17	1n 0	24n25	0n54	17n 8	0s 9	16s23	0n57	3n 6	2s24	18n 0	0n42	11s39	1s 2	26n36	3n51	9n10	8n34	9n33	17n 4	1s40

Julian Day Number = 1977583.5, Delta T = 01h00m27s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'55, Lahiri = 5°46'56 Julian Calendar 1 May 702 == Greg. Calendar 5 May 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

JUNE 702 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 48 49	12♊29'21	18♊ 1	13♊30	25♊59	18♉35	17°R50	13♈27	11♌58	2♓26	14♋51	23°R18	21♈47	24♈ 7	23♉10	T 1
F 2	16 52 46	13°26'31	0♋34	15°41	27°12	19°17	17♏44	13°33	12° 0	2°R26	14°53	23♈10	21°44	24°13	23°14	F 2
S 3	16 56 42	14°23'42	13°20	17°51	28°26	19°59	17°38	13°38	12° 2	2°26	14°54	23° 1	21°41	24°20	23°18	S 3
S 4	17 0 39	15°20'52	26°19	20° 0	29°39	20°40	17°32	13°43	12° 5	2°26	14°56	22°52	21°38	24°27	23°21	S 4
M 5	17 4 36	16°18'02	9♌30	22° 8	0♋53	21°22	17°26	13°47	12° 7	2°26	14°57	22°46	21°35	24°33	23°25	M 5
T 6	17 8 32	17°15'12	22°55	24°15	2° 6	22° 4	17°20	13°52	12°10	2°26	14°59	22°41	21°31	24°40	23°29	T 6
W 7	17 12 29	18°12'21	6♍33	26°20	3°20	22°46	17°14	13°57	12°12	2°26	15° 0	22°39	21°28	24°47	23°33	W 7
T 8	17 16 25	19° 9'29	20°24	28°23	4°33	23°27	17° 9	14° 2	12°15	2°25	15° 2	22°D38	21°25	24°53	23°37	T 8
F 9	17 20 22	20° 6'38	4♎29	0♋25	5°46	24° 9	17° 4	14° 6	12°17	2°25	15° 3	22°38	21°22	25° 0	23°40	F 9
S 10	17 24 18	21° 3'46	18°46	2°26	7° 0	24°50	16°58	14°11	12°20	2°25	15° 5	22°R39	21°19	25° 7	23°44	S 10
S 11	17 28 15	22° 0'53	3♏14	4°24	8°13	25°31	16°53	14°15	12°23	2°25	15° 7	22°39	21°16	25°13	23°48	S 11
M12	17 32 11	22°58'01	17°50	6°20	9°27	26°13	16°48	14°19	12°26	2°24	15° 8	22°36	21°12	25°20	23°51	M12
T 13	17 36 8	23°55'08	2♐29	8°15	10°40	26°54	16°43	14°24	12°28	2°24	15°10	22°32	21° 9	25°26	23°55	T 13
W14	17 40 5	24°52'16	17° 3	10° 7	11°54	27°35	16°39	14°28	12°31	2°24	15°11	22°25	21° 6	25°33	23°58	W14
T 15	17 44 1	25°49'23	1♑27	11°58	13° 7	28°16	16°34	14°32	12°34	2°23	15°13	22°16	21° 3	25°40	24° 2	T 15
F 16	17 47 58	26°46'31	15°34	13°46	14°20	28°58	16°30	14°36	12°37	2°23	15°15	22° 6	21° 0	25°46	24° 6	F 16
S 17	17 51 54	27°43'39	29°19	15°33	15°34	29°39	16°26	14°40	12°40	2°22	15°16	21°56	20°57	25°53	24° 9	S 17
S 18	17 55 51	28°40'48	12♒39	17°18	16°47	0♊20	16°22	14°44	12°43	2°22	15°18	21°47	20°53	26° 0	24°13	S 18
M19	17 59 47	29°37'57	25°35	19° 0	18° 1	1° 1	16°18	14°48	12°45	2°21	15°20	21°40	20°50	26° 6	24°16	M19
T 20	18 3 44	0♋35'06	8♓ 9	20°41	19°14	1°41	16°14	14°51	12°48	2°21	15°21	21°36	20°47	26°13	24°19	T 20
W21	18 7 40	1°32'16	20°24	22°20	20°27	2°22	16°11	14°55	12°51	2°20	15°23	21°34	20°44	26°20	24°23	W21
T 22	18 11 37	2°29'27	2♈24	23°56	21°41	3° 3	16° 7	14°58	12°54	2°20	15°24	21°D33	20°41	26°26	24°26	T 22
F 23	18 15 34	3°26'38	14°16	25°31	22°54	3°44	16° 4	15° 2	12°58	2°19	15°26	21°33	20°37	26°33	24°30	F 23
S 24	18 19 30	4°23'50	26° 3	27° 4	24° 7	4°24	16° 1	15° 5	13° 1	2°18	15°28	21°R34	20°34	26°40	24°33	S 24
S 25	18 23 27	5°21'03	7♉53	28°35	25°21	5° 5	15°58	15° 8	13° 4	2°18	15°29	21°32	20°31	26°46	24°36	S 25
M26	18 27 23	6°18'16	19°49	0♌ 3	26°34	5°46	15°55	15°11	13° 7	2°17	15°31	21°29	20°28	26°53	24°39	M26
T 27	18 31 20	7°15'31	1♊55	1°30	27°47	6°26	15°53	15°14	13°10	2°16	15°33	21°23	20°25	26°59	24°43	T 27
W28	18 35 16	8°12'46	14°15	2°55	29° 0	7° 7	15°51	15°17	13°13	2°15	15°35	21°15	20°22	27° 6	24°46	W28
T 29	18 39 13	9°10'01	26°51	4°17	0♌14	7°47	15°48	15°20	13°17	2°15	15°36	21° 5	20°18	27°13	24°49	T 29
F 30	18 43 10	10♋ 7'18	9♋42	5♌38	1♌27	8♊27	15♏46	15♈23	13♌20	2♓14	15♋38	20♈53	20♈15	27♈19	24♉52	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n27	27n14	4n11	23n42	1n 8	24n29	0n56	17n20	0s 9	16s21	0n57	3n 8	2s24	17n59	0n42	11s39	1s 2	26n36	3n51	9n 7	8n33	9n37	17n 4	1s41
F 2	22 34	28 20	4 43	24 5	1 16	24 33	0 58	17 33	0 8	16 20	0 57	3 10	2 25	17 59	0 42	11 39	1 2	26 36	3 51	9 4	8 32	9 40	17 5	1 41
S 3	22 41	27 57	5 2	24 26	1 23	24 36	1 0	17 45	0 7	16 18	0 57	3 12	2 25	17 58	0 41	11 39	1 2	26 36	3 51	9 0	8 31	9 43	17 6	1 41
S 4	22 48	26 2	5 6	24 43	1 29	24 39	1 2	17 56	0 7	16 17	0 57	3 13	2 25	17 57	0 41	11 39	1 2	26 35	3 51	8 57	8 29	9 46	17 7	1 41
M 5	22 54	22 42	4 54	24 57	1 35	24 40	1 4	18 8	0 6	16 15	0 56	3 15	2 25	17 57	0 41	11 39	1 2	26 35	3 51	8 55	8 28	9 50	17 8	1 41
T 6	23 0	18 8	4 25	25 9	1 40	24 41	1 6	18 20	0 5	16 14	0 56	3 17	2 25	17 56	0 41	11 39	1 2	26 35	3 51	8 53	8 27	9 53	17 8	1 41
W 7	23 5	12 36	3 41	25 18	1 44	24 42	1 8	18 31	0 5	16 12	0 56	3 18	2 26	17 55	0 41	11 39	1 2	26 35	3 51	8 52	8 26	9 56	17 9	1 41
T 8	23 10	6 20	2 44	25 24	1 48	24 41	1 9	18 42	0 4	16 11	0 56	3 20	2 26	17 54	0 41	11 39	1 2	26 35	3 51	8 52	8 25	10 0	17 10	1 42
F 9	23 14	0s20	1 36	25 27	1 51	24 40	1 11	18 53	0 3	16 10	0 56	3 22	2 26	17 54	0 41	11 39	1 2	26 35	3 51	8 52	8 23	10 3	17 11	1 42
S 10	23 18	7 5	0 21	25 28	1 53	24 38	1 13	19 4	0 3	16 8	0 55	3 23	2 26	17 53	0 41	11 40	1 3	26 34	3 51	8 52	8 22	10 6	17 12	1 42
S 11	23 22	13 34	0s56	25 27	1 54	24 35	1 14	19 15	0 2	16 7	0 55	3 25	2 27	17 52	0 41	11 40	1 3	26 34	3 51	8 52	8 21	10 9	17 12	1 42
M12	23 25	19 21	2 10	25 22	1 55	24 32	1 16	19 25	0 1	16 6	0 55	3 26	2 27	17 51	0 41	11 40	1 3	26 34	3 51	8 51	8 20	10 13	17 13	1 42
T 13	23 28	24 0	3 16	25 16	1 55	24 28	1 17	19 36	0 1	16 5	0 55	3 27	2 27	17 50	0 41	11 40	1 3	26 34	3 51	8 50	8 19	10 16	17 14	1 42
W14	23 31	27 5	4 8	25 8	1 55	24 23	1 19	19 46	0 0	16 4	0 54	3 29	2 27	17 50	0 41	11 40	1 3	26 34	3 51	8 47	8 17	10 19	17 15	1 43
T 15	23 33	28 20	4 44	24 57	1 53	24 17	1 20	19 56	0n 1	16 3	0 54	3 30	2 28	17 49	0 41	11 40	1 3	26 34	3 51	8 44	8 16	10 22	17 15	1 43
F 16	23 34	27 41	5 2	24 44	1 52	24 11	1 21	20 5	0 1	16 2	0 54	3 32	2 28	17 48	0 41	11 41	1 3	26 34	3 51	8 40	8 15	10 26	17 16	1 43
S 17	23 35	25 20	5 1	24 30	1 49	24 4	1 23	20 15	0 2	16 1	0 54	3 33	2 28	17 47	0 41	11 41	1 3	26 33	3 51	8 36	8 14	10 29	17 17	1 43
S 18	23 36	21 40	4 44	24 14	1 46	23 56	1 24	20 24	0 3	16 0	0 54	3 34	2 28	17 46	0 41	11 41	1 3	26 33	3 51	8 33	8 13	10 32	17 17	1 43
M19	23 37	17 2	4 12	23 56	1 42	23 47	1 25	20 34	0 3	15 59	0 53	3 35	2 29	17 45	0 41	11 41	1 3	26 33	3 51	8 30	8 11	10 35	17 18	1 43
T 20	23 36	11 48	3 30	23 37	1 38	23 38	1 26	20 43	0 4	15 58	0 53	3 36	2 29	17 45	0 41	11 41	1 3	26 33	3 51	8 29	8 10	10 39	17 19	1 44
W21	23 36	6 15	2 38	23 17	1 33	23 28	1 27	20 52	0 5	15 57	0 53	3 38	2 29	17 44	0 41	11 42	1 3	26 33	3 51	8 28	8 9	10 42	17 19	1 44
T 22	23 35	0 34	1 40	22 55	1 28	23 18	1 28	21 0	0 5	15 56	0 53	3 39	2 29	17 43	0 41	11 42	1 3	26 33	3 51	8 28	8 8	10 45	17 20	1 44
F 23	23 34	5n 4	0 39	22 32	1 22	23 7	1 29	21 9	0 6	15 56	0 52	3 40	2 30	17 42	0 41	11 42	1 3	26 32	3 52	8 28	8 7	10 48	17 21	1 44
S 24	23 32	10 30	0n24	22 8	1 16	22 55	1 30	21 17	0 7	15 55	0 52	3 41	2 30	17 41	0 41	11 43	1 3	26 32	3 52	8 28	8 5	10 52	17 21	1 44
S 25	23 30	15 35	1 26	21 44	1 10	22 42	1 30	21 25	0 7	15 54	0 52	3 42	2 30	17 40	0 41	11 43	1 3	26 32	3 52	8 27	8 4	10 55	17 22	1 44
M26	23 27	20 8	2 24	21 18	1 2	22 29	1 31	21 33	0 8	15 54	0 52	3 43	2 30	17 39	0 41	11 43	1 3	26 32	3 52	8 26	8 3	10 58	17 23	1 45
T 27	23 25	23 54	3 17	20 51	0 55	22 15	1 32	21 41	0 9	15 53	0 51	3 44	2 31	17 38	0 41	11 43	1 3	26 32	3 52	8 24	8 2	11 1	17 23	1 45
W28	23 21	26 40	4 1	20 24	0 47	22 0	1 32	21 48	0 10	15 53	0 51	3 45	2 31	17 37	0 41	11 44	1 3	26 32	3 52	8 21	8 1	11 5	17 24	1 45
T 29	23 17	28 9	4 35	19 57	0 39	21 45	1 33	21 56	0 10	15 53	0 51	3 45	2 31	17 36	0 41	11 44	1 3	26 32	3 52	8 17	7 59	11 8	17 24	1 45
F 30	23n13	28n 9	4n55	19n29	0n30	21n30	1n33	22n 3	0n11	15s52	0n51	3n46	2s31	17n35	0n41	11s44	1s 3	26n31	3n52	8n12	7n58	11n11	17n25	1s45

Julian Day Number = 1977614.5, Delta T = 01h00m26s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°39'59, Lahiri = 5°47'00 Julian Calendar 1 June 702 == Greg. Calendar 5 June 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

JULY 702 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 47 6	11♋ 4'35	22♋49	6♌56	2♌40	9♊ 8	15°R45	15♈25	13♌23	2°R13	15♋40	20°R40	20♈12	27♈26	24♉55	S 1
S 2	18 51 3	12° 1'53	6♌11	8°12	3°54	9°48	15♏43	15°28	13°26	2♓12	15°41	20♈29	20° 9	27°33	24°58	S 2
M 3	18 54 59	12°59'11	19°44	9°26	5° 7	10°28	15°42	15°30	13°30	2°11	15°43	20°19	20° 6	27°39	25° 1	M 3
T 4	18 58 56	13°56'30	3♍27	10°37	6°20	11° 8	15°40	15°33	13°33	2°10	15°45	20°12	20° 3	27°46	25° 4	T 4
W 5	19 2 52	14°53'49	17°17	11°46	7°33	11°48	15°39	15°35	13°37	2° 9	15°46	20° 7	19°59	27°53	25° 7	W 5
T 6	19 6 49	15°51'09	1♎15	12°53	8°47	12°28	15°38	15°37	13°40	2° 8	15°48	20° 6	19°56	27°59	25°10	T 6
F 7	19 10 45	16°48'30	15°18	13°57	10° 0	13° 8	15°38	15°39	13°43	2° 7	15°50	20° 5	19°53	28° 6	25°13	F 7
S 8	19 14 42	17°45'51	29°26	14°58	11°13	13°48	15°37	15°41	13°47	2° 6	15°52	20° 5	19°50	28°13	25°16	S 8
S 9	19 18 39	18°43'13	13♏38	15°57	12°26	14°28	15°37	15°43	13°50	2° 5	15°53	20° 4	19°47	28°19	25°19	S 9
M10	19 22 35	19°40'35	27°52	16°52	13°39	15° 8	15°D37	15°45	13°54	2° 4	15°55	20° 1	19°43	28°26	25°21	M10
T 11	19 26 32	20°37'58	12♐ 6	17°45	14°52	15°47	15°37	15°46	13°57	2° 3	15°57	19°55	19°40	28°33	25°24	T 11
W12	19 30 28	21°35'22	26°16	18°34	16° 5	16°27	15°37	15°48	14° 1	2° 2	15°58	19°46	19°37	28°39	25°27	W12
T 13	19 34 25	22°32'47	10♑17	19°20	17°18	17° 7	15°38	15°49	14° 4	2° 0	16° 0	19°36	19°34	28°46	25°29	T 13
F 14	19 38 21	23°30'13	24° 4	20° 2	18°32	17°46	15°38	15°51	14° 8	1°59	16° 2	19°24	19°31	28°53	25°32	F 14
S 15	19 42 18	24°27'40	7♒35	20°41	19°45	18°26	15°39	15°52	14°11	1°58	16° 3	19°12	19°28	28°59	25°34	S 15
S 16	19 46 14	25°25'09	20°45	21°16	20°58	19° 5	15°40	15°53	14°15	1°57	16° 5	19° 1	19°24	29° 6	25°37	S 16
M17	19 50 11	26°22'38	3♓35	21°46	22°11	19°44	15°41	15°54	14°19	1°56	16° 7	18°52	19°21	29°12	25°39	M17
T 18	19 54 8	27°20'09	16° 6	22°13	23°24	20°24	15°42	15°55	14°22	1°54	16° 8	18°46	19°18	29°19	25°42	T 18
W19	19 58 4	28°17'41	28°19	22°35	24°37	21° 3	15°44	15°56	14°26	1°53	16°10	18°43	19°15	29°26	25°44	W19
T 20	20 2 1	29°15'14	10♈19	22°52	25°50	21°42	15°46	15°56	14°30	1°52	16°12	18°41	19°12	29°32	25°46	T 20
F 21	20 5 57	0♌12'49	22°11	23° 4	27° 3	22°21	15°48	15°57	14°33	1°50	16°13	18°D41	19° 9	29°39	25°48	F 21
S 22	20 9 54	1°10'26	3♉59	23°12	28°15	23° 1	15°50	15°58	14°37	1°49	16°15	18°R41	19° 5	29°46	25°51	S 22
S 23	20 13 50	2° 8'04	15°50	23°R14	29°28	23°40	15°52	15°58	14°41	1°48	16°17	18°40	19° 2	29°52	25°53	S 23
M24	20 17 47	3° 5'44	27°48	23°10	0♍41	24°19	15°54	15°58	14°44	1°46	16°18	18°38	18°59	29°59	25°55	M24
T 25	20 21 43	4° 3'25	9♊59	23° 1	1°54	24°57	15°57	15°58	14°48	1°45	16°20	18°33	18°56	0♉ 6	25°57	T 25
W26	20 25 40	5° 1'09	22°26	22°46	3° 7	25°36	16° 0	15°R58	14°52	1°43	16°22	18°26	18°53	0°12	25°59	W26
T 27	20 29 37	5°58'53	5♋13	22°26	4°20	26°15	16° 3	15°58	14°55	1°42	16°23	18°16	18°49	0°19	26° 1	T 27
F 28	20 33 33	6°56'40	18°19	22° 0	5°33	26°54	16° 6	15°58	14°59	1°40	16°25	18° 5	18°46	0°26	26° 3	F 28
S 29	20 37 30	7°54'28	1♌46	21°28	6°45	27°33	16° 9	15°58	15° 3	1°39	16°26	17°54	18°43	0°32	26° 4	S 29
S 30	20 41 26	8°52'17	15°30	20°52	7°58	28°11	16°12	15°58	15° 7	1°38	16°28	17°43	18°40	0°39	26° 6	S 30
M31	20 45 23	9♌50'08	29♌28	20♌10	9♍11	28♊50	16♏16	15♈57	15♌10	1♓36	16♋30	17♈34	18♈37	0♉46	26♉ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 9	26n36	5n 0	19n 0	0n21	21n13	1n34	22n10	0n12	15s52	0n50	3n47	2s32	17n34	0n41	11s45	1s 3	26n31	3n52	8n 8	7n57	11n14	17n26	1s46
S 2	23 4	23 32	4 50	18 32	0 11	20 56	1 34	22 17	0 12	15 52	0 50	3 48	2 32	17 33	0 41	11 45	1 3	26 31	3 52	8 3	7 56	11 18	17 26	1 46
M 3	22 58	19 9	4 22	18 3	0 2	20 39	1 34	22 23	0 13	15 52	0 50	3 48	2 32	17 32	0 41	11 45	1 3	26 31	3 52	8 0	7 55	11 21	17 27	1 46
T 4	22 52	13 44	3 40	17 34	0s 9	20 21	1 34	22 30	0 14	15 51	0 50	3 49	2 32	17 31	0 41	11 46	1 4	26 31	3 52	7 57	7 53	11 24	17 27	1 46
W 5	22 46	7 34	2 44	17 5	0 19	20 2	1 34	22 36	0 14	15 51	0 49	3 50	2 33	17 30	0 41	11 46	1 4	26 31	3 52	7 55	7 52	11 27	17 28	1 46
T 6	22 40	1 0	1 38	16 36	0 30	19 43	1 34	22 42	0 15	15 51	0 49	3 50	2 33	17 29	0 41	11 47	1 4	26 31	3 52	7 54	7 51	11 30	17 28	1 46
F 7	22 33	5s41	0 25	16 7	0 40	19 23	1 34	22 48	0 16	15 51	0 49	3 51	2 33	17 28	0 41	11 47	1 4	26 30	3 52	7 54	7 50	11 34	17 29	1 47
S 8	22 25	12 7	0s49	15 38	0 52	19 2	1 34	22 53	0 16	15 51	0 49	3 51	2 34	17 27	0 41	11 47	1 4	26 30	3 52	7 54	7 49	11 37	17 29	1 47
S 9	22 17	17 58	2 1	15 10	1 3	18 42	1 34	22 59	0 17	15 52	0 48	3 52	2 34	17 26	0 41	11 48	1 4	26 30	3 52	7 54	7 47	11 40	17 30	1 47
M10	22 9	22 50	3 5	14 42	1 15	18 20	1 34	23 4	0 18	15 52	0 48	3 52	2 34	17 25	0 41	11 48	1 4	26 30	3 53	7 53	7 46	11 43	17 30	1 47
T 11	22 1	26 20	3 58	14 15	1 26	17 58	1 33	23 9	0 19	15 52	0 48	3 53	2 34	17 24	0 41	11 49	1 4	26 30	3 53	7 50	7 45	11 46	17 31	1 47
W12	21 52	28 9	4 36	13 49	1 38	17 36	1 33	23 14	0 19	15 52	0 48	3 53	2 35	17 23	0 41	11 49	1 4	26 30	3 53	7 47	7 44	11 50	17 31	1 48
T 13	21 43	28 8	4 57	13 23	1 50	17 13	1 32	23 19	0 20	15 53	0 47	3 53	2 35	17 22	0 41	11 50	1 4	26 30	3 53	7 43	7 42	11 53	17 31	1 48
F 14	21 33	26 21	4 59	12 58	2 2	16 50	1 32	23 23	0 21	15 53	0 47	3 53	2 35	17 21	0 41	11 50	1 4	26 29	3 53	7 39	7 41	11 56	17 32	1 48
S 15	21 23	23 6	4 45	12 35	2 14	16 26	1 31	23 27	0 21	15 54	0 47	3 54	2 36	17 20	0 41	11 51	1 4	26 29	3 53	7 34	7 40	11 59	17 32	1 48
S 16	21 12	18 43	4 16	12 12	2 26	16 2	1 30	23 31	0 22	15 54	0 47	3 54	2 36	17 19	0 41	11 51	1 4	26 29	3 53	7 30	7 39	12 2	17 33	1 48
M17	21 2	13 35	3 35	11 51	2 38	15 38	1 30	23 35	0 23	15 55	0 46	3 54	2 36	17 18	0 41	11 52	1 4	26 29	3 53	7 27	7 38	12 6	17 33	1 49
T 18	20 50	8 2	2 44	11 31	2 50	15 13	1 29	23 39	0 23	15 55	0 46	3 54	2 36	17 17	0 41	11 52	1 4	26 29	3 53	7 24	7 36	12 9	17 33	1 49
W19	20 39	2 17	1 46	11 13	3 2	14 47	1 28	23 42	0 24	15 56	0 46	3 54	2 37	17 16	0 41	11 53	1 4	26 29	3 53	7 23	7 35	12 12	17 34	1 49
T 20	20 27	3n26	0 44	10 56	3 14	14 21	1 27	23 46	0 25	15 57	0 46	3 54	2 37	17 15	0 41	11 53	1 4	26 29	3 53	7 22	7 34	12 15	17 34	1 49
F 21	20 15	8 59	0n19	10 42	3 25	13 55	1 26	23 49	0 26	15 58	0 45	3 54	2 37	17 14	0 41	11 54	1 4	26 29	3 53	7 22	7 33	12 18	17 34	1 49
S 22	20 2	14 12	1 20	10 29	3 36	13 29	1 24	23 52	0 26	15 58	0 45	3 54	2 38	17 13	0 41	11 54	1 4	26 29	3 54	7 22	7 32	12 22	17 35	1 50
S 23	19 49	18 54	2 19	10 19	3 46	13 2	1 23	23 54	0 27	15 59	0 45	3 54	2 38	17 12	0 41	11 55	1 4	26 28	3 54	7 22	7 30	12 25	17 35	1 50
M24	19 36	22 55	3 12	10 11	3 56	12 35	1 22	23 57	0 28	16 0	0 45	3 54	2 38	17 11	0 41	11 55	1 4	26 28	3 54	7 21	7 29	12 28	17 35	1 50
T 25	19 23	26 1	3 57	10 5	4 5	12 7	1 20	23 59	0 28	16 1	0 44	3 54	2 38	17 9	0 41	11 56	1 4	26 28	3 54	7 19	7 28	12 31	17 36	1 50
W26	19 9	27 55	4 32	10 2	4 13	11 40	1 19	24 1	0 29	16 2	0 44	3 53	2 39	17 8	0 41	11 56	1 4	26 28	3 54	7 16	7 27	12 34	17 36	1 51
T 27	18 55	28 24	4 54	10 2	4 20	11 11	1 17	24 3	0 30	16 3	0 44	3 53	2 39	17 7	0 41	11 57	1 4	26 28	3 54	7 13	7 26	12 37	17 36	1 51
F 28	18 40	27 20	5 2	10 4	4 27	10 43	1 16	24 5	0 31	16 4	0 44	3 53	2 39	17 6	0 41	11 57	1 4	26 28	3 54	7 9	7 24	12 41	17 36	1 51
S 29	18 25	24 40	4 53	10 10	4 31	10 14	1 14	24 7	0 31	16 6	0 44	3 52	2 40	17 5	0 41	11 58	1 4	26 28	3 54	7 4	7 23	12 44	17 37	1 51
S 30	18 10	20 33	4 28	10 18	4 35	9 45	1 12	24 8	0 32	16 7	0 43	3 52	2 40	17 4	0 41	11 58	1 4	26 28	3 54	7 0	7 22	12 47	17 37	1 51
M31	17n55	15n15	3n46	10n29	4s36	9n16	1n11	24n 9	0n33	16s 8	0n43	3n52	2s40	17n 3	0n41	11s59	1s 4	26n28	3n54	6n57	7n21	12n50	17n37	1s52

Julian Day Number = 1977644.5, Delta T = 01h00m26s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'03, Lahiri = 5°47'04 Julian Calendar 1 July 702 == Greg. Calendar 5 July 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

AUGUST 702 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 49 19	10♌48'00	13♍36	19°R25	10♍24	29♊28	16♏20	15°R57	15♌14	1°R35	16♋31	17°R28	18♈34	0♉52	26♉10	T 1
W 2	20 53 16	11°45'54	27°49	18♌35	11°36	0♋ 7	16°24	15♈56	15°18	1♓33	16°33	17♈24	18°30	0°59	26°11	W 2
T 3	20 57 12	12°43'49	12♎ 3	17°43	12°49	0°45	16°28	15°55	15°21	1°31	16°34	17°D22	18°27	1° 5	26°13	T 3
F 4	21 1 9	13°41'45	26°16	16°49	14° 2	1°23	16°32	15°54	15°25	1°30	16°36	17°22	18°24	1°12	26°14	F 4
S 5	21 5 6	14°39'43	10♏26	15°53	15°14	2° 2	16°37	15°53	15°29	1°28	16°37	17°R23	18°21	1°19	26°16	S 5
S 6	21 9 2	15°37'42	24°32	14°58	16°27	2°40	16°42	15°52	15°33	1°27	16°39	17°23	18°18	1°25	26°17	S 6
M 7	21 12 59	16°35'42	8♐32	14° 5	17°40	3°18	16°46	15°51	15°36	1°25	16°41	17°21	18°15	1°32	26°19	M 7
T 8	21 16 55	17°33'44	22°25	13°13	18°52	3°56	16°51	15°50	15°40	1°24	16°42	17°16	18°11	1°39	26°20	T 8
W 9	21 20 52	18°31'48	6♑10	12°26	20° 5	4°34	16°56	15°48	15°44	1°22	16°44	17°10	18° 8	1°45	26°21	W 9
T 10	21 24 48	19°29'53	19°46	11°43	21°17	5°12	17° 2	15°47	15°48	1°20	16°45	17° 1	18° 5	1°52	26°22	T 10
F 11	21 28 45	20°27'59	3♒ 9	11° 6	22°30	5°50	17° 7	15°45	15°52	1°19	16°46	16°52	18° 2	1°59	26°23	F 11
S 12	21 32 41	21°26'07	16°18	10°36	23°42	6°28	17°13	15°43	15°55	1°17	16°48	16°42	17°59	2° 5	26°24	S 12
S 13	21 36 38	22°24'17	29°11	10°13	24°54	7° 6	17°19	15°42	15°59	1°16	16°49	16°33	17°55	2°12	26°25	S 13
M14	21 40 35	23°22'29	11♓48	9°58	26° 7	7°43	17°24	15°40	16° 3	1°14	16°51	16°26	17°52	2°19	26°26	M14
T 15	21 44 31	24°20'42	24°10	9°D52	27°19	8°21	17°31	15°38	16° 6	1°12	16°52	16°22	17°49	2°25	26°27	T 15
W16	21 48 28	25°18'58	6♈18	9°55	28°31	8°59	17°37	15°36	16°10	1°11	16°54	16°19	17°46	2°32	26°28	W16
T 17	21 52 24	26°17'16	18°15	10° 6	29°44	9°36	17°43	15°33	16°14	1° 9	16°55	16°D19	17°43	2°39	26°29	T 17
F 18	21 56 21	27°15'35	0♉ 6	10°26	0♎56	10°14	17°50	15°31	16°18	1° 7	16°56	16°19	17°40	2°45	26°30	F 18
S 19	22 0 17	28°13'57	11°54	10°56	2° 8	10°51	17°56	15°29	16°21	1° 6	16°58	16°21	17°36	2°52	26°30	S 19
S 20	22 4 14	29°12'21	23°44	11°34	3°20	11°28	18° 3	15°26	16°25	1° 4	16°59	16°R22	17°33	2°59	26°31	S 20
M21	22 8 10	0♍10'47	5♊43	12°20	4°33	12° 6	18°10	15°24	16°29	1° 2	17° 0	16°22	17°30	3° 5	26°31	M21
T 22	22 12 7	1° 9'16	17°54	13°14	5°45	12°43	18°17	15°21	16°32	1° 1	17° 2	16°20	17°27	3°12	26°32	T 22
W23	22 16 4	2° 7'47	0♋23	14°16	6°57	13°20	18°24	15°18	16°36	0°59	17° 3	16°17	17°24	3°18	26°32	W23
T 24	22 20 0	3° 6'20	13°13	15°24	8° 9	13°57	18°32	15°15	16°40	0°57	17° 4	16°12	17°21	3°25	26°32	T 24
F 25	22 23 57	4° 4'55	26°26	16°39	9°21	14°34	18°39	15°12	16°43	0°56	17° 5	16° 5	17°17	3°32	26°33	F 25
S 26	22 27 53	5° 3'32	10♌ 4	18° 0	10°33	15°11	18°47	15° 9	16°47	0°54	17° 7	15°59	17°14	3°38	26°33	S 26
S 27	22 31 50	6° 2'12	24° 5	19°26	11°45	15°48	18°55	15° 6	16°50	0°52	17° 8	15°52	17°11	3°45	26°33	S 27
M28	22 35 46	7° 0'53	8♍24	20°56	12°57	16°25	19° 3	15° 3	16°54	0°51	17° 9	15°47	17° 8	3°52	26°33	M28
T 29	22 39 43	7°59'36	22°56	22°30	14° 9	17° 2	19°11	15° 0	16°58	0°49	17°10	15°43	17° 5	3°58	26°R33	T 29
W30	22 43 39	8°58'22	7♎35	24° 8	15°20	17°38	19°19	14°56	17° 1	0°48	17°11	15°41	17° 1	4° 5	26°33	W30
T 31	22 47 36	9♍57'09	22♎14	25♌49	16♎32	18♋15	19♏27	14♈53	17♌ 5	0♓46	17♋13	15°D41	16♈58	4♉12	26♉33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17n39	9n 6	2n50	10n43	4s37	8n47	1n 9	24n10	0n34	16s 9	0n43	3n51	2s40	17n 2	0n41	11s59	1s 4	26n28	3n55	6n54	7n19	12n53	17n37	1s52	
W 2	17 23	2 26	1 42	11 0	4 35	8 17	1 7	24 11	0 34	16 11	0 43	3 51	2 41	17 1	0 41	12 0	1 4	26 27	3 55	6 53	7 18	12 56	17 37	1 52	
T 3	17 7	4s22	0 28	11 19	4 31	7 47	1 5	24 11	0 35	16 12	0 42	3 50	2 41	17 0	0 41	12 1	1 4	26 27	3 55	6 52	7 17	13 0	17 37	1 52	
F 4	16 50	10 57	0s47	11 41	4 26	7 17	1 3	24 12	0 36	16 14	0 42	3 49	2 41	16 58	0 41	12 1	1 4	26 27	3 55	6 52	7 16	13 3	17 38	1 53	
S 5	16 33	16 57	2 0	12 4	4 18	6 47	1 0	24 12	0 36	16 15	0 42	3 49	2 41	16 57	0 41	12 2	1 4	26 27	3 55	6 52	7 15	13 6	17 38	1 53	
S 6	16 16	22 1	3 5	12 29	4 9	6 17	0 58	24 12	0 37	16 17	0 42	3 48	2 42	16 56	0 41	12 2	1 4	26 27	3 55	6 52	7 13	13 9	17 38	1 53	
M 7	15 58	25 48	3 58	12 55	3 58	5 46	0 56	24 12	0 38	16 18	0 41	3 47	2 42	16 55	0 41	12 3	1 5	26 27	3 55	6 51	7 12	13 12	17 38	1 53	
T 8	15 41	28 0	4 37	13 22	3 45	5 15	0 54	24 12	0 39	16 20	0 41	3 47	2 42	16 54	0 41	12 4	1 5	26 27	3 55	6 50	7 11	13 15	17 38	1 53	
W 9	15 23	28 27	4 59	13 49	3 31	4 44	0 51	24 11	0 39	16 22	0 41	3 46	2 42	16 53	0 41	12 4	1 5	26 27	3 56	6 47	7 10	13 18	17 38	1 54	
T 10	15 5	27 10	5 4	14 16	3 15	4 13	0 49	24 10	0 40	16 23	0 41	3 45	2 43	16 52	0 41	12 5	1 5	26 27	3 56	6 44	7 8	13 22	17 38	1 54	
F 11	14 46	24 20	4 53	14 42	2 58	3 42	0 46	24 10	0 41	16 25	0 41	3 44	2 43	16 51	0 41	12 5	1 5	26 27	3 56	6 40	7 7	13 25	17 38	1 54	
S 12	14 27	20 17	4 26	15 8	2 41	3 11	0 44	24 9	0 42	16 27	0 40	3 43	2 43	16 49	0 41	12 6	1 5	26 27	3 56	6 37	7 6	13 28	17 38	1 54	
S 13	14 9	15 21	3 45	15 31	2 22	2 40	0 41	24 7	0 42	16 29	0 40	3 42	2 44	16 48	0 41	12 7	1 5	26 27	3 56	6 33	7 5	13 31	17 38	1 55	
M14	13 49	9 52	2 55	15 53	2 4	2 8	0 38	24 6	0 43	16 31	0 40	3 41	2 44	16 47	0 41	12 7	1 5	26 27	3 56	6 31	7 4	13 34	17 38	1 55	
T 15	13 30	4 7	1 56	16 13	1 45	1 37	0 36	24 4	0 44	16 33	0 40	3 40	2 44	16 46	0 41	12 8	1 5	26 27	3 56	6 29	7 2	13 37	17 38	1 55	
W16	13 10	1n42	0 54	16 31	1 26	1 6	0 33	24 3	0 45	16 35	0 39	3 39	2 44	16 45	0 41	12 8	1 5	26 26	3 56	6 28	7 1	13 40	17 38	1 55	
T 17	12 51	7 22	0n11	16 45	1 7	0 34	0 30	24 1	0 45	16 37	0 39	3 38	2 45	16 44	0 41	12 9	1 5	26 26	3 57	6 27	7 0	13 43	17 38	1 56	
F 18	12 31	12 44	1 14	16 57	0 49	0 2	0 27	23 59	0 46	16 39	0 39	3 37	2 45	16 43	0 41	12 10	1 5	26 26	3 57	6 28	6 59	13 46	17 38	1 56	
S 19	12 10	17 38	2 14	17 6	0 32	0s29	0 24	23 56	0 47	16 41	0 39	3 36	2 45	16 42	0 41	12 10	1 5	26 26	3 57	6 28	6 57	13 50	17 38	1 56	
S 20	11 50	21 53	3 8	17 12	0 15	1 1	0 21	23 54	0 48	16 43	0 39	3 35	2 45	16 41	0 41	12 11	1 5	26 26	3 57	6 29	6 56	13 53	17 38	1 56	
M21	11 29	25 16	3 55	17 14	0n 1	1 32	0 18	23 51	0 48	16 45	0 38	3 34	2 45	16 39	0 41	12 11	1 5	26 26	3 57	6 29	6 55	13 56	17 38	1 56	
T 22	11 8	27 35	4 33	17 13	0 16	2 4	0 15	23 49	0 49	16 47	0 38	3 32	2 46	16 38	0 41	12 12	1 5	26 26	3 57	6 28	6 54	13 59	17 38	1 57	
W23	10 47	28 34	4 58	17 8	0 30	2 36	0 12	23 46	0 50	16 49	0 38	3 31	2 46	16 37	0 41	12 13	1 5	26 26	3 57	6 27	6 53	14 2	17 37	1 57	
T 24	10 26	28 4	5 9	17 0	0 42	3 7	0 9	23 43	0 51	16 52	0 38	3 30	2 46	16 36	0 41	12 13	1 5	26 26	3 58	6 25	6 51	14 5	17 37	1 57	
F 25	10 5	26 0	5 5	16 49	0 54	3 39	0 6	23 39	0 51	16 54	0 38	3 29	2 46	16 35	0 41	12 14	1 5	26 26	3 58	6 22	6 50	14 8	17 37	1 57	
S 26	9 43	22 23	4 43	16 34	1 5	4 10	0 2	23 36	0 52	16 56	0 37	3 27	2 47	16 34	0 41	12 14	1 5	26 26	3 58	6 20	6 49	14 11	17 37	1 58	
S 27	9 22	17 25	4 4	16 16	1 14	4 41	0s 1	23 33	0 53	16 58	0 37	3 26	2 47	16 33	0 41	12 15	1 5	26 26	3 58	6 17	6 48	14 14	17 37	1 58	
M28	9 0	11 24	3 9	15 55	1 22	5 13	0 4	23 29	0 54	17 1	0 37	3 24	2 47	16 32	0 41	12 16	1 5	26 26	3 58	6 15	6 46	14 17	17 36	1 58	
T 29	8 38	4 40	2 1	15 31	1 30	5 44	0 7	23 25	0 54	17 3	0 37	3 23	2 47	16 31	0 41	12 16	1 5	26 26	3 58	6 14	6 45	14 20	17 36	1 58	
W30	8 16	2s21	0 44	15 4	1 36	6 15	0 11	23 21	0 55	17 6	0 37	3 21	2 47	16 30	0 41	12 17	1 5	26 26	3 58	6 13	6 44	14 24	17 36	1 59	
T 31	7n53	9s16	0s36	14n35	1n41	6s46	0s14	23n17	0n56	17s 8	0n36	3n20	2s48	16n29	0n41	12s17	1s 5	26n26	3n59	6n13	6n43	14n27	17n36	1s59	

Julian Day Number = 1977675.5, Delta T = 01h00m25s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'08, Lahiri = 5°47'08 Julian Calendar 1 Aug. 702 == Greg. Calendar 5 Aug. 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

SEPTEMBER 702 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 51 33	10♍55'58	6♏47	27♌32	17♎44	18♋51	19♏36	14°R49	17♌ 8	0°R44	17♋14	15♈42	16♈55	4♉18	26°R33	F 1
S 2	22 55 29	11°54'49	21°11	29°16	18°56	19°28	19°44	14♈46	17°12	0♓43	17°15	15°44	16°52	4°25	26♉33	S 2
S 3	22 59 26	12°53'42	5♐22	1♍ 3	20° 7	20° 4	19°53	14°42	17°15	0°41	17°16	15°45	16°49	4°32	26°33	S 3
M 4	23 3 22	13°52'36	19°19	2°50	21°19	20°40	20° 2	14°38	17°19	0°39	17°17	15°R45	16°46	4°38	26°32	M 4
T 5	23 7 19	14°51'33	3♑ 1	4°38	22°31	21°17	20°11	14°35	17°22	0°38	17°18	15°44	16°42	4°45	26°32	T 5
W 6	23 11 15	15°50'31	16°29	6°27	23°42	21°53	20°20	14°31	17°26	0°36	17°19	15°41	16°39	4°52	26°31	W 6
T 7	23 15 12	16°49'31	29°43	8°16	24°54	22°29	20°29	14°27	17°29	0°35	17°20	15°37	16°36	4°58	26°31	T 7
F 8	23 19 8	17°48'33	12♒43	10° 4	26° 5	23° 5	20°38	14°23	17°32	0°33	17°21	15°33	16°33	5° 5	26°30	F 8
S 9	23 23 5	18°47'36	25°29	11°53	27°16	23°41	20°47	14°19	17°36	0°32	17°22	15°28	16°30	5°12	26°30	S 9
S 10	23 27 2	19°46'42	8♓ 3	13°42	28°28	24°17	20°57	14°15	17°39	0°30	17°23	15°24	16°27	5°18	26°29	S 10
M11	23 30 58	20°45'50	20°24	15°30	29°39	24°53	21° 6	14°10	17°42	0°28	17°24	15°21	16°23	5°25	26°28	M11
T 12	23 34 55	21°44'59	2♈34	17°17	0♏50	25°28	21°16	14° 6	17°46	0°27	17°25	15°19	16°20	5°31	26°27	T 12
W13	23 38 51	22°44'11	14°35	19° 5	2° 1	26° 4	21°26	14° 2	17°49	0°25	17°25	15°D19	16°17	5°38	26°27	W13
T 14	23 42 48	23°43'26	26°28	20°51	3°12	26°39	21°36	13°58	17°52	0°24	17°26	15°19	16°14	5°45	26°26	T 14
F 15	23 46 44	24°42'42	8♉17	22°37	4°24	27°15	21°46	13°53	17°55	0°22	17°27	15°20	16°11	5°51	26°25	F 15
S 16	23 50 41	25°42'01	20° 4	24°22	5°35	27°50	21°56	13°49	17°58	0°21	17°28	15°22	16° 7	5°58	26°24	S 16
S 17	23 54 37	26°41'22	1♊54	26° 7	6°45	28°26	22° 6	13°44	18° 2	0°20	17°29	15°23	16° 4	6° 5	26°23	S 17
M18	23 58 34	27°40'45	13°52	27°50	7°56	29° 1	22°17	13°40	18° 5	0°18	17°29	15°25	16° 1	6°11	26°21	M18
T 19	0 2 30	28°40'11	26° 1	29°33	9° 7	29°36	22°27	13°35	18° 8	0°17	17°30	15°R25	15°58	6°18	26°20	T 19
W20	0 6 27	29°39'40	8♋27	1♎16	10°18	0♌11	22°38	13°31	18°11	0°15	17°31	15°25	15°55	6°25	26°19	W20
T 21	0 10 24	0♎39'10	21°14	2°57	11°29	0°46	22°48	13°26	18°14	0°14	17°32	15°24	15°52	6°31	26°18	T 21
F 22	0 14 20	1°38'43	4♌25	4°38	12°39	1°21	22°59	13°21	18°17	0°13	17°32	15°23	15°48	6°38	26°16	F 22
S 23	0 18 17	2°38'19	18° 2	6°18	13°50	1°56	23°10	13°17	18°20	0°11	17°33	15°21	15°45	6°45	26°15	S 23
S 24	0 22 13	3°37'56	2♍ 6	7°58	15° 0	2°30	23°21	13°12	18°23	0°10	17°33	15°19	15°42	6°51	26°13	S 24
M25	0 26 10	4°37'36	16°34	9°37	16°11	3° 5	23°32	13° 7	18°26	0° 9	17°34	15°18	15°39	6°58	26°12	M25
T 26	0 30 6	5°37'18	1♎21	11°15	17°21	3°39	23°43	13° 2	18°28	0° 7	17°35	15°17	15°36	7° 5	26°10	T 26
W27	0 34 3	6°37'02	16°20	12°53	18°32	4°14	23°54	12°58	18°31	0° 6	17°35	15°D17	15°32	7°11	26° 8	W27
T 28	0 37 59	7°36'48	1♏23	14°29	19°42	4°48	24° 5	12°53	18°34	0° 5	17°36	15°17	15°29	7°18	26° 7	T 28
F 29	0 41 56	8°36'36	16°20	16° 6	20°52	5°22	24°16	12°48	18°37	0° 4	17°36	15°18	15°26	7°25	26° 5	F 29
S 30	0 45 53	9♎36'26	1♐ 5	17♎42	22♏ 2	5♌57	24♏28	12♈43	18♌40	0♓ 2	17♋36	15♈18	15♈23	7♉31	26♉ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n31	15s39	1s53	14n 3	1n45	7s17	0s18	23n13	0n57	17s11	0n36	3n18	2s48	16n28	0n41	12s18	1s 5	26n26	3n59	6n13	6n42	14n30	17n36	1s59
S 2	7 9	21 6	3 2	13 29	1 48	7 47	0 21	23 8	0 58	17 13	0 36	3 17	2 48	16 27	0 41	12 18	1 5	26 26	3 59	6 14	6 40	14 33	17 35	1 59
S 3	6 46	25 16	3 59	12 54	1 50	8 18	0 25	23 4	0 58	17 16	0 36	3 15	2 48	16 25	0 41	12 19	1 5	26 26	3 59	6 14	6 39	14 36	17 35	2 0
M 4	6 23	27 50	4 40	12 16	1 51	8 48	0 28	22 59	0 59	17 18	0 36	3 14	2 48	16 24	0 41	12 20	1 5	26 26	3 59	6 14	6 38	14 39	17 35	2 0
T 5	6 0	28 40	5 5	11 37	1 52	9 18	0 32	22 54	1 0	17 21	0 35	3 12	2 48	16 23	0 41	12 20	1 5	26 26	3 59	6 14	6 37	14 42	17 34	2 0
W 6	5 37	27 45	5 13	10 56	1 52	9 48	0 35	22 49	1 1	17 23	0 35	3 10	2 49	16 22	0 41	12 21	1 5	26 26	3 59	6 13	6 35	14 45	17 34	2 0
T 7	5 14	25 18	5 4	10 15	1 51	10 18	0 39	22 44	1 2	17 26	0 35	3 9	2 49	16 21	0 41	12 21	1 5	26 26	4 0	6 11	6 34	14 48	17 34	2 1
F 8	4 51	21 34	4 39	9 32	1 50	10 48	0 42	22 39	1 2	17 29	0 35	3 7	2 49	16 20	0 41	12 22	1 5	26 26	4 0	6 10	6 33	14 51	17 33	2 1
S 9	4 28	16 53	4 0	8 48	1 48	11 17	0 46	22 33	1 3	17 31	0 35	3 5	2 49	16 19	0 41	12 22	1 5	26 26	4 0	6 8	6 32	14 54	17 33	2 1
S 10	4 5	11 33	3 11	8 4	1 45	11 46	0 49	22 28	1 4	17 34	0 34	3 4	2 49	16 18	0 41	12 23	1 5	26 26	4 0	6 6	6 31	14 57	17 32	2 1
M11	3 41	5 52	2 13	7 19	1 42	12 15	0 53	22 22	1 5	17 37	0 34	3 2	2 49	16 17	0 41	12 24	1 5	26 26	4 0	6 5	6 29	15 0	17 32	2 1
T 12	3 18	0 2	1 10	6 34	1 38	12 43	0 56	22 16	1 6	17 39	0 34	3 0	2 49	16 16	0 41	12 24	1 5	26 26	4 0	6 4	6 28	15 3	17 32	2 2
W13	2 54	5n44	0 4	5 48	1 35	13 12	1 0	22 10	1 6	17 42	0 34	2 58	2 50	16 15	0 41	12 25	1 5	26 26	4 1	6 4	6 27	15 6	17 31	2 2
T 14	2 31	11 14	1n 1	5 2	1 30	13 40	1 3	22 4	1 7	17 45	0 34	2 56	2 50	16 14	0 41	12 25	1 5	26 26	4 1	6 4	6 26	15 9	17 31	2 2
F 15	2 7	16 19	2 4	4 16	1 26	14 7	1 7	21 58	1 8	17 48	0 34	2 55	2 50	16 13	0 41	12 26	1 5	26 27	4 1	6 5	6 24	15 12	17 30	2 2
S 16	1 43	20 47	3 0	3 29	1 21	14 35	1 10	21 52	1 9	17 50	0 33	2 53	2 50	16 12	0 41	12 26	1 5	26 27	4 1	6 5	6 23	15 15	17 30	2 3
S 17	1 20	24 27	3 50	2 43	1 16	15 2	1 14	21 46	1 10	17 53	0 33	2 51	2 50	16 11	0 41	12 27	1 5	26 27	4 1	6 6	6 22	15 18	17 29	2 3
M18	0 56	27 6	4 30	1 56	1 10	15 29	1 17	21 39	1 10	17 56	0 33	2 49	2 50	16 11	0 41	12 27	1 5	26 27	4 1	6 7	6 21	15 21	17 29	2 3
T 19	0 32	28 32	4 59	1 10	1 5	15 55	1 21	21 32	1 11	17 59	0 33	2 47	2 50	16 10	0 41	12 28	1 5	26 27	4 2	6 7	6 19	15 24	17 28	2 3
W20	0 8	28 34	5 14	0 24	0 59	16 21	1 24	21 26	1 12	18 2	0 33	2 45	2 50	16 9	0 41	12 28	1 5	26 27	4 2	6 7	6 18	15 27	17 28	2 4
T 21	0s16	27 6	5 15	0s23	0 53	16 46	1 28	21 19	1 13	18 5	0 33	2 44	2 50	16 8	0 41	12 29	1 5	26 27	4 2	6 6	6 17	15 30	17 27	2 4
F 22	0 40	24 8	4 59	1 9	0 47	17 12	1 31	21 12	1 14	18 8	0 32	2 42	2 50	16 7	0 41	12 29	1 5	26 27	4 2	6 6	6 16	15 33	17 27	2 4
S 23	1 3	19 45	4 27	1 54	0 40	17 37	1 35	21 5	1 15	18 10	0 32	2 40	2 50	16 6	0 42	12 30	1 5	26 27	4 2	6 5	6 15	15 36	17 26	2 4
S 24	1 27	14 11	3 37	2 40	0 34	18 1	1 38	20 58	1 15	18 13	0 32	2 38	2 50	16 5	0 42	12 30	1 5	26 27	4 2	6 4	6 13	15 39	17 26	2 4
M25	1 51	7 41	2 33	3 25	0 27	18 25	1 42	20 51	1 16	18 16	0 32	2 36	2 51	16 4	0 42	12 31	1 5	26 27	4 3	6 4	6 12	15 42	17 25	2 5
T 26	2 15	0 38	1 17	4 10	0 21	18 49	1 45	20 43	1 17	18 19	0 32	2 34	2 51	16 3	0 42	12 31	1 5	26 27	4 3	6 4	6 11	15 45	17 24	2 5
W27	2 39	6s34	0s 6	4 54	0 14	19 12	1 48	20 36	1 18	18 22	0 32	2 32	2 51	16 3	0 42	12 31	1 5	26 28	4 3	6 4	6 10	15 48	17 24	2 5
T 28	3 3	13 25	1 28	5 38	0 8	19 34	1 51	20 28	1 19	18 25	0 32	2 30	2 51	16 2	0 42	12 32	1 5	26 28	4 3	6 4	6 8	15 51	17 23	2 5
F 29	3 26	19 28	2 44	6 22	0 1	19 56	1 55	20 21	1 20	18 28	0 31	2 28	2 51	16 1	0 42	12 32	1 5	26 28	4 3	6 4	6 7	15 54	17 23	2 6
S 30	3s50	24s14	3s48	7s 5	0s 6	20s18	1s58	20n13	1n21	18s31	0n31	2n26	2s51	16n 0	0n42	12s33	1s 5	26n28	4n 4	6n 4	6n 6	15n57	17n22	2s 6

Julian Day Number = 1977706.5, Delta T = 01h00m24s
Ecliptic obliquity = 23°36'34, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'12, Lahiri = 5°47'12 Julian Calendar 1 Sept. 702 == Greg. Calendar 5 Sept. 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

OCTOBER 702 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 49 49	10♎36'18	15♐32	19♎17	23♏12	6♌31	24♏39	12°R38	18♌42	0°R 1	17♋37	15♈19	15♈20	7♉38	26°R 1	S 1
M 2	0 53 46	11°36'11	29°37	20°51	24°22	7° 4	24°51	12♈33	18°45	0♓ 0	17°37	15°19	15°17	7°45	25♉59	M 2
T 3	0 57 42	12°36'07	13♑21	22°25	25°32	7°38	25° 3	12°29	18°47	29♒59	17°38	15°R19	15°13	7°51	25°57	T 3
W 4	1 1 39	13°36'03	26°42	23°59	26°42	8°12	25°14	12°24	18°50	29°58	17°38	15°19	15°10	7°58	25°55	W 4
T 5	1 5 35	14°36'02	9♒43	25°32	27°51	8°46	25°26	12°19	18°52	29°57	17°38	15°19	15° 7	8° 5	25°53	T 5
F 6	1 9 32	15°36'02	22°27	27° 4	29° 1	9°19	25°38	12°14	18°55	29°56	17°39	15°D19	15° 4	8°11	25°51	F 6
S 7	1 13 28	16°36'04	4♓56	28°37	0♐10	9°52	25°50	12° 9	18°57	29°55	17°39	15°19	15° 1	8°18	25°49	S 7
S 8	1 17 25	17°36'08	17°13	0♏ 8	1°20	10°26	26° 2	12° 4	19° 0	29°54	17°39	15°19	14°58	8°25	25°47	S 8
M 9	1 21 22	18°36'13	29°20	1°39	2°29	10°59	26°14	12° 0	19° 2	29°53	17°39	15°20	14°54	8°31	25°45	M 9
T 10	1 25 18	19°36'20	11♈19	3°10	3°38	11°32	26°26	11°55	19° 4	29°52	17°39	15°R20	14°51	8°38	25°42	T 10
W11	1 29 15	20°36'29	23°12	4°40	4°47	12° 5	26°38	11°50	19° 7	29°51	17°40	15°20	14°48	8°44	25°40	W11
T 12	1 33 11	21°36'40	5♉ 2	6° 9	5°56	12°38	26°51	11°45	19° 9	29°50	17°40	15°19	14°45	8°51	25°38	T 12
F 13	1 37 8	22°36'53	16°50	7°39	7° 5	13°10	27° 3	11°41	19°11	29°49	17°40	15°19	14°42	8°58	25°35	F 13
S 14	1 41 4	23°37'08	28°39	9° 7	8°14	13°43	27°15	11°36	19°13	29°48	17°40	15°17	14°38	9° 4	25°33	S 14
S 15	1 45 1	24°37'25	10♊31	10°35	9°22	14°16	27°28	11°31	19°15	29°48	17°40	15°16	14°35	9°11	25°30	S 15
M16	1 48 57	25°37'44	22°31	12° 3	10°31	14°48	27°40	11°27	19°17	29°47	17°R40	15°15	14°32	9°18	25°28	M16
T 17	1 52 54	26°38'05	4♋40	13°30	11°39	15°20	27°53	11°22	19°19	29°46	17°40	15°14	14°29	9°24	25°25	T 17
W18	1 56 51	27°38'28	17° 3	14°57	12°47	15°52	28° 6	11°17	19°21	29°45	17°40	15°13	14°26	9°31	25°22	W18
T 19	2 0 47	28°38'53	29°45	16°22	13°55	16°24	28°18	11°13	19°23	29°45	17°40	15°D12	14°23	9°38	25°20	T 19
F 20	2 4 44	29°39'20	12♌48	17°48	15° 3	16°56	28°31	11° 8	19°25	29°44	17°40	15°13	14°19	9°44	25°17	F 20
S 21	2 8 40	0♏39'48	26°16	19°12	16°11	17°28	28°44	11° 4	19°27	29°43	17°40	15°14	14°16	9°51	25°14	S 21
S 22	2 12 37	1°40'19	10♍11	20°36	17°18	17°59	28°57	11° 0	19°28	29°43	17°39	15°15	14°13	9°58	25°12	S 22
M23	2 16 33	2°40'52	24°32	21°59	18°26	18°31	29° 9	10°55	19°30	29°42	17°39	15°16	14°10	10° 4	25° 9	M23
T 24	2 20 30	3°41'26	9♎17	23°21	19°33	19° 2	29°22	10°51	19°32	29°42	17°39	15°R17	14° 7	10°11	25° 6	T 24
W25	2 24 26	4°42'03	24°21	24°41	20°40	19°33	29°35	10°47	19°33	29°41	17°39	15°17	14° 3	10°18	25° 3	W25
T 26	2 28 23	5°42'40	9♏35	26° 1	21°47	20° 4	29°48	10°43	19°35	29°41	17°39	15°16	14° 0	10°24	25° 1	T 26
F 27	2 32 20	6°43'20	24°49	27°19	22°54	20°35	0♐ 2	10°39	19°36	29°40	17°38	15°13	13°57	10°31	24°58	F 27
S 28	2 36 16	7°44'01	9♐53	28°36	24° 1	21° 6	0°15	10°34	19°38	29°40	17°38	15°10	13°54	10°38	24°55	S 28
S 29	2 40 13	8°44'43	24°38	29°51	25° 7	21°36	0°28	10°31	19°39	29°40	17°38	15° 7	13°51	10°44	24°52	S 29
M30	2 44 9	9°45'27	8♑59	1♐ 5	26°13	22° 7	0°41	10°27	19°40	29°39	17°37	15° 4	13°48	10°51	24°49	M30
T 31	2 48 6	10♏46'12	22♑53	2♐15	27♐19	22♌37	0♐54	10♈23	19♌42	29♒39	17♋37	15♈ 2	13♈44	10♉58	24♉46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s14	27s23	4s36	7s48	0s13	20s39	2s 1	20n 6	1n22	18s34	0n31	2n25	2s51	15n59	0n42	12s33	1s 5	26n28	4n 4	6n 4	6n 5	16n 0	17n21	2s 6
M 2	4 37	28 42	5 6	8 30	0 19	21 0	2 4	19 58	1 22	18 37	0 31	2 23	2 51	15 58	0 42	12 33	1 5	26 28	4 4	6 4	6 3	16 3	17 21	2 6
T 3	5 1	28 12	5 18	9 12	0 26	21 20	2 7	19 50	1 23	18 40	0 31	2 21	2 51	15 58	0 42	12 34	1 5	26 28	4 4	6 4	6 2	16 6	17 20	2 6
W 4	5 24	26 3	5 12	9 53	0 33	21 40	2 10	19 42	1 24	18 43	0 31	2 19	2 51	15 57	0 42	12 34	1 5	26 28	4 4	6 4	6 1	16 9	17 19	2 7
T 5	5 48	22 35	4 49	10 33	0 40	21 59	2 13	19 34	1 25	18 46	0 30	2 17	2 51	15 56	0 42	12 35	1 5	26 28	4 4	6 4	6 0	16 12	17 19	2 7
F 6	6 11	18 7	4 14	11 13	0 46	22 17	2 16	19 26	1 26	18 49	0 30	2 15	2 51	15 55	0 42	12 35	1 5	26 29	4 5	6 4	5 58	16 15	17 18	2 7
S 7	6 34	12 58	3 26	11 53	0 53	22 35	2 19	19 18	1 27	18 52	0 30	2 13	2 51	15 55	0 42	12 35	1 5	26 29	4 5	6 4	5 57	16 18	17 17	2 7
S 8	6 57	7 23	2 30	12 31	0 59	22 53	2 21	19 9	1 28	18 55	0 30	2 11	2 51	15 54	0 42	12 36	1 4	26 29	4 5	6 4	5 56	16 21	17 16	2 8
M 9	7 20	1 37	1 28	13 9	1 6	23 10	2 24	19 1	1 29	18 58	0 30	2 10	2 51	15 53	0 42	12 36	1 4	26 29	4 5	6 5	5 55	16 24	17 16	2 8
T 10	7 43	4n10	0 22	13 47	1 12	23 26	2 27	18 53	1 30	19 1	0 30	2 8	2 50	15 53	0 42	12 36	1 4	26 29	4 5	6 5	5 54	16 27	17 15	2 8
W11	8 6	9 45	0n44	14 24	1 18	23 41	2 29	18 44	1 31	19 4	0 30	2 6	2 50	15 52	0 42	12 37	1 4	26 29	4 6	6 5	5 52	16 30	17 14	2 8
T 12	8 29	14 58	1 47	14 59	1 24	23 56	2 32	18 36	1 31	19 7	0 29	2 4	2 50	15 51	0 42	12 37	1 4	26 30	4 6	6 4	5 51	16 33	17 14	2 8
F 13	8 52	19 38	2 46	15 35	1 30	24 11	2 34	18 27	1 32	19 10	0 29	2 2	2 50	15 51	0 42	12 37	1 4	26 30	4 6	6 4	5 50	16 36	17 13	2 9
S 14	9 14	23 32	3 38	16 9	1 36	24 24	2 36	18 19	1 33	19 13	0 29	2 1	2 50	15 50	0 42	12 37	1 4	26 30	4 6	6 4	5 49	16 38	17 12	2 9
S 15	9 36	26 29	4 21	16 43	1 42	24 38	2 39	18 10	1 34	19 16	0 29	1 59	2 50	15 49	0 42	12 38	1 4	26 30	4 6	6 3	5 47	16 41	17 11	2 9
M16	9 59	28 16	4 52	17 15	1 47	24 50	2 41	18 2	1 35	19 19	0 29	1 57	2 50	15 49	0 42	12 38	1 4	26 30	4 6	6 3	5 46	16 44	17 10	2 9
T 17	10 21	28 43	5 11	17 47	1 52	25 2	2 43	17 53	1 36	19 22	0 29	1 55	2 50	15 48	0 42	12 38	1 4	26 30	4 7	6 2	5 45	16 47	17 10	2 9
W18	10 42	27 45	5 17	18 18	1 57	25 13	2 45	17 44	1 37	19 25	0 29	1 54	2 50	15 48	0 42	12 38	1 4	26 31	4 7	6 2	5 44	16 50	17 9	2 10
T 19	11 4	25 20	5 7	18 48	2 2	25 23	2 47	17 35	1 38	19 28	0 29	1 52	2 50	15 47	0 42	12 39	1 4	26 31	4 7	6 2	5 42	16 53	17 8	2 10
F 20	11 26	21 34	4 41	19 17	2 7	25 33	2 48	17 27	1 39	19 31	0 28	1 50	2 50	15 47	0 42	12 39	1 4	26 31	4 7	6 2	5 41	16 56	17 7	2 10
S 21	11 47	16 36	3 59	19 45	2 11	25 42	2 50	17 18	1 40	19 33	0 28	1 49	2 50	15 46	0 43	12 39	1 4	26 31	4 7	6 2	5 40	16 59	17 6	2 10
S 22	12 8	10 37	3 2	20 12	2 15	25 51	2 52	17 9	1 41	19 36	0 28	1 47	2 49	15 45	0 43	12 39	1 4	26 31	4 7	6 3	5 39	17 2	17 6	2 10
M23	12 29	3 54	1 52	20 37	2 19	25 59	2 53	17 0	1 42	19 39	0 28	1 46	2 49	15 45	0 43	12 39	1 4	26 32	4 8	6 3	5 37	17 5	17 5	2 10
T 24	12 50	3s12	0 33	21 2	2 22	26 6	2 55	16 51	1 43	19 42	0 28	1 44	2 49	15 45	0 43	12 40	1 4	26 32	4 8	6 4	5 36	17 7	17 4	2 11
W25	13 11	10 17	0s50	21 25	2 25	26 12	2 56	16 42	1 44	19 45	0 28	1 42	2 49	15 44	0 43	12 40	1 4	26 32	4 8	6 4	5 35	17 10	17 3	2 11
T 26	13 31	16 50	2 10	21 47	2 28	26 18	2 57	16 33	1 45	19 48	0 28	1 41	2 49	15 44	0 43	12 40	1 4	26 32	4 8	6 3	5 34	17 13	17 2	2 11
F 27	13 51	22 21	3 21	22 8	2 30	26 23	2 58	16 24	1 46	19 51	0 28	1 39	2 49	15 43	0 43	12 40	1 4	26 32	4 8	6 2	5 32	17 16	17 1	2 11
S 28	14 11	26 20	4 17	22 27	2 31	26 27	2 59	16 15	1 47	19 54	0 27	1 38	2 49	15 43	0 43	12 40	1 4	26 33	4 9	6 1	5 31	17 19	17 0	2 11
S 29	14 31	28 25	4 55	22 45	2 33	26 31	3 0	16 6	1 48	19 57	0 27	1 37	2 48	15 42	0 43	12 40	1 4	26 33	4 9	6 0	5 30	17 22	17 0	2 11
M30	14 50	28 30	5 13	23 1	2 33	26 34	3 0	15 57	1 49	20 0	0 27	1 35	2 48	15 42	0 43	12 40	1 4	26 33	4 9	5 59	5 29	17 25	16 59	2 12
T 31	15s10	26s46	5s12	23s16	2s33	26s36	3s 1	15n49	1n50	20s 3	0n27	1n34	2s48	15n42	0n43	12s40	1s 4	26n33	4n 9	5n58	5n28	17n28	16n58	2s12

Julian Day Number = 1977736.5, Delta T = 01h00m23s
Ecliptic obliquity = 23°36'34, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'16, Lahiri = 5°47'16 Julian Calendar 1 Oct. 702 == Greg. Calendar 5 Oct. 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

NOVEMBER 702 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 52 2	11♏46'57	6♒18	3♐24	28♐25	23♌ 7	1♐ 8	10°R19	19♌43	29°R39	17°R37	15°D 1	13♈41	11♉ 4	24°R43	W 1
T 2	2 55 59	12°47'44	19°18	4°29	29°30	23°37	1°21	10♈15	19°44	29♒39	17♋36	15♈ 1	13°38	11°11	24♉40	T 2
F 3	2 59 55	13°48'32	1♓56	5°32	0♑36	24° 6	1°34	10°12	19°45	29°38	17°36	15° 2	13°35	11°18	24°37	F 3
S 4	3 3 52	14°49'21	14°16	6°30	1°41	24°36	1°48	10° 8	19°46	29°38	17°35	15° 4	13°32	11°24	24°34	S 4
S 5	3 7 49	15°50'11	26°22	7°24	2°46	25° 5	2° 1	10° 5	19°47	29°38	17°35	15° 5	13°29	11°31	24°31	S 5
M 6	3 11 45	16°51'01	8♈19	8°14	3°50	25°34	2°14	10° 1	19°48	29°38	17°34	15° 7	13°25	11°38	24°28	M 6
T 7	3 15 42	17°51'53	20°10	8°58	4°55	26° 3	2°28	9°58	19°49	29°38	17°34	15°R 7	13°22	11°44	24°25	T 7
W 8	3 19 38	18°52'46	1♉59	9°36	5°59	26°32	2°41	9°55	19°50	29°D38	17°33	15° 5	13°19	11°51	24°22	W 8
T 9	3 23 35	19°53'41	13°47	10° 7	7° 2	27° 1	2°55	9°52	19°50	29°38	17°32	15° 2	13°16	11°58	24°19	T 9
F 10	3 27 31	20°54'36	25°38	10°30	8° 6	27°29	3° 8	9°49	19°51	29°38	17°32	14°57	13°13	12° 4	24°16	F 10
S 11	3 31 28	21°55'32	7♊32	10°44	9° 9	27°57	3°22	9°46	19°52	29°38	17°31	14°50	13° 9	12°11	24°12	S 11
S 12	3 35 24	22°56'30	19°32	10°R49	10°12	28°25	3°35	9°43	19°52	29°38	17°31	14°43	13° 6	12°18	24° 9	S 12
M13	3 39 21	23°57'29	1♋38	10°44	11°14	28°53	3°49	9°40	19°53	29°38	17°30	14°35	13° 3	12°24	24° 6	M13
T 14	3 43 18	24°58'29	13°54	10°28	12°16	29°21	4° 3	9°37	19°54	29°39	17°29	14°29	13° 0	12°31	24° 3	T 14
W15	3 47 14	25°59'30	26°22	10° 1	13°18	29°48	4°16	9°35	19°54	29°39	17°28	14°23	12°57	12°38	24° 0	W15
T 16	3 51 11	27° 0'32	9♌ 3	9°22	14°19	0♍15	4°30	9°32	19°54	29°39	17°28	14°19	12°54	12°44	23°57	T 16
F 17	3 55 7	28° 1'35	22° 1	8°32	15°20	0°42	4°44	9°30	19°55	29°39	17°27	14°17	12°50	12°51	23°54	F 17
S 18	3 59 4	29° 2'40	5♍20	7°32	16°21	1° 9	4°57	9°28	19°55	29°40	17°26	14°D17	12°47	12°58	23°51	S 18
S 19	4 3 0	0♐ 3'45	19° 1	6°23	17°21	1°35	5°11	9°26	19°55	29°40	17°25	14°19	12°44	13° 4	23°48	S 19
M20	4 6 57	1° 4'52	3♎ 6	5° 7	18°21	2° 2	5°25	9°23	19°55	29°40	17°24	14°20	12°41	13°11	23°45	M20
T 21	4 10 53	2° 6'00	17°36	3°46	19°20	2°28	5°38	9°21	19°55	29°41	17°23	14°R20	12°38	13°18	23°42	T 21
W22	4 14 50	3° 7'08	2♏26	2°24	20°19	2°53	5°52	9°20	19°R55	29°41	17°23	14°19	12°35	13°24	23°39	W22
T 23	4 18 47	4° 8'18	17°32	1° 1	21°18	3°19	6° 6	9°18	19°55	29°42	17°22	14°15	12°31	13°31	23°36	T 23
F 24	4 22 43	5° 9'28	2♐45	29♏43	22°16	3°44	6°20	9°16	19°55	29°42	17°21	14° 9	12°28	13°38	23°33	F 24
S 25	4 26 40	6°10'39	17°53	28°30	23°13	4° 9	6°33	9°15	19°55	29°43	17°20	14° 1	12°25	13°44	23°30	S 25
S 26	4 30 36	7°11'50	2♑48	27°25	24°10	4°34	6°47	9°13	19°55	29°44	17°19	13°52	12°22	13°51	23°27	S 26
M27	4 34 33	8°13'02	17°21	26°30	25° 6	4°58	7° 1	9°12	19°55	29°44	17°18	13°44	12°19	13°58	23°24	M27
T 28	4 38 29	9°14'14	1♒25	25°45	26° 2	5°22	7°15	9°11	19°54	29°45	17°17	13°36	12°15	14° 4	23°21	T 28
W29	4 42 26	10°15'27	15° 0	25°11	26°57	5°46	7°28	9° 9	19°54	29°46	17°16	13°31	12°12	14°11	23°18	W29
T 30	4 46 23	11♐16'39	28♒ 6	24♏48	27♑52	6♍ 9	7♐42	9♈ 8	19♌54	29♒46	17♋15	13♈28	12♈ 9	14♉18	23♉15	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s29	23s33	4s53	23s29	2s33	26s37	3s 1	15n40	1n51	20s 5	0n27	1n33	2s48	15n41	0n43	12s40	1s 4	26n33	4n 9	5n57	5n26	17n30	16n57	2s12
T 2	15 47	19 15	4 20	23 40	2 31	26 38	3 2	15 31	1 52	20 8	0 27	1 31	2 48	15 41	0 43	12 40	1 4	26 34	4 9	5 57	5 25	17 33	16 56	2 12
F 3	16 6	14 12	3 35	23 49	2 29	26 38	3 2	15 22	1 53	20 11	0 27	1 30	2 47	15 41	0 43	12 41	1 4	26 34	4 10	5 58	5 24	17 36	16 55	2 12
S 4	16 24	8 43	2 41	23 57	2 26	26 38	3 2	15 13	1 54	20 14	0 27	1 29	2 47	15 40	0 43	12 41	1 4	26 34	4 10	5 58	5 23	17 39	16 54	2 12
S 5	16 42	3 0	1 41	24 2	2 22	26 36	3 2	15 4	1 56	20 17	0 27	1 28	2 47	15 40	0 43	12 41	1 4	26 34	4 10	5 59	5 21	17 42	16 53	2 13
M 6	16 59	2n45	0 37	24 6	2 17	26 34	3 1	14 55	1 57	20 20	0 26	1 26	2 47	15 40	0 43	12 41	1 4	26 35	4 10	6 0	5 20	17 45	16 53	2 13
T 7	17 17	8 22	0n28	24 7	2 11	26 32	3 1	14 46	1 58	20 22	0 26	1 25	2 47	15 40	0 43	12 41	1 4	26 35	4 10	6 0	5 19	17 47	16 52	2 13
W 8	17 34	13 40	1 31	24 6	2 4	26 29	3 0	14 37	1 59	20 25	0 26	1 24	2 46	15 39	0 43	12 41	1 4	26 35	4 10	5 59	5 18	17 50	16 51	2 13
T 9	17 50	18 28	2 30	24 2	1 56	26 25	3 0	14 28	2 0	20 28	0 26	1 23	2 46	15 39	0 43	12 41	1 4	26 35	4 11	5 58	5 16	17 53	16 50	2 13
F 10	18 7	22 35	3 23	23 56	1 46	26 20	2 59	14 20	2 1	20 31	0 26	1 22	2 46	15 39	0 43	12 40	1 4	26 36	4 11	5 56	5 15	17 56	16 49	2 13
S 11	18 23	25 47	4 7	23 47	1 35	26 15	2 58	14 11	2 2	20 33	0 26	1 21	2 46	15 39	0 43	12 40	1 4	26 36	4 11	5 53	5 14	17 59	16 48	2 13
S 12	18 38	27 51	4 41	23 35	1 23	26 9	2 56	14 2	2 3	20 36	0 26	1 20	2 46	15 39	0 43	12 40	1 4	26 36	4 11	5 50	5 13	18 2	16 47	2 14
M13	18 54	28 38	5 2	23 21	1 8	26 2	2 55	13 53	2 5	20 39	0 26	1 20	2 45	15 39	0 43	12 40	1 4	26 36	4 11	5 47	5 11	18 4	16 46	2 14
T 14	19 9	28 0	5 10	23 3	0 53	25 55	2 54	13 45	2 6	20 41	0 26	1 19	2 45	15 38	0 44	12 40	1 4	26 37	4 11	5 45	5 10	18 7	16 46	2 14
W15	19 23	25 59	5 3	22 42	0 36	25 47	2 52	13 36	2 7	20 44	0 25	1 18	2 45	15 38	0 44	12 40	1 4	26 37	4 12	5 43	5 9	18 10	16 45	2 14
T 16	19 38	22 38	4 41	22 18	0 18	25 39	2 50	13 27	2 8	20 47	0 25	1 17	2 45	15 38	0 44	12 40	1 4	26 37	4 12	5 41	5 8	18 13	16 44	2 14
F 17	19 52	18 8	4 5	21 52	0n 2	25 30	2 48	13 19	2 9	20 49	0 25	1 16	2 44	15 38	0 44	12 40	1 4	26 37	4 12	5 40	5 6	18 16	16 43	2 14
S 18	20 5	12 39	3 15	21 22	0 22	25 20	2 46	13 10	2 11	20 52	0 25	1 16	2 44	15 38	0 44	12 40	1 4	26 38	4 12	5 40	5 5	18 18	16 42	2 14
S 19	20 18	6 24	2 13	20 50	0 42	25 10	2 43	13 2	2 12	20 54	0 25	1 15	2 44	15 38	0 44	12 40	1 3	26 38	4 12	5 41	5 4	18 21	16 41	2 14
M20	20 31	0s19	1 0	20 17	1 2	25 0	2 41	12 54	2 13	20 57	0 25	1 15	2 44	15 38	0 44	12 39	1 3	26 38	4 12	5 41	5 3	18 24	16 40	2 14
T 21	20 44	7 14	0s18	19 43	1 22	24 48	2 38	12 45	2 14	20 59	0 25	1 14	2 43	15 38	0 44	12 39	1 3	26 39	4 13	5 41	5 1	18 27	16 39	2 15
W22	20 56	13 54	1 36	19 9	1 41	24 37	2 35	12 37	2 15	21 2	0 25	1 13	2 43	15 38	0 44	12 39	1 3	26 39	4 13	5 41	5 0	18 29	16 39	2 15
T 23	21 7	19 53	2 49	18 35	1 58	24 24	2 32	12 29	2 17	21 4	0 25	1 13	2 43	15 38	0 44	12 39	1 3	26 39	4 13	5 39	4 59	18 32	16 38	2 15
F 24	21 19	24 37	3 50	18 4	2 13	24 12	2 28	12 21	2 18	21 7	0 25	1 13	2 43	15 38	0 44	12 39	1 3	26 39	4 13	5 37	4 58	18 35	16 37	2 15
S 25	21 30	27 37	4 35	17 36	2 26	23 58	2 25	12 13	2 19	21 9	0 25	1 12	2 42	15 38	0 44	12 38	1 3	26 40	4 13	5 34	4 56	18 38	16 36	2 15
S 26	21 40	28 35	5 0	17 11	2 37	23 45	2 21	12 5	2 21	21 12	0 24	1 12	2 42	15 38	0 44	12 38	1 3	26 40	4 13	5 31	4 55	18 40	16 35	2 15
M27	21 50	27 31	5 5	16 50	2 45	23 31	2 17	11 57	2 22	21 14	0 24	1 12	2 42	15 39	0 44	12 38	1 3	26 40	4 13	5 27	4 54	18 43	16 34	2 15
T 28	22 0	24 43	4 52	16 33	2 52	23 16	2 13	11 49	2 23	21 17	0 24	1 11	2 41	15 39	0 44	12 38	1 3	26 40	4 14	5 24	4 53	18 46	16 34	2 15
W29	22 9	20 37	4 21	16 21	2 56	23 1	2 8	11 42	2 24	21 19	0 24	1 11	2 41	15 39	0 44	12 37	1 3	26 41	4 14	5 22	4 51	18 49	16 33	2 15
T 30	22s17	15s38	3s38	16s14	2n58	22s45	2s 4	11n34	2n26	21s21	0n24	1n11	2s41	15n39	0n44	12s37	1s 3	26n41	4n14	5n21	4n50	18n51	16n32	2s15

Julian Day Number = 1977767.5, Delta T = 01h00m23s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'20, Lahiri = 5°47'21 Julian Calendar 1 Nov. 702 == Greg. Calendar 5 Nov. 702

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ASTRODIENST EPHEMERIS for the year 702
geocentric

DECEMBER 702 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 50 19	12♐17'51	10♓46	24°R35	28♑46	6♍33	7♐56	9°R 8	19°R53	29♒47	17°R14	13°D27	12♈ 6	14♉24	23°R12	F 1
S 2	4 54 16	13°19'03	23° 5	24°D33	29°39	6°56	8°10	9♈ 7	19♌53	29°48	17♋13	13♈27	12° 3	14°31	23♉ 9	S 2
S 3	4 58 12	14°20'16	5♈ 9	24♏39	0♒32	7°18	8°23	9° 6	19°52	29°49	17°11	13°28	12° 0	14°38	23° 6	S 3
M 4	5 2 9	15°21'28	17° 2	24°55	1°23	7°40	8°37	9° 6	19°52	29°50	17°10	13°R28	11°56	14°44	23° 3	M 4
T 5	5 6 5	16°22'40	28°50	25°18	2°14	8° 2	8°51	9° 5	19°51	29°51	17° 9	13°27	11°53	14°51	23° 1	T 5
W 6	5 10 2	17°23'53	10♉37	25°49	3° 5	8°24	9° 4	9° 5	19°50	29°52	17° 8	13°23	11°50	14°58	22°58	W 6
T 7	5 13 58	18°25'05	22°27	26°26	3°54	8°45	9°18	9° 4	19°49	29°53	17° 7	13°17	11°47	15° 4	22°55	T 7
F 8	5 17 55	19°26'17	4♊22	27° 8	4°42	9° 6	9°32	9° 4	19°48	29°54	17° 6	13° 7	11°44	15°11	22°52	F 8
S 9	5 21 52	20°27'29	16°24	27°56	5°30	9°27	9°45	9°D 4	19°48	29°55	17° 5	12°56	11°41	15°18	22°50	S 9
S 10	5 25 48	21°28'42	28°35	28°48	6°17	9°47	9°59	9° 4	19°47	29°56	17° 3	12°43	11°37	15°24	22°47	S 10
M11	5 29 45	22°29'54	10♋55	29°45	7° 2	10° 7	10°13	9° 5	19°46	29°57	17° 2	12°29	11°34	15°31	22°44	M11
T 12	5 33 41	23°31'06	23°26	0♐45	7°47	10°26	10°26	9° 5	19°45	29°58	17° 1	12°17	11°31	15°38	22°42	T 12
W13	5 37 38	24°32'19	6♌ 6	1°48	8°31	10°45	10°40	9° 5	19°43	29°59	17° 0	12° 6	11°28	15°44	22°39	W13
T 14	5 41 34	25°33'31	18°58	2°54	9°13	11° 4	10°53	9° 6	19°42	0♓ 0	16°59	11°58	11°25	15°51	22°37	T 14
F 15	5 45 31	26°34'43	2♍ 2	4° 2	9°55	11°22	11° 7	9° 7	19°41	0° 1	16°57	11°53	11°21	15°58	22°34	F 15
S 16	5 49 27	27°35'56	15°21	5°13	10°35	11°40	11°20	9° 7	19°40	0° 3	16°56	11°51	11°18	16° 4	22°32	S 16
S 17	5 53 24	28°37'08	28°55	6°26	11°14	11°57	11°34	9° 8	19°39	0° 4	16°55	11°D50	11°15	16°11	22°30	S 17
M18	5 57 21	29°38'20	12♎48	7°40	11°51	12°14	11°47	9° 9	19°37	0° 5	16°53	11°R51	11°12	16°18	22°27	M18
T 19	6 1 17	0♏39'32	26°59	8°57	12°28	12°31	12° 1	9°11	19°36	0° 7	16°52	11°50	11° 9	16°24	22°25	T 19
W20	6 5 14	1°40'45	11♏28	10°14	13° 3	12°47	12°14	9°12	19°34	0° 8	16°51	11°47	11° 6	16°31	22°23	W20
T 21	6 9 10	2°41'57	26°11	11°33	13°36	13° 3	12°27	9°13	19°33	0° 9	16°50	11°42	11° 2	16°38	22°21	T 21
F 22	6 13 7	3°43'09	11♐ 4	12°54	14° 8	13°18	12°41	9°15	19°31	0°11	16°48	11°33	10°59	16°44	22°19	F 22
S 23	6 17 3	4°44'20	25°58	14°15	14°39	13°32	12°54	9°16	19°30	0°12	16°47	11°23	10°56	16°51	22°16	S 23
S 24	6 21 0	5°45'32	10♑43	15°37	15° 7	13°46	13° 7	9°18	19°28	0°14	16°46	11°10	10°53	16°58	22°14	S 24
M25	6 24 57	6°46'42	25°12	17° 1	15°35	14° 0	13°20	9°20	19°26	0°15	16°44	10°58	10°50	17° 4	22°12	M25
T 26	6 28 53	7°47'52	9♒18	18°25	16° 0	14°13	13°34	9°21	19°25	0°17	16°43	10°47	10°47	17°11	22°10	T 26
W27	6 32 50	8°49'01	22°57	19°50	16°24	14°26	13°47	9°24	19°23	0°18	16°42	10°38	10°43	17°18	22° 9	W27
T 28	6 36 46	9°50'08	6♓ 8	21°16	16°45	14°38	14° 0	9°26	19°21	0°20	16°40	10°33	10°40	17°24	22° 7	T 28
F 29	6 40 43	10°51'15	18°53	22°43	17° 5	14°49	14°13	9°28	19°19	0°22	16°39	10°29	10°37	17°31	22° 5	F 29
S 30	6 44 39	11°52'21	1♈17	24°11	17°23	15° 0	14°26	9°30	19°17	0°23	16°38	10°28	10°34	17°38	22° 3	S 30
S 31	6 48 36	12♑53'26	13♈23	25♐39	17♒39	15♍10	14♐39	9♈33	19♌16	0♓25	16♋36	10♈28	10♈31	17♉44	22♉ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s26	10s 8	2s46	16s10	2n58	22s30	1s59	11n27	2n27	21s24	0n24	1n11	2s41	15n39	0n44	12s37	1s 3	26n41	4n14	5n21	4n49	18n54	16n31	2s15
S 2	22 34	4 24	1 47	16 11	2 57	22 13	1 54	11 20	2 28	21 26	0 24	1 11	2 40	15 39	0 44	12 36	1 3	26 42	4 14	5 21	4 48	18 57	16 30	2 16
S 3	22 41	1n23	0 44	16 15	2 54	21 57	1 49	11 12	2 30	21 28	0 24	1 11	2 40	15 40	0 44	12 36	1 3	26 42	4 14	5 21	4 46	19 0	16 30	2 16
M 4	22 48	7 2	0n19	16 22	2 51	21 40	1 43	11 5	2 31	21 30	0 24	1 11	2 40	15 40	0 44	12 36	1 3	26 42	4 14	5 21	4 45	19 2	16 29	2 16
T 5	22 54	12 24	1 21	16 32	2 46	21 23	1 37	10 58	2 33	21 33	0 24	1 11	2 39	15 40	0 44	12 35	1 3	26 42	4 15	5 21	4 44	19 5	16 28	2 16
W 6	23 0	17 19	2 20	16 45	2 40	21 5	1 31	10 51	2 34	21 35	0 24	1 11	2 39	15 40	0 45	12 35	1 3	26 43	4 15	5 19	4 43	19 8	16 27	2 16
T 7	23 6	21 36	3 12	17 0	2 34	20 47	1 25	10 45	2 35	21 37	0 23	1 11	2 39	15 41	0 45	12 35	1 3	26 43	4 15	5 17	4 41	19 10	16 27	2 16
F 8	23 11	25 2	3 56	17 16	2 27	20 29	1 18	10 38	2 37	21 39	0 23	1 12	2 39	15 41	0 45	12 34	1 3	26 43	4 15	5 13	4 40	19 13	16 26	2 16
S 9	23 16	27 23	4 30	17 34	2 20	20 11	1 12	10 31	2 38	21 41	0 23	1 12	2 38	15 41	0 45	12 34	1 3	26 43	4 15	5 9	4 39	19 16	16 25	2 16
S 10	23 20	28 28	4 52	17 53	2 13	19 53	1 5	10 25	2 40	21 43	0 23	1 12	2 38	15 42	0 45	12 33	1 3	26 44	4 15	5 3	4 38	19 19	16 24	2 16
M11	23 24	28 9	5 1	18 12	2 5	19 34	0 57	10 19	2 41	21 45	0 23	1 13	2 38	15 42	0 45	12 33	1 3	26 44	4 15	4 58	4 36	19 21	16 24	2 16
T 12	23 27	26 25	4 56	18 33	1 57	19 15	0 50	10 13	2 43	21 47	0 23	1 13	2 37	15 42	0 45	12 33	1 3	26 44	4 15	4 53	4 35	19 24	16 23	2 16
W13	23 30	23 20	4 36	18 54	1 49	18 56	0 42	10 7	2 44	21 50	0 23	1 13	2 37	15 43	0 45	12 32	1 3	26 45	4 16	4 49	4 34	19 27	16 22	2 16
T 14	23 32	19 4	4 2	19 15	1 40	18 37	0 34	10 1	2 46	21 52	0 23	1 14	2 37	15 43	0 45	12 32	1 3	26 45	4 16	4 46	4 33	19 29	16 22	2 16
F 15	23 34	13 50	3 14	19 36	1 32	18 18	0 26	9 55	2 47	21 53	0 23	1 14	2 37	15 44	0 45	12 31	1 3	26 45	4 16	4 44	4 31	19 32	16 21	2 16
S 16	23 35	7 54	2 15	19 58	1 23	17 59	0 17	9 50	2 49	21 55	0 23	1 15	2 36	15 44	0 45	12 31	1 3	26 45	4 16	4 43	4 30	19 35	16 20	2 16
S 17	23 36	1 28	1 8	20 19	1 15	17 40	0 8	9 45	2 50	21 57	0 23	1 16	2 36	15 44	0 45	12 30	1 3	26 46	4 16	4 43	4 29	19 37	16 20	2 16
M18	23 37	5s10	0s 5	20 39	1 6	17 20	0n 1	9 40	2 52	21 59	0 23	1 16	2 36	15 45	0 45	12 30	1 3	26 46	4 16	4 43	4 28	19 40	16 19	2 16
T 19	23 36	11 42	1 19	21 0	0 58	17 1	0 11	9 35	2 53	22 1	0 22	1 17	2 35	15 45	0 45	12 29	1 3	26 46	4 16	4 43	4 26	19 43	16 18	2 16
W20	23 36	17 45	2 30	21 20	0 49	16 42	0 20	9 30	2 55	22 3	0 22	1 18	2 35	15 46	0 45	12 29	1 3	26 47	4 16	4 42	4 25	19 45	16 18	2 16
T 21	23 35	22 51	3 31	21 39	0 41	16 22	0 31	9 25	2 56	22 5	0 22	1 19	2 35	15 46	0 45	12 28	1 3	26 47	4 16	4 39	4 24	19 48	16 17	2 16
F 22	23 33	26 32	4 19	21 58	0 33	16 3	0 41	9 21	2 58	22 7	0 22	1 19	2 35	15 47	0 45	12 28	1 3	26 47	4 17	4 36	4 23	19 50	16 17	2 16
S 23	23 31	28 22	4 50	22 16	0 24	15 44	0 52	9 17	3 0	22 8	0 22	1 20	2 34	15 47	0 45	12 27	1 3	26 47	4 17	4 32	4 21	19 53	16 16	2 16
S 24	23 29	28 9	5 0	22 33	0 16	15 25	1 2	9 13	3 1	22 10	0 22	1 21	2 34	15 48	0 45	12 27	1 3	26 48	4 17	4 27	4 20	19 56	16 16	2 16
M25	23 26	26 1	4 51	22 50	0 8	15 6	1 14	9 9	3 3	22 12	0 22	1 22	2 34	15 49	0 45	12 26	1 3	26 48	4 17	4 22	4 19	19 58	16 15	2 17
T 26	23 23	22 18	4 24	23 5	0 1	14 48	1 25	9 5	3 5	22 14	0 22	1 23	2 33	15 49	0 45	12 26	1 3	26 48	4 17	4 18	4 18	20 1	16 15	2 17
W27	23 19	17 28	3 43	23 20	0s 7	14 30	1 37	9 2	3 6	22 15	0 22	1 24	2 33	15 50	0 45	12 25	1 3	26 48	4 17	4 14	4 16	20 4	16 14	2 17
T 28	23 15	11 58	2 51	23 34	0 14	14 12	1 49	8 59	3 8	22 17	0 22	1 25	2 33	15 50	0 45	12 24	1 3	26 49	4 17	4 12	4 15	20 6	16 14	2 17
F 29	23 10	6 8	1 52	23 46	0 22	13 54	2 1	8 56	3 10	22 18	0 22	1 26	2 32	15 51	0 45	12 24	1 3	26 49	4 17	4 11	4 14	20 9	16 13	2 17
S 30	23 4	0 14	0 48	23 58	0 29	13 36	2 14	8 53	3 11	22 20	0 22	1 28	2 32	15 52	0 45	12 23	1 3	26 49	4 17	4 10	4 13	20 11	16 13	2 17
S 31	22s59	5n33	0n15	24s 8	0s36	13s19	2n27	8n50	3n13	22s22	0n22	1n29	2s32	15n52	0n45	12s23	1s 3	26n49	4n17	4n10	4n11	20n14	16n12	2s17

Julian Day Number = 1977797.5, Delta T = 01h00m22s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'24, Lahiri = 5°47'25 Julian Calendar 1 Dec. 702 == Greg. Calendar 5 Dec. 702

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ASTRODIENST EPHEMERIS for the year 703
geocentric

JANUARY 703 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 52 32	13♑54'29	25♈17	27♐ 8	17♒52	15♍20	14♐52	9♈35	19°R14	0♓27	16°R35	10°R28	10♈27	17♉51	22°R 0	M 1
T 2	6 56 29	14°55'32	7♉ 6	28°37	18° 3	15°29	15° 5	9°38	19♌12	0°28	16♋33	10♈26	10°24	17°58	21♉58	T 2
W 3	7 0 26	15°56'33	18°54	0♑ 8	18°12	15°38	15°17	9°41	19°10	0°30	16°32	10°22	10°21	18° 4	21°57	W 3
T 4	7 4 22	16°57'34	0♊46	1°39	18°19	15°46	15°30	9°43	19° 8	0°32	16°31	10°16	10°18	18°11	21°55	T 4
F 5	7 8 19	17°58'33	12°46	3°10	18°23	15°53	15°43	9°46	19° 5	0°34	16°29	10° 6	10°15	18°18	21°54	F 5
S 6	7 12 15	18°59'31	24°56	4°43	18°R25	16° 0	15°56	9°49	19° 3	0°35	16°28	9°54	10°12	18°25	21°53	S 6
S 7	7 16 12	20° 0'27	7♋19	6°16	18°25	16° 6	16° 8	9°53	19° 1	0°37	16°27	9°41	10° 8	18°31	21°51	S 7
M 8	7 20 8	21° 1'23	19°55	7°49	18°21	16°11	16°21	9°56	18°59	0°39	16°25	9°27	10° 5	18°38	21°50	M 8
T 9	7 24 5	22° 2'18	2♌44	9°24	18°16	16°16	16°33	9°59	18°57	0°41	16°24	9°13	10° 2	18°45	21°49	T 9
W10	7 28 1	23° 3'11	15°45	10°59	18° 8	16°20	16°46	10° 3	18°55	0°43	16°23	9° 2	9°59	18°51	21°48	W10
T 11	7 31 58	24° 4'03	28°57	12°35	17°57	16°23	16°58	10° 6	18°52	0°45	16°21	8°54	9°56	18°58	21°47	T 11
F 12	7 35 55	25° 4'55	12♍19	14°11	17°44	16°26	17°10	10°10	18°50	0°47	16°20	8°48	9°53	19° 5	21°46	F 12
S 13	7 39 51	26° 5'45	25°51	15°48	17°28	16°28	17°22	10°14	18°48	0°48	16°18	8°46	9°49	19°11	21°45	S 13
S 14	7 43 48	27° 6'34	9♎33	17°26	17°10	16°29	17°35	10°17	18°45	0°50	16°17	8°D45	9°46	19°18	21°44	S 14
M15	7 47 44	28° 7'22	23°25	19° 5	16°49	16°R30	17°47	10°21	18°43	0°52	16°16	8°R45	9°43	19°25	21°43	M15
T 16	7 51 41	29° 8'09	7♏28	20°45	16°26	16°30	17°59	10°25	18°40	0°54	16°14	8°45	9°40	19°31	21°42	T 16
W17	7 55 37	0♒ 8'55	21°40	22°25	16° 1	16°29	18°11	10°29	18°38	0°56	16°13	8°43	9°37	19°38	21°42	W17
T 18	7 59 34	1° 9'40	6♐ 1	24° 6	15°34	16°27	18°23	10°34	18°36	0°58	16°12	8°39	9°33	19°45	21°41	T 18
F 19	8 3 30	2°10'24	20°27	25°48	15° 5	16°24	18°34	10°38	18°33	1° 0	16°11	8°32	9°30	19°51	21°40	F 19
S 20	8 7 27	3°11'07	4♑54	27°31	14°34	16°21	18°46	10°42	18°31	1° 2	16° 9	8°23	9°27	19°58	21°40	S 20
S 21	8 11 24	4°11'48	19°14	29°15	14° 2	16°17	18°58	10°47	18°28	1° 5	16° 8	8°12	9°24	20° 5	21°40	S 21
M22	8 15 20	5°12'28	3♒23	0♒59	13°28	16°12	19° 9	10°51	18°26	1° 7	16° 7	8° 1	9°21	20°11	21°39	M22
T 23	8 19 17	6°13'07	17°15	2°44	12°53	16° 6	19°21	10°56	18°23	1° 9	16° 5	7°52	9°18	20°18	21°39	T 23
W24	8 23 13	7°13'43	0♓45	4°31	12°17	16° 0	19°32	11° 1	18°21	1°11	16° 4	7°44	9°14	20°25	21°39	W24
T 25	8 27 10	8°14'18	13°53	6°18	11°40	15°53	19°44	11° 6	18°18	1°13	16° 3	7°39	9°11	20°31	21°38	T 25
F 26	8 31 6	9°14'51	26°38	8° 6	11° 3	15°45	19°55	11°10	18°15	1°15	16° 2	7°36	9° 8	20°38	21°38	F 26
S 27	8 35 3	10°15'23	9♈ 3	9°54	10°25	15°36	20° 6	11°15	18°13	1°17	16° 0	7°D35	9° 5	20°45	21°D38	S 27
S 28	8 38 59	11°15'52	21°11	11°44	9°48	15°26	20°17	11°20	18°10	1°19	15°59	7°36	9° 2	20°51	21°38	S 28
M29	8 42 56	12°16'20	3♉ 8	13°34	9°11	15°16	20°28	11°26	18° 8	1°22	15°58	7°37	8°59	20°58	21°38	M29
T 30	8 46 53	13°16'45	14°59	15°26	8°34	15° 5	20°39	11°31	18° 5	1°24	15°57	7°R37	8°55	21° 5	21°39	T 30
W31	8 50 49	14♒17'09	26♉49	17♒18	7♒58	14♍53	20♐50	11♈36	18♌ 2	1♓26	15♋56	7♈36	8♈52	21♉11	21♉39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s53	11n 3	1n18	24s17	0s42	13s 3	2n40	8n48	3n15	22s23	0n22	1n30	2s32	15n53	0n45	12s22	1s 2	26n50	4n17	4n10	4n10	20n16	16n12	2s17
T 2	22 46	16 7	2 16	24 25	0 49	12 46	2 54	8 46	3 16	22 25	0 21	1 31	2 31	15 54	0 45	12 21	1 2	26 50	4 18	4 10	4 9	20 19	16 11	2 17
W 3	22 39	20 35	3 8	24 32	0 55	12 31	3 7	8 44	3 18	22 26	0 21	1 33	2 31	15 54	0 46	12 21	1 2	26 50	4 18	4 8	4 8	20 22	16 11	2 17
T 4	22 31	24 15	3 53	24 37	1 1	12 16	3 21	8 43	3 20	22 28	0 21	1 34	2 31	15 55	0 46	12 20	1 2	26 50	4 18	4 5	4 6	20 24	16 11	2 17
F 5	22 24	26 54	4 27	24 42	1 7	12 1	3 35	8 42	3 21	22 29	0 21	1 36	2 31	15 56	0 46	12 20	1 2	26 51	4 18	4 2	4 5	20 27	16 10	2 17
S 6	22 15	28 20	4 50	24 44	1 13	11 47	3 49	8 40	3 23	22 30	0 21	1 37	2 30	15 56	0 46	12 19	1 2	26 51	4 18	3 57	4 4	20 29	16 10	2 17
S 7	22 6	28 24	5 0	24 46	1 18	11 34	4 3	8 40	3 25	22 32	0 21	1 39	2 30	15 57	0 46	12 18	1 2	26 51	4 18	3 52	4 3	20 32	16 10	2 17
M 8	21 57	26 59	4 55	24 46	1 24	11 21	4 18	8 39	3 26	22 33	0 21	1 40	2 30	15 58	0 46	12 18	1 2	26 51	4 18	3 46	4 1	20 34	16 9	2 17
T 9	21 47	24 9	4 36	24 45	1 28	11 9	4 32	8 39	3 28	22 35	0 21	1 42	2 29	15 58	0 46	12 17	1 2	26 52	4 18	3 41	4 0	20 37	16 9	2 17
W10	21 37	20 4	4 2	24 42	1 33	10 58	4 47	8 39	3 30	22 36	0 21	1 43	2 29	15 59	0 46	12 16	1 2	26 52	4 18	3 36	3 59	20 40	16 9	2 17
T 11	21 27	14 57	3 14	24 37	1 37	10 47	5 1	8 39	3 32	22 37	0 21	1 45	2 29	16 0	0 46	12 15	1 2	26 52	4 18	3 33	3 58	20 42	16 8	2 17
F 12	21 16	9 4	2 15	24 32	1 41	10 37	5 15	8 40	3 33	22 38	0 21	1 47	2 29	16 1	0 46	12 15	1 2	26 52	4 18	3 31	3 56	20 45	16 8	2 17
S 13	21 5	2 42	1 8	24 24	1 45	10 29	5 30	8 40	3 35	22 40	0 21	1 48	2 28	16 1	0 46	12 14	1 2	26 53	4 18	3 30	3 55	20 47	16 8	2 17
S 14	20 53	3s53	0s 4	24 15	1 49	10 21	5 44	8 41	3 37	22 41	0 21	1 50	2 28	16 2	0 46	12 13	1 2	26 53	4 18	3 30	3 54	20 50	16 8	2 17
M15	20 41	10 21	1 17	24 5	1 52	10 13	5 57	8 43	3 38	22 42	0 21	1 52	2 28	16 3	0 46	12 13	1 2	26 53	4 18	3 30	3 53	20 52	16 8	2 17
T 16	20 29	16 24	2 26	23 53	1 54	10 7	6 11	8 44	3 40	22 43	0 21	1 54	2 28	16 4	0 46	12 12	1 2	26 53	4 18	3 30	3 51	20 55	16 7	2 17
W17	20 16	21 38	3 27	23 39	1 57	10 2	6 24	8 46	3 42	22 44	0 20	1 56	2 27	16 4	0 46	12 11	1 2	26 53	4 18	3 29	3 50	20 57	16 7	2 16
T 18	20 3	25 39	4 15	23 24	1 59	9 57	6 37	8 48	3 43	22 45	0 20	1 57	2 27	16 5	0 46	12 10	1 2	26 54	4 18	3 27	3 49	21 0	16 7	2 16
F 19	19 49	28 3	4 48	23 7	2 1	9 54	6 49	8 51	3 45	22 47	0 20	1 59	2 27	16 6	0 46	12 10	1 2	26 54	4 18	3 24	3 48	21 2	16 7	2 16
S 20	19 35	28 33	5 2	22 48	2 2	9 52	7 1	8 54	3 46	22 48	0 20	2 1	2 27	16 7	0 46	12 9	1 2	26 54	4 19	3 21	3 46	21 5	16 7	2 16
S 21	19 21	27 7	4 57	22 27	2 3	9 50	7 12	8 57	3 48	22 49	0 20	2 3	2 26	16 8	0 46	12 8	1 2	26 54	4 19	3 17	3 45	21 7	16 7	2 16
M22	19 6	23 58	4 34	22 5	2 3	9 49	7 23	9 0	3 50	22 50	0 20	2 5	2 26	16 8	0 46	12 7	1 2	26 54	4 19	3 12	3 44	21 10	16 7	2 16
T 23	18 51	19 30	3 55	21 41	2 3	9 50	7 33	9 4	3 51	22 51	0 20	2 7	2 26	16 9	0 46	12 7	1 2	26 55	4 19	3 8	3 43	21 12	16 7	2 16
W24	18 36	14 8	3 3	21 16	2 3	9 51	7 42	9 8	3 53	22 52	0 20	2 9	2 26	16 10	0 46	12 6	1 2	26 55	4 19	3 5	3 41	21 15	16 7	2 16
T 25	18 20	8 17	2 3	20 48	2 2	9 53	7 50	9 12	3 54	22 53	0 20	2 12	2 25	16 11	0 46	12 5	1 2	26 55	4 19	3 3	3 40	21 17	16 7	2 16
F 26	18 4	2 14	0 58	20 19	2 1	9 56	7 57	9 16	3 55	22 54	0 20	2 14	2 25	16 12	0 46	12 4	1 2	26 55	4 19	3 2	3 39	21 20	16 7	2 16
S 27	17 48	3n44	0n 8	19 48	1 59	9 59	8 4	9 21	3 57	22 54	0 20	2 16	2 25	16 12	0 46	12 4	1 2	26 55	4 19	3 2	3 37	21 22	16 7	2 16
S 28	17 31	9 26	1 12	19 15	1 57	10 4	8 9	9 26	3 58	22 55	0 20	2 18	2 25	16 13	0 46	12 3	1 2	26 56	4 19	3 2	3 36	21 24	16 7	2 16
M29	17 14	14 43	2 13	18 41	1 54	10 9	8 14	9 31	4 0	22 56	0 20	2 20	2 24	16 14	0 46	12 2	1 2	26 56	4 19	3 3	3 35	21 27	16 7	2 16
T 30	16 57	19 25	3 7	18 5	1 50	10 14	8 17	9 37	4 1	22 57	0 20	2 22	2 24	16 15	0 46	12 1	1 2	26 56	4 19	3 3	3 34	21 29	16 7	2 16
W31	16s40	23n21	3n53	17s27	1s47	10s21	8n20	9n43	4n 2	22s58	0n20	2n25	2s24	16n16	0n46	12s 1	1s 2	26n56	4n19	3n 2	3n32	21n32	16n 7	2s16

Julian Day Number = 1977828.5, Delta T = 01h00m21s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'29, Lahiri = 5°47'29 Julian Calendar 1 Jan. 703 == Greg. Calendar 5 Jan. 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

FEBRUARY 703 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 54 46	15♒17'30	8♊43	19♒10	7°R23	14°R40	21♐ 0	11♈41	18°R 0	1♓28	15°R54	7°R33	8♈49	21♉18	21♉39	T 1
F 2	8 58 42	16°17'50	20°45	21° 3	6♒49	14♍27	21°11	11°47	17♌57	1°30	15♋53	7♈28	8°46	21°25	21°39	F 2
S 3	9 2 39	17°18'07	3♋ 1	22°57	6°17	14°13	21°21	11°52	17°55	1°33	15°52	7°21	8°43	21°32	21°40	S 3
S 4	9 6 35	18°18'23	15°32	24°51	5°47	13°58	21°32	11°58	17°52	1°35	15°51	7°12	8°39	21°38	21°40	S 4
M 5	9 10 32	19°18'37	28°20	26°46	5°18	13°42	21°42	12° 4	17°49	1°37	15°50	7° 3	8°36	21°45	21°41	M 5
T 6	9 14 28	20°18'48	11♌26	28°40	4°51	13°26	21°52	12° 9	17°47	1°39	15°49	6°55	8°33	21°52	21°41	T 6
W 7	9 18 25	21°18'58	24°48	0♓34	4°26	13° 9	22° 2	12°15	17°44	1°42	15°48	6°48	8°30	21°58	21°42	W 7
T 8	9 22 22	22°19'06	8♍24	2°28	4° 4	12°52	22°12	12°21	17°41	1°44	15°47	6°42	8°27	22° 5	21°43	T 8
F 9	9 26 18	23°19'11	22°13	4°21	3°44	12°34	22°22	12°27	17°39	1°46	15°46	6°39	8°24	22°12	21°43	F 9
S 10	9 30 15	24°19'16	6♎ 9	6°13	3°26	12°15	22°32	12°33	17°36	1°48	15°45	6°D38	8°20	22°18	21°44	S 10
S 11	9 34 11	25°19'18	20°12	8° 4	3°10	11°56	22°41	12°39	17°34	1°51	15°44	6°39	8°17	22°25	21°45	S 11
M12	9 38 8	26°19'19	4♏19	9°53	2°58	11°36	22°51	12°45	17°31	1°53	15°43	6°40	8°14	22°32	21°46	M12
T 13	9 42 4	27°19'18	18°28	11°39	2°47	11°16	23° 0	12°51	17°28	1°55	15°42	6°42	8°11	22°38	21°47	T 13
W14	9 46 1	28°19'15	2♐37	13°23	2°39	10°55	23°10	12°57	17°26	1°57	15°41	6°R42	8° 8	22°45	21°48	W14
T 15	9 49 57	29°19'11	16°46	15° 4	2°34	10°33	23°19	13° 4	17°23	2° 0	15°40	6°41	8° 5	22°52	21°49	T 15
F 16	9 53 54	0♓19'06	0♑51	16°41	2°31	10°12	23°28	13°10	17°21	2° 2	15°39	6°38	8° 1	22°58	21°51	F 16
S 17	9 57 51	1°18'58	14°51	18°14	2°D30	9°50	23°37	13°16	17°18	2° 4	15°38	6°33	7°58	23° 5	21°52	S 17
S 18	10 1 47	2°18'49	28°42	19°42	2°32	9°27	23°46	13°23	17°16	2° 6	15°37	6°28	7°55	23°12	21°53	S 18
M19	10 5 44	3°18'37	12♒23	21° 5	2°37	9° 4	23°54	13°29	17°13	2° 9	15°36	6°22	7°52	23°18	21°54	M19
T 20	10 9 40	4°18'24	25°50	22°23	2°43	8°41	24° 3	13°36	17°11	2°11	15°35	6°17	7°49	23°25	21°56	T 20
W21	10 13 37	5°18'09	9♓ 0	23°34	2°52	8°18	24°11	13°42	17° 8	2°13	15°35	6°13	7°45	23°32	21°57	W21
T 22	10 17 33	6°17'52	21°54	24°38	3° 3	7°55	24°20	13°49	17° 6	2°16	15°34	6°11	7°42	23°39	21°59	T 22
F 23	10 21 30	7°17'32	4♈30	25°36	3°16	7°32	24°28	13°56	17° 3	2°18	15°33	6°D10	7°39	23°45	22° 1	F 23
S 24	10 25 26	8°17'10	16°51	26°26	3°31	7° 8	24°36	14° 3	17° 1	2°20	15°32	6°10	7°36	23°52	22° 2	S 24
S 25	10 29 23	9°16'46	28°58	27° 8	3°48	6°45	24°44	14° 9	16°59	2°22	15°31	6°12	7°33	23°59	22° 4	S 25
M26	10 33 20	10°16'20	10♉56	27°43	4° 7	6°21	24°52	14°16	16°56	2°25	15°31	6°13	7°30	24° 5	22° 6	M26
T 27	10 37 16	11°15'51	22°48	28°10	4°28	5°58	24°59	14°23	16°54	2°27	15°30	6°15	7°26	24°12	22° 8	T 27
W28	10 41 13	12♓15'20	4♊38	28♓29	4♒51	5♍34	25♐ 7	14♈30	16♌52	2♓29	15♋29	6♈16	7♈23	24♉19	22♉ 9	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s22	26n20	4n29	16s48	1s42	10s28	8n22	9n49	4n 3	22s59	0n20	2n27	2s24	16n17	0n46	12s 0	1s 2	26n56	4n19	3n 1	3n31	21n34	16n 7	2s16
F 2	16 4	28 10	4 54	16 6	1 37	10 35	8 23	9 55	4 4	22 59	0 19	2 29	2 24	16 17	0 46	11 59	1 2	26 56	4 19	2 59	3 30	21 37	16 7	2 16
S 3	15 46	28 40	5 6	15 24	1 31	10 43	8 22	10 1	4 5	23 0	0 19	2 32	2 23	16 18	0 46	11 58	1 2	26 56	4 19	2 56	3 29	21 39	16 7	2 16
S 4	15 27	27 43	5 4	14 39	1 25	10 51	8 22	10 8	4 6	23 1	0 19	2 34	2 23	16 19	0 46	11 57	1 2	26 57	4 19	2 53	3 27	21 41	16 7	2 16
M 5	15 8	25 18	4 46	13 54	1 18	11 0	8 20	10 15	4 7	23 2	0 19	2 37	2 23	16 20	0 46	11 57	1 2	26 57	4 19	2 49	3 26	21 44	16 7	2 16
T 6	14 49	21 32	4 13	13 7	1 10	11 8	8 17	10 22	4 8	23 2	0 19	2 39	2 23	16 21	0 46	11 56	1 2	26 57	4 19	2 46	3 25	21 46	16 8	2 16
W 7	14 30	16 35	3 26	12 19	1 2	11 17	8 14	10 29	4 9	23 3	0 19	2 41	2 23	16 21	0 46	11 55	1 2	26 57	4 19	2 43	3 24	21 49	16 8	2 16
T 8	14 10	10 44	2 27	11 29	0 53	11 27	8 9	10 37	4 9	23 4	0 19	2 44	2 22	16 22	0 46	11 54	1 2	26 57	4 19	2 41	3 22	21 51	16 8	2 16
F 9	13 50	4 18	1 17	10 39	0 43	11 36	8 5	10 44	4 10	23 4	0 19	2 46	2 22	16 23	0 46	11 53	1 2	26 57	4 19	2 40	3 21	21 53	16 8	2 16
S 10	13 31	2s25	0 3	9 48	0 33	11 45	7 59	10 52	4 11	23 5	0 19	2 49	2 22	16 24	0 46	11 53	1 2	26 57	4 19	2 39	3 20	21 56	16 8	2 16
S 11	13 10	9 5	1s13	8 57	0 22	11 54	7 53	11 0	4 11	23 5	0 19	2 51	2 22	16 25	0 46	11 52	1 2	26 58	4 19	2 40	3 19	21 58	16 9	2 16
M12	12 50	15 19	2 24	8 5	0 11	12 4	7 47	11 8	4 11	23 6	0 19	2 54	2 22	16 25	0 46	11 51	1 2	26 58	4 19	2 40	3 17	22 0	16 9	2 16
T 13	12 29	20 46	3 27	7 13	0n 1	12 13	7 40	11 16	4 12	23 7	0 19	2 57	2 21	16 26	0 46	11 50	1 2	26 58	4 19	2 41	3 16	22 3	16 9	2 16
W14	12 8	25 3	4 18	6 22	0 14	12 22	7 32	11 24	4 12	23 7	0 19	2 59	2 21	16 27	0 46	11 49	1 2	26 58	4 19	2 41	3 15	22 5	16 10	2 16
T 15	11 48	27 48	4 52	5 31	0 26	12 31	7 24	11 32	4 12	23 8	0 19	3 2	2 21	16 28	0 46	11 48	1 2	26 58	4 19	2 40	3 14	22 8	16 10	2 16
F 16	11 26	28 46	5 9	4 41	0 40	12 39	7 16	11 41	4 12	23 8	0 19	3 4	2 21	16 29	0 46	11 48	1 2	26 58	4 19	2 39	3 12	22 10	16 10	2 16
S 17	11 5	27 52	5 8	3 52	0 53	12 48	7 8	11 49	4 12	23 9	0 19	3 7	2 21	16 29	0 46	11 47	1 2	26 58	4 19	2 37	3 11	22 12	16 11	2 16
S 18	10 43	25 15	4 48	3 5	1 7	12 56	6 59	11 57	4 12	23 9	0 19	3 10	2 20	16 30	0 46	11 46	1 2	26 58	4 19	2 35	3 10	22 15	16 11	2 16
M19	10 22	21 14	4 12	2 20	1 20	13 4	6 50	12 6	4 11	23 10	0 18	3 12	2 20	16 31	0 46	11 45	1 2	26 58	4 19	2 33	3 8	22 17	16 11	2 16
T 20	10 0	16 10	3 23	1 37	1 34	13 11	6 41	12 14	4 11	23 10	0 18	3 15	2 20	16 32	0 46	11 44	1 2	26 58	4 19	2 31	3 7	22 19	16 12	2 16
W21	9 38	10 27	2 23	0 56	1 47	13 18	6 31	12 23	4 10	23 11	0 18	3 18	2 20	16 32	0 46	11 44	1 2	26 59	4 19	2 29	3 6	22 22	16 12	2 16
T 22	9 16	4 25	1 17	0 18	2 1	13 25	6 22	12 31	4 10	23 11	0 18	3 21	2 20	16 33	0 46	11 43	1 2	26 59	4 19	2 28	3 5	22 24	16 12	2 16
F 23	8 54	1n40	0 9	0n16	2 13	13 32	6 12	12 39	4 9	23 11	0 18	3 23	2 20	16 34	0 46	11 42	1 2	26 59	4 19	2 28	3 3	22 26	16 13	2 16
S 24	8 31	7 34	0n58	0 48	2 26	13 38	6 2	12 47	4 8	23 12	0 18	3 26	2 20	16 35	0 46	11 41	1 2	26 59	4 19	2 28	3 2	22 28	16 13	2 16
S 25	8 9	13 5	2 2	1 15	2 37	13 43	5 53	12 55	4 7	23 12	0 18	3 29	2 19	16 35	0 46	11 40	1 2	26 59	4 19	2 29	3 1	22 31	16 14	2 16
M26	7 46	18 3	2 59	1 39	2 48	13 48	5 43	13 3	4 6	23 12	0 18	3 32	2 19	16 36	0 46	11 40	1 2	26 59	4 19	2 29	3 0	22 33	16 14	2 16
T 27	7 23	22 17	3 49	1 59	2 58	13 53	5 33	13 11	4 5	23 13	0 18	3 35	2 19	16 37	0 46	11 39	1 2	26 59	4 19	2 30	2 58	22 35	16 15	2 16
W28	7s 1	25n37	4n28	2n15	3n 7	13s58	5n23	13n18	4n 4	23s13	0n18	3n37	2s19	16n37	0n46	11s38	1s 2	26n59	4n19	2n30	2n57	22n38	16n15	2s16

Julian Day Number = 1977859.5, Delta T = 01h00m20s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'33, Lahiri = 5°47'33 Julian Calendar 1 Feb. 703 == Greg. Calendar 5 Feb. 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

MARCH 703 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 45 9	13♓14'47	16♊33	28♓39	5♒16	5°R11	25♐14	14♈37	16°R49	2♓31	15°R29	6°R16	7♈20	24♉25	22♉11	T 1
F 2	10 49 6	14°14'12	28°36	28°R42	5°42	4♍48	25°21	14°44	16♎47	2°34	15♋28	6♈16	7°17	24°32	22°13	F 2
S 3	10 53 2	15°13'34	10♋52	28°38	6° 9	4°26	25°28	14°51	16°45	2°36	15°28	6°14	7°14	24°39	22°15	S 3
S 4	10 56 59	16°12'54	23°25	28°25	6°39	4° 3	25°35	14°58	16°43	2°38	15°27	6°11	7°11	24°45	22°18	S 4
M 5	11 0 55	17°12'11	6♎18	28° 6	7°10	3°41	25°42	15° 6	16°41	2°40	15°26	6° 8	7° 7	24°52	22°20	M 5
T 6	11 4 52	18°11'26	19°33	27°41	7°42	3°20	25°49	15°13	16°38	2°42	15°26	6° 6	7° 4	24°59	22°22	T 6
W 7	11 8 49	19°10'39	3♍ 9	27° 9	8°16	2°58	25°55	15°20	16°36	2°45	15°25	6° 3	7° 1	25° 5	22°24	W 7
T 8	11 12 45	20° 9'49	17° 6	26°32	8°51	2°38	26° 1	15°27	16°34	2°47	15°25	6° 2	6°58	25°12	22°27	T 8
F 9	11 16 42	21° 8'58	1♎18	25°51	9°27	2°17	26° 7	15°34	16°32	2°49	15°25	6°D 1	6°55	25°19	22°29	F 9
S 10	11 20 38	22° 8'04	15°43	25° 7	10° 4	1°57	26°13	15°42	16°30	2°51	15°24	6° 1	6°51	25°26	22°31	S 10
S 11	11 24 35	23° 7'08	0♏14	24°20	10°43	1°38	26°19	15°49	16°28	2°53	15°24	6° 2	6°48	25°32	22°34	S 11
M12	11 28 31	24° 6'11	14°46	23°32	11°23	1°19	26°25	15°56	16°26	2°56	15°23	6° 3	6°45	25°39	22°36	M12
T 13	11 32 28	25° 5'12	29°13	22°43	12° 4	1° 1	26°31	16° 4	16°25	2°58	15°23	6° 4	6°42	25°46	22°39	T 13
W14	11 36 24	26° 4'11	13♐33	21°55	12°46	0°44	26°36	16°11	16°23	3° 0	15°23	6° 5	6°39	25°52	22°41	W14
T 15	11 40 21	27° 3'08	27°43	21° 8	13°29	0°27	26°41	16°19	16°21	3° 2	15°22	6°R 5	6°36	25°59	22°44	T 15
F 16	11 44 18	28° 2'04	11♑39	20°23	14°13	0°11	26°46	16°26	16°19	3° 4	15°22	6° 5	6°32	26° 6	22°47	F 16
S 17	11 48 14	29° 0'57	25°22	19°41	14°58	29♎55	26°51	16°34	16°17	3° 6	15°22	6° 4	6°29	26°12	22°50	S 17
S 18	11 52 11	29°59'49	8♒51	19° 2	15°44	29°40	26°56	16°41	16°16	3° 8	15°22	6° 3	6°26	26°19	22°52	S 18
M19	11 56 7	0♈58'39	22° 6	18°28	16°30	29°26	27° 0	16°49	16°14	3°10	15°21	6° 3	6°23	26°26	22°55	M19
T 20	12 0 4	1°57'27	5♓ 7	17°58	17°18	29°13	27° 5	16°56	16°12	3°12	15°21	6° 2	6°20	26°32	22°58	T 20
W21	12 4 0	2°56'13	17°55	17°33	18° 6	29° 0	27° 9	17° 4	16°11	3°14	15°21	6° 2	6°16	26°39	23° 1	W21
T 22	12 7 57	3°54'57	0♈29	17°13	18°55	28°49	27°13	17°12	16° 9	3°16	15°21	6°D 2	6°13	26°46	23° 4	T 22
F 23	12 11 53	4°53'39	12°52	16°58	19°45	28°37	27°17	17°19	16° 8	3°19	15°21	6° 2	6°10	26°53	23° 7	F 23
S 24	12 15 50	5°52'20	25° 3	16°49	20°36	28°27	27°20	17°27	16° 7	3°21	15°21	6°R 2	6° 7	26°59	23°10	S 24
S 25	12 19 46	6°50'58	7♉ 5	16°D44	21°27	28°18	27°24	17°35	16° 5	3°22	15°21	6° 2	6° 4	27° 6	23°13	S 25
M26	12 23 43	7°49'33	19° 0	16°45	22°19	28° 9	27°27	17°42	16° 4	3°24	15°D21	6° 1	6° 1	27°13	23°16	M26
T 27	12 27 40	8°48'07	0♊52	16°51	23°11	28° 1	27°30	17°50	16° 3	3°26	15°21	6° 1	5°57	27°19	23°19	T 27
W28	12 31 36	9°46'39	12°42	17° 2	24° 4	27°54	27°33	17°58	16° 1	3°28	15°21	6° 1	5°54	27°26	23°23	W28
T 29	12 35 33	10°45'08	24°36	17°18	24°58	27°48	27°36	18° 5	16° 0	3°30	15°21	6° 0	5°51	27°33	23°26	T 29
F 30	12 39 29	11°43'36	6♋38	17°38	25°52	27°42	27°39	18°13	15°59	3°32	15°21	6°D 0	5°48	27°39	23°29	F 30
S 31	12 43 26	12♈42'01	18♋52	18♓ 3	26♒46	27♎38	27♐41	18♈21	15♎58	3♓34	15♋21	6♈ 0	5♈45	27♉46	23♉32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s38	27n50	4n56	2n26	3n15	14s 1	5n13	13n26	4n 3	23s13	0n18	3n40	2s19	16n38	0n46	11s37	1s 2	26n59	4n19	2n30	2n56	22n40	16n16	2s16
F 2	6 15	28 48	5 12	2 34	3 22	14 5	5 3	13 33	4 1	23 14	0 18	3 43	2 19	16 39	0 46	11 36	1 2	26 59	4 19	2 30	2 55	22 42	16 16	2 16
S 3	5 52	28 22	5 14	2 36	3 27	14 8	4 53	13 40	4 0	23 14	0 18	3 46	2 19	16 39	0 46	11 36	1 2	26 59	4 19	2 29	2 53	22 44	16 17	2 16
S 4	5 29	26 30	5 1	2 35	3 30	14 10	4 44	13 47	3 58	23 14	0 18	3 49	2 18	16 40	0 46	11 35	1 2	26 59	4 19	2 28	2 52	22 47	16 17	2 16
M 5	5 5	23 13	4 33	2 29	3 32	14 12	4 34	13 53	3 56	23 15	0 18	3 52	2 18	16 41	0 46	11 34	1 2	26 59	4 19	2 27	2 51	22 49	16 18	2 15
T 6	4 42	18 41	3 49	2 19	3 33	14 13	4 24	14 0	3 55	23 15	0 18	3 55	2 18	16 41	0 46	11 33	1 2	26 59	4 18	2 26	2 50	22 51	16 19	2 15
W 7	4 19	13 5	2 52	2 5	3 31	14 14	4 15	14 6	3 53	23 15	0 18	3 57	2 18	16 42	0 46	11 32	1 3	26 59	4 18	2 25	2 48	22 53	16 19	2 15
T 8	3 55	6 42	1 43	1 48	3 28	14 14	4 5	14 12	3 51	23 16	0 17	4 0	2 18	16 42	0 46	11 32	1 3	26 59	4 18	2 25	2 47	22 56	16 20	2 15
F 9	3 32	0s 8	0 26	1 27	3 23	14 14	3 55	14 17	3 49	23 16	0 17	4 3	2 18	16 43	0 46	11 31	1 3	26 59	4 18	2 24	2 46	22 58	16 20	2 15
S 10	3 9	7 3	0s53	1 3	3 17	14 13	3 46	14 23	3 47	23 16	0 17	4 6	2 18	16 44	0 46	11 30	1 3	26 59	4 18	2 25	2 44	23 0	16 21	2 15
S 11	2 45	13 40	2 10	0 37	3 8	14 12	3 37	14 28	3 45	23 16	0 17	4 9	2 18	16 44	0 46	11 29	1 3	26 59	4 18	2 25	2 43	23 2	16 22	2 15
M12	2 22	19 32	3 18	0 9	2 59	14 10	3 27	14 32	3 42	23 16	0 17	4 12	2 18	16 45	0 46	11 28	1 3	26 59	4 18	2 25	2 42	23 4	16 22	2 15
T 13	1 58	24 15	4 14	0s21	2 47	14 7	3 18	14 37	3 40	23 17	0 17	4 15	2 17	16 45	0 46	11 28	1 3	26 59	4 18	2 26	2 41	23 7	16 23	2 15
W14	1 34	27 26	4 53	0 52	2 35	14 4	3 9	14 41	3 38	23 17	0 17	4 18	2 17	16 46	0 46	11 27	1 3	26 59	4 18	2 26	2 39	23 9	16 24	2 15
T 15	1 11	28 49	5 13	1 23	2 21	14 1	3 0	14 45	3 36	23 17	0 17	4 21	2 17	16 46	0 46	11 26	1 3	26 59	4 18	2 26	2 38	23 11	16 24	2 15
F 16	0 47	28 20	5 15	1 54	2 7	13 57	2 52	14 48	3 33	23 17	0 17	4 24	2 17	16 47	0 46	11 25	1 3	26 59	4 18	2 26	2 37	23 13	16 25	2 15
S 17	0 24	26 7	4 59	2 24	1 52	13 52	2 43	14 52	3 31	23 17	0 17	4 27	2 17	16 47	0 46	11 25	1 3	26 59	4 18	2 26	2 36	23 15	16 26	2 15
S 18	0 0	22 27	4 27	2 54	1 36	13 47	2 34	14 55	3 28	23 18	0 17	4 30	2 17	16 48	0 46	11 24	1 3	26 59	4 18	2 25	2 34	23 18	16 26	2 15
M19	0n23	17 42	3 40	3 22	1 20	13 41	2 26	14 57	3 26	23 18	0 17	4 33	2 17	16 48	0 46	11 23	1 3	26 59	4 18	2 25	2 33	23 20	16 27	2 15
T 20	0 47	12 14	2 43	3 48	1 4	13 35	2 17	15 0	3 23	23 18	0 17	4 36	2 17	16 49	0 45	11 23	1 3	26 59	4 18	2 25	2 32	23 22	16 28	2 15
W21	1 11	6 19	1 39	4 13	0 48	13 28	2 9	15 2	3 21	23 18	0 17	4 39	2 17	16 49	0 45	11 22	1 3	26 59	4 18	2 25	2 31	23 24	16 28	2 15
T 22	1 34	0 16	0 31	4 36	0 32	13 20	2 1	15 4	3 18	23 18	0 17	4 42	2 17	16 50	0 45	11 21	1 3	26 59	4 18	2 25	2 29	23 26	16 29	2 15
F 23	1 57	5n42	0n38	4 56	0 16	13 12	1 53	15 5	3 15	23 18	0 16	4 45	2 17	16 50	0 45	11 20	1 3	26 59	4 18	2 25	2 28	23 28	16 30	2 15
S 24	2 21	11 22	1 44	5 14	0 1	13 4	1 45	15 6	3 13	23 19	0 16	4 48	2 17	16 51	0 45	11 20	1 3	26 59	4 18	2 25	2 27	23 30	16 31	2 15
S 25	2 44	16 33	2 44	5 29	0s14	12 55	1 37	15 7	3 10	23 19	0 16	4 51	2 17	16 51	0 45	11 19	1 3	26 59	4 18	2 25	2 25	23 33	16 31	2 15
M26	3 8	21 4	3 36	5 42	0 28	12 46	1 30	15 8	3 7	23 19	0 16	4 54	2 17	16 51	0 45	11 18	1 3	26 59	4 18	2 25	2 24	23 35	16 32	2 16
T 27	3 31	24 42	4 19	5 53	0 42	12 35	1 22	15 8	3 5	23 19	0 16	4 57	2 16	16 52	0 45	11 18	1 3	26 59	4 18	2 24	2 23	23 37	16 33	2 16
W28	3 54	27 18	4 51	6 1	0 56	12 25	1 15	15 8	3 2	23 19	0 16	5 0	2 16	16 52	0 45	11 17	1 3	26 59	4 18	2 24	2 22	23 39	16 34	2 16
T 29	4 17	28 40	5 11	6 6	1 8	12 14	1 8	15 7	2 59	23 19	0 16	5 3	2 16	16 52	0 45	11 16	1 3	26 59	4 18	2 24	2 20	23 41	16 35	2 16
F 30	4 40	28 43	5 17	6 9	1 20	12 2	1 1	15 7	2 57	23 19	0 16	5 6	2 16	16 53	0 45	11 16	1 3	26 59	4 18	2 24	2 19	23 43	16 35	2 16
S 31	5n 3	27n22	5n 9	6s 9	1s31	11s50	0n54	15n 6	2n54	23s19	0n16	5n 9	2s16	16n53	0n45	11s15	1s 3	26n59	4n18	2n24	2n18	23n45	16n36	2s16

Julian Day Number = 1977887.5, Delta T = 01h00m20s
Ecliptic obliquity = 23°36'34, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'37, Lahiri = 5°47'37 Julian Calendar 1 March 703 == Greg. Calendar 5 March 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

APRIL 703 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 47 22	13♈40'24	1♌22	18♓32	27♒41	27°R34	27♐43	18♈28	15°R57	3♓36	15♋21	6♈ 1	5♈42	27♉53	23♉36	S 1
M 2	12 51 19	14°38'45	14°14	19° 6	28°37	27♌31	27°45	18°36	15♌56	3°38	15°21	6° 1	5°38	27°59	23°39	M 2
T 3	12 55 15	15°37'03	27°28	19°43	29°33	27°28	27°47	18°44	15°55	3°39	15°22	6° 2	5°35	28° 6	23°43	T 3
W 4	12 59 12	16°35'20	11♍ 8	20°24	0♓30	27°27	27°49	18°52	15°54	3°41	15°22	6° 3	5°32	28°13	23°46	W 4
T 5	13 3 9	17°33'34	25°14	21° 9	1°27	27°26	27°50	18°59	15°53	3°43	15°22	6° 3	5°29	28°20	23°49	T 5
F 6	13 7 5	18°31'46	9♎41	21°57	2°24	27°D26	27°52	19° 7	15°52	3°45	15°22	6°R 4	5°26	28°26	23°53	F 6
S 7	13 11 2	19°29'57	24°27	22°49	3°22	27°27	27°53	19°15	15°52	3°47	15°23	6° 3	5°22	28°33	23°56	S 7
S 8	13 14 58	20°28'06	9♏22	23°44	4°21	27°28	27°54	19°23	15°51	3°48	15°23	6° 2	5°19	28°40	24° 0	S 8
M 9	13 18 55	21°26'13	24°20	24°42	5°19	27°30	27°54	19°30	15°50	3°50	15°23	6° 0	5°16	28°46	24° 4	M 9
T 10	13 22 51	22°24'19	9♐12	25°43	6°18	27°33	27°55	19°38	15°50	3°52	15°24	5°58	5°13	28°53	24° 7	T 10
W11	13 26 48	23°22'23	23°51	26°46	7°18	27°37	27°55	19°46	15°49	3°53	15°24	5°56	5°10	29° 0	24°11	W11
T 12	13 30 44	24°20'26	8♑12	27°53	8°18	27°41	27°R56	19°54	15°49	3°55	15°25	5°55	5° 7	29° 6	24°15	T 12
F 13	13 34 41	25°18'27	22°12	29° 2	9°18	27°46	27°56	20° 1	15°48	3°56	15°25	5°D54	5° 3	29°13	24°18	F 13
S 14	13 38 38	26°16'27	5♒50	0♈14	10°18	27°52	27°55	20° 9	15°48	3°58	15°26	5°55	5° 0	29°20	24°22	S 14
S 15	13 42 34	27°14'26	19° 7	1°28	11°19	27°58	27°55	20°17	15°48	4° 0	15°26	5°56	4°57	29°26	24°26	S 15
M16	13 46 31	28°12'23	2♓ 6	2°45	12°20	28° 5	27°54	20°25	15°47	4° 1	15°27	5°57	4°54	29°33	24°30	M16
T 17	13 50 27	29°10'19	14°48	4° 4	13°22	28°13	27°54	20°32	15°47	4° 3	15°27	5°58	4°51	29°40	24°33	T 17
W18	13 54 24	0♉ 8'13	27°17	5°25	14°23	28°21	27°53	20°40	15°47	4° 4	15°28	6° 0	4°48	29°47	24°37	W18
T 19	13 58 20	1° 6'06	9♈34	6°49	15°25	28°30	27°52	20°48	15°47	4° 5	15°28	6°R 0	4°44	29°53	24°41	T 19
F 20	14 2 17	2° 3'57	21°42	8°15	16°28	28°40	27°50	20°55	15°47	4° 7	15°29	5°59	4°41	29°59	24°45	F 20
S 21	14 6 13	3° 1'47	3♉43	9°43	17°30	28°50	27°49	21° 3	15°D47	4° 8	15°30	5°56	4°38	0♊ 7	24°49	S 21
S 22	14 10 10	3°59'36	15°39	11°13	18°33	29° 1	27°47	21°11	15°47	4°10	15°30	5°53	4°35	0°13	24°53	S 22
M23	14 14 7	4°57'23	27°31	12°46	19°36	29°12	27°45	21°18	15°47	4°11	15°31	5°48	4°32	0°20	24°57	M23
T 24	14 18 3	5°55'08	9♊21	14°21	20°39	29°24	27°43	21°26	15°47	4°12	15°32	5°43	4°28	0°27	25° 1	T 24
W25	14 22 0	6°52'52	21°13	15°57	21°42	29°36	27°41	21°33	15°47	4°14	15°32	5°38	4°25	0°33	25° 5	W25
T 26	14 25 56	7°50'35	3♋ 7	17°36	22°46	29°50	27°38	21°41	15°47	4°15	15°33	5°33	4°22	0°40	25° 9	T 26
F 27	14 29 53	8°48'16	15° 9	19°18	23°50	0♍ 3	27°36	21°49	15°48	4°16	15°34	5°29	4°19	0°47	25°13	F 27
S 28	14 33 49	9°45'55	27°22	21° 1	24°54	0°17	27°33	21°56	15°48	4°17	15°35	5°27	4°16	0°54	25°17	S 28
S 29	14 37 46	10°43'32	9♌49	22°46	25°58	0°32	27°30	22° 4	15°49	4°18	15°36	5°D26	4°13	1° 0	25°21	S 29
M30	14 41 42	11♉41'08	22♌35	24♈34	27♓ 3	0♍47	27♐27	22♈11	15♌49	4♓20	15♋37	5♈27	4♈ 9	1♊ 7	25♉25	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n26	24n39	4n47	6s 7	1s42	11s38	0n47	15n 5	2n51	23s20	0n16	5n12	2s16	16n53	0n45	11s14	1s 3	26n59	4n17	2n24	2n17	23n47	16n37	2s16
M 2	5 49	20 39	4 9	6 3	1 51	11 25	0 40	15 3	2 48	23 20	0 16	5 15	2 16	16 53	0 45	11 14	1 3	26 59	4 17	2 24	2 15	23 49	16 38	2 16
T 3	6 11	15 32	3 18	5 57	2 0	11 11	0 34	15 2	2 46	23 20	0 16	5 18	2 16	16 54	0 45	11 13	1 3	26 59	4 17	2 25	2 14	23 51	16 39	2 16
W 4	6 34	9 30	2 14	5 48	2 9	10 57	0 27	15 0	2 43	23 20	0 16	5 20	2 16	16 54	0 45	11 12	1 3	26 59	4 17	2 25	2 13	23 54	16 39	2 16
T 5	6 56	2 49	1 0	5 37	2 16	10 43	0 21	14 57	2 40	23 20	0 15	5 23	2 16	16 54	0 45	11 12	1 3	26 59	4 17	2 25	2 12	23 56	16 40	2 16
F 6	7 19	4s10	0s20	5 24	2 23	10 28	0 15	14 55	2 38	23 20	0 15	5 26	2 16	16 54	0 45	11 11	1 3	26 58	4 17	2 25	2 10	23 58	16 41	2 16
S 7	7 41	11 5	1 40	5 9	2 29	10 13	0 8	14 52	2 35	23 20	0 15	5 29	2 16	16 55	0 45	11 11	1 3	26 58	4 17	2 25	2 9	24 0	16 42	2 16
S 8	8 3	17 28	2 54	4 52	2 35	9 57	0 3	14 49	2 32	23 20	0 15	5 32	2 16	16 55	0 45	11 10	1 3	26 58	4 17	2 25	2 8	24 2	16 43	2 16
M 9	8 25	22 48	3 56	4 34	2 40	9 41	0s 3	14 46	2 30	23 20	0 15	5 35	2 16	16 55	0 45	11 9	1 3	26 58	4 17	2 24	2 6	24 4	16 44	2 16
T 10	8 47	26 38	4 42	4 13	2 44	9 24	0 9	14 42	2 27	23 21	0 15	5 38	2 16	16 55	0 45	11 9	1 3	26 58	4 17	2 23	2 5	24 6	16 44	2 16
W11	9 9	28 36	5 9	3 51	2 47	9 7	0 14	14 39	2 25	23 21	0 15	5 41	2 16	16 55	0 45	11 8	1 3	26 58	4 17	2 23	2 4	24 8	16 45	2 16
T 12	9 30	28 36	5 15	3 27	2 50	8 49	0 20	14 35	2 22	23 21	0 15	5 44	2 16	16 55	0 45	11 8	1 4	26 58	4 17	2 22	2 3	24 10	16 46	2 16
F 13	9 51	26 45	5 3	3 1	2 52	8 32	0 25	14 31	2 20	23 21	0 15	5 47	2 16	16 55	0 45	11 7	1 4	26 58	4 17	2 22	2 1	24 12	16 47	2 16
S 14	10 13	23 22	4 34	2 33	2 54	8 13	0 30	14 26	2 17	23 21	0 15	5 50	2 16	16 55	0 45	11 7	1 4	26 58	4 17	2 22	2 0	24 14	16 48	2 16
S 15	10 34	18 50	3 50	2 5	2 54	7 55	0 35	14 22	2 14	23 21	0 15	5 53	2 16	16 56	0 45	11 6	1 4	26 58	4 17	2 22	1 59	24 16	16 49	2 16
M16	10 55	13 32	2 56	1 34	2 55	7 36	0 40	14 17	2 12	23 21	0 15	5 56	2 16	16 56	0 45	11 6	1 4	26 58	4 17	2 23	1 58	24 18	16 50	2 16
T 17	11 15	7 47	1 54	1 2	2 54	7 17	0 45	14 12	2 10	23 21	0 14	5 59	2 16	16 56	0 45	11 5	1 4	26 57	4 17	2 23	1 56	24 20	16 50	2 16
W18	11 36	1 49	0 48	0 29	2 53	6 57	0 50	14 7	2 7	23 21	0 14	6 1	2 16	16 56	0 45	11 5	1 4	26 57	4 17	2 24	1 55	24 22	16 51	2 16
T 19	11 56	4n 7	0n20	0n 6	2 51	6 37	0 54	14 1	2 5	23 21	0 14	6 4	2 16	16 56	0 45	11 4	1 4	26 57	4 17	2 24	1 54	24 24	16 52	2 16
F 20	12 17	9 50	1 25	0 42	2 49	6 17	0 58	13 56	2 2	23 21	0 14	6 7	2 16	16 56	0 44	11 4	1 4	26 57	4 17	2 23	1 53	24 26	16 53	2 16
S 21	12 37	15 8	2 26	1 20	2 46	5 56	1 3	13 50	2 0	23 21	0 14	6 10	2 16	16 56	0 44	11 3	1 4	26 57	4 17	2 23	1 51	24 28	16 54	2 16
S 22	12 56	19 50	3 20	1 58	2 43	5 35	1 7	13 44	1 58	23 21	0 14	6 13	2 16	16 56	0 44	11 3	1 4	26 57	4 17	2 21	1 50	24 30	16 55	2 17
M23	13 16	23 43	4 5	2 38	2 39	5 14	1 11	13 38	1 55	23 22	0 14	6 16	2 16	16 55	0 44	11 2	1 4	26 57	4 17	2 19	1 49	24 32	16 56	2 17
T 24	13 35	26 37	4 40	3 19	2 34	4 52	1 14	13 31	1 53	23 22	0 14	6 19	2 16	16 55	0 44	11 2	1 4	26 57	4 17	2 17	1 47	24 33	16 57	2 17
W25	13 54	28 20	5 2	4 2	2 29	4 30	1 18	13 25	1 51	23 22	0 14	6 21	2 16	16 55	0 44	11 1	1 4	26 56	4 16	2 15	1 46	24 35	16 58	2 17
T 26	14 13	28 46	5 11	4 45	2 24	4 8	1 22	13 18	1 48	23 22	0 14	6 24	2 16	16 55	0 44	11 1	1 4	26 56	4 16	2 13	1 45	24 37	16 58	2 17
F 27	14 32	27 50	5 7	5 29	2 18	3 46	1 25	13 11	1 46	23 22	0 13	6 27	2 16	16 55	0 44	11 0	1 4	26 56	4 16	2 12	1 44	24 39	16 59	2 17
S 28	14 51	25 34	4 49	6 14	2 11	3 24	1 29	13 4	1 44	23 22	0 13	6 30	2 17	16 55	0 44	11 0	1 4	26 56	4 16	2 11	1 42	24 41	17 0	2 17
S 29	15 9	22 3	4 18	7 0	2 4	3 1	1 32	12 57	1 42	23 22	0 13	6 32	2 17	16 55	0 44	11 0	1 4	26 56	4 16	2 10	1 41	24 43	17 1	2 17
M30	15n27	17n25	3n32	7n47	1s56	2s38	1s35	12n49	1n40	23s22	0n13	6n35	2s17	16n55	0n44	10s59	1s 4	26n56	4n16	2n11	1n40	24n45	17n 2	2s17

Julian Day Number = 1977918.5, Delta T = 01h00m19s
Ecliptic obliquity = 23°36'34, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'41, Lahiri = 5°47'41 Julian Calendar 1 Apr. 703 == Greg. Calendar 5 Apr. 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

MAY 703 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 45 39	12♉38'43	5♍44	26♈24	28♓ 7	1♍ 3	27°R23	22♈19	15♌50	4♓21	15♋37	5♈28	4♈ 6	1♊14	25♉29	T 1
W 2	14 49 36	13°36'16	19°19	28°15	29°12	1°19	27♐20	22°26	15°50	4°22	15°38	5°29	4° 3	1°20	25°33	W 2
T 3	14 53 32	14°33'47	3♎22	0♉ 9	0♈17	1°36	27°16	22°33	15°51	4°23	15°39	5°R30	4° 0	1°27	25°37	T 3
F 4	14 57 29	15°31'17	17°51	2° 5	1°22	1°53	27°12	22°41	15°51	4°24	15°40	5°29	3°57	1°34	25°41	F 4
S 5	15 1 25	16°28'46	2♏44	4° 3	2°28	2°11	27° 8	22°48	15°52	4°25	15°41	5°27	3°54	1°40	25°45	S 5
S 6	15 5 22	17°26'13	17°52	6° 3	3°33	2°29	27° 4	22°55	15°53	4°26	15°42	5°23	3°50	1°47	25°49	S 6
M 7	15 9 18	18°23'40	3♐ 7	8° 5	4°39	2°47	27° 0	23° 3	15°54	4°27	15°43	5°17	3°47	1°54	25°53	M 7
T 8	15 13 15	19°21'05	18°18	10° 9	5°45	3° 6	26°55	23°10	15°55	4°28	15°44	5°11	3°44	2° 1	25°57	T 8
W 9	15 17 11	20°18'30	3♑16	12°14	6°51	3°26	26°51	23°17	15°56	4°28	15°45	5° 5	3°41	2° 7	26° 1	W 9
T 10	15 21 8	21°15'54	17°51	14°21	7°57	3°45	26°46	23°24	15°57	4°29	15°46	5° 0	3°38	2°14	26° 6	T 10
F 11	15 25 5	22°13'17	2♒ 1	16°30	9° 3	4° 6	26°41	23°32	15°58	4°30	15°47	4°56	3°34	2°21	26°10	F 11
S 12	15 29 1	23°10'40	15°43	18°39	10°10	4°26	26°36	23°39	15°59	4°31	15°49	4°54	3°31	2°27	26°14	S 12
S 13	15 32 58	24° 8'01	28°59	20°50	11°16	4°47	26°31	23°46	16° 0	4°32	15°50	4°D54	3°28	2°34	26°18	S 13
M14	15 36 54	25° 5'22	11♓51	23° 1	12°23	5° 9	26°25	23°53	16° 1	4°32	15°51	4°55	3°25	2°41	26°22	M14
T 15	15 40 51	26° 2'43	24°24	25°13	13°30	5°30	26°20	24° 0	16° 2	4°33	15°52	4°56	3°22	2°48	26°26	T 15
W16	15 44 47	27° 0'03	6♈41	27°25	14°37	5°52	26°14	24° 7	16° 4	4°34	15°53	4°R56	3°19	2°54	26°30	W16
T 17	15 48 44	27°57'22	18°48	29°37	15°44	6°15	26° 8	24°14	16° 5	4°34	15°54	4°55	3°15	3° 1	26°35	T 17
F 18	15 52 40	28°54'41	0♉46	1♊48	16°51	6°38	26° 2	24°21	16° 7	4°35	15°56	4°52	3°12	3° 8	26°39	F 18
S 19	15 56 37	29°51'59	12°39	3°59	17°59	7° 1	25°56	24°27	16° 8	4°36	15°57	4°47	3° 9	3°14	26°43	S 19
S 20	16 0 34	0♊49'16	24°30	6° 9	19° 6	7°25	25°50	24°34	16°10	4°36	15°58	4°39	3° 6	3°21	26°47	S 20
M21	16 4 30	1°46'33	6♊21	8°18	20°14	7°49	25°44	24°41	16°11	4°37	15°59	4°29	3° 3	3°28	26°51	M21
T 22	16 8 27	2°43'49	18°13	10°26	21°22	8°13	25°37	24°48	16°13	4°37	16° 1	4°18	2°59	3°34	26°55	T 22
W23	16 12 23	3°41'05	0♋ 7	12°32	22°29	8°37	25°31	24°54	16°14	4°37	16° 2	4° 7	2°56	3°41	26°59	W23
T 24	16 16 20	4°38'20	12° 6	14°37	23°37	9° 2	25°24	25° 1	16°16	4°38	16° 3	3°57	2°53	3°48	27° 4	T 24
F 25	16 20 16	5°35'34	24°12	16°39	24°45	9°27	25°17	25° 7	16°18	4°38	16° 5	3°48	2°50	3°55	27° 8	F 25
S 26	16 24 13	6°32'47	6♌27	18°40	25°54	9°53	25°10	25°14	16°20	4°39	16° 6	3°42	2°47	4° 1	27°12	S 26
S 27	16 28 10	7°30'00	18°54	20°39	27° 2	10°19	25° 3	25°20	16°21	4°39	16° 8	3°38	2°44	4° 8	27°16	S 27
M28	16 32 6	8°27'12	1♍38	22°36	28°10	10°45	24°56	25°27	16°23	4°39	16° 9	3°36	2°40	4°15	27°20	M28
T 29	16 36 3	9°24'23	14°42	24°30	29°19	11°11	24°49	25°33	16°25	4°39	16°10	3°D36	2°37	4°21	27°24	T 29
W30	16 39 59	10°21'34	28°10	26°23	0♉27	11°38	24°42	25°39	16°27	4°40	16°12	3°R37	2°34	4°28	27°28	W30
T 31	16 43 56	11♊18'43	12♎ 3	28♊13	1♉36	12♍ 5	24♐35	25♈46	16♌29	4♓40	16♋13	3♈37	2♈31	4♊35	27♉32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n45	11n52	2n35	8n35	1s48	2s15	1s38	12n42	1n37	23s22	0n13	6n38	2s17	16n54	0n44	10s59	1s 4	26n56	4n16	2n11	1n39	24n47	17n 3	2s17
W 2	16 2	5 35	1 27	9 23	1 40	1 51	1 41	12 34	1 35	23 22	0 13	6 41	2 17	16 54	0 44	10 59	1 4	26 56	4 16	2 12	1 37	24 49	17 4	2 17
T 3	16 19	1s10	0 12	10 12	1 31	1 28	1 43	12 26	1 33	23 22	0 13	6 43	2 17	16 54	0 44	10 58	1 4	26 55	4 16	2 12	1 36	24 51	17 5	2 17
F 4	16 36	8 5	1s 7	11 1	1 21	1 4	1 46	12 18	1 31	23 22	0 13	6 46	2 17	16 54	0 44	10 58	1 4	26 55	4 16	2 12	1 35	24 52	17 5	2 17
S 5	16 53	14 44	2 22	11 50	1 12	0 40	1 48	12 9	1 29	23 22	0 13	6 49	2 17	16 53	0 44	10 58	1 4	26 55	4 16	2 11	1 33	24 54	17 6	2 18
S 6	17 9	20 37	3 29	12 40	1 2	0 16	1 51	12 1	1 27	23 22	0 13	6 51	2 17	16 53	0 44	10 57	1 4	26 55	4 16	2 9	1 32	24 56	17 7	2 18
M 7	17 26	25 12	4 22	13 29	0 52	0n 8	1 53	11 52	1 25	23 22	0 12	6 54	2 17	16 53	0 44	10 57	1 5	26 55	4 16	2 7	1 31	24 58	17 8	2 18
T 8	17 41	28 0	4 55	14 19	0 41	0 32	1 55	11 44	1 23	23 22	0 12	6 57	2 17	16 53	0 44	10 57	1 5	26 55	4 16	2 4	1 30	25 0	17 9	2 18
W 9	17 57	28 42	5 8	15 8	0 31	0 57	1 57	11 35	1 21	23 22	0 12	6 59	2 17	16 52	0 44	10 56	1 5	26 55	4 16	2 2	1 28	25 2	17 10	2 18
T 10	18 12	27 23	5 1	15 57	0 20	1 21	1 59	11 26	1 19	23 22	0 12	7 2	2 17	16 52	0 44	10 56	1 5	26 54	4 16	2 0	1 27	25 4	17 11	2 18
F 11	18 27	24 19	4 35	16 44	0 9	1 46	2 1	11 16	1 17	23 22	0 12	7 4	2 17	16 52	0 44	10 56	1 5	26 54	4 16	1 58	1 26	25 5	17 12	2 18
S 12	18 42	19 57	3 54	17 31	0n 1	2 11	2 2	11 7	1 15	23 22	0 12	7 7	2 18	16 51	0 44	10 56	1 5	26 54	4 16	1 58	1 25	25 7	17 12	2 18
S 13	18 56	14 44	3 1	18 17	0 12	2 36	2 4	10 58	1 13	23 22	0 12	7 9	2 18	16 51	0 44	10 55	1 5	26 54	4 16	1 58	1 23	25 9	17 13	2 18
M14	19 10	9 2	2 1	19 1	0 22	3 1	2 5	10 48	1 12	23 22	0 12	7 12	2 18	16 50	0 44	10 55	1 5	26 54	4 16	1 58	1 22	25 11	17 14	2 18
T 15	19 24	3 6	0 57	19 44	0 33	3 26	2 6	10 38	1 10	23 22	0 11	7 14	2 18	16 50	0 44	10 55	1 5	26 54	4 16	1 58	1 21	25 13	17 15	2 18
W16	19 38	2n49	0n 9	20 25	0 43	3 51	2 8	10 28	1 8	23 22	0 11	7 17	2 18	16 50	0 44	10 55	1 5	26 53	4 16	1 59	1 19	25 14	17 16	2 19
T 17	19 51	8 33	1 14	21 3	0 52	4 16	2 9	10 18	1 6	23 22	0 11	7 19	2 18	16 49	0 43	10 55	1 5	26 53	4 16	1 58	1 18	25 16	17 17	2 19
F 18	20 3	13 55	2 14	21 40	1 1	4 41	2 10	10 8	1 4	23 22	0 11	7 22	2 18	16 49	0 43	10 54	1 5	26 53	4 16	1 57	1 17	25 18	17 18	2 19
S 19	20 16	18 43	3 8	22 14	1 10	5 6	2 10	9 58	1 3	23 22	0 11	7 24	2 18	16 48	0 43	10 54	1 5	26 53	4 16	1 55	1 16	25 20	17 18	2 19
S 20	20 28	22 48	3 53	22 46	1 18	5 31	2 11	9 47	1 1	23 22	0 11	7 26	2 18	16 48	0 43	10 54	1 5	26 53	4 16	1 51	1 14	25 22	17 19	2 19
M21	20 40	25 56	4 28	23 15	1 25	5 56	2 12	9 37	0 59	23 22	0 11	7 29	2 19	16 47	0 43	10 54	1 5	26 53	4 16	1 48	1 13	25 23	17 20	2 19
T 22	20 51	27 56	4 52	23 41	1 32	6 21	2 12	9 26	0 57	23 22	0 11	7 31	2 19	16 47	0 43	10 54	1 5	26 52	4 16	1 43	1 12	25 25	17 21	2 19
W23	21 2	28 39	5 3	24 5	1 38	6 46	2 13	9 15	0 56	23 21	0 10	7 33	2 19	16 46	0 43	10 54	1 5	26 52	4 16	1 39	1 11	25 27	17 22	2 19
T 24	21 13	28 2	5 1	24 26	1 43	7 11	2 13	9 4	0 54	23 21	0 10	7 36	2 19	16 46	0 43	10 54	1 5	26 52	4 16	1 35	1 9	25 28	17 23	2 20
F 25	21 23	26 6	4 45	24 44	1 48	7 36	2 13	8 53	0 52	23 21	0 10	7 38	2 19	16 45	0 43	10 53	1 5	26 52	4 16	1 31	1 8	25 30	17 23	2 20
S 26	21 33	22 55	4 16	24 59	1 52	8 0	2 13	8 42	0 51	23 21	0 10	7 40	2 19	16 44	0 43	10 53	1 5	26 52	4 16	1 29	1 7	25 32	17 24	2 20
S 27	21 43	18 39	3 34	25 12	1 55	8 25	2 13	8 31	0 49	23 21	0 10	7 43	2 19	16 44	0 43	10 53	1 5	26 52	4 16	1 27	1 6	25 34	17 25	2 20
M28	21 52	13 29	2 42	25 22	1 58	8 50	2 13	8 19	0 48	23 21	0 10	7 45	2 19	16 43	0 43	10 53	1 5	26 51	4 16	1 27	1 4	25 35	17 26	2 20
T 29	22 1	7 35	1 39	25 29	2 0	9 14	2 13	8 8	0 46	23 21	0 10	7 47	2 20	16 43	0 43	10 53	1 6	26 51	4 16	1 27	1 3	25 37	17 27	2 20
W30	22 10	1 11	0 29	25 34	2 1	9 38	2 13	7 56	0 44	23 21	0 10	7 49	2 20	16 42	0 43	10 53	1 6	26 51	4 16	1 27	1 2	25 39	17 27	2 20
T 31	22n18	5s29	0s45	25n37	2n 1	10n 3	2s12	7n44	0n43	23s20	0n 9	7n51	2s20	16n41	0n43	10s53	1s 6	26n51	4n16	1n27	1n 0	25n40	17n28	2s21

Julian Day Number = 1977948.5, Delta T = 01h00m18s
Ecliptic obliquity = 23°36'34, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'45, Lahiri = 5°47'46 Julian Calendar 1 May 703 == Greg. Calendar 5 May 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

JUNE 703 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 47 52	12♊15'53	26♎24	0♋ 1	2♉44	12♍32	24°R28	25♈52	16♌31	4♓40	16♋15	3°R35	2♈28	4♊42	27♉36	F 1
S 2	16 51 49	13°13'01	11♏10	1°47	3°53	13° 0	24♐20	25°58	16°33	4°40	16°16	3♈31	2°25	4°48	27°40	S 2
S 3	16 55 45	14°10'10	26°15	3°31	5° 2	13°28	24°13	26° 4	16°36	4°40	16°18	3°24	2°21	4°55	27°44	S 3
M 4	16 59 42	15° 7'18	11♐32	5°12	6°11	13°56	24° 5	26°10	16°38	4°40	16°19	3°15	2°18	5° 2	27°48	M 4
T 5	17 3 39	16° 4'26	26°49	6°51	7°20	14°24	23°58	26°16	16°40	4°R40	16°21	3° 5	2°15	5° 8	27°52	T 5
W 6	17 7 35	17° 1'34	11♑55	8°28	8°29	14°53	23°50	26°22	16°42	4°40	16°22	2°56	2°12	5°15	27°56	W 6
T 7	17 11 32	17°58'42	26°41	10° 2	9°38	15°21	23°43	26°28	16°45	4°40	16°24	2°47	2° 9	5°22	28° 0	T 7
F 8	17 15 28	18°55'49	11♒ 0	11°34	10°48	15°51	23°35	26°34	16°47	4°40	16°25	2°40	2° 6	5°28	28° 4	F 8
S 9	17 19 25	19°52'57	24°49	13° 4	11°57	16°20	23°27	26°39	16°49	4°40	16°27	2°36	2° 2	5°35	28° 8	S 9
S 10	17 23 21	20°50'06	8♓ 9	14°32	13° 7	16°49	23°20	26°45	16°52	4°40	16°28	2°34	1°59	5°42	28°12	S 10
M11	17 27 18	21°47'14	21° 2	15°57	14°16	17°19	23°12	26°50	16°54	4°39	16°30	2°D33	1°56	5°49	28°16	M11
T 12	17 31 14	22°44'23	3♈34	17°20	15°26	17°49	23° 4	26°56	16°57	4°39	16°31	2°R33	1°53	5°55	28°20	T 12
W13	17 35 11	23°41'32	15°48	18°40	16°35	18°19	22°57	27° 1	16°59	4°39	16°33	2°33	1°50	6° 2	28°24	W13
T 14	17 39 8	24°38'41	27°49	19°58	17°45	18°50	22°49	27° 7	17° 2	4°39	16°35	2°31	1°46	6° 9	28°28	T 14
F 15	17 43 4	25°35'51	9♉44	21°13	18°55	19°20	22°41	27°12	17° 5	4°38	16°36	2°26	1°43	6°15	28°32	F 15
S 16	17 47 1	26°33'01	21°34	22°26	20° 5	19°51	22°34	27°17	17° 7	4°38	16°38	2°19	1°40	6°22	28°35	S 16
S 17	17 50 57	27°30'12	3♊24	23°37	21°15	20°22	22°26	27°22	17°10	4°38	16°39	2° 9	1°37	6°29	28°39	S 17
M18	17 54 54	28°27'23	15°15	24°44	22°25	20°54	22°18	27°27	17°13	4°37	16°41	1°57	1°34	6°36	28°43	M18
T 19	17 58 50	29°24'34	27°11	25°49	23°35	21°25	22°11	27°32	17°15	4°37	16°43	1°43	1°31	6°42	28°47	T 19
W20	18 2 47	0♋21'46	9♋12	26°51	24°46	21°57	22° 3	27°37	17°18	4°36	16°44	1°29	1°27	6°49	28°50	W20
T 21	18 6 43	1°18'58	21°19	27°50	25°56	22°29	21°56	27°42	17°21	4°36	16°46	1°16	1°24	6°56	28°54	T 21
F 22	18 10 40	2°16'10	3♌34	28°45	27° 6	23° 1	21°48	27°47	17°24	4°35	16°48	1° 5	1°21	7° 2	28°58	F 22
S 23	18 14 37	3°13'23	15°58	29°38	28°17	23°33	21°41	27°52	17°27	4°35	16°49	0°57	1°18	7° 9	29° 1	S 23
S 24	18 18 33	4°10'35	28°33	0♌27	29°27	24° 6	21°33	27°56	17°30	4°34	16°51	0°51	1°15	7°16	29° 5	S 24
M25	18 22 30	5° 7'48	11♍21	1°13	0♊38	24°39	21°26	28° 1	17°33	4°33	16°53	0°49	1°12	7°23	29° 9	M25
T 26	18 26 26	6° 5'01	24°26	1°56	1°48	25°11	21°19	28° 5	17°36	4°33	16°54	0°48	1° 8	7°29	29°12	T 26
W27	18 30 23	7° 2'14	7♎50	2°34	2°59	25°44	21°12	28°10	17°39	4°32	16°56	0°48	1° 5	7°36	29°16	W27
T 28	18 34 19	7°59'28	21°36	3° 9	4°10	26°18	21° 4	28°14	17°42	4°31	16°58	0°47	1° 2	7°43	29°19	T 28
F 29	18 38 16	8°56'42	5♏45	3°39	5°21	26°51	20°57	28°18	17°45	4°31	16°59	0°45	0°59	7°49	29°23	F 29
S 30	18 42 12	9♋53'56	20♏17	4♌ 5	6♊32	27♍25	20♐50	28♈22	17♌48	4♓30	17♋ 1	0♈41	0♈56	7♊56	29♉26	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n25	12s 5	1s58	25n37	2n 1	10n27	2s12	7n32	0n41	23s20	0n 9	7n53	2s20	16n41	0n43	10s53	1s 6	26n51	4n16	1n26	0n59	25n42	17n29	2s21
S 2	22 33	18 13	3 5	25 36	2 0	10 51	2 11	7 20	0 40	23 20	0 9	7 55	2 20	16 40	0 43	10 53	1 6	26 51	4 16	1 24	0 58	25 44	17 30	2 21
S 3	22 40	23 21	4 1	25 32	1 58	11 14	2 11	7 8	0 38	23 20	0 9	7 57	2 20	16 39	0 43	10 53	1 6	26 50	4 16	1 22	0 57	25 45	17 30	2 21
M 4	22 46	26 57	4 40	25 26	1 56	11 38	2 10	6 56	0 37	23 20	0 9	7 59	2 21	16 39	0 43	10 53	1 6	26 50	4 16	1 18	0 55	25 47	17 31	2 21
T 5	22 52	28 34	5 0	25 19	1 53	12 1	2 9	6 44	0 35	23 20	0 9	8 1	2 21	16 38	0 43	10 53	1 6	26 50	4 16	1 14	0 54	25 49	17 32	2 21
W 6	22 58	28 1	4 58	25 9	1 49	12 25	2 8	6 31	0 34	23 19	0 9	8 3	2 21	16 37	0 43	10 53	1 6	26 50	4 16	1 10	0 53	25 50	17 33	2 21
T 7	23 4	25 29	4 36	24 58	1 45	12 48	2 7	6 19	0 33	23 19	0 8	8 5	2 21	16 37	0 43	10 53	1 6	26 50	4 16	1 7	0 52	25 52	17 33	2 22
F 8	23 9	21 23	3 57	24 46	1 40	13 10	2 6	6 6	0 31	23 19	0 8	8 7	2 21	16 36	0 43	10 53	1 6	26 49	4 16	1 4	0 50	25 54	17 34	2 22
S 9	23 13	16 15	3 6	24 32	1 35	13 33	2 5	5 53	0 30	23 19	0 8	8 9	2 21	16 35	0 43	10 54	1 6	26 49	4 16	1 2	0 49	25 55	17 35	2 22
S 10	23 17	10 30	2 5	24 17	1 29	13 55	2 4	5 40	0 28	23 18	0 8	8 11	2 22	16 34	0 43	10 54	1 6	26 49	4 16	1 2	0 48	25 57	17 36	2 22
M11	23 21	4 30	1 1	24 0	1 22	14 17	2 2	5 27	0 27	23 18	0 8	8 13	2 22	16 33	0 43	10 54	1 6	26 49	4 16	1 1	0 46	25 59	17 36	2 22
T 12	23 25	1n30	0n 5	23 43	1 15	14 39	2 1	5 14	0 26	23 18	0 8	8 15	2 22	16 33	0 43	10 54	1 6	26 49	4 16	1 1	0 45	26 0	17 37	2 22
W13	23 27	7 20	1 10	23 25	1 7	15 0	1 59	5 1	0 24	23 18	0 8	8 17	2 22	16 32	0 43	10 54	1 6	26 49	4 16	1 1	0 44	26 2	17 38	2 23
T 14	23 30	12 47	2 9	23 5	0 59	15 22	1 58	4 48	0 23	23 17	0 7	8 18	2 22	16 31	0 43	10 54	1 6	26 48	4 16	1 0	0 43	26 3	17 38	2 23
F 15	23 32	17 43	3 3	22 45	0 51	15 42	1 56	4 35	0 22	23 17	0 7	8 20	2 22	16 30	0 43	10 54	1 6	26 48	4 16	0 58	0 41	26 5	17 39	2 23
S 16	23 34	21 57	3 48	22 24	0 41	16 3	1 55	4 21	0 20	23 17	0 7	8 22	2 23	16 29	0 43	10 54	1 6	26 48	4 16	0 56	0 40	26 6	17 40	2 23
S 17	23 35	25 17	4 23	22 3	0 32	16 23	1 53	4 8	0 19	23 17	0 7	8 23	2 23	16 29	0 43	10 55	1 6	26 48	4 16	0 52	0 39	26 8	17 40	2 23
M18	23 36	27 32	4 47	21 41	0 22	16 43	1 51	3 54	0 18	23 16	0 7	8 25	2 23	16 28	0 42	10 55	1 6	26 48	4 16	0 47	0 38	26 10	17 41	2 23
T 19	23 36	28 33	4 58	21 19	0 11	17 2	1 49	3 41	0 16	23 16	0 7	8 27	2 23	16 27	0 42	10 55	1 7	26 47	4 16	0 41	0 36	26 11	17 42	2 24
W20	23 37	28 13	4 57	20 56	0 0	17 22	1 47	3 27	0 15	23 16	0 6	8 28	2 23	16 26	0 42	10 55	1 7	26 47	4 16	0 36	0 35	26 13	17 42	2 24
T 21	23 36	26 32	4 42	20 34	0s11	17 40	1 45	3 13	0 14	23 15	0 6	8 30	2 24	16 25	0 42	10 56	1 7	26 47	4 16	0 31	0 34	26 14	17 43	2 24
F 22	23 35	23 36	4 13	20 11	0 23	17 59	1 43	2 59	0 13	23 15	0 6	8 31	2 24	16 24	0 42	10 56	1 7	26 47	4 16	0 26	0 32	26 16	17 43	2 24
S 23	23 34	19 33	3 33	19 48	0 35	18 17	1 41	2 45	0 11	23 15	0 6	8 33	2 24	16 23	0 42	10 56	1 7	26 47	4 16	0 23	0 31	26 17	17 44	2 24
S 24	23 33	14 35	2 41	19 26	0 47	18 34	1 39	2 31	0 10	23 14	0 6	8 34	2 24	16 22	0 42	10 56	1 7	26 47	4 16	0 21	0 30	26 19	17 45	2 25
M25	23 31	8 54	1 41	19 3	1 0	18 51	1 37	2 17	0 9	23 14	0 6	8 36	2 24	16 21	0 42	10 57	1 7	26 46	4 16	0 19	0 29	26 20	17 45	2 25
T 26	23 28	2 44	0 34	18 41	1 13	19 8	1 34	2 3	0 8	23 14	0 6	8 37	2 25	16 20	0 42	10 57	1 7	26 46	4 17	0 19	0 27	26 22	17 46	2 25
W27	23 25	3s42	0s37	18 20	1 26	19 24	1 32	1 48	0 7	23 13	0 5	8 38	2 25	16 19	0 42	10 57	1 7	26 46	4 17	0 19	0 26	26 23	17 46	2 25
T 28	23 22	10 8	1 48	17 59	1 39	19 40	1 30	1 34	0 5	23 13	0 5	8 40	2 25	16 18	0 42	10 57	1 7	26 46	4 17	0 19	0 25	26 25	17 47	2 25
F 29	23 18	16 15	2 53	17 39	1 53	19 55	1 27	1 19	0 4	23 13	0 5	8 41	2 25	16 17	0 42	10 58	1 7	26 46	4 17	0 18	0 24	26 26	17 47	2 26
S 30	23n14	21s38	3s50	17n19	2s 7	20n 9	1s25	1n 5	0n 3	23s13	0n 5	8n42	2s26	16n16	0n42	10s58	1s 7	26n46	4n17	0n16	0n22	26n28	17n48	2s26

Julian Day Number = 1977979.5, Delta T = 01h00m17s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'49, Lahiri = 5°47'50 Julian Calendar 1 June 703 == Greg. Calendar 5 June 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

JULY 703 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 46 9	10♋51'11	5♐ 7	4♌27	7♊43	27♍59	20°R44	28♈26	17♌51	4°R29	17♋ 3	0°R34	0♈52	8♊ 3	29♉29	S 1
M 2	18 50 6	11°48'26	20°11	4°45	8°54	28°33	20♐37	28°30	17°55	4♓28	17° 5	0♈25	0°49	8°10	29°33	M 2
T 3	18 54 2	12°45'42	5♑17	4°57	10° 5	29° 7	20°30	28°34	17°58	4°27	17° 6	0°15	0°46	8°16	29°36	T 3
W 4	18 57 59	13°42'59	20°17	5° 5	11°16	29°41	20°24	28°38	18° 1	4°27	17° 8	0° 4	0°43	8°23	29°39	W 4
T 5	19 1 55	14°40'16	5♒ 1	5°R 8	12°27	0♎15	20°17	28°41	18° 4	4°26	17°10	29♓55	0°40	8°30	29°43	T 5
F 6	19 5 52	15°37'34	19°21	5° 6	13°38	0°50	20°11	28°45	18° 8	4°25	17°11	29°48	0°37	8°36	29°46	F 6
S 7	19 9 48	16°34'53	3♓13	4°59	14°50	1°25	20° 5	28°48	18°11	4°24	17°13	29°43	0°33	8°43	29°49	S 7
S 8	19 13 45	17°32'14	16°37	4°46	16° 1	2° 0	19°59	28°52	18°14	4°23	17°15	29°40	0°30	8°50	29°52	S 8
M 9	19 17 42	18°29'35	29°34	4°29	17°13	2°35	19°53	28°55	18°18	4°22	17°17	29°D40	0°27	8°57	29°55	M 9
T 10	19 21 38	19°26'58	12♈ 8	4° 6	18°24	3°10	19°47	28°58	18°21	4°21	17°18	29°40	0°24	9° 3	29°58	T 10
W11	19 25 35	20°24'21	24°24	3°39	19°36	3°45	19°41	29° 1	18°24	4°20	17°20	29°R40	0°21	9°10	0♊ 1	W11
T 12	19 29 31	21°21'46	6♉26	3° 7	20°47	4°21	19°36	29° 5	18°28	4°19	17°22	29°39	0°17	9°17	0° 4	T 12
F 13	19 33 28	22°19'13	18°20	2°31	21°59	4°57	19°30	29° 7	18°31	4°17	17°23	29°36	0°14	9°23	0° 7	F 13
S 14	19 37 24	23°16'41	0♊10	1°52	23°11	5°32	19°25	29°10	18°35	4°16	17°25	29°30	0°11	9°30	0°10	S 14
S 15	19 41 21	24°14'10	12° 2	1° 9	24°23	6° 8	19°20	29°13	18°38	4°15	17°27	29°22	0° 8	9°37	0°13	S 15
M16	19 45 17	25°11'40	23°57	0°24	25°35	6°45	19°15	29°16	18°42	4°14	17°29	29°12	0° 5	9°44	0°16	M16
T 17	19 49 14	26° 9'12	5♋58	29♋36	26°47	7°21	19°10	29°18	18°45	4°13	17°30	29° 1	0° 2	9°50	0°18	T 17
W18	19 53 11	27° 6'45	18° 8	28°48	27°59	7°57	19° 5	29°21	18°49	4°12	17°32	28°50	29♓58	9°57	0°21	W18
T 19	19 57 7	28° 4'19	0♌27	28° 0	29°11	8°34	19° 1	29°23	18°52	4°10	17°34	28°39	29°55	10° 4	0°24	T 19
F 20	20 1 4	29° 1'54	12°56	27°13	0♋23	9°11	18°57	29°25	18°56	4° 9	17°35	28°30	29°52	10°10	0°26	F 20
S 21	20 5 0	29°59'31	25°35	26°27	1°35	9°48	18°52	29°27	19° 0	4° 8	17°37	28°23	29°49	10°17	0°29	S 21
S 22	20 8 57	0♌57'08	8♍26	25°44	2°47	10°25	18°48	29°29	19° 3	4° 7	17°39	28°19	29°46	10°24	0°32	S 22
M23	20 12 53	1°54'47	21°28	25° 5	4° 0	11° 2	18°45	29°31	19° 7	4° 5	17°40	28°17	29°43	10°31	0°34	M23
T 24	20 16 50	2°52'26	4♎43	24°30	5°12	11°39	18°41	29°33	19°10	4° 4	17°42	28°D17	29°39	10°37	0°37	T 24
W25	20 20 46	3°50'07	18°13	24° 0	6°25	12°16	18°37	29°35	19°14	4° 2	17°44	28°18	29°36	10°44	0°39	W25
T 26	20 24 43	4°47'49	1♏58	23°35	7°37	12°54	18°34	29°36	19°18	4° 1	17°45	28°R18	29°33	10°51	0°41	T 26
F 27	20 28 40	5°45'32	16° 0	23°18	8°50	13°32	18°31	29°38	19°21	4° 0	17°47	28°18	29°30	10°57	0°44	F 27
S 28	20 32 36	6°43'17	0♐18	23° 7	10° 2	14° 9	18°28	29°39	19°25	3°58	17°49	28°16	29°27	11° 4	0°46	S 28
S 29	20 36 33	7°41'02	14°50	23°D 3	11°15	14°47	18°25	29°41	19°29	3°57	17°50	28°11	29°23	11°11	0°48	S 29
M30	20 40 29	8°38'49	29°30	23° 7	12°28	15°25	18°23	29°42	19°32	3°55	17°52	28° 5	29°20	11°18	0°50	M30
T 31	20 44 26	9♌36'37	14♑14	23♋18	13♋40	16♎ 4	18♐20	29♈43	19♌36	3♓54	17♋54	27♓58	29♓17	11♊24	0♊52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n10	25s46	4s32	17n 1	2s20	20n24	1s22	0n50	0n 2	23s12	0n 5	8n43	2s26	16n15	0n42	10s58	1s 7	26n45	4n17	0n14	0n21	26n29	17n48	2s26
M 2	23 5	28 10	4 56	16 43	2 34	20 37	1 20	0 36	0 1	23 12	0 5	8 45	2 26	16 14	0 42	10 59	1 7	26 45	4 17	0 10	0 20	26 31	17 49	2 26
T 3	23 0	28 30	5 0	16 27	2 48	20 51	1 17	0 21	0s 0	23 12	0 4	8 46	2 26	16 13	0 42	10 59	1 7	26 45	4 17	0 6	0 18	26 32	17 49	2 26
W 4	22 54	26 43	4 43	16 12	3 1	21 3	1 15	0 6	0 1	23 11	0 4	8 47	2 26	16 12	0 42	10 59	1 7	26 45	4 17	0 2	0 17	26 33	17 50	2 27
T 5	22 48	23 8	4 7	15 59	3 14	21 15	1 12	0s 9	0 3	23 11	0 4	8 48	2 27	16 11	0 42	11 0	1 7	26 45	4 17	0s 2	0 16	26 35	17 50	2 27
F 6	22 41	18 14	3 16	15 47	3 27	21 27	1 10	0 23	0 4	23 11	0 4	8 49	2 27	16 10	0 42	11 0	1 7	26 45	4 17	0 5	0 15	26 36	17 51	2 27
S 7	22 34	12 30	2 15	15 36	3 39	21 38	1 7	0 38	0 5	23 10	0 4	8 50	2 27	16 9	0 42	11 1	1 7	26 44	4 17	0 7	0 13	26 38	17 51	2 27
S 8	22 27	6 22	1 9	15 28	3 51	21 48	1 4	0 53	0 6	23 10	0 4	8 51	2 27	16 8	0 42	11 1	1 7	26 44	4 17	0 8	0 12	26 39	17 52	2 28
M 9	22 19	0 11	0 1	15 21	4 2	21 58	1 1	1 8	0 7	23 10	0 4	8 52	2 28	16 7	0 42	11 1	1 7	26 44	4 17	0 8	0 11	26 41	17 52	2 28
T 10	22 11	5n50	1n 6	15 17	4 13	22 8	0 59	1 23	0 8	23 9	0 3	8 53	2 28	16 6	0 42	11 2	1 7	26 44	4 17	0 8	0 10	26 42	17 53	2 28
W11	22 3	11 30	2 7	15 14	4 22	22 16	0 56	1 38	0 9	23 9	0 3	8 54	2 28	16 5	0 42	11 2	1 7	26 44	4 17	0 8	0 8	26 43	17 53	2 28
T 12	21 54	16 37	3 2	15 13	4 30	22 24	0 53	1 54	0 10	23 9	0 3	8 55	2 28	16 4	0 42	11 3	1 7	26 44	4 17	0 8	0 7	26 45	17 53	2 28
F 13	21 45	21 4	3 48	15 15	4 36	22 32	0 50	2 9	0 11	23 9	0 3	8 55	2 29	16 3	0 42	11 3	1 7	26 43	4 18	0 10	0 6	26 46	17 54	2 29
S 14	21 35	24 38	4 24	15 18	4 42	22 39	0 47	2 24	0 12	23 8	0 3	8 56	2 29	16 2	0 42	11 4	1 8	26 43	4 18	0 12	0 4	26 47	17 54	2 29
S 15	21 25	27 10	4 49	15 24	4 45	22 45	0 45	2 39	0 13	23 8	0 3	8 57	2 29	16 1	0 42	11 4	1 8	26 43	4 18	0 15	0 3	26 49	17 55	2 29
M16	21 15	28 29	5 1	15 32	4 48	22 50	0 42	2 55	0 14	23 8	0 2	8 58	2 29	16 0	0 42	11 4	1 8	26 43	4 18	0 19	0 2	26 50	17 55	2 29
T 17	21 4	28 29	5 0	15 41	4 48	22 55	0 39	3 10	0 15	23 8	0 2	8 58	2 30	15 58	0 42	11 5	1 8	26 43	4 18	0 24	0 1	26 51	17 55	2 30
W18	20 53	27 6	4 46	15 52	4 46	23 0	0 36	3 25	0 16	23 7	0 2	8 59	2 30	15 57	0 42	11 5	1 8	26 43	4 18	0 28	0s 1	26 53	17 56	2 30
T 19	20 42	24 24	4 18	16 5	4 43	23 3	0 33	3 41	0 17	23 7	0 2	9 0	2 30	15 56	0 42	11 6	1 8	26 43	4 18	0 32	0 2	26 54	17 56	2 30
F 20	20 30	20 31	3 37	16 19	4 38	23 6	0 30	3 56	0 18	23 7	0 2	9 0	2 30	15 55	0 42	11 6	1 8	26 42	4 18	0 36	0 3	26 55	17 56	2 30
S 21	20 18	15 40	2 45	16 35	4 31	23 9	0 27	4 12	0 19	23 7	0 2	9 1	2 31	15 54	0 42	11 7	1 8	26 42	4 18	0 39	0 4	26 57	17 57	2 31
S 22	20 5	10 5	1 44	16 51	4 22	23 10	0 24	4 27	0 20	23 6	0 2	9 1	2 31	15 53	0 42	11 7	1 8	26 42	4 18	0 41	0 6	26 58	17 57	2 31
M23	19 52	3 58	0 36	17 9	4 11	23 11	0 22	4 43	0 21	23 6	0 1	9 2	2 31	15 52	0 42	11 8	1 8	26 42	4 18	0 41	0 7	26 59	17 57	2 31
T 24	19 39	2s25	0s34	17 27	4 0	23 12	0 19	4 58	0 22	23 6	0 1	9 2	2 31	15 51	0 42	11 8	1 8	26 42	4 19	0 41	0 8	27 1	17 57	2 31
W25	19 26	8 48	1 45	17 45	3 46	23 11	0 16	5 14	0 23	23 6	0 1	9 2	2 32	15 49	0 42	11 9	1 8	26 42	4 19	0 41	0 10	27 2	17 58	2 32
T 26	19 12	14 54	2 51	18 3	3 32	23 10	0 13	5 29	0 23	23 6	0 1	9 3	2 32	15 48	0 42	11 9	1 8	26 42	4 19	0 41	0 11	27 3	17 58	2 32
F 27	18 58	20 22	3 47	18 21	3 17	23 9	0 10	5 45	0 24	23 6	0 1	9 3	2 32	15 47	0 42	11 10	1 8	26 42	4 19	0 41	0 12	27 4	17 58	2 32
S 28	18 43	24 46	4 31	18 39	3 1	23 6	0 7	6 1	0 25	23 6	0 1	9 3	2 32	15 46	0 42	11 11	1 8	26 41	4 19	0 42	0 13	27 6	17 58	2 32
S 29	18 29	27 41	4 59	18 56	2 44	23 3	0 4	6 16	0 26	23 5	0 1	9 3	2 33	15 45	0 42	11 11	1 8	26 41	4 19	0 43	0 15	27 7	17 58	2 33
M30	18 14	28 43	5 7	19 12	2 27	23 0	0 2	6 32	0 27	23 5	0 0	9 4	2 33	15 44	0 42	11 12	1 8	26 41	4 19	0 46	0 16	27 8	17 59	2 33
T 31	17n58	27s43	4s55	19n28	2s 9	22n55	0n 1	6s47	0s28	23s 5	0n 0	9n 4	2s33	15n42	0n42	11s12	1s 8	26n41	4n19	0s49	0s17	27n 9	17n59	2s33

Julian Day Number = 1978009.5, Delta T = 01h00m17s
Ecliptic obliquity = 23°36'33, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'53, Lahiri = 5°47'54 Julian Calendar 1 July 703 == Greg. Calendar 5 July 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

AUGUST 703 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 48 22	10♌34'26	28♉53	23♋38	14♋53	16♎42	18°R18	29♈44	19♌40	3°R52	17♋55	27°R51	29♓14	11♊31	0♊54	W 1
T 2	20 52 19	11°32'17	13♒21	24° 5	16° 6	17°20	18♐16	29°45	19°44	3♓51	17°57	27♓44	29°11	11°38	0°56	T 2
F 3	20 56 15	12°30'10	27°30	24°39	17°19	17°59	18°14	29°46	19°47	3°49	17°58	27°39	29° 8	11°44	0°58	F 3
S 4	21 0 12	13°28'04	11♓16	25°22	18°32	18°37	18°12	29°46	19°51	3°48	18° 0	27°36	29° 4	11°51	1° 0	S 4
S 5	21 4 9	14°25'59	24°38	26°12	19°45	19°16	18°11	29°47	19°55	3°46	18° 1	27°D35	29° 1	11°58	1° 2	S 5
M 6	21 8 5	15°23'57	7♈36	27° 9	20°58	19°55	18°10	29°47	19°59	3°45	18° 3	27°35	28°58	12° 5	1° 4	M 6
T 7	21 12 2	16°21'56	20°12	28°13	22°11	20°34	18° 9	29°48	20° 2	3°43	18° 5	27°37	28°55	12°11	1° 5	T 7
W 8	21 15 58	17°19'58	2♉30	29°23	23°24	21°13	18° 8	29°48	20° 6	3°42	18° 6	27°38	28°52	12°18	1° 7	W 8
T 9	21 19 55	18°18'01	14°35	0♌40	24°38	21°53	18° 7	29°48	20°10	3°40	18° 8	27°R39	28°49	12°25	1° 9	T 9
F 10	21 23 51	19°16'07	26°31	2° 2	25°51	22°32	18° 6	29°R48	20°14	3°39	18° 9	27°39	28°45	12°31	1°10	F 10
S 11	21 27 48	20°14'14	8♊23	3°30	27° 4	23°11	18° 6	29°48	20°17	3°37	18°11	27°37	28°42	12°38	1°12	S 11
S 12	21 31 44	21°12'24	20°16	5° 2	28°18	23°51	18°D 6	29°48	20°21	3°35	18°12	27°34	28°39	12°45	1°13	S 12
M13	21 35 41	22°10'35	2♋14	6°39	29°31	24°31	18° 6	29°48	20°25	3°34	18°14	27°29	28°36	12°52	1°14	M13
T 14	21 39 38	23° 8'49	14°21	8°19	0♌45	25°11	18° 6	29°47	20°29	3°32	18°15	27°23	28°33	12°58	1°16	T 14
W15	21 43 34	24° 7'04	26°39	10° 3	1°58	25°50	18° 6	29°47	20°32	3°31	18°17	27°17	28°29	13° 5	1°17	W15
T 16	21 47 31	25° 5'22	9♌10	11°49	3°12	26°31	18° 7	29°46	20°36	3°29	18°18	27°12	28°26	13°12	1°18	T 16
F 17	21 51 27	26° 3'41	21°54	13°37	4°25	27°11	18° 8	29°45	20°40	3°27	18°19	27° 7	28°23	13°19	1°19	F 17
S 18	21 55 24	27° 2'02	4♍53	15°28	5°39	27°51	18° 9	29°44	20°44	3°26	18°21	27° 4	28°20	13°25	1°20	S 18
S 19	21 59 20	28° 0'25	18° 5	17°19	6°53	28°31	18°10	29°43	20°47	3°24	18°22	27° 2	28°17	13°32	1°21	S 19
M20	22 3 17	28°58'50	1♎29	19°12	8° 7	29°12	18°11	29°42	20°51	3°22	18°24	27°D 2	28°14	13°39	1°22	M20
T 21	22 7 13	29°57'16	15° 6	21° 5	9°21	29°52	18°13	29°41	20°55	3°21	18°25	27° 3	28°10	13°45	1°23	T 21
W22	22 11 10	0♍55'45	28°52	22°59	10°34	0♏33	18°15	29°40	20°59	3°19	18°26	27° 4	28° 7	13°52	1°24	W22
T 23	22 15 7	1°54'15	12♏49	24°53	11°48	1°14	18°17	29°39	21° 2	3°17	18°28	27° 6	28° 4	13°59	1°25	T 23
F 24	22 19 3	2°52'46	26°53	26°47	13° 2	1°55	18°19	29°37	21° 6	3°16	18°29	27°R 7	28° 1	14° 6	1°26	F 24
S 25	22 23 0	3°51'20	11♐ 5	28°40	14°16	2°36	18°21	29°35	21°10	3°14	18°30	27° 7	27°58	14°12	1°26	S 25
S 26	22 26 56	4°49'55	25°22	0♍33	15°30	3°17	18°24	29°34	21°13	3°12	18°31	27° 6	27°55	14°19	1°27	S 26
M27	22 30 53	5°48'32	9♑40	2°26	16°45	3°58	18°26	29°32	21°17	3°11	18°33	27° 3	27°51	14°26	1°27	M27
T 28	22 34 49	6°47'10	23°57	4°18	17°59	4°39	18°29	29°30	21°21	3° 9	18°34	27° 1	27°48	14°32	1°28	T 28
W29	22 38 46	7°45'51	8♒ 8	6° 9	19°13	5°21	18°32	29°28	21°24	3° 7	18°35	26°58	27°45	14°39	1°28	W29
T 30	22 42 42	8°44'33	22° 9	7°59	20°27	6° 2	18°35	29°26	21°28	3° 6	18°36	26°56	27°42	14°46	1°28	T 30
F 31	22 46 39	9♍43'17	5♓56	9♍49	21♌41	6♏44	18♐39	29♈24	21♌32	3♓ 4	18♋38	26♓54	27♓39	14♊53	1♊29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n43	24s49	4s23	19n42	1s52	22n50	0n 4	7s 3	0s29	23s 5	0n 0	9n 4	2s33	15n41	0n42	11s13	1s 8	26n41	4n19	0s52	0s18	27n11	17n59	2s33
T 2	17 27	20 22	3 36	19 54	1 34	22 45	0 7	7 19	0 30	23 5	0 0	9 4	2 34	15 40	0 42	11 13	1 8	26 41	4 20	0 54	0 20	27 12	17 59	2 34
F 3	17 10	14 51	2 35	20 5	1 17	22 38	0 9	7 34	0 30	23 5	0s 0	9 4	2 34	15 39	0 42	11 14	1 8	26 41	4 20	0 56	0 21	27 13	17 59	2 34
S 4	16 54	8 44	1 27	20 14	1 0	22 31	0 12	7 50	0 31	23 5	0 0	9 4	2 34	15 38	0 42	11 15	1 8	26 41	4 20	0 58	0 22	27 14	17 59	2 34
S 5	16 37	2 23	0 16	20 21	0 43	22 23	0 15	8 5	0 32	23 5	0 0	9 4	2 34	15 36	0 42	11 15	1 8	26 41	4 20	0 58	0 24	27 16	17 59	2 35
M 6	16 20	3n52	0n54	20 26	0 27	22 15	0 18	8 21	0 33	23 5	0 1	9 4	2 35	15 35	0 42	11 16	1 8	26 40	4 20	0 58	0 25	27 17	18 0	2 35
T 7	16 3	9 48	2 0	20 28	0 12	22 6	0 20	8 37	0 34	23 5	0 1	9 4	2 35	15 34	0 42	11 16	1 8	26 40	4 20	0 57	0 26	27 18	18 0	2 35
W 8	15 45	15 12	2 58	20 28	0n 2	21 56	0 23	8 52	0 35	23 5	0 1	9 4	2 35	15 33	0 42	11 17	1 8	26 40	4 20	0 57	0 27	27 19	18 0	2 35
T 9	15 27	19 56	3 47	20 25	0 16	21 46	0 25	9 8	0 35	23 5	0 1	9 3	2 36	15 32	0 42	11 17	1 8	26 40	4 20	0 56	0 29	27 20	18 0	2 36
F 10	15 9	23 49	4 26	20 19	0 29	21 35	0 28	9 23	0 36	23 5	0 1	9 3	2 36	15 30	0 42	11 18	1 8	26 40	4 20	0 57	0 30	27 21	18 0	2 36
S 11	14 51	26 41	4 53	20 10	0 41	21 23	0 30	9 39	0 37	23 6	0 1	9 3	2 36	15 29	0 42	11 19	1 8	26 40	4 21	0 57	0 31	27 23	18 0	2 36
S 12	14 32	28 22	5 8	19 59	0 52	21 11	0 33	9 54	0 38	23 6	0 1	9 3	2 36	15 28	0 42	11 19	1 8	26 40	4 21	0 59	0 32	27 24	18 0	2 36
M13	14 13	28 45	5 10	19 44	1 2	20 58	0 35	10 10	0 38	23 6	0 1	9 2	2 37	15 27	0 42	11 20	1 8	26 40	4 21	1 0	0 34	27 25	18 0	2 37
T 14	13 54	27 45	4 57	19 27	1 11	20 45	0 38	10 25	0 39	23 6	0 2	9 2	2 37	15 26	0 42	11 20	1 8	26 40	4 21	1 3	0 35	27 26	18 0	2 37
W15	13 35	25 25	4 31	19 7	1 19	20 31	0 40	10 40	0 40	23 6	0 2	9 1	2 37	15 24	0 42	11 21	1 8	26 40	4 21	1 5	0 36	27 27	18 0	2 37
T 16	13 15	21 49	3 52	18 44	1 26	20 16	0 42	10 56	0 41	23 6	0 2	9 1	2 37	15 23	0 42	11 22	1 8	26 40	4 21	1 7	0 38	27 28	18 0	2 38
F 17	12 55	17 9	3 0	18 19	1 32	20 1	0 44	11 11	0 41	23 6	0 2	9 0	2 38	15 22	0 42	11 22	1 8	26 40	4 21	1 9	0 39	27 29	18 0	2 38
S 18	12 35	11 37	1 58	17 51	1 37	19 45	0 47	11 26	0 42	23 7	0 2	9 0	2 38	15 21	0 42	11 23	1 8	26 40	4 22	1 10	0 40	27 30	18 0	2 38
S 19	12 15	5 30	0 49	17 21	1 41	19 28	0 49	11 41	0 43	23 7	0 2	8 59	2 38	15 20	0 42	11 24	1 8	26 40	4 22	1 11	0 41	27 31	18 0	2 38
M20	11 55	0s58	0s24	16 49	1 44	19 11	0 51	11 57	0 44	23 7	0 2	8 59	2 38	15 18	0 42	11 24	1 8	26 39	4 22	1 11	0 43	27 32	17 59	2 39
T 21	11 34	7 29	1 37	16 15	1 46	18 54	0 53	12 12	0 44	23 7	0 2	8 58	2 38	15 17	0 42	11 25	1 8	26 39	4 22	1 11	0 44	27 34	17 59	2 39
W22	11 13	13 44	2 46	15 39	1 48	18 36	0 55	12 27	0 45	23 8	0 3	8 57	2 39	15 16	0 42	11 25	1 8	26 39	4 22	1 10	0 45	27 35	17 59	2 39
T 23	10 52	19 22	3 45	15 2	1 49	18 17	0 57	12 42	0 46	23 8	0 3	8 57	2 39	15 15	0 42	11 26	1 8	26 39	4 22	1 10	0 46	27 36	17 59	2 40
F 24	10 31	24 0	4 32	14 23	1 49	17 58	0 59	12 57	0 46	23 8	0 3	8 56	2 39	15 14	0 42	11 27	1 8	26 39	4 22	1 9	0 48	27 37	17 59	2 40
S 25	10 10	27 15	5 2	13 43	1 48	17 38	1 1	13 12	0 47	23 9	0 3	8 55	2 39	15 13	0 42	11 27	1 8	26 39	4 23	1 9	0 49	27 38	17 59	2 40
S 26	9 48	28 46	5 14	13 1	1 47	17 18	1 3	13 26	0 48	23 9	0 3	8 54	2 40	15 11	0 42	11 28	1 8	26 39	4 23	1 10	0 50	27 39	17 59	2 40
M27	9 27	28 21	5 7	12 19	1 45	16 57	1 4	13 41	0 48	23 9	0 3	8 54	2 40	15 10	0 42	11 28	1 9	26 39	4 23	1 11	0 52	27 40	17 58	2 41
T 28	9 5	26 4	4 40	11 36	1 43	16 36	1 6	13 56	0 49	23 10	0 3	8 53	2 40	15 9	0 42	11 29	1 9	26 39	4 23	1 12	0 53	27 41	17 58	2 41
W29	8 43	22 10	3 57	10 52	1 40	16 14	1 8	14 11	0 50	23 10	0 3	8 52	2 40	15 8	0 42	11 30	1 9	26 39	4 23	1 13	0 54	27 42	17 58	2 41
T 30	8 21	17 3	3 0	10 8	1 37	15 52	1 9	14 25	0 50	23 10	0 4	8 51	2 41	15 7	0 42	11 30	1 9	26 39	4 23	1 14	0 55	27 43	17 58	2 42
F 31	7n59	11s 9	1s53	9n23	1n33	15n29	1n11	14s39	0s51	23s11	0s 4	8n50	2s41	15n 5	0n42	11s31	1s 9	26n39	4n24	1s14	0s57	27n44	17n58	2s42

Julian Day Number = 1978040.5, Delta T = 01h00m16s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°40'58, Lahiri = 5°47'58 Julian Calendar 1 Aug. 703 == Greg. Calendar 5 Aug. 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

SEPTEMBER 703 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 50 36	10♍42'03	19♓26	11♍38	22♌56	7♏26	18♐42	29°R22	21♌35	3°R 3	18♋39	26°R53	27♓35	14♊59	1♊29	S 1
S 2	22 54 32	11°40'51	2♈37	13°25	24°10	8° 7	18°46	29♈19	21°39	3♓ 1	18°40	26°D53	27°32	15° 6	1°29	S 2
M 3	22 58 29	12°39'41	15°29	15°12	25°24	8°49	18°50	29°17	21°42	2°59	18°41	26♓54	27°29	15°13	1°29	M 3
T 4	23 2 25	13°38'33	28° 3	16°58	26°39	9°31	18°54	29°14	21°46	2°58	18°42	26°55	27°26	15°19	1°R29	T 4
W 5	23 6 22	14°37'28	10♉21	18°43	27°53	10°13	18°59	29°11	21°50	2°56	18°43	26°56	27°23	15°26	1°29	W 5
T 6	23 10 18	15°36'25	22°27	20°27	29° 8	10°55	19° 3	29° 9	21°53	2°54	18°44	26°57	27°20	15°33	1°29	T 6
F 7	23 14 15	16°35'25	4♊24	22°10	0♍22	11°38	19° 8	29° 6	21°57	2°53	18°45	26°58	27°16	15°40	1°29	F 7
S 8	23 18 11	17°34'27	16°17	23°53	1°37	12°20	19°13	29° 3	22° 0	2°51	18°46	26°R58	27°13	15°46	1°29	S 8
S 9	23 22 8	18°33'31	28°11	25°34	2°51	13° 2	19°18	29° 0	22° 4	2°50	18°47	26°58	27°10	15°53	1°28	S 9
M10	23 26 5	19°32'38	10♋10	27°15	4° 6	13°45	19°23	28°57	22° 7	2°48	18°48	26°57	27° 7	16° 0	1°28	M10
T 11	23 30 1	20°31'46	22°18	28°54	5°21	14°27	19°28	28°54	22°10	2°46	18°49	26°57	27° 4	16° 7	1°28	T 11
W12	23 33 58	21°30'58	4♌40	0♎33	6°36	15°10	19°33	28°50	22°14	2°45	18°50	26°56	27° 1	16°13	1°27	W12
T 13	23 37 54	22°30'11	17°19	2°11	7°50	15°53	19°39	28°47	22°17	2°43	18°51	26°55	26°57	16°20	1°27	T 13
F 14	23 41 51	23°29'27	0♍15	3°48	9° 5	16°36	19°45	28°43	22°21	2°42	18°52	26°55	26°54	16°27	1°26	F 14
S 15	23 45 47	24°28'45	13°31	5°25	10°20	17°19	19°51	28°40	22°24	2°40	18°53	26°55	26°51	16°33	1°25	S 15
S 16	23 49 44	25°28'05	27° 6	7° 1	11°35	18° 2	19°57	28°36	22°27	2°39	18°54	26°D55	26°48	16°40	1°24	S 16
M17	23 53 40	26°27'27	10♎56	8°35	12°50	18°45	20° 3	28°33	22°31	2°37	18°54	26°R55	26°45	16°47	1°24	M17
T 18	23 57 37	27°26'51	25° 0	10°10	14° 4	19°28	20°10	28°29	22°34	2°36	18°55	26°55	26°41	16°54	1°23	T 18
W19	0 1 33	28°26'18	9♏14	11°43	15°19	20°11	20°16	28°25	22°37	2°34	18°56	26°54	26°38	17° 0	1°22	W19
T 20	0 5 30	29°25'46	23°32	13°16	16°34	20°55	20°23	28°21	22°40	2°33	18°57	26°54	26°35	17° 7	1°21	T 20
F 21	0 9 27	0♎25'16	7♐52	14°48	17°49	21°38	20°30	28°17	22°43	2°32	18°57	26°54	26°32	17°14	1°20	F 21
S 22	0 13 23	1°24'48	22°10	16°19	19° 4	22°22	20°37	28°13	22°47	2°30	18°58	26°54	26°29	17°20	1°19	S 22
S 23	0 17 20	2°24'22	6♑21	17°50	20°19	23° 5	20°44	28° 9	22°50	2°29	18°59	26°D54	26°26	17°27	1°18	S 23
M24	0 21 16	3°23'57	20°26	19°20	21°34	23°49	20°52	28° 5	22°53	2°27	18°59	26°54	26°22	17°34	1°16	M24
T 25	0 25 13	4°23'34	4♒21	20°49	22°49	24°33	20°59	28° 1	22°56	2°26	19° 0	26°54	26°19	17°41	1°15	T 25
W26	0 29 9	5°23'13	18° 5	22°18	24° 5	25°17	21° 7	27°56	22°59	2°25	19° 1	26°55	26°16	17°47	1°14	W26
T 27	0 33 6	6°22'54	1♓38	23°46	25°20	26° 1	21°15	27°52	23° 2	2°23	19° 1	26°56	26°13	17°54	1°12	T 27
F 28	0 37 2	7°22'36	14°58	25°13	26°35	26°45	21°23	27°48	23° 5	2°22	19° 2	26°57	26°10	18° 1	1°11	F 28
S 29	0 40 59	8°22'21	28° 5	26°39	27°50	27°29	21°31	27°43	23° 8	2°21	19° 2	26°R57	26° 6	18° 8	1° 9	S 29
S 30	0 44 56	9♎22'07	10♈59	28♎ 5	29♍ 5	28♏13	21♐39	27♈39	23♌11	2♓20	19♋ 3	26♓57	26♓ 3	18♊14	1♊ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n36	4s50	0s41	8n38	1n29	15n 6	1n12	14s54	0s51	23s11	0s 4	8n49	2s41	15n 4	0n42	11s31	1s 9	26n39	4n24	1s15	0s58	27n45	17n57	2s42
S 2	7 14	1n32	0n32	7 52	1 25	14 43	1 14	15 8	0 52	23 12	0 4	8 48	2 41	15 3	0 42	11 32	1 9	26 39	4 24	1 15	0 59	27 46	17 57	2 43
M 3	6 51	7 41	1 41	7 6	1 20	14 19	1 15	15 22	0 53	23 12	0 4	8 47	2 41	15 2	0 42	11 33	1 9	26 39	4 24	1 15	1 0	27 47	17 57	2 43
T 4	6 29	13 24	2 44	6 20	1 15	13 55	1 16	15 36	0 53	23 13	0 4	8 46	2 42	15 1	0 42	11 33	1 9	26 39	4 24	1 14	1 2	27 48	17 57	2 43
W 5	6 6	18 28	3 38	5 34	1 10	13 30	1 17	15 50	0 54	23 13	0 4	8 45	2 42	15 0	0 42	11 34	1 9	26 39	4 24	1 14	1 3	27 49	17 56	2 43
T 6	5 43	22 43	4 21	4 48	1 4	13 5	1 18	16 4	0 54	23 14	0 4	8 43	2 42	14 59	0 42	11 34	1 9	26 39	4 24	1 13	1 4	27 50	17 56	2 44
F 7	5 20	25 58	4 52	4 1	0 58	12 40	1 20	16 18	0 55	23 14	0 4	8 42	2 42	14 57	0 42	11 35	1 9	26 39	4 25	1 13	1 6	27 50	17 56	2 44
S 8	4 57	28 3	5 11	3 15	0 53	12 14	1 21	16 32	0 55	23 15	0 5	8 41	2 42	14 56	0 42	11 36	1 9	26 39	4 25	1 13	1 7	27 51	17 55	2 44
S 9	4 33	28 52	5 16	2 29	0 46	11 48	1 22	16 45	0 56	23 15	0 5	8 40	2 43	14 55	0 42	11 36	1 9	26 39	4 25	1 13	1 8	27 52	17 55	2 45
M10	4 10	28 20	5 8	1 43	0 40	11 21	1 22	16 59	0 57	23 16	0 5	8 39	2 43	14 54	0 42	11 37	1 9	26 39	4 25	1 13	1 9	27 53	17 55	2 45
T 11	3 47	26 27	4 46	0 57	0 34	10 54	1 23	17 12	0 57	23 16	0 5	8 37	2 43	14 53	0 42	11 37	1 9	26 39	4 25	1 13	1 11	27 54	17 54	2 45
W12	3 23	23 17	4 11	0 12	0 27	10 27	1 24	17 25	0 58	23 17	0 5	8 36	2 43	14 52	0 42	11 38	1 9	26 39	4 26	1 14	1 12	27 55	17 54	2 45
T 13	3 0	18 58	3 22	0s34	0 20	10 0	1 25	17 38	0 58	23 17	0 5	8 35	2 43	14 51	0 42	11 38	1 9	26 39	4 26	1 14	1 13	27 56	17 53	2 46
F 14	2 36	13 41	2 22	1 19	0 14	9 32	1 25	17 51	0 59	23 18	0 5	8 33	2 43	14 50	0 42	11 39	1 9	26 39	4 26	1 14	1 14	27 57	17 53	2 46
S 15	2 12	7 39	1 14	2 4	0 7	9 4	1 26	18 4	0 59	23 18	0 5	8 32	2 44	14 49	0 42	11 40	1 9	26 39	4 26	1 14	1 16	27 58	17 53	2 46
S 16	1 49	1 9	0s 1	2 48	0s 0	8 36	1 26	18 17	1 0	23 19	0 5	8 30	2 44	14 48	0 42	11 40	1 9	26 40	4 26	1 14	1 17	27 59	17 52	2 47
M17	1 25	5s32	1 17	3 32	0 7	8 7	1 27	18 29	1 0	23 20	0 6	8 29	2 44	14 47	0 42	11 41	1 9	26 40	4 26	1 14	1 18	27 59	17 52	2 47
T 18	1 1	12 4	2 30	4 16	0 14	7 39	1 27	18 42	1 1	23 20	0 6	8 27	2 44	14 45	0 42	11 41	1 9	26 40	4 27	1 14	1 19	28 0	17 51	2 47
W19	0 38	18 2	3 34	4 59	0 21	7 10	1 27	18 54	1 1	23 21	0 6	8 26	2 44	14 44	0 42	11 42	1 8	26 40	4 27	1 14	1 21	28 1	17 51	2 47
T 20	0 14	23 3	4 25	5 42	0 28	6 41	1 28	19 6	1 2	23 21	0 6	8 24	2 44	14 43	0 42	11 42	1 8	26 40	4 27	1 14	1 22	28 2	17 50	2 48
F 21	0s10	26 42	5 0	6 24	0 35	6 11	1 28	19 18	1 2	23 22	0 6	8 23	2 44	14 42	0 42	11 43	1 8	26 40	4 27	1 14	1 23	28 3	17 50	2 48
S 22	0 34	28 38	5 16	7 6	0 42	5 42	1 28	19 30	1 3	23 23	0 6	8 21	2 45	14 41	0 43	11 43	1 8	26 40	4 27	1 15	1 25	28 3	17 49	2 48
S 23	0 58	28 39	5 12	7 48	0 49	5 12	1 28	19 42	1 3	23 23	0 6	8 20	2 45	14 40	0 43	11 44	1 8	26 40	4 27	1 15	1 26	28 4	17 49	2 49
M24	1 22	26 50	4 51	8 29	0 56	4 42	1 28	19 53	1 3	23 24	0 6	8 18	2 45	14 39	0 43	11 44	1 8	26 40	4 28	1 14	1 27	28 5	17 48	2 49
T 25	1 45	23 23	4 12	9 9	1 3	4 12	1 28	20 4	1 4	23 24	0 6	8 17	2 45	14 38	0 43	11 45	1 8	26 40	4 28	1 14	1 28	28 6	17 48	2 49
W26	2 9	18 40	3 19	9 49	1 9	3 42	1 27	20 15	1 4	23 25	0 6	8 15	2 45	14 37	0 43	11 45	1 8	26 40	4 28	1 14	1 30	28 7	17 47	2 49
T 27	2 33	13 5	2 16	10 28	1 16	3 12	1 27	20 26	1 5	23 26	0 7	8 13	2 45	14 36	0 43	11 46	1 8	26 40	4 28	1 14	1 31	28 7	17 47	2 50
F 28	2 57	6 58	1 6	11 6	1 23	2 42	1 27	20 37	1 5	23 26	0 7	8 12	2 45	14 36	0 43	11 46	1 8	26 40	4 28	1 13	1 32	28 8	17 46	2 50
S 29	3 21	0 40	0n 6	11 44	1 29	2 11	1 26	20 48	1 5	23 27	0 7	8 10	2 45	14 35	0 43	11 46	1 8	26 41	4 29	1 13	1 33	28 9	17 46	2 50
S 30	3s44	5n33	1n17	12s21	1s35	1n41	1n26	20s58	1s 6	23s27	0s 7	8n 8	2s45	14n34	0n43	11s47	1s 8	26n41	4n29	1s13	1s35	28n10	17n45	2s51

Julian Day Number = 1978071.5, Delta T = 01h00m15s
Ecliptic obliquity = 23°36'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'02, Lahiri = 5°48'02 Julian Calendar 1 Sept. 703 == Greg. Calendar 5 Sept. 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

OCTOBER 703 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 48 52	10♎21'56	23♈38	29♎30	0♎20	28♏57	21♐47	27°R34	23♌14	2°R18	19♋ 3	26°R55	26♓ 0	18♊21	1°R 6	M 1
T 2	0 52 49	11°21'47	6♉ 4	0♏54	1°35	29°41	21°56	27♈30	23°16	2♓17	19° 4	26♓54	25°57	18°28	1♊ 5	T 2
W 3	0 56 45	12°21'39	18°18	2°17	2°51	0♐26	22° 4	27°25	23°19	2°16	19° 4	26°51	25°54	18°34	1° 3	W 3
T 4	1 0 42	13°21'34	0♊22	3°39	4° 6	1°10	22°13	27°20	23°22	2°15	19° 5	26°49	25°51	18°41	1° 1	T 4
F 5	1 4 38	14°21'32	12°19	5° 1	5°21	1°55	22°22	27°16	23°25	2°14	19° 5	26°46	25°47	18°48	0°59	F 5
S 6	1 8 35	15°21'31	24°11	6°21	6°36	2°39	22°31	27°11	23°27	2°13	19° 5	26°44	25°44	18°55	0°57	S 6
S 7	1 12 31	16°21'33	6♋ 4	7°40	7°52	3°24	22°40	27° 6	23°30	2°11	19° 6	26°43	25°41	19° 1	0°55	S 7
M 8	1 16 28	17°21'36	18° 1	8°58	9° 7	4° 9	22°50	27° 1	23°33	2°10	19° 6	26°D42	25°38	19° 8	0°53	M 8
T 9	1 20 25	18°21'42	0♌ 7	10°15	10°22	4°53	22°59	26°57	23°35	2° 9	19° 6	26°43	25°35	19°15	0°51	T 9
W10	1 24 21	19°21'51	12°27	11°31	11°38	5°38	23° 8	26°52	23°38	2° 8	19° 6	26°44	25°32	19°21	0°49	W10
T 11	1 28 18	20°22'01	25° 5	12°44	12°53	6°23	23°18	26°47	23°40	2° 7	19° 7	26°46	25°28	19°28	0°47	T 11
F 12	1 32 14	21°22'13	8♍ 6	13°57	14° 8	7° 8	23°28	26°42	23°42	2° 6	19° 7	26°47	25°25	19°35	0°45	F 12
S 13	1 36 11	22°22'28	21°30	15° 7	15°24	7°53	23°38	26°37	23°45	2° 6	19° 7	26°R48	25°22	19°42	0°43	S 13
S 14	1 40 7	23°22'44	5♎19	16°15	16°39	8°38	23°48	26°32	23°47	2° 5	19° 7	26°48	25°19	19°48	0°40	S 14
M15	1 44 4	24°23'02	19°31	17°21	17°55	9°23	23°58	26°27	23°49	2° 4	19° 7	26°47	25°16	19°55	0°38	M15
T 16	1 48 0	25°23'22	4♏ 1	18°24	19°10	10° 9	24° 8	26°23	23°52	2° 3	19° 7	26°44	25°12	20° 2	0°36	T 16
W17	1 51 57	26°23'44	18°44	19°24	20°26	10°54	24°18	26°18	23°54	2° 2	19° 7	26°40	25° 9	20° 9	0°33	W17
T 18	1 55 54	27°24'08	3♐31	20°21	21°41	11°39	24°29	26°13	23°56	2° 1	19°R 7	26°35	25° 6	20°15	0°31	T 18
F 19	1 59 50	28°24'33	18°16	21°14	22°56	12°25	24°39	26° 8	23°58	2° 1	19° 7	26°31	25° 3	20°22	0°28	F 19
S 20	2 3 47	29°25'00	2♑51	22° 3	24°12	13°10	24°50	26° 3	24° 0	2° 0	19° 7	26°27	25° 0	20°29	0°26	S 20
S 21	2 7 43	0♏25'28	17°11	22°47	25°27	13°56	25° 0	25°58	24° 2	1°59	19° 7	26°25	24°57	20°35	0°23	S 21
M22	2 11 40	1°25'58	1♒14	23°26	26°43	14°41	25°11	25°53	24° 4	1°58	19° 7	26°D24	24°53	20°42	0°20	M22
T 23	2 15 36	2°26'29	14°59	23°59	27°58	15°27	25°22	25°48	24° 6	1°58	19° 7	26°25	24°50	20°49	0°18	T 23
W24	2 19 33	3°27'01	28°26	24°26	29°14	16°13	25°33	25°44	24° 8	1°57	19° 7	26°26	24°47	20°56	0°15	W24
T 25	2 23 29	4°27'34	11♓38	24°45	0♏29	16°58	25°44	25°39	24°10	1°57	19° 6	26°28	24°44	21° 2	0°12	T 25
F 26	2 27 26	5°28'09	24°35	24°56	1°45	17°44	25°56	25°34	24°12	1°56	19° 6	26°R28	24°41	21° 9	0°10	F 26
S 27	2 31 23	6°28'45	7♈19	24°R59	3° 0	18°30	26° 7	25°29	24°13	1°56	19° 6	26°28	24°38	21°16	0° 7	S 27
S 28	2 35 19	7°29'22	19°53	24°51	4°16	19°16	26°18	25°24	24°15	1°55	19° 6	26°25	24°34	21°23	0° 4	S 28
M29	2 39 16	8°30'01	2♉16	24°34	5°31	20° 2	26°30	25°20	24°17	1°55	19° 5	26°21	24°31	21°29	0° 1	M29
T 30	2 43 12	9°30'42	14°31	24° 6	6°47	20°48	26°41	25°15	24°18	1°54	19° 5	26°14	24°28	21°36	29♉58	T 30
W31	2 47 9	10♏31'23	26♉38	23♏28	8♏ 2	21♐34	26♐53	25♈10	24♌20	1♓54	19♋ 5	26♓ 6	24♓25	21♊43	29♉55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s 8	11n26	2n22	12s57	1s42	1n10	1n25	21s 9	1s 6	23s28	0s 7	8n 7	2s45	14n33	0n43	11s47	1s 8	26n41	4n29	1s14	1s36	28n10	17n44	2s51
T 2	4 32	16 46	3 20	13 33	1 48	0 39	1 25	21 19	1 7	23 29	0 7	8 5	2 45	14 32	0 43	11 48	1 8	26 41	4 29	1 15	1 37	28 11	17 44	2 51
W 3	4 55	21 21	4 7	14 8	1 54	0 9	1 24	21 29	1 7	23 29	0 7	8 3	2 46	14 31	0 43	11 48	1 8	26 41	4 29	1 16	1 39	28 12	17 43	2 51
T 4	5 19	24 58	4 42	14 42	1 59	0s22	1 23	21 38	1 7	23 30	0 7	8 1	2 46	14 30	0 43	11 49	1 8	26 41	4 30	1 17	1 40	28 13	17 42	2 52
F 5	5 42	27 28	5 5	15 15	2 5	0 53	1 23	21 48	1 8	23 31	0 7	8 0	2 46	14 29	0 43	11 49	1 8	26 41	4 30	1 18	1 41	28 13	17 42	2 52
S 6	6 5	28 43	5 15	15 47	2 10	1 23	1 22	21 57	1 8	23 31	0 7	7 58	2 46	14 28	0 43	11 49	1 8	26 41	4 30	1 18	1 42	28 14	17 41	2 52
S 7	6 29	28 39	5 11	16 18	2 15	1 54	1 21	22 6	1 8	23 32	0 8	7 56	2 46	14 27	0 43	11 50	1 8	26 42	4 30	1 19	1 44	28 15	17 41	2 52
M 8	6 52	27 14	4 54	16 48	2 20	2 25	1 20	22 15	1 9	23 32	0 8	7 55	2 46	14 27	0 43	11 50	1 8	26 42	4 30	1 19	1 45	28 15	17 40	2 53
T 9	7 15	24 33	4 23	17 17	2 25	2 56	1 19	22 24	1 9	23 33	0 8	7 53	2 46	14 26	0 43	11 50	1 8	26 42	4 31	1 19	1 46	28 16	17 39	2 53
W10	7 38	20 42	3 40	17 45	2 29	3 26	1 18	22 32	1 9	23 34	0 8	7 51	2 46	14 25	0 43	11 51	1 8	26 42	4 31	1 18	1 47	28 17	17 39	2 53
T 11	8 1	15 51	2 46	18 12	2 33	3 57	1 17	22 40	1 10	23 34	0 8	7 49	2 46	14 24	0 43	11 51	1 8	26 42	4 31	1 18	1 49	28 17	17 38	2 53
F 12	8 23	10 9	1 41	18 37	2 36	4 27	1 16	22 48	1 10	23 35	0 8	7 48	2 46	14 23	0 43	11 51	1 8	26 42	4 31	1 17	1 50	28 18	17 37	2 54
S 13	8 46	3 50	0 29	19 1	2 39	4 58	1 14	22 56	1 10	23 35	0 8	7 46	2 46	14 23	0 43	11 52	1 8	26 43	4 31	1 17	1 51	28 19	17 36	2 54
S 14	9 9	2s50	0s47	19 24	2 42	5 28	1 13	23 3	1 10	23 36	0 8	7 44	2 46	14 22	0 43	11 52	1 8	26 43	4 31	1 17	1 53	28 19	17 36	2 54
M15	9 31	9 33	2 1	19 45	2 44	5 58	1 12	23 11	1 11	23 36	0 8	7 42	2 46	14 21	0 43	11 52	1 8	26 43	4 32	1 17	1 54	28 20	17 35	2 54
T 16	9 53	15 55	3 10	20 4	2 45	6 28	1 10	23 18	1 11	23 37	0 8	7 40	2 46	14 21	0 43	11 53	1 8	26 43	4 32	1 19	1 55	28 20	17 34	2 55
W17	10 15	21 28	4 6	20 22	2 46	6 58	1 9	23 25	1 11	23 38	0 8	7 39	2 46	14 20	0 43	11 53	1 8	26 43	4 32	1 20	1 56	28 21	17 34	2 55
T 18	10 37	25 42	4 47	20 38	2 47	7 28	1 7	23 31	1 11	23 38	0 9	7 37	2 46	14 19	0 43	11 53	1 8	26 43	4 32	1 22	1 58	28 22	17 33	2 55
F 19	10 59	28 12	5 9	20 52	2 46	7 58	1 6	23 38	1 12	23 39	0 9	7 35	2 46	14 18	0 43	11 53	1 8	26 44	4 32	1 24	1 59	28 22	17 32	2 55
S 20	11 21	28 44	5 10	21 4	2 45	8 27	1 4	23 44	1 12	23 39	0 9	7 34	2 46	14 18	0 43	11 54	1 8	26 44	4 33	1 25	2 0	28 23	17 31	2 56
S 21	11 42	27 19	4 52	21 13	2 43	8 57	1 2	23 50	1 12	23 40	0 9	7 32	2 46	14 17	0 43	11 54	1 8	26 44	4 33	1 26	2 1	28 23	17 31	2 56
M22	12 3	24 11	4 16	21 20	2 39	9 26	1 1	23 55	1 12	23 40	0 9	7 30	2 46	14 17	0 44	11 54	1 8	26 44	4 33	1 26	2 3	28 24	17 30	2 56
T 23	12 24	19 45	3 27	21 24	2 35	9 55	0 59	24 1	1 12	23 41	0 9	7 28	2 45	14 16	0 44	11 54	1 8	26 44	4 33	1 26	2 4	28 25	17 29	2 56
W24	12 45	14 23	2 27	21 26	2 30	10 23	0 57	24 6	1 13	23 41	0 9	7 27	2 45	14 15	0 44	11 55	1 8	26 45	4 33	1 26	2 5	28 25	17 28	2 57
T 25	13 6	8 29	1 20	21 24	2 23	10 52	0 55	24 10	1 13	23 42	0 9	7 25	2 45	14 15	0 44	11 55	1 8	26 45	4 34	1 25	2 6	28 26	17 27	2 57
F 26	13 26	2 20	0 10	21 19	2 15	11 20	0 53	24 15	1 13	23 42	0 9	7 23	2 45	14 14	0 44	11 55	1 8	26 45	4 34	1 25	2 8	28 26	17 27	2 57
S 27	13 46	3n49	0n59	21 11	2 6	11 48	0 52	24 19	1 13	23 42	0 9	7 22	2 45	14 14	0 44	11 55	1 8	26 45	4 34	1 25	2 9	28 27	17 26	2 57
S 28	14 6	9 44	2 3	20 58	1 55	12 15	0 50	24 23	1 13	23 43	0 9	7 20	2 45	14 13	0 44	11 55	1 8	26 46	4 34	1 26	2 10	28 27	17 25	2 57
M29	14 26	15 11	3 1	20 42	1 42	12 42	0 48	24 27	1 13	23 43	0 10	7 18	2 45	14 13	0 44	11 55	1 8	26 46	4 34	1 28	2 12	28 28	17 24	2 58
T 30	14 46	19 58	3 50	20 21	1 28	13 9	0 46	24 31	1 14	23 44	0 10	7 17	2 45	14 12	0 44	11 55	1 8	26 46	4 35	1 31	2 13	28 28	17 23	2 58
W31	15s 5	23n53	4n28	19s56	1s12	13s36	0n44	24s34	1s14	23s44	0s10	7n15	2s45	14n12	0n44	11s56	1s 8	26n46	4n35	1s34	2s14	28n29	17n23	2s58

Julian Day Number = 1978101.5, Delta T = 01h00m14s
Ecliptic obliquity = 23°36'34, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'06, Lahiri = 5°48'06 Julian Calendar 1 Oct. 703 == Greg. Calendar 5 Oct. 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

NOVEMBER 703 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 51 5	11♏32'07	8♊38	22°R39	9♏18	22♐20	27♐ 5	25°R 6	24♌21	1°R54	19°R 4	25°R56	24♓22	21♊49	29°R52	T 1
F 2	2 55 2	12°32'52	20°32	21♏40	10°33	23° 6	27°17	25♈ 1	24°23	1♓53	19♋ 4	25♓47	24°18	21°56	29♉49	F 2
S 3	2 58 58	13°33'38	2♋24	20°33	11°49	23°52	27°28	24°57	24°24	1°53	19° 4	25°39	24°15	22° 3	29°46	S 3
S 4	3 2 55	14°34'26	14°15	19°18	13° 4	24°38	27°40	24°52	24°25	1°53	19° 3	25°33	24°12	22°10	29°43	S 4
M 5	3 6 52	15°35'16	26°10	17°58	14°20	25°25	27°53	24°48	24°27	1°53	19° 3	25°28	24° 9	22°16	29°40	M 5
T 6	3 10 48	16°36'07	8♌12	16°36	15°35	26°11	28° 5	24°43	24°28	1°52	19° 2	25°26	24° 6	22°23	29°37	T 6
W 7	3 14 45	17°36'59	20°28	15°14	16°51	26°57	28°17	24°39	24°29	1°52	19° 2	25°D26	24° 3	22°30	29°34	W 7
T 8	3 18 41	18°37'53	3♍ 0	13°55	18° 6	27°44	28°29	24°35	24°30	1°52	19° 1	25°26	23°59	22°36	29°31	T 8
F 9	3 22 38	19°38'49	15°55	12°42	19°22	28°30	28°42	24°31	24°31	1°52	19° 1	25°27	23°56	22°43	29°28	F 9
S 10	3 26 34	20°39'45	29°17	11°36	20°37	29°17	28°54	24°27	24°32	1°D52	19° 0	25°R28	23°53	22°50	29°25	S 10
S 11	3 30 31	21°40'43	13♎ 7	10°40	21°53	0♑ 3	29° 7	24°22	24°33	1°52	18°59	25°26	23°50	22°57	29°22	S 11
M12	3 34 27	22°41'43	27°26	9°55	23° 9	0°50	29°19	24°18	24°34	1°52	18°59	25°22	23°47	23° 3	29°19	M12
T 13	3 38 24	23°42'43	12♏10	9°21	24°24	1°36	29°32	24°14	24°35	1°52	18°58	25°16	23°44	23°10	29°16	T 13
W14	3 42 21	24°43'45	27°12	8°59	25°40	2°23	29°44	24°11	24°36	1°52	18°57	25° 8	23°40	23°17	29°12	W14
T 15	3 46 17	25°44'48	12♐24	8°47	26°55	3° 9	29°57	24° 7	24°36	1°52	18°57	24°58	23°37	23°24	29° 9	T 15
F 16	3 50 14	26°45'52	27°34	8°D47	28°11	3°56	0♒10	24° 3	24°37	1°53	18°56	24°48	23°34	23°30	29° 6	F 16
S 17	3 54 10	27°46'56	12♒32	8°56	29°26	4°43	0°23	23°59	24°38	1°53	18°55	24°40	23°31	23°37	29° 3	S 17
S 18	3 58 7	28°48'01	27°10	9°15	0♐42	5°30	0°36	23°56	24°38	1°53	18°55	24°34	23°28	23°44	29° 0	S 18
M19	4 2 3	29°49'06	11♓24	9°42	1°57	6°16	0°49	23°52	24°39	1°53	18°54	24°30	23°24	23°50	28°57	M19
T 20	4 6 0	0♐50'12	25°13	10°17	3°13	7° 3	1° 2	23°49	24°39	1°54	18°53	24°D28	23°21	23°57	28°53	T 20
W21	4 9 56	1°51'19	8♓36	10°58	4°28	7°50	1°15	23°46	24°40	1°54	18°52	24°28	23°18	24° 4	28°50	W21
T 22	4 13 53	2°52'25	21°38	11°45	5°44	8°37	1°28	23°42	24°40	1°54	18°51	24°R29	23°15	24°11	28°47	T 22
F 23	4 17 50	3°53'32	4♈22	12°38	6°59	9°24	1°42	23°39	24°40	1°55	18°50	24°28	23°12	24°17	28°44	F 23
S 24	4 21 46	4°54'40	16°51	13°35	8°15	10°11	1°55	23°36	24°40	1°55	18°49	24°26	23° 9	24°24	28°41	S 24
S 25	4 25 43	5°55'48	29°10	14°36	9°30	10°58	2° 8	23°33	24°40	1°56	18°48	24°21	23° 5	24°31	28°38	S 25
M26	4 29 39	6°56'56	11♉19	15°41	10°46	11°45	2°22	23°30	24°41	1°56	18°48	24°13	23° 2	24°38	28°34	M26
T 27	4 33 36	7°58'05	23°23	16°49	12° 1	12°32	2°35	23°28	24°R41	1°57	18°47	24° 2	22°59	24°44	28°31	T 27
W28	4 37 32	8°59'14	5♊22	18° 0	13°17	13°19	2°48	23°25	24°41	1°58	18°46	23°49	22°56	24°51	28°28	W28
T 29	4 41 29	10° 0'24	17°17	19°13	14°32	14° 6	3° 2	23°22	24°41	1°58	18°45	23°34	22°53	24°58	28°25	T 29
F 30	4 45 26	11♐ 1'34	29♊10	20♏28	15♐48	14♒53	3♒16	23♈20	24♌40	1♓59	18♋44	23♓20	22♓50	25♊ 4	28♉22	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s24	26n43	4n53	19s27	0s55	14s 2	0n42	24s37	1s14	23s44	0s10	7n14	2s45	14n11	0n44	11s56	1s 8	26n47	4n35	1s37	2s15	28n29	17n22	2s58
F 2	15 43	28 21	5 6	18 53	0 36	14 28	0 39	24 40	1 14	23 45	0 10	7 12	2 44	14 11	0 44	11 56	1 8	26 47	4 35	1 41	2 17	28 30	17 21	2 58
S 3	16 1	28 40	5 5	18 17	0 16	14 54	0 37	24 42	1 14	23 45	0 10	7 11	2 44	14 10	0 44	11 56	1 8	26 47	4 35	1 44	2 18	28 30	17 20	2 59
S 4	16 19	27 40	4 51	17 37	0n 4	15 19	0 35	24 44	1 14	23 45	0 10	7 9	2 44	14 10	0 44	11 56	1 8	26 47	4 35	1 47	2 19	28 30	17 19	2 59
M 5	16 37	25 23	4 24	16 55	0 25	15 44	0 33	24 46	1 14	23 46	0 10	7 8	2 44	14 10	0 44	11 56	1 8	26 47	4 36	1 49	2 20	28 31	17 19	2 59
T 6	16 55	21 58	3 46	16 12	0 45	16 8	0 31	24 48	1 14	23 46	0 10	7 6	2 44	14 9	0 44	11 56	1 8	26 48	4 36	1 50	2 22	28 31	17 18	2 59
W 7	17 12	17 33	2 56	15 29	1 5	16 32	0 28	24 49	1 14	23 46	0 10	7 5	2 44	14 9	0 44	11 56	1 7	26 48	4 36	1 50	2 23	28 32	17 17	2 59
T 8	17 29	12 18	1 58	14 48	1 23	16 56	0 26	24 50	1 15	23 46	0 10	7 3	2 44	14 9	0 44	11 56	1 7	26 48	4 36	1 49	2 24	28 32	17 16	2 59
F 9	17 46	6 22	0 51	14 10	1 40	17 19	0 24	24 51	1 15	23 47	0 10	7 2	2 43	14 8	0 44	11 56	1 7	26 49	4 36	1 49	2 25	28 33	17 15	3 0
S 10	18 3	0s 1	0s20	13 36	1 55	17 41	0 22	24 51	1 15	23 47	0 11	7 1	2 43	14 8	0 44	11 56	1 7	26 49	4 37	1 49	2 27	28 33	17 15	3 0
S 11	18 19	6 38	1 33	13 6	2 8	18 3	0 19	24 51	1 15	23 47	0 11	6 59	2 43	14 8	0 44	11 56	1 7	26 49	4 37	1 50	2 28	28 33	17 14	3 0
M12	18 35	13 9	2 42	12 42	2 19	18 25	0 17	24 51	1 15	23 47	0 11	6 58	2 43	14 7	0 44	11 56	1 7	26 49	4 37	1 51	2 29	28 34	17 13	3 0
T 13	18 50	19 7	3 42	12 23	2 27	18 46	0 15	24 51	1 15	23 47	0 11	6 57	2 43	14 7	0 44	11 56	1 7	26 50	4 37	1 54	2 31	28 34	17 12	3 0
W14	19 5	24 2	4 29	12 10	2 34	19 7	0 12	24 50	1 15	23 47	0 11	6 55	2 42	14 7	0 45	11 56	1 7	26 50	4 37	1 57	2 32	28 35	17 11	3 0
T 15	19 20	27 20	4 56	12 2	2 38	19 27	0 10	24 49	1 15	23 48	0 11	6 54	2 42	14 7	0 45	11 56	1 7	26 50	4 37	2 1	2 33	28 35	17 10	3 1
F 16	19 34	28 38	5 3	11 59	2 41	19 46	0 7	24 48	1 15	23 48	0 11	6 53	2 42	14 7	0 45	11 56	1 7	26 50	4 38	2 5	2 34	28 35	17 10	3 1
S 17	19 48	27 48	4 49	12 1	2 42	20 5	0 5	24 46	1 15	23 48	0 11	6 52	2 42	14 6	0 45	11 55	1 7	26 51	4 38	2 8	2 36	28 36	17 9	3 1
S 18	20 2	25 3	4 16	12 7	2 42	20 24	0 3	24 44	1 15	23 48	0 11	6 51	2 42	14 6	0 45	11 55	1 7	26 51	4 38	2 11	2 37	28 36	17 8	3 1
M19	20 15	20 48	3 28	12 17	2 41	20 42	0 0	24 42	1 15	23 48	0 11	6 50	2 41	14 6	0 45	11 55	1 7	26 51	4 38	2 12	2 38	28 36	17 7	3 1
T 20	20 28	15 33	2 29	12 30	2 38	20 59	0s 2	24 40	1 15	23 48	0 11	6 49	2 41	14 6	0 45	11 55	1 7	26 52	4 38	2 13	2 39	28 37	17 6	3 1
W21	20 41	9 41	1 23	12 46	2 35	21 16	0 4	24 37	1 15	23 48	0 12	6 48	2 41	14 6	0 45	11 55	1 7	26 52	4 38	2 13	2 41	28 37	17 6	3 1
T 22	20 53	3 34	0 15	13 5	2 31	21 32	0 7	24 34	1 15	23 48	0 12	6 47	2 41	14 6	0 45	11 55	1 7	26 52	4 39	2 13	2 42	28 37	17 5	3 1
F 23	21 5	2n33	0n52	13 26	2 26	21 47	0 9	24 31	1 15	23 48	0 12	6 46	2 40	14 6	0 45	11 55	1 7	26 52	4 39	2 13	2 43	28 37	17 4	3 2
S 24	21 16	8 27	1 56	13 48	2 20	22 2	0 12	24 27	1 14	23 48	0 12	6 45	2 40	14 6	0 45	11 54	1 7	26 53	4 39	2 14	2 44	28 38	17 3	3 2
S 25	21 27	13 56	2 53	14 12	2 14	22 16	0 14	24 23	1 14	23 47	0 12	6 44	2 40	14 6	0 45	11 54	1 7	26 53	4 39	2 16	2 46	28 38	17 2	3 2
M26	21 37	18 50	3 41	14 37	2 8	22 29	0 16	24 19	1 14	23 47	0 12	6 43	2 40	14 6	0 45	11 54	1 7	26 53	4 39	2 19	2 47	28 38	17 2	3 2
T 27	21 48	22 55	4 19	15 3	2 1	22 42	0 19	24 15	1 14	23 47	0 12	6 42	2 39	14 6	0 45	11 54	1 7	26 54	4 39	2 23	2 48	28 39	17 1	3 2
W28	21 57	26 1	4 45	15 29	1 54	22 54	0 21	24 10	1 14	23 47	0 12	6 42	2 39	14 6	0 45	11 54	1 7	26 54	4 40	2 28	2 50	28 39	17 0	3 2
T 29	22 6	27 56	4 58	15 57	1 47	23 6	0 23	24 5	1 14	23 47	0 12	6 41	2 39	14 6	0 45	11 53	1 7	26 54	4 40	2 34	2 51	28 39	16 59	3 2
F 30	22s15	28n34	4n58	16s24	1n39	23s16	0s26	24s 0	1s14	23s46	0s12	6n40	2s39	14n 6	0n45	11s53	1s 7	26n54	4n40	2s40	2s52	28n39	16n58	3s 2

Julian Day Number = 1978132.5, Delta T = 01h00m14s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'10, Lahiri = 5°48'11 Julian Calendar 1 Nov. 703 == Greg. Calendar 5 Nov. 703

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ASTRODIENST EPHEMERIS for the year 703
geocentric

DECEMBER 703 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 49 22	12♐ 2'45	11♋ 2	21♏45	17♐ 3	15♑40	3♑29	23°R18	24°R40	1♓59	18°R43	23°R 6	22♓46	25♊11	28°R19	S 1
S 2	4 53 19	13° 3'56	22°54	23° 4	18°19	16°27	3°43	23♈15	24♌40	2° 0	18♋42	22♓55	22°43	25°18	28♉16	S 2
M 3	4 57 15	14° 5'08	4♌50	24°24	19°34	17°14	3°56	23°13	24°40	2° 1	18°40	22°46	22°40	25°25	28°13	M 3
T 4	5 1 12	15° 6'20	16°53	25°46	20°50	18° 1	4°10	23°11	24°39	2° 2	18°39	22°41	22°37	25°31	28°10	T 4
W 5	5 5 8	16° 7'32	29° 6	27° 8	22° 5	18°48	4°24	23° 9	24°39	2° 3	18°38	22°38	22°34	25°38	28° 7	W 5
T 6	5 9 5	17° 8'45	11♍34	28°32	23°20	19°35	4°38	23° 7	24°38	2° 3	18°37	22°37	22°30	25°45	28° 4	T 6
F 7	5 13 1	18° 9'58	24°22	29°56	24°36	20°23	4°51	23° 5	24°38	2° 4	18°36	22°37	22°27	25°52	28° 1	F 7
S 8	5 16 58	19°11'12	7♎34	1♐21	25°51	21°10	5° 5	23° 4	24°37	2° 5	18°35	22°36	22°24	25°58	27°58	S 8
S 9	5 20 55	20°12'26	21°15	2°47	27° 7	21°57	5°19	23° 2	24°37	2° 6	18°34	22°34	22°21	26° 5	27°55	S 9
M10	5 24 51	21°13'40	5♏26	4°14	28°22	22°44	5°33	23° 1	24°36	2° 7	18°32	22°29	22°18	26°12	27°52	M10
T 11	5 28 48	22°14'55	20° 5	5°41	29°38	23°31	5°47	22°59	24°35	2° 8	18°31	22°22	22°15	26°18	27°49	T 11
W12	5 32 44	23°16'09	5♐ 9	7° 9	0♑53	24°19	6° 1	22°58	24°35	2° 9	18°30	22°12	22°11	26°25	27°47	W12
T 13	5 36 41	24°17'24	20°28	8°38	2° 8	25° 6	6°15	22°57	24°34	2°10	18°29	22° 0	22° 8	26°32	27°44	T 13
F 14	5 40 37	25°18'39	5♑50	10° 7	3°24	25°53	6°29	22°56	24°33	2°12	18°28	21°48	22° 5	26°39	27°41	F 14
S 15	5 44 34	26°19'54	21° 4	11°36	4°39	26°40	6°43	22°55	24°32	2°13	18°26	21°38	22° 2	26°45	27°38	S 15
S 16	5 48 30	27°21'08	6♒ 0	13° 6	5°55	27°28	6°57	22°54	24°31	2°14	18°25	21°29	21°59	26°52	27°36	S 16
M17	5 52 27	28°22'21	20°29	14°37	7°10	28°15	7°11	22°54	24°30	2°15	18°24	21°24	21°56	26°59	27°33	M17
T 18	5 56 24	29°23'34	4♓30	16° 8	8°25	29° 2	7°25	22°53	24°29	2°16	18°23	21°21	21°52	27° 5	27°31	T 18
W19	6 0 20	0♑24'47	18° 1	17°39	9°41	29°49	7°39	22°53	24°28	2°18	18°21	21°D20	21°49	27°12	27°28	W19
T 20	6 4 17	1°25'58	1♈ 6	19°11	10°56	0♒37	7°53	22°52	24°26	2°19	18°20	21°R20	21°46	27°19	27°25	T 20
F 21	6 8 13	2°27'09	13°48	20°44	12°11	1°24	8° 7	22°52	24°25	2°20	18°19	21°20	21°43	27°26	27°23	F 21
S 22	6 12 10	3°28'19	26°12	22°16	13°27	2°11	8°21	22°D52	24°24	2°22	18°17	21°18	21°40	27°32	27°21	S 22
S 23	6 16 6	4°29'29	8♉24	23°50	14°42	2°58	8°36	22°52	24°22	2°23	18°16	21°13	21°36	27°39	27°18	S 23
M24	6 20 3	5°30'38	20°26	25°24	15°57	3°46	8°50	22°52	24°21	2°24	18°15	21° 6	21°33	27°46	27°16	M24
T 25	6 23 59	6°31'46	2♊22	26°58	17°13	4°33	9° 4	22°53	24°20	2°26	18°13	20°55	21°30	27°53	27°14	T 25
W26	6 27 56	7°32'53	14°15	28°33	18°28	5°20	9°18	22°53	24°18	2°27	18°12	20°43	21°27	27°59	27°11	W26
T 27	6 31 53	8°34'00	26° 7	0♑ 8	19°43	6° 7	9°32	22°53	24°17	2°29	18°11	20°29	21°24	28° 6	27° 9	T 27
F 28	6 35 49	9°35'06	8♋ 0	1°44	20°58	6°55	9°46	22°54	24°15	2°30	18° 9	20°15	21°21	28°13	27° 7	F 28
S 29	6 39 46	10°36'11	19°55	3°20	22°14	7°42	10° 0	22°55	24°13	2°32	18° 8	20° 2	21°17	28°19	27° 5	S 29
S 30	6 43 42	11°37'15	1♌53	4°57	23°29	8°29	10°14	22°56	24°12	2°33	18° 7	19°50	21°14	28°26	27° 3	S 30
M31	6 47 39	12♑38'19	13♌56	6♑35	24♑44	9♒16	10♑29	22♈57	24♌10	2♓35	18♋ 5	19♓42	21♓11	28♊33	27♉ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s24	27n53	4n45	16s51	1n32	23s26	0s28	23s54	1s14	23s46	0s12	6n40	2s38	14n 6	0n45	11s53	1s 7	26n55	4n40	2s45	2s53	28n39	16n58	3s 2
S 2	22 32	25 55	4 20	17 19	1 24	23 36	0 30	23 48	1 14	23 46	0 13	6 39	2 38	14 6	0 45	11 52	1 7	26 55	4 40	2 50	2 55	28 40	16 57	3 2
M 3	22 39	22 48	3 44	17 46	1 16	23 44	0 32	23 42	1 14	23 46	0 13	6 38	2 38	14 6	0 45	11 52	1 7	26 55	4 40	2 53	2 56	28 40	16 56	3 2
T 4	22 46	18 41	2 57	18 14	1 8	23 52	0 35	23 36	1 13	23 45	0 13	6 38	2 38	14 7	0 45	11 52	1 7	26 56	4 40	2 56	2 57	28 40	16 56	3 3
W 5	22 53	13 45	2 1	18 40	1 1	23 59	0 37	23 29	1 13	23 45	0 13	6 37	2 37	14 7	0 45	11 51	1 7	26 56	4 41	2 57	2 58	28 40	16 55	3 3
T 6	22 59	8 10	0 58	19 7	0 53	24 5	0 39	23 22	1 13	23 45	0 13	6 37	2 37	14 7	0 46	11 51	1 7	26 56	4 41	2 57	3 0	28 40	16 54	3 3
F 7	23 5	2 7	0s 9	19 33	0 45	24 11	0 41	23 15	1 13	23 44	0 13	6 37	2 37	14 7	0 46	11 51	1 7	26 57	4 41	2 57	3 1	28 41	16 53	3 3
S 8	23 10	4s13	1 18	19 58	0 37	24 16	0 43	23 8	1 13	23 44	0 13	6 36	2 36	14 7	0 46	11 50	1 7	26 57	4 41	2 57	3 2	28 41	16 53	3 3
S 9	23 15	10 35	2 25	20 23	0 30	24 20	0 45	23 0	1 13	23 43	0 13	6 36	2 36	14 8	0 46	11 50	1 7	26 57	4 41	2 58	3 3	28 41	16 52	3 3
M10	23 19	16 39	3 25	20 47	0 22	24 23	0 48	22 52	1 12	23 43	0 13	6 36	2 36	14 8	0 46	11 50	1 7	26 57	4 41	3 0	3 5	28 41	16 51	3 3
T 11	23 23	21 58	4 14	21 10	0 15	24 26	0 50	22 44	1 12	23 42	0 13	6 36	2 36	14 8	0 46	11 49	1 7	26 58	4 41	3 3	3 6	28 41	16 51	3 3
W12	23 26	26 0	4 47	21 33	0 7	24 28	0 52	22 35	1 12	23 42	0 13	6 35	2 35	14 8	0 46	11 49	1 6	26 58	4 42	3 7	3 7	28 41	16 50	3 3
T 13	23 29	28 15	5 0	21 54	0s 0	24 29	0 54	22 27	1 12	23 41	0 14	6 35	2 35	14 9	0 46	11 48	1 6	26 58	4 42	3 12	3 8	28 41	16 49	3 3
F 14	23 32	28 19	4 51	22 15	0 7	24 29	0 55	22 18	1 12	23 41	0 14	6 35	2 35	14 9	0 46	11 48	1 6	26 59	4 42	3 16	3 10	28 42	16 49	3 3
S 15	23 33	26 15	4 22	22 35	0 15	24 29	0 57	22 8	1 11	23 40	0 14	6 35	2 34	14 9	0 46	11 48	1 6	26 59	4 42	3 21	3 11	28 42	16 48	3 3
S 16	23 35	22 22	3 35	22 53	0 22	24 28	0 59	21 59	1 11	23 39	0 14	6 35	2 34	14 10	0 46	11 47	1 6	26 59	4 42	3 24	3 12	28 42	16 47	3 3
M17	23 36	17 13	2 35	23 11	0 28	24 26	1 1	21 49	1 11	23 39	0 14	6 35	2 34	14 10	0 46	11 47	1 6	27 0	4 42	3 26	3 13	28 42	16 47	3 3
T 18	23 36	11 17	1 28	23 28	0 35	24 23	1 3	21 39	1 11	23 38	0 14	6 35	2 34	14 11	0 46	11 46	1 6	27 0	4 42	3 27	3 15	28 42	16 46	3 3
W19	23 37	5 2	0 18	23 43	0 41	24 20	1 5	21 29	1 10	23 37	0 14	6 35	2 33	14 11	0 46	11 46	1 6	27 0	4 42	3 27	3 16	28 42	16 46	3 3
T 20	23 36	1n13	0n51	23 58	0 48	24 15	1 6	21 18	1 10	23 37	0 14	6 35	2 33	14 12	0 46	11 45	1 6	27 0	4 43	3 27	3 17	28 42	16 45	3 3
F 21	23 35	7 15	1 56	24 11	0 54	24 10	1 8	21 8	1 10	23 36	0 14	6 36	2 33	14 12	0 46	11 45	1 6	27 1	4 43	3 28	3 19	28 42	16 44	3 3
S 22	23 34	12 52	2 53	24 23	1 0	24 5	1 9	20 57	1 10	23 35	0 14	6 36	2 32	14 12	0 46	11 44	1 6	27 1	4 43	3 28	3 20	28 42	16 44	3 3
S 23	23 32	17 53	3 41	24 33	1 6	23 58	1 11	20 45	1 9	23 34	0 15	6 36	2 32	14 13	0 46	11 44	1 6	27 1	4 43	3 30	3 21	28 42	16 43	3 3
M24	23 30	22 8	4 19	24 43	1 11	23 51	1 12	20 34	1 9	23 33	0 15	6 37	2 32	14 13	0 46	11 43	1 6	27 2	4 43	3 33	3 22	28 42	16 43	3 3
T 25	23 27	25 26	4 45	24 51	1 16	23 43	1 14	20 22	1 9	23 32	0 15	6 37	2 31	14 14	0 46	11 43	1 6	27 2	4 43	3 37	3 24	28 42	16 42	3 3
W26	23 24	27 37	4 58	24 58	1 22	23 34	1 15	20 11	1 9	23 32	0 15	6 37	2 31	14 15	0 46	11 42	1 6	27 2	4 43	3 42	3 25	28 42	16 42	3 3
T 27	23 20	28 32	4 59	25 3	1 26	23 25	1 17	19 59	1 8	23 31	0 15	6 38	2 31	14 15	0 46	11 42	1 6	27 2	4 43	3 48	3 26	28 42	16 41	3 3
F 28	23 16	28 8	4 46	25 7	1 31	23 15	1 18	19 46	1 8	23 30	0 15	6 38	2 30	14 16	0 46	11 41	1 6	27 3	4 43	3 53	3 27	28 42	16 41	3 3
S 29	23 11	26 25	4 21	25 9	1 35	23 4	1 19	19 34	1 8	23 29	0 15	6 39	2 30	14 16	0 46	11 40	1 6	27 3	4 43	3 59	3 29	28 42	16 40	3 3
S 30	23 6	23 31	3 44	25 10	1 39	22 52	1 20	19 21	1 7	23 28	0 15	6 39	2 30	14 17	0 46	11 40	1 6	27 3	4 44	4 3	3 30	28 42	16 40	3 3
M31	23s 0	19n35	2n57	25s10	1s43	22s40	1s21	19s 8	1s 7	23s27	0s15	6n40	2s30	14n17	0n46	11s39	1s 6	27n 4	4n44	4s 6	3s31	28n42	16n40	3s 3

Julian Day Number = 1978162.5, Delta T = 01h00m13s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'14, Lahiri = 5°48'15 Julian Calendar 1 Dec. 703 == Greg. Calendar 5 Dec. 703

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ASTRODIENST EPHEMERIS for the year 704
geocentric

JANUARY 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 51 35	13♑39'22	26♌ 5	8♑13	25♑59	10♒ 3	10♑43	22♈58	24°R 8	2♓37	18°R 4	19°R37	21♓ 8	28♊40	26°R59	T 1
W 2	6 55 32	14°40'24	8♍23	9°51	27°14	10°51	10°57	22°59	24♌ 6	2°38	18♋ 3	19♓34	21° 5	28°46	26♉57	W 2
T 3	6 59 29	15°41'26	20°54	11°31	28°29	11°38	11°11	23° 0	24° 5	2°40	18° 1	19°D33	21° 2	28°53	26°55	T 3
F 4	7 3 25	16°42'27	3♎42	13°11	29°45	12°25	11°25	23° 1	24° 3	2°42	18° 0	19°34	20°58	29° 0	26°53	F 4
S 5	7 7 22	17°43'27	16°49	14°51	1♒ 0	13°12	11°39	23° 3	24° 1	2°43	17°58	19°R34	20°55	29° 7	26°52	S 5
S 6	7 11 18	18°44'27	0♏21	16°33	2°15	13°59	11°53	23° 4	23°59	2°45	17°57	19°34	20°52	29°13	26°50	S 6
M 7	7 15 15	19°45'26	14°18	18°15	3°30	14°46	12° 8	23° 6	23°57	2°47	17°56	19°31	20°49	29°20	26°49	M 7
T 8	7 19 11	20°46'24	28°42	19°57	4°45	15°33	12°22	23° 8	23°55	2°49	17°54	19°26	20°46	29°27	26°47	T 8
W 9	7 23 8	21°47'21	13♐30	21°41	6° 0	16°21	12°36	23°10	23°53	2°50	17°53	19°19	20°42	29°33	26°45	W 9
T 10	7 27 4	22°48'18	28°35	23°25	7°15	17° 8	12°50	23°12	23°51	2°52	17°52	19°10	20°39	29°40	26°44	T 10
F 11	7 31 1	23°49'13	13♑49	25° 9	8°30	17°55	13° 4	23°14	23°48	2°54	17°50	19° 1	20°36	29°47	26°43	F 11
S 12	7 34 58	24°50'08	29° 0	26°55	9°45	18°42	13°18	23°16	23°46	2°56	17°49	18°53	20°33	29°54	26°41	S 12
S 13	7 38 54	25°51'01	13♒59	28°41	11° 0	19°29	13°32	23°19	23°44	2°58	17°48	18°46	20°30	0♋ 0	26°40	S 13
M14	7 42 51	26°51'52	28°36	0♒28	12°15	20°16	13°46	23°21	23°42	3° 0	17°46	18°42	20°27	0° 7	26°39	M14
T 15	7 46 47	27°52'42	12♓46	2°15	13°30	21° 3	14° 0	23°24	23°40	3° 2	17°45	18°D40	20°23	0°14	26°38	T 15
W16	7 50 44	28°53'31	26°28	4° 3	14°45	21°50	14°14	23°27	23°37	3° 4	17°43	18°41	20°20	0°20	26°37	W16
T 17	7 54 40	29°54'18	9♈42	5°51	16° 0	22°37	14°28	23°29	23°35	3° 6	17°42	18°42	20°17	0°27	26°36	T 17
F 18	7 58 37	0♒55'03	22°30	7°40	17°15	23°24	14°42	23°32	23°33	3° 8	17°41	18°43	20°14	0°34	26°35	F 18
S 19	8 2 33	1°55'46	4♉58	9°29	18°30	24°11	14°55	23°35	23°30	3°10	17°39	18°R43	20°11	0°41	26°34	S 19
S 20	8 6 30	2°56'28	17°10	11°18	19°45	24°57	15° 9	23°38	23°28	3°12	17°38	18°42	20° 8	0°47	26°33	S 20
M21	8 10 27	3°57'08	29°11	13° 7	21° 0	25°44	15°23	23°42	23°26	3°14	17°37	18°38	20° 4	0°54	26°32	M21
T 22	8 14 23	4°57'47	11♊ 5	14°56	22°14	26°31	15°37	23°45	23°23	3°16	17°36	18°33	20° 1	1° 1	26°32	T 22
W23	8 18 20	5°58'23	22°56	16°45	23°29	27°18	15°51	23°48	23°21	3°18	17°34	18°26	19°58	1° 8	26°31	W23
T 24	8 22 16	6°58'58	4♋48	18°34	24°44	28° 5	16° 4	23°52	23°18	3°20	17°33	18°18	19°55	1°14	26°30	T 24
F 25	8 26 13	7°59'32	16°43	20°21	25°59	28°51	16°18	23°55	23°16	3°22	17°32	18°10	19°52	1°21	26°30	F 25
S 26	8 30 9	9° 0'03	28°43	22° 8	27°13	29°38	16°32	23°59	23°13	3°24	17°30	18° 3	19°48	1°28	26°30	S 26
S 27	8 34 6	10° 0'33	10♌49	23°53	28°28	0♓25	16°45	24° 3	23°11	3°26	17°29	17°56	19°45	1°34	26°29	S 27
M28	8 38 2	11° 1'01	23° 3	25°36	29°43	1°12	16°59	24° 7	23° 8	3°28	17°28	17°52	19°42	1°41	26°29	M28
T 29	8 41 59	12° 1'28	5♍26	27°16	0♓57	1°58	17°12	24°11	23° 6	3°30	17°27	17°49	19°39	1°48	26°29	T 29
W30	8 45 56	13° 1'53	17°59	28°54	2°12	2°45	17°26	24°15	23° 3	3°33	17°25	17°D48	19°36	1°55	26°29	W30
T 31	8 49 52	14♒ 2'16	0♎43	0♓29	3♓26	3♓31	17♑39	24♈19	23♌ 1	3♓35	17♋24	17♓49	19♓33	2♋ 1	26♉28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s54	14n49	2n 1	25s 8	1s47	22s27	1s22	18s55	1s 7	23s26	0s15	6n41	2s29	14n18	0n47	11s39	1s 6	27n 4	4n44	4s 9	3s32	28n42	16n39	3s 3
W 2	22 48	9 24	0 59	25 4	1 50	22 13	1 23	18 42	1 6	23 25	0 16	6 41	2 29	14 19	0 47	11 38	1 6	27 4	4 44	4 10	3 34	28 42	16 39	3 3
T 3	22 41	3 31	0s 7	24 59	1 53	21 59	1 24	18 28	1 6	23 24	0 16	6 42	2 29	14 19	0 47	11 37	1 6	27 4	4 44	4 10	3 35	28 42	16 38	3 3
F 4	22 33	2s37	1 15	24 52	1 55	21 44	1 25	18 15	1 6	23 23	0 16	6 43	2 28	14 20	0 47	11 37	1 6	27 5	4 44	4 10	3 36	28 42	16 38	3 3
S 5	22 26	8 49	2 20	24 43	1 58	21 29	1 26	18 1	1 5	23 21	0 16	6 44	2 28	14 21	0 47	11 36	1 6	27 5	4 44	4 9	3 37	28 42	16 38	3 3
S 6	22 17	14 47	3 20	24 33	2 0	21 12	1 27	17 47	1 5	23 20	0 16	6 45	2 28	14 21	0 47	11 35	1 6	27 5	4 44	4 10	3 39	28 42	16 37	3 3
M 7	22 9	20 13	4 9	24 21	2 1	20 56	1 28	17 33	1 5	23 19	0 16	6 46	2 27	14 22	0 47	11 35	1 6	27 5	4 44	4 11	3 40	28 42	16 37	3 3
T 8	21 59	24 39	4 45	24 8	2 2	20 38	1 28	17 18	1 4	23 18	0 16	6 47	2 27	14 23	0 47	11 34	1 6	27 6	4 44	4 13	3 41	28 42	16 37	3 3
W 9	21 50	27 36	5 3	23 52	2 3	20 20	1 29	17 4	1 4	23 17	0 16	6 48	2 27	14 23	0 47	11 33	1 6	27 6	4 44	4 16	3 42	28 42	16 36	3 3
T 10	21 40	28 37	5 1	23 35	2 3	20 2	1 29	16 49	1 3	23 15	0 16	6 49	2 26	14 24	0 47	11 33	1 6	27 6	4 44	4 19	3 44	28 41	16 36	3 3
F 11	21 30	27 29	4 37	23 16	2 3	19 42	1 30	16 34	1 3	23 14	0 16	6 50	2 26	14 25	0 47	11 32	1 6	27 6	4 44	4 23	3 45	28 41	16 36	3 3
S 12	21 19	24 19	3 54	22 55	2 2	19 23	1 30	16 19	1 3	23 13	0 17	6 51	2 26	14 26	0 47	11 31	1 6	27 7	4 44	4 26	3 46	28 41	16 35	3 3
S 13	21 8	19 32	2 55	22 33	2 1	19 2	1 30	16 4	1 2	23 12	0 17	6 52	2 26	14 26	0 47	11 31	1 6	27 7	4 45	4 28	3 47	28 41	16 35	3 3
M14	20 56	13 42	1 46	22 8	2 0	18 41	1 31	15 49	1 2	23 10	0 17	6 53	2 25	14 27	0 47	11 30	1 6	27 7	4 45	4 30	3 49	28 41	16 35	3 3
T 15	20 44	7 18	0 32	21 42	1 58	18 20	1 31	15 33	1 1	23 9	0 17	6 54	2 25	14 28	0 47	11 29	1 6	27 7	4 45	4 31	3 50	28 41	16 35	3 3
W16	20 32	0 47	0n42	21 14	1 55	17 58	1 31	15 17	1 1	23 7	0 17	6 56	2 25	14 29	0 47	11 29	1 6	27 8	4 45	4 31	3 51	28 41	16 35	3 3
T 17	20 19	5n34	1 51	20 45	1 52	17 36	1 31	15 2	1 1	23 6	0 17	6 57	2 24	14 30	0 47	11 28	1 6	27 8	4 45	4 30	3 53	28 40	16 34	3 2
F 18	20 6	11 28	2 52	20 13	1 48	17 13	1 31	14 46	1 0	23 5	0 17	6 58	2 24	14 30	0 47	11 27	1 6	27 8	4 45	4 30	3 54	28 40	16 34	3 2
S 19	19 52	16 46	3 43	19 40	1 43	16 50	1 31	14 30	1 0	23 3	0 17	7 0	2 24	14 31	0 47	11 26	1 6	27 8	4 45	4 30	3 55	28 40	16 34	3 2
S 20	19 38	21 17	4 23	19 5	1 38	16 26	1 31	14 13	0 59	23 2	0 17	7 1	2 23	14 32	0 47	11 26	1 6	27 9	4 45	4 30	3 56	28 40	16 34	3 2
M21	19 24	24 51	4 51	18 29	1 33	16 2	1 30	13 57	0 59	23 0	0 18	7 3	2 23	14 33	0 47	11 25	1 6	27 9	4 45	4 31	3 58	28 40	16 34	3 2
T 22	19 10	27 18	5 6	17 50	1 26	15 37	1 30	13 41	0 58	22 59	0 18	7 4	2 23	14 34	0 47	11 24	1 6	27 9	4 45	4 34	3 59	28 39	16 34	3 2
W23	18 55	28 32	5 7	17 11	1 19	15 12	1 30	13 24	0 58	22 57	0 18	7 6	2 23	14 34	0 47	11 23	1 6	27 9	4 45	4 36	4 0	28 39	16 34	3 2
T 24	18 39	28 27	4 56	16 30	1 11	14 46	1 29	13 7	0 57	22 56	0 18	7 7	2 22	14 35	0 47	11 23	1 6	27 9	4 45	4 39	4 1	28 39	16 34	3 2
F 25	18 24	27 2	4 31	15 48	1 3	14 20	1 29	12 51	0 57	22 54	0 18	7 9	2 22	14 36	0 47	11 22	1 6	27 10	4 45	4 43	4 3	28 39	16 34	3 2
S 26	18 8	24 23	3 55	15 5	0 54	13 54	1 28	12 34	0 56	22 53	0 18	7 10	2 22	14 37	0 47	11 21	1 6	27 10	4 45	4 45	4 4	28 38	16 34	3 2
S 27	17 52	20 39	3 7	14 21	0 44	13 27	1 27	12 17	0 56	22 51	0 18	7 12	2 22	14 38	0 47	11 20	1 6	27 10	4 45	4 48	4 5	28 38	16 34	3 2
M28	17 35	15 59	2 11	13 36	0 33	13 0	1 27	11 59	0 56	22 50	0 18	7 14	2 21	14 39	0 47	11 19	1 6	27 10	4 45	4 50	4 6	28 38	16 34	3 2
T 29	17 18	10 37	1 7	12 51	0 22	12 33	1 26	11 42	0 55	22 48	0 19	7 15	2 21	14 39	0 47	11 19	1 6	27 10	4 45	4 51	4 8	28 38	16 34	3 2
W30	17 1	4 46	0s 1	12 5	0 10	12 5	1 25	11 25	0 55	22 46	0 19	7 17	2 21	14 40	0 47	11 18	1 6	27 11	4 45	4 51	4 9	28 37	16 34	3 2
T 31	16s44	1s21	1s10	11s20	0n 3	11s37	1s24	11s 8	0s54	22s45	0s19	7n19	2s20	14n41	0n47	11s17	1s 6	27n11	4n45	4s51	4s10	28n37	16n34	3s 2

Julian Day Number = 1978193.5, Delta T = 01h00m12s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'19, Lahiri = 5°48'19 Julian Calendar 1 Jan. 704 == Greg. Calendar 5 Jan. 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

FEBRUARY 704 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 53 49	15♒ 2'38	13♎42	1♓59	4♓41	4♓18	17♑53	24♈23	22°R58	3♓37	17°R23	17♓51	19♓29	2♋ 8	26°D28	F 1
S 2	8 57 45	16° 2'58	26°56	3°25	5°55	5° 4	18° 6	24°27	22♌55	3°39	17♋22	17°52	19°26	2°15	26♉28	S 2
S 3	9 1 42	17° 3'17	10♏28	4°45	7°10	5°51	18°19	24°32	22°53	3°41	17°21	17°53	19°23	2°21	26°29	S 3
M 4	9 5 38	18° 3'34	24°19	6° 0	8°24	6°37	18°33	24°36	22°50	3°43	17°20	17°R53	19°20	2°28	26°29	M 4
T 5	9 9 35	19° 3'50	8♐29	7° 8	9°39	7°24	18°46	24°41	22°48	3°46	17°18	17°52	19°17	2°35	26°29	T 5
W 6	9 13 31	20° 4'05	22°56	8°10	10°53	8°10	18°59	24°46	22°45	3°48	17°17	17°50	19°14	2°42	26°29	W 6
T 7	9 17 28	21° 4'17	7♑37	9° 3	12° 7	8°56	19°12	24°50	22°42	3°50	17°16	17°46	19°10	2°48	26°30	T 7
F 8	9 21 25	22° 4'29	22°27	9°49	13°22	9°43	19°25	24°55	22°40	3°52	17°15	17°42	19° 7	2°55	26°30	F 8
S 9	9 25 21	23° 4'38	7♒17	10°26	14°36	10°29	19°38	25° 0	22°37	3°55	17°14	17°39	19° 4	3° 2	26°30	S 9
S 10	9 29 18	24° 4'46	22° 0	10°54	15°50	11°15	19°51	25° 5	22°34	3°57	17°13	17°36	19° 1	3° 9	26°31	S 10
M11	9 33 14	25° 4'51	6♓28	11°13	17° 4	12° 1	20° 4	25°10	22°32	3°59	17°12	17°35	18°58	3°15	26°32	M11
T 12	9 37 11	26° 4'55	20°35	11°23	18°19	12°47	20°17	25°16	22°29	4° 1	17°11	17°D34	18°54	3°22	26°32	T 12
W13	9 41 7	27° 4'56	4♈19	11°R23	19°33	13°34	20°30	25°21	22°27	4° 4	17°10	17°35	18°51	3°29	26°33	W13
T 14	9 45 4	28° 4'55	17°37	11°15	20°47	14°20	20°42	25°26	22°24	4° 6	17° 9	17°36	18°48	3°35	26°34	T 14
F 15	9 49 0	29° 4'52	0♉32	10°58	22° 1	15° 6	20°55	25°32	22°21	4° 8	17° 8	17°38	18°45	3°42	26°35	F 15
S 16	9 52 57	0♓ 4'47	13° 6	10°32	23°15	15°52	21° 7	25°37	22°19	4°10	17° 7	17°39	18°42	3°49	26°36	S 16
S 17	9 56 54	1° 4'40	25°22	9°59	24°29	16°38	21°20	25°43	22°16	4°13	17° 6	17°40	18°39	3°56	26°37	S 17
M18	10 0 50	2° 4'30	7♊26	9°20	25°43	17°24	21°32	25°48	22°14	4°15	17° 5	17°R40	18°35	4° 2	26°38	M18
T 19	10 4 47	3° 4'18	19°21	8°34	26°57	18° 9	21°45	25°54	22°11	4°17	17° 4	17°39	18°32	4° 9	26°39	T 19
W20	10 8 43	4° 4'04	1♋13	7°44	28°11	18°55	21°57	26° 0	22° 8	4°20	17° 3	17°38	18°29	4°16	26°40	W20
T 21	10 12 40	5° 3'48	13° 6	6°51	29°24	19°41	22° 9	26° 5	22° 6	4°22	17° 2	17°36	18°26	4°22	26°41	T 21
F 22	10 16 36	6° 3'29	25° 3	5°55	0♈38	20°27	22°21	26°11	22° 3	4°24	17° 2	17°34	18°23	4°29	26°43	F 22
S 23	10 20 33	7° 3'08	7♌ 8	4°59	1°52	21°12	22°33	26°17	22° 1	4°26	17° 1	17°33	18°19	4°36	26°44	S 23
S 24	10 24 29	8° 2'45	19°23	4° 2	3° 6	21°58	22°45	26°23	21°58	4°29	17° 0	17°31	18°16	4°43	26°46	S 24
M25	10 28 26	9° 2'19	1♍49	3° 8	4°19	22°44	22°57	26°29	21°56	4°31	16°59	17°30	18°13	4°49	26°47	M25
T 26	10 32 23	10° 1'51	14°29	2°15	5°33	23°29	23° 9	26°36	21°53	4°33	16°58	17°D30	18°10	4°56	26°49	T 26
W27	10 36 19	11° 1'22	27°23	1°26	6°46	24°15	23°21	26°42	21°51	4°35	16°58	17°30	18° 7	5° 3	26°50	W27
T 28	10 40 16	12° 0'50	10♎30	0°41	8° 0	25° 0	23°33	26°48	21°49	4°38	16°57	17°31	18° 4	5° 9	26°52	T 28
F 29	10 44 12	13♓ 0'16	23♎50	0♓ 1	9♈13	25♓46	23♑44	26♈54	21♌46	4♓40	16♋56	17♓31	18♓ 0	5♋16	26♉54	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s26	7s32	2s17	10s36	0n16	11s 9	1s23	10s50	0s54	22s43	0s19	7n21	2s20	14n42	0n47	11s16	1s 6	27n11	4n45	4s50	4s11	28n37	16n34	3s 2
S 2	16 8	13 31	3 18	9 52	0 30	10 41	1 22	10 32	0 53	22 41	0 19	7 23	2 20	14 43	0 47	11 15	1 6	27 11	4 45	4 50	4 13	28 36	16 34	3 1
S 3	15 50	19 0	4 9	9 9	0 44	10 12	1 21	10 15	0 53	22 40	0 19	7 24	2 20	14 44	0 47	11 15	1 6	27 11	4 45	4 49	4 14	28 36	16 34	3 1
M 4	15 32	23 37	4 47	8 28	0 59	9 43	1 20	9 57	0 52	22 38	0 19	7 26	2 19	14 45	0 47	11 14	1 6	27 11	4 45	4 49	4 15	28 36	16 34	3 1
T 5	15 13	26 57	5 9	7 49	1 14	9 13	1 19	9 39	0 52	22 36	0 19	7 28	2 19	14 46	0 47	11 13	1 6	27 12	4 45	4 50	4 16	28 35	16 34	3 1
W 6	14 54	28 36	5 12	7 12	1 29	8 44	1 17	9 21	0 51	22 35	0 20	7 30	2 19	14 46	0 47	11 12	1 6	27 12	4 45	4 51	4 18	28 35	16 34	3 1
T 7	14 35	28 17	4 55	6 38	1 44	8 14	1 16	9 3	0 51	22 33	0 20	7 32	2 19	14 47	0 47	11 11	1 6	27 12	4 45	4 52	4 19	28 35	16 34	3 1
F 8	14 15	25 58	4 18	6 7	1 58	7 44	1 15	8 45	0 50	22 31	0 20	7 34	2 18	14 48	0 47	11 11	1 6	27 12	4 45	4 54	4 20	28 34	16 35	3 1
S 9	13 55	21 51	3 23	5 40	2 13	7 14	1 13	8 27	0 49	22 29	0 20	7 36	2 18	14 49	0 47	11 10	1 6	27 12	4 45	4 55	4 21	28 34	16 35	3 1
S 10	13 35	16 25	2 16	5 16	2 27	6 43	1 11	8 9	0 49	22 28	0 20	7 38	2 18	14 50	0 47	11 9	1 6	27 12	4 45	4 56	4 23	28 34	16 35	3 1
M11	13 15	10 9	1 1	4 56	2 41	6 13	1 10	7 51	0 48	22 26	0 20	7 40	2 18	14 51	0 47	11 8	1 6	27 12	4 45	4 57	4 24	28 33	16 35	3 1
T 12	12 55	3 30	0n17	4 41	2 53	5 42	1 8	7 32	0 48	22 24	0 20	7 43	2 17	14 52	0 47	11 7	1 6	27 13	4 45	4 57	4 25	28 33	16 35	3 1
W13	12 34	3n 7	1 31	4 30	3 5	5 11	1 6	7 14	0 47	22 22	0 20	7 45	2 17	14 52	0 47	11 6	1 6	27 13	4 45	4 56	4 26	28 32	16 36	3 1
T 14	12 13	9 24	2 38	4 23	3 15	4 40	1 5	6 56	0 47	22 20	0 21	7 47	2 17	14 53	0 47	11 6	1 6	27 13	4 45	4 56	4 28	28 32	16 36	3 1
F 15	11 53	15 6	3 35	4 22	3 24	4 9	1 3	6 37	0 46	22 19	0 21	7 49	2 17	14 54	0 47	11 5	1 6	27 13	4 45	4 55	4 29	28 32	16 36	3 0
S 16	11 31	20 0	4 20	4 24	3 32	3 38	1 1	6 19	0 46	22 17	0 21	7 51	2 16	14 55	0 47	11 4	1 6	27 13	4 45	4 55	4 30	28 31	16 36	3 0
S 17	11 10	23 58	4 52	4 31	3 38	3 6	0 59	6 0	0 45	22 15	0 21	7 53	2 16	14 56	0 47	11 3	1 6	27 13	4 45	4 55	4 31	28 31	16 37	3 0
M18	10 49	26 49	5 11	4 42	3 42	2 35	0 57	5 42	0 45	22 13	0 21	7 56	2 16	14 57	0 47	11 2	1 6	27 13	4 45	4 55	4 33	28 30	16 37	3 0
T 19	10 27	28 25	5 16	4 58	3 44	2 4	0 55	5 23	0 44	22 11	0 21	7 58	2 16	14 58	0 47	11 2	1 6	27 13	4 45	4 55	4 34	28 30	16 37	3 0
W20	10 5	28 43	5 7	5 16	3 44	1 32	0 53	5 5	0 43	22 9	0 21	8 0	2 16	14 58	0 47	11 1	1 6	27 13	4 45	4 55	4 35	28 29	16 38	3 0
T 21	9 43	27 41	4 45	5 38	3 42	1 0	0 50	4 46	0 43	22 8	0 22	8 3	2 15	14 59	0 47	11 0	1 6	27 14	4 45	4 56	4 36	28 29	16 38	3 0
F 22	9 21	25 23	4 11	6 2	3 38	0 29	0 48	4 28	0 42	22 6	0 22	8 5	2 15	15 0	0 47	10 59	1 6	27 14	4 45	4 57	4 38	28 28	16 38	3 0
S 23	8 59	21 56	3 25	6 28	3 32	0n 3	0 46	4 9	0 42	22 4	0 22	8 7	2 15	15 1	0 47	10 58	1 6	27 14	4 45	4 57	4 39	28 28	16 39	3 0
S 24	8 37	17 29	2 29	6 56	3 24	0 34	0 44	3 50	0 41	22 2	0 22	8 10	2 15	15 2	0 47	10 57	1 6	27 14	4 45	4 58	4 40	28 27	16 39	3 0
M25	8 14	12 14	1 26	7 24	3 15	1 6	0 41	3 32	0 41	22 0	0 22	8 12	2 15	15 2	0 47	10 57	1 6	27 14	4 45	4 58	4 41	28 27	16 40	3 0
T 26	7 52	6 24	0 17	7 53	3 4	1 38	0 39	3 13	0 40	21 58	0 22	8 15	2 14	15 3	0 47	10 56	1 6	27 14	4 45	4 58	4 43	28 26	16 40	3 0
W27	7 29	0 13	0s54	8 22	2 52	2 9	0 36	2 54	0 39	21 57	0 22	8 17	2 14	15 4	0 47	10 55	1 6	27 14	4 45	4 58	4 44	28 26	16 40	3 0
T 28	7 6	6s 5	2 4	8 49	2 39	2 41	0 34	2 36	0 39	21 55	0 23	8 19	2 14	15 5	0 47	10 54	1 6	27 14	4 45	4 58	4 45	28 25	16 41	3 0
F 29	6s43	12s13	3s 8	9s16	2n26	3n12	0s31	2s17	0s38	21s53	0s23	8n22	2s14	15n 6	0n47	10s53	1s 6	27n14	4n45	4s58	4s46	28n25	16n41	3s 0

Julian Day Number = 1978224.5, Delta T = 01h00m11s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'23, Lahiri = 5°48'23 Julian Calendar 1 Feb. 704 == Greg. Calendar 5 Feb. 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

MARCH 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 48 9	13♓59'41	7♏23	29°R27	10♈27	26♓31	23♑56	27♈ 1	21°R44	4♓42	16°R56	17♓31	17♓57	5♋23	26♉55	S 1
S 2	10 52 5	14°59'03	21° 8	28♒58	11°40	27°16	24° 7	27° 7	21♌42	4°44	16♋55	17°32	17°54	5°30	26°57	S 2
M 3	10 56 2	15°58'24	5♐ 5	28°34	12°53	28° 2	24°18	27°14	21°39	4°47	16°54	17°32	17°51	5°36	26°59	M 3
T 4	10 59 58	16°57'43	19°12	28°17	14° 7	28°47	24°30	27°20	21°37	4°49	16°54	17°32	17°48	5°43	27° 1	T 4
W 5	11 3 55	17°57'01	3♑26	28° 5	15°20	29°32	24°41	27°27	21°35	4°51	16°53	17°32	17°45	5°50	27° 3	W 5
T 6	11 7 52	18°56'16	17°46	28°D 0	16°33	0♈17	24°52	27°34	21°32	4°53	16°53	17°32	17°41	5°56	27° 5	T 6
F 7	11 11 48	19°55'30	2♒ 9	28° 0	17°46	1° 2	25° 3	27°40	21°30	4°56	16°52	17°32	17°38	6° 3	27° 7	F 7
S 8	11 15 45	20°54'42	16°30	28° 6	18°59	1°47	25°14	27°47	21°28	4°58	16°52	17°32	17°35	6°10	27°10	S 8
S 9	11 19 41	21°53'51	0♓45	28°17	20°12	2°32	25°24	27°54	21°26	5° 0	16°51	17°33	17°32	6°17	27°12	S 9
M10	11 23 38	22°52'59	14°50	28°33	21°25	3°17	25°35	28° 1	21°24	5° 2	16°51	17°R33	17°29	6°23	27°14	M10
T 11	11 27 34	23°52'05	28°40	28°54	22°38	4° 2	25°46	28° 8	21°22	5° 4	16°50	17°33	17°25	6°30	27°16	T 11
W12	11 31 31	24°51'08	12♈13	29°20	23°51	4°47	25°56	28°15	21°20	5° 7	16°50	17°32	17°22	6°37	27°19	W12
T 13	11 35 27	25°50'09	25°26	29°50	25° 4	5°32	26° 6	28°22	21°17	5° 9	16°50	17°32	17°19	6°43	27°21	T 13
F 14	11 39 24	26°49'09	8♉20	0♓24	26°16	6°17	26°17	28°29	21°15	5°11	16°49	17°30	17°16	6°50	27°24	F 14
S 15	11 43 21	27°48'05	20°55	1° 3	27°29	7° 2	26°27	28°36	21°14	5°13	16°49	17°29	17°13	6°57	27°26	S 15
S 16	11 47 17	28°47'00	3♊14	1°45	28°42	7°46	26°37	28°43	21°12	5°15	16°49	17°28	17°10	7° 4	27°29	S 16
M17	11 51 14	29°45'52	15°20	2°31	29°54	8°31	26°47	28°50	21°10	5°17	16°48	17°27	17° 6	7°10	27°32	M17
T 18	11 55 10	0♈44'43	27°17	3°20	1♉ 7	9°15	26°57	28°57	21° 8	5°19	16°48	17°D26	17° 3	7°17	27°34	T 18
W19	11 59 7	1°43'30	9♋10	4°13	2°19	10° 0	27° 6	29° 4	21° 6	5°22	16°48	17°26	17° 0	7°24	27°37	W19
T 20	12 3 3	2°42'16	21° 3	5° 8	3°32	10°44	27°16	29°12	21° 4	5°24	16°48	17°27	16°57	7°30	27°40	T 20
F 21	12 7 0	3°40'59	3♌ 1	6° 7	4°44	11°29	27°25	29°19	21° 3	5°26	16°48	17°28	16°54	7°37	27°43	F 21
S 22	12 10 56	4°39'40	15° 9	7° 8	5°56	12°13	27°35	29°26	21° 1	5°28	16°48	17°30	16°51	7°44	27°46	S 22
S 23	12 14 53	5°38'18	27°30	8°12	7° 8	12°58	27°44	29°34	20°59	5°30	16°47	17°31	16°47	7°51	27°49	S 23
M24	12 18 49	6°36'54	10♍ 7	9°19	8°21	13°42	27°53	29°41	20°58	5°32	16°47	17°32	16°44	7°57	27°52	M24
T 25	12 22 46	7°35'28	23° 2	10°28	9°33	14°26	28° 2	29°48	20°56	5°34	16°47	17°R32	16°41	8° 4	27°55	T 25
W26	12 26 43	8°34'01	6♎15	11°39	10°45	15°10	28°11	29°56	20°55	5°36	16°47	17°31	16°38	8°11	27°58	W26
T 27	12 30 39	9°32'31	19°47	12°53	11°56	15°54	28°19	0♉ 3	20°53	5°38	16°D47	17°29	16°35	8°17	28° 1	T 27
F 28	12 34 36	10°30'59	3♏34	14° 9	13° 8	16°38	28°28	0°11	20°52	5°40	16°47	17°26	16°31	8°24	28° 4	F 28
S 29	12 38 32	11°29'25	17°35	15°27	14°20	17°22	28°36	0°18	20°50	5°42	16°47	17°23	16°28	8°31	28° 7	S 29
S 30	12 42 29	12°27'50	1♐44	16°47	15°32	18° 6	28°45	0°26	20°49	5°44	16°47	17°19	16°25	8°38	28°10	S 30
M31	12 46 25	13♈26'13	15♐58	18♓10	16♉43	18♈50	28♑53	0♉33	20♌48	5♓45	16♋48	17♓17	16♓22	8♋44	28♉14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s20	17s53	4s 3	9s42	2n11	3n44	0s29	1s58	0s38	21s51	0s23	8n24	2s14	15n 6	0n47	10s52	1s 6	27n14	4n45	4s58	4s48	28n24	16n42	2s59
S 2	5 57	22 44	4 44	10 6	1 56	4 15	0 26	1 40	0 37	21 49	0 23	8 27	2 13	15 7	0 47	10 52	1 6	27 14	4 45	4 58	4 49	28 24	16 42	2 59
M 3	5 34	26 22	5 10	10 28	1 41	4 46	0 23	1 21	0 37	21 47	0 23	8 29	2 13	15 8	0 47	10 51	1 6	27 14	4 45	4 58	4 50	28 23	16 43	2 59
T 4	5 11	28 26	5 17	10 49	1 26	5 17	0 21	1 2	0 36	21 45	0 23	8 32	2 13	15 9	0 47	10 50	1 6	27 14	4 45	4 58	4 51	28 23	16 43	2 59
W 5	4 48	28 39	5 5	11 7	1 11	5 48	0 18	0 44	0 35	21 44	0 24	8 34	2 13	15 9	0 47	10 49	1 6	27 14	4 45	4 58	4 53	28 22	16 44	2 59
T 6	4 24	26 57	4 34	11 23	0 56	6 19	0 15	0 25	0 35	21 42	0 24	8 37	2 13	15 10	0 47	10 48	1 6	27 14	4 45	4 58	4 54	28 21	16 44	2 59
F 7	4 1	23 29	3 46	11 37	0 41	6 50	0 12	0 6	0 34	21 40	0 24	8 40	2 12	15 11	0 47	10 48	1 6	27 14	4 45	4 58	4 55	28 21	16 45	2 59
S 8	3 38	18 36	2 44	11 48	0 27	7 20	0 9	0n12	0 34	21 38	0 24	8 42	2 12	15 11	0 47	10 47	1 6	27 14	4 45	4 57	4 56	28 20	16 45	2 59
S 9	3 14	12 43	1 32	11 57	0 13	7 51	0 7	0 31	0 33	21 36	0 24	8 45	2 12	15 12	0 47	10 46	1 6	27 14	4 44	4 57	4 58	28 20	16 46	2 59
M10	2 51	6 15	0 15	12 5	0s 1	8 21	0 4	0 49	0 32	21 34	0 24	8 47	2 12	15 13	0 47	10 45	1 6	27 14	4 44	4 57	4 59	28 19	16 47	2 59
T 11	2 27	0n24	1n 1	12 10	0 14	8 51	0 1	1 8	0 32	21 33	0 24	8 50	2 12	15 13	0 47	10 44	1 6	27 14	4 44	4 57	5 0	28 18	16 47	2 59
W12	2 4	6 53	2 12	12 12	0 27	9 21	0n 2	1 26	0 31	21 31	0 25	8 53	2 12	15 14	0 47	10 44	1 6	27 14	4 44	4 57	5 1	28 18	16 48	2 59
T 13	1 40	12 55	3 15	12 13	0 39	9 51	0 5	1 45	0 31	21 29	0 25	8 55	2 12	15 15	0 47	10 43	1 6	27 14	4 44	4 58	5 3	28 17	16 48	2 59
F 14	1 16	18 15	4 5	12 11	0 50	10 20	0 8	2 3	0 30	21 27	0 25	8 58	2 11	15 15	0 47	10 42	1 6	27 14	4 44	4 58	5 4	28 16	16 49	2 59
S 15	0 53	22 39	4 43	12 8	1 1	10 49	0 11	2 22	0 29	21 26	0 25	9 0	2 11	15 16	0 47	10 41	1 6	27 14	4 44	4 59	5 5	28 16	16 50	2 59
S 16	0 29	25 58	5 7	12 2	1 12	11 18	0 14	2 40	0 29	21 24	0 25	9 3	2 11	15 16	0 47	10 41	1 6	27 14	4 44	4 59	5 6	28 15	16 50	2 59
M17	0 6	28 2	5 16	11 55	1 21	11 47	0 17	2 58	0 28	21 22	0 26	9 6	2 11	15 17	0 47	10 40	1 6	27 14	4 44	5 0	5 8	28 14	16 51	2 59
T 18	0n18	28 46	5 11	11 46	1 31	12 15	0 20	3 16	0 27	21 20	0 26	9 8	2 11	15 18	0 47	10 39	1 6	27 14	4 44	5 0	5 9	28 14	16 52	2 59
W19	0 41	28 10	4 54	11 34	1 39	12 44	0 23	3 35	0 27	21 19	0 26	9 11	2 11	15 18	0 47	10 38	1 6	27 14	4 44	5 0	5 10	28 13	16 52	2 59
T 20	1 5	26 17	4 23	11 21	1 47	13 11	0 26	3 53	0 26	21 17	0 26	9 14	2 11	15 19	0 47	10 38	1 6	27 14	4 44	5 0	5 11	28 12	16 53	2 58
F 21	1 28	23 13	3 42	11 6	1 55	13 39	0 29	4 11	0 26	21 15	0 26	9 17	2 10	15 19	0 47	10 37	1 6	27 14	4 44	4 59	5 13	28 12	16 54	2 58
S 22	1 52	19 6	2 49	10 50	2 2	14 6	0 32	4 29	0 25	21 13	0 26	9 19	2 10	15 20	0 47	10 36	1 6	27 14	4 44	4 58	5 14	28 11	16 54	2 58
S 23	2 15	14 7	1 48	10 32	2 8	14 33	0 35	4 47	0 24	21 12	0 27	9 22	2 10	15 20	0 47	10 35	1 6	27 14	4 44	4 58	5 15	28 10	16 55	2 58
M24	2 39	8 28	0 41	10 12	2 14	14 59	0 38	5 5	0 24	21 10	0 27	9 25	2 10	15 21	0 47	10 35	1 6	27 14	4 44	4 58	5 16	28 9	16 56	2 58
T 25	3 2	2 19	0s30	9 50	2 19	15 25	0 41	5 22	0 23	21 9	0 27	9 27	2 10	15 21	0 47	10 34	1 6	27 14	4 44	4 58	5 18	28 9	16 56	2 58
W26	3 25	4s 3	1 41	9 27	2 23	15 51	0 44	5 40	0 23	21 7	0 27	9 30	2 10	15 22	0 47	10 33	1 6	27 14	4 44	4 58	5 19	28 8	16 57	2 58
T 27	3 48	10 23	2 48	9 2	2 27	16 17	0 47	5 58	0 22	21 5	0 27	9 33	2 10	15 22	0 47	10 32	1 6	27 14	4 44	4 59	5 20	28 7	16 58	2 58
F 28	4 12	16 20	3 47	8 36	2 31	16 42	0 50	6 15	0 21	21 4	0 28	9 36	2 10	15 23	0 47	10 32	1 6	27 14	4 43	5 0	5 21	28 6	16 58	2 58
S 29	4 35	21 33	4 32	8 8	2 33	17 6	0 53	6 33	0 21	21 2	0 28	9 38	2 9	15 23	0 46	10 31	1 6	27 14	4 43	5 1	5 23	28 6	16 59	2 58
S 30	4 58	25 35	5 2	7 38	2 36	17 30	0 56	6 50	0 20	21 1	0 28	9 41	2 9	15 23	0 46	10 30	1 7	27 14	4 43	5 3	5 24	28 5	17 0	2 58
M31	5n20	28s 3	5s13	7s 7	2s37	17n54	0n59	7n 8	0s19	20s59	0s28	9n44	2s 9	15n24	0n46	10s30	1s 7	27n14	4n43	5s 4	5s25	28n 4	17n 1	2s58

Julian Day Number = 1978253.5, Delta T = 01h00m11s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'27, Lahiri = 5°48'27 Julian Calendar 1 March 704 == Greg. Calendar 5 March 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

APRIL 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 50 22	14♈24'35	0♑14	19♓34	17♉55	19♈34	29♑ 1	0♉41	20°R46	5♓47	16♋48	17°R15	16♓19	8♋51	28♉17	T 1
W 2	12 54 18	15°22'55	14°28	21° 0	19° 6	20°18	29° 9	0°49	20♌45	5°49	16°48	17°D14	16°16	8°58	28°20	W 2
T 3	12 58 15	16°21'13	28°38	22°28	20°18	21° 2	29°17	0°56	20°44	5°51	16°48	17♓14	16°12	9° 4	28°24	T 3
F 4	13 2 12	17°19'30	12♒42	23°59	21°29	21°45	29°24	1° 4	20°43	5°53	16°48	17°16	16° 9	9°11	28°27	F 4
S 5	13 6 8	18°17'45	26°38	25°31	22°41	22°29	29°32	1°12	20°42	5°55	16°48	17°17	16° 6	9°18	28°31	S 5
S 6	13 10 5	19°15'59	10♓26	27° 4	23°52	23°13	29°39	1°19	20°41	5°56	16°49	17°R18	16° 3	9°25	28°34	S 6
M 7	13 14 1	20°14'10	24° 3	28°40	25° 3	23°56	29°46	1°27	20°40	5°58	16°49	17°18	16° 0	9°31	28°38	M 7
T 8	13 17 58	21°12'21	7♈29	0♈18	26°14	24°40	29°53	1°35	20°39	6° 0	16°49	17°17	15°56	9°38	28°41	T 8
W 9	13 21 54	22°10'29	20°42	1°57	27°25	25°23	0♒ 0	1°43	20°38	6° 2	16°50	17°13	15°53	9°45	28°45	W 9
T 10	13 25 51	23° 8'36	3♉41	3°39	28°36	26° 7	0° 7	1°50	20°38	6° 3	16°50	17° 8	15°50	9°51	28°48	T 10
F 11	13 29 47	24° 6'41	16°25	5°22	29°47	26°50	0°14	1°58	20°37	6° 5	16°50	17° 2	15°47	9°58	28°52	F 11
S 12	13 33 44	25° 4'44	28°54	7° 7	0♊57	27°33	0°20	2° 6	20°36	6° 7	16°51	16°56	15°44	10° 5	28°56	S 12
S 13	13 37 41	26° 2'46	11♊10	8°54	2° 8	28°17	0°26	2°14	20°35	6° 8	16°51	16°49	15°41	10°12	29° 0	S 13
M14	13 41 37	27° 0'45	23°15	10°42	3°19	29° 0	0°33	2°21	20°35	6°10	16°52	16°44	15°37	10°18	29° 3	M14
T 15	13 45 34	27°58'43	5♋11	12°33	4°29	29°43	0°38	2°29	20°34	6°11	16°52	16°39	15°34	10°25	29° 7	T 15
W16	13 49 30	28°56'39	17° 4	14°25	5°39	0♉26	0°44	2°37	20°34	6°13	16°53	16°37	15°31	10°32	29°11	W16
T 17	13 53 27	29°54'33	28°56	16°20	6°50	1° 9	0°50	2°45	20°33	6°15	16°53	16°D36	15°28	10°38	29°15	T 17
F 18	13 57 23	0♉52'25	10♌53	18°16	8° 0	1°52	0°55	2°53	20°33	6°16	16°54	16°36	15°25	10°45	29°19	F 18
S 19	14 1 20	1°50'16	23° 0	20°14	9°10	2°35	1° 1	3° 0	20°33	6°18	16°54	16°38	15°22	10°52	29°22	S 19
S 20	14 5 16	2°48'04	5♍23	22°14	10°20	3°18	1° 6	3° 8	20°32	6°19	16°55	16°39	15°18	10°59	29°26	S 20
M21	14 9 13	3°45'51	18° 4	24°15	11°30	4° 1	1°11	3°16	20°32	6°20	16°56	16°R39	15°15	11° 5	29°30	M21
T 22	14 13 10	4°43'36	1♎ 8	26°18	12°40	4°43	1°16	3°24	20°32	6°22	16°56	16°38	15°12	11°12	29°34	T 22
W23	14 17 6	5°41'19	14°36	28°23	13°49	5°26	1°20	3°32	20°32	6°23	16°57	16°35	15° 9	11°19	29°38	W23
T 24	14 21 3	6°39'01	28°27	0♉29	14°59	6° 9	1°25	3°40	20°32	6°25	16°58	16°30	15° 6	11°25	29°42	T 24
F 25	14 24 59	7°36'42	12♏39	2°37	16° 9	6°51	1°29	3°47	20°D32	6°26	16°58	16°23	15° 2	11°32	29°46	F 25
S 26	14 28 56	8°34'21	27° 7	4°45	17°18	7°34	1°33	3°55	20°32	6°27	16°59	16°15	14°59	11°39	29°50	S 26
S 27	14 32 52	9°31'59	11♐44	6°55	18°27	8°17	1°37	4° 3	20°32	6°28	17° 0	16° 7	14°56	11°46	29°54	S 27
M28	14 36 49	10°29'36	26°24	9° 6	19°36	8°59	1°41	4°11	20°32	6°30	17° 1	16° 0	14°53	11°52	29°59	M28
T 29	14 40 45	11°27'11	10♑58	11°17	20°45	9°42	1°45	4°19	20°32	6°31	17° 2	15°55	14°50	11°59	0♊ 3	T 29
W30	14 44 42	12♑24'46	25♑22	13♉29	21♊54	10♉24	1♒48	4♉26	20♌33	6♓32	17♋ 3	15♓51	14♓47	12♋ 6	0♊ 7	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n43	28s42	5s 5	6s35	2s38	18n17	1n 2	7n25	0s19	20s58	0s28	9n47	2s 9	15n24	0n46	10s29	1s 7	27n14	4n43	5s 4	5s26	28n 3	17n 1	2s58
W 2	6 6	27 26	4 39	6 1	2 39	18 40	1 5	7 42	0 18	20 56	0 28	9 49	2 9	15 25	0 46	10 28	1 7	27 14	4 43	5 5	5 28	28 2	17 2	2 58
T 3	6 28	24 25	3 55	5 26	2 39	19 2	1 8	8 0	0 18	20 55	0 29	9 52	2 9	15 25	0 46	10 28	1 7	27 14	4 43	5 4	5 29	28 2	17 3	2 58
F 4	6 51	19 58	2 58	4 50	2 39	19 24	1 11	8 17	0 17	20 53	0 29	9 55	2 9	15 25	0 46	10 27	1 7	27 13	4 43	5 4	5 30	28 1	17 4	2 58
S 5	7 13	14 27	1 51	4 12	2 37	19 46	1 14	8 34	0 16	20 52	0 29	9 58	2 9	15 25	0 46	10 26	1 7	27 13	4 43	5 3	5 31	28 0	17 4	2 58
S 6	7 36	8 17	0 38	3 33	2 36	20 7	1 17	8 50	0 16	20 51	0 29	10 0	2 9	15 26	0 46	10 26	1 7	27 13	4 43	5 3	5 32	27 59	17 5	2 58
M 7	7 58	1 49	0n37	2 53	2 34	20 27	1 20	9 7	0 15	20 49	0 29	10 3	2 9	15 26	0 46	10 25	1 7	27 13	4 43	5 3	5 34	27 58	17 6	2 58
T 8	8 20	4n38	1 48	2 11	2 31	20 47	1 22	9 24	0 14	20 48	0 30	10 6	2 9	15 26	0 46	10 25	1 7	27 13	4 43	5 4	5 35	27 57	17 7	2 58
W 9	8 42	10 47	2 52	1 28	2 28	21 6	1 25	9 40	0 14	20 47	0 30	10 9	2 9	15 27	0 46	10 24	1 7	27 13	4 43	5 5	5 36	27 57	17 7	2 58
T 10	9 3	16 22	3 46	0 44	2 24	21 25	1 28	9 57	0 13	20 46	0 30	10 11	2 8	15 27	0 46	10 23	1 7	27 13	4 43	5 7	5 37	27 56	17 8	2 58
F 11	9 25	21 7	4 27	0n 1	2 19	21 43	1 31	10 13	0 13	20 44	0 30	10 14	2 8	15 27	0 46	10 23	1 7	27 13	4 43	5 9	5 39	27 55	17 9	2 58
S 12	9 46	24 50	4 55	0 47	2 14	22 1	1 33	10 30	0 12	20 43	0 30	10 17	2 8	15 27	0 46	10 22	1 7	27 13	4 43	5 12	5 40	27 54	17 10	2 58
S 13	10 8	27 21	5 8	1 34	2 9	22 18	1 36	10 46	0 11	20 42	0 31	10 20	2 8	15 27	0 46	10 22	1 7	27 13	4 43	5 14	5 41	27 53	17 11	2 58
M14	10 29	28 33	5 8	2 23	2 3	22 34	1 38	11 2	0 11	20 41	0 31	10 22	2 8	15 27	0 46	10 21	1 7	27 12	4 43	5 17	5 42	27 52	17 11	2 58
T 15	10 50	28 24	4 54	3 12	1 57	22 50	1 41	11 18	0 10	20 40	0 31	10 25	2 8	15 28	0 46	10 20	1 7	27 12	4 43	5 18	5 44	27 51	17 12	2 58
W16	11 11	26 56	4 27	4 2	1 50	23 6	1 43	11 34	0 9	20 39	0 31	10 28	2 8	15 28	0 46	10 20	1 7	27 12	4 42	5 19	5 45	27 50	17 13	2 58
T 17	11 31	24 15	3 49	4 53	1 42	23 20	1 46	11 49	0 9	20 38	0 32	10 30	2 8	15 28	0 46	10 19	1 7	27 12	4 42	5 20	5 46	27 49	17 14	2 58
F 18	11 52	20 32	3 1	5 45	1 34	23 34	1 48	12 5	0 8	20 37	0 32	10 33	2 8	15 28	0 46	10 19	1 7	27 12	4 42	5 19	5 47	27 48	17 15	2 58
S 19	12 12	15 54	2 4	6 38	1 26	23 48	1 50	12 20	0 7	20 36	0 32	10 36	2 8	15 28	0 46	10 18	1 7	27 12	4 42	5 19	5 49	27 47	17 15	2 58
S 20	12 32	10 33	1 1	7 31	1 17	24 1	1 52	12 36	0 7	20 35	0 32	10 39	2 8	15 28	0 46	10 18	1 7	27 12	4 42	5 18	5 50	27 47	17 16	2 58
M21	12 52	4 38	0s 8	8 25	1 8	24 13	1 55	12 51	0 6	20 34	0 32	10 41	2 8	15 28	0 46	10 17	1 7	27 12	4 42	5 18	5 51	27 46	17 17	2 58
T 22	13 11	1s38	1 17	9 18	0 59	24 24	1 57	13 6	0 6	20 33	0 33	10 44	2 8	15 28	0 46	10 17	1 7	27 11	4 42	5 19	5 52	27 45	17 18	2 58
W23	13 31	8 1	2 25	10 13	0 49	24 35	1 59	13 21	0 5	20 32	0 33	10 47	2 8	15 28	0 46	10 16	1 7	27 11	4 42	5 20	5 54	27 44	17 19	2 58
T 24	13 50	14 11	3 25	11 7	0 39	24 45	2 1	13 36	0 4	20 31	0 33	10 49	2 8	15 28	0 46	10 16	1 7	27 11	4 42	5 22	5 55	27 43	17 19	2 59
F 25	14 9	19 47	4 15	12 1	0 29	24 55	2 3	13 51	0 4	20 31	0 33	10 52	2 8	15 28	0 46	10 15	1 7	27 11	4 42	5 24	5 56	27 42	17 20	2 59
S 26	14 28	24 20	4 49	12 55	0 18	25 4	2 4	14 5	0 3	20 30	0 34	10 55	2 8	15 28	0 45	10 15	1 7	27 11	4 42	5 28	5 57	27 41	17 21	2 59
S 27	14 46	27 23	5 5	13 48	0 8	25 12	2 6	14 20	0 2	20 29	0 34	10 57	2 8	15 28	0 45	10 15	1 8	27 11	4 42	5 31	5 58	27 40	17 22	2 59
M28	15 4	28 34	5 1	14 40	0n 3	25 19	2 8	14 34	0 2	20 29	0 34	11 0	2 8	15 28	0 45	10 14	1 8	27 11	4 42	5 34	6 0	27 39	17 23	2 59
T 29	15 22	27 45	4 37	15 32	0 13	25 26	2 9	14 48	0 1	20 28	0 34	11 3	2 8	15 28	0 45	10 14	1 8	27 10	4 42	5 36	6 1	27 38	17 23	2 59
W30	15n40	25s 5	3s56	16n22	0n24	25n32	2n11	15n 2	0s 1	20s27	0s34	11n 5	2s 8	15n28	0n45	10s13	1s 8	27n10	4n42	5s37	6s 2	27n37	17n24	2s59

Julian Day Number = 1978284.5, Delta T = 01h00m10s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'31, Lahiri = 5°48'32 Julian Calendar 1 Apr. 704 == Greg. Calendar 5 Apr. 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

MAY 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 48 39	13♉22'20	9♒34	15♉40	23♊ 3	11♉ 6	1♒52	4♉34	20♌33	6♓33	17♋ 3	15°D50	14♓43	12♋12	0♊11	T 1
F 2	14 52 35	14°19'53	23°30	17°51	24°12	11°48	1°55	4°42	20°33	6°34	17° 4	15♓50	14°40	12°19	0°15	F 2
S 3	14 56 32	15°17'24	7♓12	20° 2	25°20	12°31	1°58	4°50	20°34	6°36	17° 5	15°51	14°37	12°26	0°19	S 3
S 4	15 0 28	16°14'55	20°40	22°12	26°29	13°13	2° 0	4°57	20°34	6°37	17° 6	15°R51	14°34	12°32	0°23	S 4
M 5	15 4 25	17°12'25	3♈55	24°21	27°37	13°55	2° 3	5° 5	20°35	6°38	17° 7	15°50	14°31	12°39	0°28	M 5
T 6	15 8 21	18° 9'54	16°58	26°29	28°45	14°37	2° 5	5°13	20°35	6°39	17° 8	15°46	14°28	12°46	0°32	T 6
W 7	15 12 18	19° 7'23	29°50	28°35	29°53	15°19	2° 7	5°20	20°36	6°40	17° 9	15°40	14°24	12°53	0°36	W 7
T 8	15 16 14	20° 4'50	12♉30	0♊40	1♋ 1	16° 1	2° 9	5°28	20°37	6°41	17°10	15°31	14°21	12°59	0°40	T 8
F 9	15 20 11	21° 2'16	25° 0	2°43	2° 9	16°43	2°11	5°36	20°37	6°41	17°11	15°20	14°18	13° 6	0°45	F 9
S 10	15 24 8	21°59'41	7♊19	4°43	3°17	17°25	2°13	5°43	20°38	6°42	17°12	15° 8	14°15	13°13	0°49	S 10
S 11	15 28 4	22°57'06	19°28	6°42	4°24	18° 7	2°14	5°51	20°39	6°43	17°13	14°56	14°12	13°19	0°53	S 11
M12	15 32 1	23°54'29	1♋28	8°38	5°32	18°49	2°15	5°59	20°40	6°44	17°14	14°45	14° 8	13°26	0°57	M12
T 13	15 35 57	24°51'51	13°22	10°32	6°39	19°30	2°16	6° 6	20°41	6°45	17°16	14°36	14° 5	13°33	1° 2	T 13
W14	15 39 54	25°49'12	25°12	12°23	7°46	20°12	2°17	6°14	20°42	6°46	17°17	14°30	14° 2	13°40	1° 6	W14
T 15	15 43 50	26°46'32	7♌ 2	14°12	8°53	20°54	2°18	6°21	20°43	6°46	17°18	14°26	13°59	13°46	1°10	T 15
F 16	15 47 47	27°43'51	18°58	15°59	10° 0	21°35	2°18	6°29	20°44	6°47	17°19	14°24	13°56	13°53	1°14	F 16
S 17	15 51 43	28°41'09	1♍ 3	17°43	11° 7	22°17	2°19	6°36	20°45	6°48	17°20	14°D24	13°53	14° 0	1°19	S 17
S 18	15 55 40	29°38'26	13°23	19°24	12°13	22°58	2°R19	6°44	20°46	6°48	17°22	14°R24	13°49	14° 6	1°23	S 18
M19	15 59 37	0♎35'42	26° 4	21° 2	13°19	23°40	2°19	6°51	20°47	6°49	17°23	14°24	13°46	14°13	1°27	M19
T 20	16 3 33	1°32'56	9♏ 9	22°38	14°25	24°21	2°18	6°58	20°49	6°50	17°24	14°22	13°43	14°20	1°32	T 20
W21	16 7 30	2°30'10	22°42	24°12	15°31	25° 3	2°18	7° 6	20°50	6°50	17°25	14°17	13°40	14°26	1°36	W21
T 22	16 11 26	3°27'23	6♏43	25°42	16°37	25°44	2°17	7°13	20°52	6°51	17°27	14°10	13°37	14°33	1°40	T 22
F 23	16 15 23	4°24'36	21°10	27°10	17°42	26°25	2°16	7°20	20°53	6°51	17°28	14° 1	13°34	14°40	1°45	F 23
S 24	16 19 19	5°21'48	5♐57	28°36	18°48	27° 6	2°15	7°27	20°54	6°52	17°29	13°51	13°30	14°47	1°49	S 24
S 25	16 23 16	6°18'59	20°57	29°58	19°53	27°47	2°14	7°35	20°56	6°52	17°31	13°40	13°27	14°53	1°53	S 25
M26	16 27 13	7°16'10	6♑ 0	1♋18	20°58	28°29	2°13	7°42	20°58	6°52	17°32	13°30	13°24	15° 0	1°57	M26
T 27	16 31 9	8°13'21	20°56	2°35	22° 3	29°10	2°11	7°49	20°59	6°53	17°33	13°22	13°21	15° 7	2° 2	T 27
W28	16 35 6	9°10'32	5♒37	3°49	23° 7	29°51	2° 9	7°56	21° 1	6°53	17°35	13°17	13°18	15°13	2° 6	W28
T 29	16 39 2	10° 7'42	19°59	5° 0	24°11	0♊32	2° 7	8° 3	21° 3	6°53	17°36	13°15	13°14	15°20	2°10	T 29
F 30	16 42 59	11° 4'52	4♓ 0	6° 8	25°15	1°13	2° 5	8°10	21° 4	6°54	17°38	13°14	13°11	15°27	2°15	F 30
S 31	16 46 55	12♊ 2'02	17♓38	7♋13	26♋19	1♊53	2♒ 2	8♉17	21♌ 6	6♓54	17♋39	13♓14	13♓ 8	15♋34	2♊19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n58	20s54	3s 1	17n11	0n34	25n38	2n12	15n16	0n 0	20s27	0s35	11n 8	2s 8	15n27	0n45	10s13	1s 8	27n10	4n42	5s37	6s 3	27n35	17n25	2s59
F 2	16 15	15 37	1 57	17 59	0 44	25 43	2 14	15 30	0 1	20 26	0 35	11 10	2 8	15 27	0 45	10 13	1 8	27 10	4 42	5 37	6 5	27 34	17 26	2 59
S 3	16 32	9 38	0 46	18 44	0 54	25 47	2 15	15 43	0 1	20 26	0 35	11 13	2 8	15 27	0 45	10 12	1 8	27 10	4 42	5 37	6 6	27 33	17 27	2 59
S 4	16 49	3 20	0n26	19 28	1 3	25 50	2 16	15 57	0 2	20 26	0 35	11 16	2 8	15 27	0 45	10 12	1 8	27 10	4 42	5 37	6 7	27 32	17 27	2 59
M 5	17 5	3n 1	1 35	20 9	1 12	25 53	2 17	16 10	0 3	20 25	0 36	11 18	2 8	15 27	0 45	10 12	1 8	27 9	4 42	5 38	6 8	27 31	17 28	2 59
T 6	17 22	9 8	2 38	20 49	1 20	25 55	2 18	16 23	0 3	20 25	0 36	11 21	2 8	15 27	0 45	10 11	1 8	27 9	4 42	5 39	6 10	27 30	17 29	2 59
W 7	17 38	14 47	3 32	21 25	1 28	25 56	2 19	16 36	0 4	20 25	0 36	11 23	2 8	15 26	0 45	10 11	1 8	27 9	4 42	5 42	6 11	27 29	17 30	2 59
T 8	17 53	19 44	4 14	21 59	1 35	25 56	2 20	16 49	0 4	20 25	0 36	11 26	2 8	15 26	0 45	10 11	1 8	27 9	4 41	5 45	6 12	27 28	17 31	2 59
F 9	18 9	23 44	4 43	22 31	1 42	25 56	2 21	17 2	0 5	20 24	0 37	11 28	2 8	15 26	0 45	10 10	1 8	27 9	4 41	5 49	6 13	27 27	17 31	2 59
S 10	18 24	26 36	4 59	23 0	1 48	25 56	2 22	17 14	0 6	20 24	0 37	11 31	2 8	15 26	0 45	10 10	1 8	27 9	4 41	5 54	6 15	27 26	17 32	3 0
S 11	18 38	28 11	5 1	23 26	1 53	25 54	2 22	17 27	0 6	20 24	0 37	11 33	2 8	15 25	0 45	10 10	1 8	27 8	4 41	5 59	6 16	27 25	17 33	3 0
M12	18 53	28 25	4 49	23 50	1 58	25 52	2 23	17 39	0 7	20 24	0 37	11 36	2 8	15 25	0 45	10 9	1 8	27 8	4 41	6 3	6 17	27 24	17 34	3 0
T 13	19 7	27 20	4 25	24 11	2 1	25 49	2 23	17 51	0 7	20 24	0 38	11 38	2 8	15 25	0 45	10 9	1 8	27 8	4 41	6 6	6 18	27 22	17 35	3 0
W14	19 21	25 1	3 50	24 30	2 4	25 46	2 23	18 3	0 8	20 24	0 38	11 41	2 8	15 24	0 45	10 9	1 8	27 8	4 41	6 9	6 19	27 21	17 35	3 0
T 15	19 34	21 37	3 4	24 46	2 7	25 41	2 23	18 15	0 9	20 24	0 38	11 43	2 8	15 24	0 45	10 9	1 8	27 8	4 41	6 10	6 21	27 20	17 36	3 0
F 16	19 48	17 19	2 11	24 59	2 8	25 37	2 23	18 26	0 9	20 24	0 38	11 46	2 8	15 23	0 45	10 8	1 8	27 8	4 41	6 11	6 22	27 19	17 37	3 0
S 17	20 0	12 16	1 10	25 11	2 9	25 31	2 23	18 38	0 10	20 25	0 38	11 48	2 8	15 23	0 45	10 8	1 8	27 7	4 41	6 11	6 23	27 18	17 38	3 0
S 18	20 13	6 39	0 5	25 19	2 9	25 25	2 23	18 49	0 11	20 25	0 39	11 50	2 8	15 23	0 45	10 8	1 8	27 7	4 41	6 11	6 24	27 17	17 38	3 0
M19	20 25	0 38	1s 1	25 26	2 8	25 18	2 23	19 0	0 11	20 25	0 39	11 53	2 8	15 22	0 45	10 8	1 9	27 7	4 41	6 11	6 26	27 15	17 39	3 0
T 20	20 37	5s36	2 7	25 31	2 7	25 11	2 22	19 11	0 12	20 25	0 39	11 55	2 8	15 22	0 45	10 8	1 9	27 7	4 41	6 12	6 27	27 14	17 40	3 1
W21	20 49	11 47	3 8	25 33	2 5	25 3	2 22	19 22	0 12	20 26	0 39	11 58	2 8	15 21	0 45	10 8	1 9	27 7	4 41	6 14	6 28	27 13	17 41	3 1
T 22	21 0	17 37	3 59	25 34	2 2	24 54	2 21	19 32	0 13	20 26	0 40	12 0	2 8	15 21	0 44	10 7	1 9	27 6	4 41	6 16	6 29	27 12	17 41	3 1
F 23	21 10	22 38	4 37	25 33	1 58	24 45	2 20	19 43	0 14	20 27	0 40	12 2	2 8	15 20	0 44	10 7	1 9	27 6	4 41	6 20	6 31	27 11	17 42	3 1
S 24	21 21	26 20	4 58	25 30	1 54	24 35	2 19	19 53	0 14	20 27	0 40	12 4	2 8	15 20	0 44	10 7	1 9	27 6	4 41	6 24	6 32	27 9	17 43	3 1
S 25	21 31	28 15	4 58	25 25	1 49	24 24	2 18	20 3	0 15	20 28	0 40	12 7	2 8	15 19	0 44	10 7	1 9	27 6	4 41	6 28	6 33	27 8	17 44	3 1
M26	21 41	28 6	4 38	25 19	1 43	24 13	2 17	20 13	0 15	20 28	0 41	12 9	2 9	15 19	0 44	10 7	1 9	27 6	4 41	6 32	6 34	27 7	17 44	3 1
T 27	21 50	25 54	3 59	25 12	1 37	24 1	2 16	20 22	0 16	20 29	0 41	12 11	2 9	15 18	0 44	10 7	1 9	27 5	4 41	6 35	6 35	27 6	17 45	3 1
W28	21 59	21 59	3 5	25 3	1 30	23 49	2 14	20 32	0 17	20 29	0 41	12 13	2 9	15 17	0 44	10 7	1 9	27 5	4 41	6 37	6 37	27 4	17 46	3 2
T 29	22 8	16 49	1 59	24 53	1 22	23 36	2 13	20 41	0 17	20 30	0 41	12 16	2 9	15 17	0 44	10 7	1 9	27 5	4 41	6 38	6 38	27 3	17 46	3 2
F 30	22 16	10 52	0 49	24 42	1 14	23 23	2 11	20 50	0 18	20 31	0 42	12 18	2 9	15 16	0 44	10 7	1 9	27 5	4 41	6 38	6 39	27 2	17 47	3 2
S 31	22n24	4s34	0n23	24n29	1n 5	23n 9	2n 9	20n59	0n18	20s32	0s42	12n20	2s 9	15n16	0n44	10s 7	1s 9	27n 5	4n41	6s38	6s40	27n 1	17n48	3s 2

Julian Day Number = 1978314.5, Delta T = 01h00m09s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'35, Lahiri = 5°48'36 Julian Calendar 1 May 704 == Greg. Calendar 5 May 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

JUNE 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 50 52	12♊59'12	0♈58	8♋15	27♋23	2♊34	2°R 0	8♉24	21♌ 8	6♓54	17♋41	13°R13	13♓ 5	15♋40	2♊23	S 1
M 2	16 54 48	13°56'22	13°59	9°13	28°26	3°15	1♒57	8°31	21°10	6°54	17°42	13♓11	13° 2	15°47	2°27	M 2
T 3	16 58 45	14°53'32	26°47	10° 9	29°29	3°56	1°54	8°38	21°12	6°54	17°43	13° 6	12°59	15°54	2°32	T 3
W 4	17 2 42	15°50'42	9♉22	11° 1	0♌32	4°37	1°51	8°45	21°14	6°54	17°45	12°59	12°55	16° 0	2°36	W 4
T 5	17 6 38	16°47'52	21°46	11°49	1°34	5°17	1°48	8°51	21°16	6°54	17°46	12°49	12°52	16° 7	2°40	T 5
F 6	17 10 35	17°45'03	4♊ 1	12°34	2°37	5°58	1°44	8°58	21°18	6°R54	17°48	12°36	12°49	16°14	2°44	F 6
S 7	17 14 31	18°42'13	16° 9	13°15	3°39	6°39	1°41	9° 5	21°20	6°54	17°50	12°23	12°46	16°20	2°49	S 7
S 8	17 18 28	19°39'23	28° 9	13°52	4°40	7°19	1°37	9°11	21°23	6°54	17°51	12° 9	12°43	16°27	2°53	S 8
M 9	17 22 24	20°36'33	10♋ 4	14°25	5°42	8° 0	1°33	9°18	21°25	6°54	17°53	11°57	12°40	16°34	2°57	M 9
T 10	17 26 21	21°33'43	21°55	14°54	6°43	8°40	1°29	9°24	21°27	6°54	17°54	11°46	12°36	16°41	3° 1	T 10
W11	17 30 17	22°30'53	3♌44	15°19	7°44	9°20	1°24	9°31	21°29	6°54	17°56	11°39	12°33	16°47	3° 5	W11
T 12	17 34 14	23°28'02	15°34	15°39	8°44	10° 1	1°20	9°37	21°32	6°54	17°57	11°34	12°30	16°54	3° 9	T 12
F 13	17 38 11	24°25'12	27°28	15°55	9°45	10°41	1°15	9°44	21°34	6°54	17°59	11°31	12°27	17° 1	3°13	F 13
S 14	17 42 7	25°22'21	9♍33	16° 6	10°44	11°21	1°10	9°50	21°37	6°53	18° 1	11°D30	12°24	17° 7	3°18	S 14
S 15	17 46 4	26°19'30	21°51	16°12	11°44	12° 2	1° 5	9°56	21°39	6°53	18° 2	11°R30	12°20	17°14	3°22	S 15
M16	17 50 0	27°16'40	4♎29	16°R14	12°43	12°42	1° 0	10° 2	21°42	6°53	18° 4	11°30	12°17	17°21	3°26	M16
T 17	17 53 57	28°13'49	17°31	16°11	13°41	13°22	0°55	10° 8	21°44	6°53	18° 5	11°29	12°14	17°27	3°30	T 17
W18	17 57 53	29°10'58	1♏ 1	16° 4	14°40	14° 2	0°49	10°14	21°47	6°52	18° 7	11°25	12°11	17°34	3°34	W18
T 19	18 1 50	0♋ 8'07	15° 0	15°51	15°38	14°42	0°44	10°20	21°49	6°52	18° 9	11°20	12° 8	17°41	3°38	T 19
F 20	18 5 46	1° 5'16	29°29	15°34	16°35	15°22	0°38	10°26	21°52	6°51	18°10	11°12	12° 5	17°48	3°42	F 20
S 21	18 9 43	2° 2'26	14♐22	15°13	17°32	16° 2	0°32	10°32	21°55	6°51	18°12	11° 2	12° 1	17°54	3°46	S 21
S 22	18 13 40	2°59'36	29°32	14°48	18°29	16°42	0°26	10°38	21°58	6°50	18°14	10°52	11°58	18° 1	3°50	S 22
M23	18 17 36	3°56'46	14♑48	14°19	19°25	17°22	0°20	10°44	22° 0	6°50	18°15	10°44	11°55	18° 8	3°53	M23
T 24	18 21 33	4°53'57	29°59	13°46	20°20	18° 2	0°14	10°50	22° 3	6°49	18°17	10°37	11°52	18°14	3°57	T 24
W25	18 25 29	5°51'09	14♒57	13°10	21°15	18°41	0° 8	10°55	22° 6	6°49	18°19	10°32	11°49	18°21	4° 1	W25
T 26	18 29 26	6°48'21	29°33	12°32	22°10	19°21	0° 1	11° 1	22° 9	6°48	18°20	10°30	11°46	18°28	4° 5	T 26
F 27	18 33 22	7°45'33	13♓44	11°52	23° 4	20° 1	29♑54	11° 6	22°12	6°48	18°22	10°D29	11°42	18°34	4° 9	F 27
S 28	18 37 19	8°42'47	27°29	11°11	23°57	20°41	29°48	11°12	22°15	6°47	18°24	10°30	11°39	18°41	4°13	S 28
S 29	18 41 16	9°40'02	10♈49	10°29	24°50	21°20	29°41	11°17	22°18	6°46	18°26	10°R30	11°36	18°48	4°16	S 29
M30	18 45 12	10♋37'17	23♈48	9♋47	25♌43	22♊ 0	29♑34	11♉22	22♌21	6♓45	18♋27	10♓29	11♓33	18♋54	4♊20	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n31	1n48	1n32	24n16	0n55	22n55	2n 7	21n 8	0n19	20s32	0s42	12n22	2s 9	15n15	0n44	10s 7	1s 9	27n 4	4n41	6s38	6s42	26n59	17n49	3s 2	
M 2	22 38	7 56	2 35	24 2	0 45	22 40	2 5	21 17	0 20	20 33	0 42	12 24	2 9	15 14	0 44	10 7	1 9	27 4	4 41	6 39	6 43	26 58	17 49	3 2	
T 3	22 45	13 37	3 28	23 47	0 34	22 24	2 3	21 25	0 20	20 34	0 43	12 26	2 9	15 14	0 44	10 7	1 9	27 4	4 41	6 41	6 44	26 57	17 50	3 2	
W 4	22 51	18 40	4 10	23 32	0 23	22 8	2 1	21 33	0 21	20 35	0 43	12 29	2 9	15 13	0 44	10 7	1 9	27 4	4 41	6 44	6 45	26 55	17 51	3 3	
T 5	22 57	22 50	4 40	23 16	0 11	21 52	1 58	21 41	0 21	20 36	0 43	12 31	2 9	15 12	0 44	10 7	1 9	27 4	4 41	6 48	6 46	26 54	17 51	3 3	
F 6	23 2	25 57	4 56	22 59	0s 1	21 35	1 55	21 49	0 22	20 37	0 43	12 33	2 9	15 12	0 44	10 7	1 9	27 3	4 41	6 53	6 48	26 53	17 52	3 3	
S 7	23 7	27 50	4 59	22 43	0 14	21 18	1 53	21 57	0 23	20 38	0 44	12 35	2 10	15 11	0 44	10 7	1 9	27 3	4 41	6 58	6 49	26 52	17 53	3 3	
S 8	23 12	28 24	4 48	22 26	0 27	21 0	1 50	22 4	0 23	20 39	0 44	12 37	2 10	15 10	0 44	10 7	1 10	27 3	4 41	7 3	6 50	26 50	17 53	3 3	
M 9	23 16	27 38	4 25	22 8	0 41	20 42	1 47	22 11	0 24	20 40	0 44	12 39	2 10	15 9	0 44	10 7	1 10	27 3	4 41	7 8	6 51	26 49	17 54	3 3	
T 10	23 20	25 36	3 50	21 51	0 55	20 23	1 43	22 18	0 24	20 42	0 44	12 41	2 10	15 9	0 44	10 7	1 10	27 3	4 41	7 12	6 53	26 47	17 54	3 4	
W11	23 24	22 28	3 6	21 34	1 10	20 4	1 40	22 25	0 25	20 43	0 45	12 43	2 10	15 8	0 44	10 7	1 10	27 2	4 41	7 15	6 54	26 46	17 55	3 4	
T 12	23 27	18 24	2 13	21 17	1 24	19 45	1 36	22 32	0 25	20 44	0 45	12 44	2 10	15 7	0 44	10 7	1 10	27 2	4 41	7 17	6 55	26 45	17 56	3 4	
F 13	23 29	13 35	1 14	21 0	1 39	19 25	1 33	22 38	0 26	20 45	0 45	12 46	2 10	15 6	0 44	10 7	1 10	27 2	4 41	7 18	6 56	26 43	17 56	3 4	
S 14	23 32	8 12	0 10	20 44	1 55	19 5	1 29	22 44	0 27	20 47	0 45	12 48	2 10	15 5	0 44	10 7	1 10	27 2	4 41	7 18	6 57	26 42	17 57	3 4	
S 15	23 33	2 25	0s55	20 28	2 10	18 45	1 25	22 50	0 27	20 48	0 46	12 50	2 10	15 5	0 44	10 8	1 10	27 2	4 41	7 18	6 59	26 41	17 57	3 4	
M16	23 35	3s36	1 59	20 13	2 25	18 24	1 21	22 56	0 28	20 49	0 46	12 52	2 11	15 4	0 44	10 8	1 10	27 1	4 41	7 18	7 0	26 39	17 58	3 5	
T 17	23 36	9 40	2 59	19 58	2 40	18 3	1 16	23 2	0 28	20 51	0 46	12 54	2 11	15 3	0 44	10 8	1 10	27 1	4 41	7 18	7 1	26 38	17 59	3 5	
W18	23 36	15 30	3 51	19 44	2 55	17 42	1 12	23 7	0 29	20 52	0 46	12 55	2 11	15 2	0 44	10 8	1 10	27 1	4 41	7 20	7 2	26 36	17 59	3 5	
T 19	23 37	20 46	4 31	19 31	3 10	17 20	1 7	23 13	0 29	20 53	0 46	12 57	2 11	15 1	0 44	10 8	1 10	27 1	4 41	7 22	7 4	26 35	18 0	3 5	
F 20	23 36	25 0	4 56	19 19	3 24	16 58	1 3	23 18	0 30	20 55	0 47	12 59	2 11	15 0	0 44	10 8	1 10	27 1	4 41	7 25	7 5	26 34	18 0	3 5	
S 21	23 36	27 41	5 2	19 8	3 37	16 36	0 58	23 23	0 31	20 56	0 47	13 1	2 11	14 59	0 44	10 9	1 10	27 0	4 41	7 29	7 6	26 32	18 1	3 6	
S 22	23 34	28 23	4 47	18 58	3 50	16 14	0 52	23 27	0 31	20 58	0 47	13 2	2 11	14 58	0 43	10 9	1 10	27 0	4 41	7 32	7 7	26 31	18 1	3 6	
M23	23 33	26 56	4 11	18 49	4 2	15 51	0 47	23 32	0 32	20 59	0 47	13 4	2 12	14 57	0 43	10 9	1 10	27 0	4 41	7 36	7 8	26 29	18 2	3 6	
T 24	23 31	23 31	3 18	18 42	4 13	15 28	0 42	23 36	0 32	21 1	0 48	13 6	2 12	14 57	0 43	10 9	1 10	27 0	4 41	7 38	7 10	26 28	18 2	3 6	
W25	23 29	18 33	2 12	18 36	4 22	15 5	0 36	23 40	0 33	21 3	0 48	13 7	2 12	14 56	0 43	10 10	1 10	27 0	4 42	7 40	7 11	26 26	18 3	3 7	
T 26	23 26	12 37	0 58	18 31	4 31	14 42	0 30	23 44	0 33	21 4	0 48	13 9	2 12	14 55	0 43	10 10	1 10	26 59	4 42	7 41	7 12	26 25	18 3	3 7	
F 27	23 23	6 10	0n17	18 28	4 38	14 19	0 24	23 48	0 34	21 6	0 48	13 10	2 12	14 54	0 43	10 10	1 10	26 59	4 42	7 41	7 13	26 23	18 4	3 7	
S 28	23 19	0n22	1 29	18 26	4 43	13 55	0 18	23 51	0 35	21 7	0 48	13 12	2 12	14 53	0 43	10 10	1 10	26 59	4 42	7 41	7 15	26 22	18 4	3 7	
S 29	23 15	6 41	2 35	18 26	4 47	13 31	0 12	23 55	0 35	21 9	0 49	13 13	2 12	14 52	0 43	10 11	1 10	26 59	4 42	7 41	7 16	26 20	18 5	3 7	
M30	23n11	12n33	3n30	18n27	4s49	13n 8	0n 6	23n58	0n36	21s11	0s49	13n15	2s13	14n51	0n43	10s11	1s11	26n59	4n42	7s41	7s17	26n19	18n 5	3s 8	

Julian Day Number = 1978345.5, Delta T = 01h00m08s
Ecliptic obliquity = 23°36'32, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'39, Lahiri = 5°48'40 Julian Calendar 1 June 704 == Greg. Calendar 5 June 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

JULY 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 49 9	11♋34'34	6♉28	9°R 7	26♌34	22♊39	29°R27	11♉27	22♌24	6°R45	18♋29	10°R26	11♓30	19♋ 1	4♊24	T 1
W 2	18 53 5	12°31'51	18°53	8♋28	27°25	23°19	29♏20	11°32	22°27	6♓44	18°31	10♓21	11°26	19° 8	4°27	W 2
T 3	18 57 2	13°29'10	1♊ 7	7°51	28°16	23°58	29°13	11°37	22°30	6°43	18°32	10°14	11°23	19°15	4°31	T 3
F 4	19 0 58	14°26'29	13°13	7°18	29° 6	24°38	29° 5	11°42	22°33	6°42	18°34	10° 5	11°20	19°21	4°34	F 4
S 5	19 4 55	15°23'50	25°11	6°48	29°55	25°17	28°58	11°47	22°36	6°41	18°36	9°55	11°17	19°28	4°38	S 5
S 6	19 8 51	16°21'11	7♋ 5	6°23	0♍43	25°57	28°51	11°52	22°39	6°41	18°38	9°44	11°14	19°35	4°42	S 6
M 7	19 12 48	17°18'33	18°56	6° 2	1°31	26°36	28°43	11°57	22°43	6°40	18°39	9°35	11°11	19°41	4°45	M 7
T 8	19 16 45	18°15'56	0♌45	5°47	2°18	27°15	28°36	12° 1	22°46	6°39	18°41	9°27	11° 7	19°48	4°48	T 8
W 9	19 20 41	19°13'20	12°36	5°38	3° 4	27°55	28°28	12° 6	22°49	6°38	18°43	9°22	11° 4	19°55	4°52	W 9
T 10	19 24 38	20°10'45	24°28	5°D34	3°49	28°34	28°20	12°11	22°52	6°37	18°45	9°18	11° 1	20° 1	4°55	T 10
F 11	19 28 34	21° 8'11	6♍27	5°37	4°33	29°13	28°13	12°15	22°56	6°36	18°46	9°D17	10°58	20° 8	4°59	F 11
S 12	19 32 31	22° 5'37	18°35	5°46	5°16	29°52	28° 5	12°19	22°59	6°35	18°48	9°17	10°55	20°15	5° 2	S 12
S 13	19 36 27	23° 3'04	0♎55	6° 2	5°59	0♋31	27°57	12°23	23° 2	6°34	18°50	9°18	10°52	20°22	5° 5	S 13
M14	19 40 24	24° 0'32	13°33	6°24	6°40	1°10	27°49	12°28	23° 6	6°32	18°51	9°20	10°48	20°28	5° 8	M14
T 15	19 44 20	24°58'01	26°32	6°53	7°20	1°49	27°42	12°32	23° 9	6°31	18°53	9°R20	10°45	20°35	5°12	T 15
W16	19 48 17	25°55'31	9♏56	7°28	8° 0	2°28	27°34	12°36	23°13	6°30	18°55	9°19	10°42	20°42	5°15	W16
T 17	19 52 14	26°53'02	23°48	8°10	8°38	3° 7	27°26	12°39	23°16	6°29	18°57	9°17	10°39	20°48	5°18	T 17
F 18	19 56 10	27°50'33	8♐ 8	8°59	9°15	3°46	27°18	12°43	23°20	6°28	18°58	9°12	10°36	20°55	5°21	F 18
S 19	20 0 7	28°48'06	22°53	9°54	9°51	4°25	27°10	12°47	23°23	6°27	19° 0	9° 7	10°32	21° 2	5°24	S 19
S 20	20 4 3	29°45'40	7♑56	10°55	10°25	5° 4	27° 3	12°51	23°27	6°25	19° 2	9° 1	10°29	21° 8	5°27	S 20
M21	20 8 0	0♒43'15	23°11	12° 3	10°58	5°43	26°55	12°54	23°30	6°24	19° 3	8°56	10°26	21°15	5°30	M21
T 22	20 11 56	1°40'51	8♓25	13°16	11°30	6°21	26°47	12°58	23°34	6°23	19° 5	8°52	10°23	21°22	5°33	T 22
W23	20 15 53	2°38'28	23°29	14°35	12° 1	7° 0	26°39	13° 1	23°37	6°22	19° 7	8°49	10°20	21°28	5°35	W23
T 24	20 19 49	3°36'07	8♈15	15°59	12°30	7°39	26°31	13° 4	23°41	6°20	19° 8	8°D48	10°17	21°35	5°38	T 24
F 25	20 23 46	4°33'47	22°36	17°28	12°57	8°17	26°24	13° 7	23°44	6°19	19°10	8°49	10°13	21°42	5°41	F 25
S 26	20 27 43	5°31'29	6♈30	19° 2	13°23	8°56	26°16	13°10	23°48	6°18	19°12	8°50	10°10	21°48	5°44	S 26
S 27	20 31 39	6°29'13	19°57	20°40	13°47	9°34	26° 9	13°13	23°52	6°16	19°13	8°52	10° 7	21°55	5°46	S 27
M28	20 35 36	7°26'58	3♉ 0	22°22	14°10	10°13	26° 1	13°16	23°55	6°15	19°15	8°R53	10° 4	22° 2	5°49	M28
T 29	20 39 32	8°24'45	15°40	24° 7	14°31	10°51	25°54	13°19	23°59	6°13	19°17	8°53	10° 1	22° 9	5°51	T 29
W30	20 43 29	9°22'34	28° 4	25°56	14°50	11°30	25°46	13°21	24° 3	6°12	19°18	8°51	9°58	22°15	5°54	W30
T 31	20 47 25	10♌20'25	10♊13	27♋47	15♍ 7	12♋ 8	25♏39	13♉24	24♌ 6	6♓11	19♋20	8♓48	9♓54	22♋22	5♊56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	17n45	4n13	18n29	4s49	12n44	0s 1	24n 0	0n36	21s12	0s49	13n16	2s13	14n50	0n43	10s11	1s11	26n58	4n42	7s42	7s18	26n17	18n 6	3s 8
W 2	23 1	22 6	4 44	18 33	4 48	12 20	0 8	24 3	0 37	21 14	0 49	13 18	2 13	14 49	0 43	10 12	1 11	26 58	4 42	7 44	7 19	26 16	18 6	3 8
T 3	22 55	25 26	5 1	18 38	4 44	11 56	0 15	24 6	0 37	21 16	0 49	13 19	2 13	14 48	0 43	10 12	1 11	26 58	4 42	7 47	7 21	26 14	18 6	3 8
F 4	22 49	27 35	5 4	18 45	4 40	11 32	0 22	24 8	0 38	21 18	0 50	13 20	2 13	14 46	0 43	10 12	1 11	26 58	4 42	7 51	7 22	26 13	18 7	3 9
S 5	22 43	28 25	4 54	18 53	4 33	11 7	0 29	24 10	0 39	21 19	0 50	13 22	2 13	14 45	0 43	10 13	1 11	26 58	4 42	7 54	7 23	26 11	18 7	3 9
S 6	22 36	27 56	4 31	19 2	4 26	10 43	0 37	24 12	0 39	21 21	0 50	13 23	2 14	14 44	0 43	10 13	1 11	26 58	4 42	7 58	7 24	26 10	18 8	3 9
M 7	22 29	26 10	3 57	19 12	4 16	10 19	0 45	24 14	0 40	21 23	0 50	13 24	2 14	14 43	0 43	10 13	1 11	26 57	4 42	8 2	7 25	26 8	18 8	3 9
T 8	22 21	23 15	3 12	19 23	4 6	9 55	0 53	24 15	0 40	21 24	0 50	13 26	2 14	14 42	0 43	10 14	1 11	26 57	4 42	8 5	7 27	26 7	18 8	3 10
W 9	22 13	19 22	2 19	19 35	3 54	9 31	1 1	24 16	0 41	21 26	0 50	13 27	2 14	14 41	0 43	10 14	1 11	26 57	4 42	8 7	7 28	26 5	18 9	3 10
T 10	22 5	14 42	1 19	19 48	3 42	9 7	1 9	24 17	0 41	21 28	0 51	13 28	2 14	14 40	0 43	10 15	1 11	26 57	4 42	8 8	7 29	26 4	18 9	3 10
F 11	21 56	9 27	0 15	20 1	3 28	8 43	1 17	24 18	0 42	21 30	0 51	13 29	2 14	14 39	0 43	10 15	1 11	26 57	4 42	8 9	7 30	26 2	18 9	3 10
S 12	21 47	3 47	0s50	20 15	3 14	8 19	1 26	24 19	0 42	21 31	0 51	13 30	2 15	14 38	0 43	10 16	1 11	26 56	4 43	8 9	7 32	26 0	18 10	3 11
S 13	21 37	2s 7	1 54	20 29	2 59	7 55	1 35	24 19	0 43	21 33	0 51	13 32	2 15	14 37	0 43	10 16	1 11	26 56	4 43	8 8	7 33	25 59	18 10	3 11
M14	21 28	8 4	2 55	20 44	2 44	7 31	1 44	24 20	0 43	21 35	0 51	13 33	2 15	14 35	0 43	10 16	1 11	26 56	4 43	8 8	7 34	25 57	18 10	3 11
T 15	21 17	13 50	3 48	20 58	2 28	7 8	1 53	24 20	0 44	21 36	0 51	13 34	2 15	14 34	0 43	10 17	1 11	26 56	4 43	8 7	7 35	25 56	18 11	3 11
W16	21 7	19 10	4 30	21 12	2 12	6 44	2 2	24 20	0 45	21 38	0 51	13 35	2 15	14 33	0 43	10 17	1 11	26 56	4 43	8 8	7 36	25 54	18 11	3 12
T 17	20 56	23 40	4 59	21 25	1 56	6 21	2 12	24 19	0 45	21 40	0 52	13 36	2 16	14 32	0 43	10 18	1 11	26 56	4 43	8 9	7 38	25 52	18 11	3 12
F 18	20 44	26 55	5 10	21 38	1 40	5 58	2 22	24 19	0 46	21 42	0 52	13 37	2 16	14 31	0 43	10 18	1 11	26 55	4 43	8 10	7 39	25 51	18 12	3 12
S 19	20 33	28 26	5 1	21 50	1 24	5 36	2 31	24 18	0 46	21 43	0 52	13 38	2 16	14 30	0 43	10 19	1 11	26 55	4 43	8 13	7 40	25 49	18 12	3 13
S 20	20 21	27 53	4 32	22 1	1 9	5 13	2 42	24 17	0 47	21 45	0 52	13 38	2 16	14 29	0 43	10 19	1 11	26 55	4 43	8 15	7 41	25 48	18 12	3 13
M21	20 8	25 15	3 43	22 10	0 53	4 51	2 52	24 16	0 47	21 47	0 52	13 39	2 16	14 27	0 43	10 20	1 11	26 55	4 43	8 17	7 42	25 46	18 12	3 13
T 22	19 56	20 49	2 38	22 18	0 38	4 30	3 2	24 15	0 48	21 48	0 52	13 40	2 17	14 26	0 43	10 20	1 11	26 55	4 43	8 18	7 44	25 44	18 12	3 13
W23	19 43	15 5	1 23	22 25	0 24	4 8	3 13	24 14	0 48	21 50	0 52	13 41	2 17	14 25	0 43	10 21	1 11	26 55	4 43	8 19	7 45	25 43	18 13	3 14
T 24	19 29	8 35	0 3	22 29	0 10	3 47	3 23	24 12	0 49	21 51	0 52	13 42	2 17	14 24	0 43	10 21	1 11	26 54	4 44	8 19	7 46	25 41	18 13	3 14
F 25	19 15	1 49	1n15	22 31	0n 4	3 27	3 34	24 10	0 49	21 53	0 53	13 43	2 17	14 23	0 43	10 22	1 11	26 54	4 44	8 19	7 47	25 39	18 13	3 14
S 26	19 1	4n49	2 26	22 31	0 17	3 7	3 45	24 8	0 50	21 55	0 53	13 43	2 17	14 21	0 43	10 22	1 11	26 54	4 44	8 19	7 48	25 38	18 13	3 15
S 27	18 47	11 2	3 26	22 29	0 29	2 47	3 57	24 6	0 51	21 56	0 53	13 44	2 18	14 20	0 43	10 23	1 12	26 54	4 44	8 18	7 50	25 36	18 13	3 15
M28	18 32	16 34	4 14	22 24	0 40	2 28	4 8	24 4	0 51	21 58	0 53	13 45	2 18	14 19	0 43	10 23	1 12	26 54	4 44	8 18	7 51	25 34	18 14	3 15
T 29	18 17	21 14	4 48	22 16	0 50	2 9	4 19	24 1	0 52	21 59	0 53	13 45	2 18	14 18	0 43	10 24	1 12	26 54	4 44	8 18	7 52	25 33	18 14	3 15
W30	18 2	24 51	5 7	22 5	1 0	1 51	4 31	23 58	0 52	22 1	0 53	13 46	2 18	14 16	0 43	10 25	1 12	26 54	4 44	8 18	7 53	25 31	18 14	3 16
T 31	17n46	27n18	5n13	21n52	1n 8	1n34	4s42	23n55	0n53	22s 2	0s53	13n46	2s18	14n15	0n43	10s25	1s12	26n54	4n44	8s20	7s55	25n29	18n14	3s16

Julian Day Number = 1978375.5, Delta T = 01h00m08s
Ecliptic obliquity = 23°36'32, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'44, Lahiri = 5°48'44 Julian Calendar 1 July 704 == Greg. Calendar 5 July 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

AUGUST 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 51 22	11♌18'17	22♊13	29♋40	15♍22	12♋47	25°R31	13♉26	24♌10	6°R 9	19♋22	8°R45	9♓51	22♋29	5♊59	F 1
S 2	20 55 18	12°16'12	4♋ 7	1♌35	15°36	13°25	25♏24	13°29	24°14	6♓ 8	19°23	8♓40	9°48	22°35	6° 1	S 2
S 3	20 59 15	13°14'08	15°57	3°32	15°47	14° 3	25°17	13°31	24°17	6° 6	19°25	8°36	9°45	22°42	6° 3	S 3
M 4	21 3 12	14°12'06	27°47	5°29	15°56	14°42	25°10	13°33	24°21	6° 5	19°27	8°32	9°42	22°49	6° 5	M 4
T 5	21 7 8	15°10'05	9♌38	7°27	16° 3	15°20	25° 3	13°35	24°25	6° 3	19°28	8°28	9°38	22°55	6° 8	T 5
W 6	21 11 5	16° 8'06	21°33	9°26	16° 8	15°58	24°56	13°37	24°29	6° 2	19°30	8°26	9°35	23° 2	6°10	W 6
T 7	21 15 1	17° 6'09	3♍34	11°24	16°11	16°36	24°50	13°39	24°32	6° 0	19°31	8°D25	9°32	23° 9	6°12	T 7
F 8	21 18 58	18° 4'13	15°42	13°23	16°R11	17°14	24°43	13°41	24°36	5°59	19°33	8°25	9°29	23°15	6°14	F 8
S 9	21 22 54	19° 2'19	28° 0	15°21	16°10	17°53	24°36	13°42	24°40	5°57	19°34	8°26	9°26	23°22	6°16	S 9
S 10	21 26 51	20° 0'26	10♎30	17°18	16° 5	18°31	24°30	13°44	24°44	5°55	19°36	8°28	9°23	23°29	6°18	S 10
M11	21 30 47	20°58'35	23°15	19°15	15°59	19° 9	24°24	13°45	24°47	5°54	19°37	8°29	9°19	23°35	6°19	M11
T 12	21 34 44	21°56'46	6♏18	21°11	15°50	19°47	24°18	13°47	24°51	5°52	19°39	8°30	9°16	23°42	6°21	T 12
W13	21 38 41	22°54'58	19°41	23° 6	15°38	20°24	24°12	13°48	24°55	5°51	19°40	8°R31	9°13	23°49	6°23	W13
T 14	21 42 37	23°53'12	3♐26	25° 0	15°24	21° 2	24° 6	13°49	24°59	5°49	19°42	8°30	9°10	23°56	6°25	T 14
F 15	21 46 34	24°51'27	17°33	26°53	15° 8	21°40	24° 0	13°50	25° 2	5°47	19°43	8°30	9° 7	24° 2	6°26	F 15
S 16	21 50 30	25°49'44	2♑ 1	28°45	14°50	22°18	23°55	13°51	25° 6	5°46	19°45	8°28	9° 4	24° 9	6°28	S 16
S 17	21 54 27	26°48'03	16°46	0♍37	14°29	22°56	23°49	13°51	25°10	5°44	19°46	8°27	9° 0	24°16	6°29	S 17
M18	21 58 23	27°46'23	1♒43	2°26	14° 6	23°34	23°44	13°52	25°14	5°43	19°48	8°26	8°57	24°22	6°31	M18
T 19	22 2 20	28°44'44	16°44	4°15	13°41	24°11	23°39	13°53	25°17	5°41	19°49	8°25	8°54	24°29	6°32	T 19
W20	22 6 16	29°43'08	1♓40	6° 3	13°14	24°49	23°34	13°53	25°21	5°39	19°51	8°D24	8°51	24°36	6°33	W20
T 21	22 10 13	0♍41'33	16°23	7°50	12°45	25°27	23°29	13°53	25°25	5°38	19°52	8°24	8°48	24°42	6°35	T 21
F 22	22 14 10	1°40'01	0♈47	9°35	12°14	26° 4	23°24	13°54	25°29	5°36	19°53	8°25	8°44	24°49	6°36	F 22
S 23	22 18 6	2°38'30	14°47	11°19	11°42	26°42	23°20	13°R54	25°32	5°34	19°55	8°25	8°41	24°56	6°37	S 23
S 24	22 22 3	3°37'02	28°20	13° 3	11° 9	27°19	23°16	13°54	25°36	5°33	19°56	8°26	8°38	25° 2	6°38	S 24
M25	22 25 59	4°35'36	11♉29	14°45	10°34	27°57	23°12	13°54	25°40	5°31	19°57	8°26	8°35	25° 9	6°39	M25
T 26	22 29 56	5°34'12	24°14	16°26	9°59	28°34	23° 8	13°53	25°44	5°29	19°59	8°26	8°32	25°16	6°40	T 26
W27	22 33 52	6°32'51	6♊39	18° 7	9°23	29°12	23° 4	13°53	25°47	5°28	20° 0	8°R26	8°29	25°22	6°41	W27
T 28	22 37 49	7°31'32	18°49	19°46	8°46	29°49	23° 0	13°52	25°51	5°26	20° 1	8°26	8°25	25°29	6°42	T 28
F 29	22 41 45	8°30'15	0♋48	21°24	8° 9	0♌26	22°57	13°52	25°55	5°24	20° 2	8°D26	8°22	25°36	6°42	F 29
S 30	22 45 42	9°29'01	12°40	23° 1	7°32	1° 4	22°54	13°51	25°58	5°23	20° 4	8°26	8°19	25°42	6°43	S 30
S 31	22 49 39	10♍27'48	24♋30	24♍37	6♍56	1♌41	22♑51	13♉51	26♌ 2	5♓21	20♋ 5	8♓27	8♓16	25♋49	6♊44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n31	28n27	5n 4	21n36	1n16	1n17	4s54	23n52	0n53	22s 3	0s53	13n47	2s19	14n14	0n43	10s26	1s12	26n53	4n44	8s21	7s56	25n27	18n14	3s16
S 2	17 14	28 15	4 43	21 18	1 23	1 1	5 6	23 49	0 54	22 5	0 53	13 47	2 19	14 13	0 43	10 26	1 12	26 53	4 45	8 23	7 57	25 26	18 14	3 17
S 3	16 58	26 46	4 9	20 57	1 29	0 46	5 18	23 46	0 54	22 6	0 53	13 48	2 19	14 11	0 43	10 27	1 12	26 53	4 45	8 24	7 58	25 24	18 14	3 17
M 4	16 41	24 6	3 25	20 33	1 34	0 31	5 30	23 42	0 55	22 8	0 53	13 48	2 19	14 10	0 43	10 27	1 12	26 53	4 45	8 26	7 59	25 22	18 14	3 17
T 5	16 24	20 24	2 32	20 7	1 38	0 18	5 41	23 38	0 55	22 9	0 53	13 49	2 19	14 9	0 43	10 28	1 12	26 53	4 45	8 27	8 1	25 20	18 14	3 18
W 6	16 7	15 52	1 32	19 39	1 42	0 5	5 53	23 34	0 56	22 10	0 54	13 49	2 20	14 8	0 43	10 29	1 12	26 53	4 45	8 28	8 2	25 19	18 14	3 18
T 7	15 49	10 41	0 27	19 9	1 44	0s 7	6 5	23 30	0 56	22 12	0 54	13 49	2 20	14 6	0 43	10 29	1 12	26 53	4 45	8 28	8 3	25 17	18 14	3 18
F 8	15 31	5 4	0s40	18 37	1 46	0 18	6 17	23 26	0 57	22 13	0 54	13 50	2 20	14 5	0 43	10 30	1 12	26 53	4 45	8 28	8 4	25 15	18 14	3 19
S 9	15 13	0s49	1 46	18 3	1 47	0 28	6 28	23 21	0 57	22 14	0 54	13 50	2 20	14 4	0 43	10 30	1 12	26 52	4 45	8 28	8 5	25 13	18 14	3 19
S 10	14 55	6 46	2 48	17 28	1 47	0 37	6 40	23 17	0 58	22 15	0 54	13 50	2 20	14 3	0 43	10 31	1 12	26 52	4 46	8 27	8 7	25 12	18 14	3 19
M11	14 36	12 33	3 43	16 51	1 47	0 44	6 51	23 12	0 58	22 16	0 54	13 51	2 21	14 1	0 43	10 32	1 12	26 52	4 46	8 27	8 8	25 10	18 14	3 20
T 12	14 18	17 55	4 28	16 13	1 46	0 51	7 2	23 7	0 59	22 18	0 54	13 51	2 21	14 0	0 43	10 32	1 12	26 52	4 46	8 26	8 9	25 8	18 14	3 20
W13	13 58	22 35	5 0	15 33	1 44	0 57	7 13	23 2	0 59	22 19	0 54	13 51	2 21	13 59	0 43	10 33	1 12	26 52	4 46	8 26	8 10	25 6	18 14	3 20
T 14	13 39	26 8	5 15	14 53	1 42	1 1	7 23	22 56	1 0	22 20	0 54	13 51	2 21	13 58	0 43	10 33	1 12	26 52	4 46	8 26	8 11	25 4	18 14	3 21
F 15	13 20	28 12	5 12	14 12	1 40	1 4	7 33	22 51	1 0	22 21	0 54	13 51	2 22	13 56	0 43	10 34	1 12	26 52	4 46	8 27	8 13	25 3	18 14	3 21
S 16	13 0	28 26	4 50	13 30	1 37	1 6	7 43	22 45	1 1	22 22	0 54	13 51	2 22	13 55	0 43	10 35	1 12	26 52	4 46	8 27	8 14	25 1	18 14	3 21
S 17	12 40	26 39	4 9	12 47	1 33	1 6	7 52	22 39	1 2	22 23	0 54	13 51	2 22	13 54	0 43	10 35	1 12	26 52	4 47	8 28	8 15	24 59	18 14	3 22
M18	12 20	23 0	3 10	12 4	1 29	1 5	8 1	22 33	1 2	22 24	0 54	13 51	2 22	13 52	0 43	10 36	1 12	26 52	4 47	8 28	8 16	24 57	18 14	3 22
T 19	12 0	17 48	1 57	11 20	1 25	1 3	8 9	22 27	1 3	22 25	0 54	13 51	2 22	13 51	0 43	10 36	1 12	26 52	4 47	8 28	8 17	24 55	18 14	3 22
W20	11 39	11 32	0 37	10 36	1 20	1 0	8 16	22 21	1 3	22 25	0 54	13 51	2 23	13 50	0 43	10 37	1 12	26 52	4 47	8 29	8 19	24 54	18 14	3 23
T 21	11 18	4 44	0n44	9 51	1 15	0 55	8 23	22 15	1 4	22 26	0 54	13 51	2 23	13 49	0 43	10 38	1 12	26 52	4 47	8 29	8 20	24 52	18 14	3 23
F 22	10 57	2n10	2 1	9 7	1 10	0 49	8 28	22 8	1 4	22 27	0 54	13 51	2 23	13 47	0 43	10 38	1 12	26 51	4 47	8 28	8 21	24 50	18 14	3 23
S 23	10 36	8 45	3 8	8 22	1 5	0 41	8 34	22 1	1 5	22 28	0 54	13 51	2 23	13 46	0 43	10 39	1 12	26 51	4 47	8 28	8 22	24 48	18 13	3 24
S 24	10 15	14 44	4 3	7 37	0 59	0 33	8 38	21 54	1 5	22 29	0 54	13 50	2 23	13 45	0 43	10 40	1 12	26 51	4 48	8 28	8 23	24 46	18 13	3 24
M25	9 54	19 52	4 43	6 52	0 53	0 23	8 41	21 47	1 6	22 29	0 54	13 50	2 24	13 44	0 43	10 40	1 12	26 51	4 48	8 28	8 25	24 44	18 13	3 24
T 26	9 32	23 56	5 8	6 6	0 47	0 12	8 44	21 40	1 6	22 30	0 54	13 50	2 24	13 42	0 43	10 41	1 12	26 51	4 48	8 28	8 26	24 42	18 13	3 25
W27	9 10	26 47	5 17	5 21	0 40	0 0	8 45	21 33	1 7	22 31	0 54	13 50	2 24	13 41	0 43	10 41	1 12	26 51	4 48	8 28	8 27	24 40	18 13	3 25
T 28	8 48	28 19	5 12	4 36	0 34	0n13	8 46	21 26	1 7	22 31	0 54	13 49	2 24	13 40	0 43	10 42	1 12	26 51	4 48	8 28	8 28	24 39	18 12	3 25
F 29	8 26	28 30	4 54	3 51	0 27	0 26	8 46	21 18	1 8	22 32	0 54	13 49	2 25	13 39	0 43	10 43	1 12	26 51	4 48	8 28	8 29	24 37	18 12	3 26
S 30	8 4	27 21	4 23	3 6	0 20	0 41	8 45	21 10	1 8	22 32	0 54	13 48	2 25	13 37	0 43	10 43	1 12	26 51	4 49	8 28	8 31	24 35	18 12	3 26
S 31	7n42	24n59	3n41	2n21	0n13	0n56	8s42	21n 2	1n 9	22s33	0s54	13n48	2s25	13n36	0n43	10s44	1s12	26n51	4n49	8s28	8s32	24n33	18n12	3s26

Julian Day Number = 1978406.5, Delta T = 01h00m07s
Ecliptic obliquity = 23°36'32, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'48, Lahiri = 5°48'48 Julian Calendar 1 Aug. 704 == Greg. Calendar 5 Aug. 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

SEPTEMBER 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 53 35	11♍26'38	6♌21	26♍13	6°R20	2♌18	22°R48	13°R50	26♌ 6	5°R19	20♋ 6	8♓27	8♓13	25♋56	6♊44	M 1
T 2	22 57 32	12°25'31	18°16	27°47	5♍44	2°56	22♑45	13♉49	26° 9	5♓18	20° 7	8°27	8° 9	26° 3	6°45	T 2
W 3	23 1 28	13°24'25	0♍19	29°20	5°10	3°33	22°42	13°48	26°13	5°16	20° 8	8°27	8° 6	26° 9	6°45	W 3
T 4	23 5 25	14°23'21	12°31	0♎53	4°37	4°10	22°40	13°46	26°17	5°14	20° 9	8°R27	8° 3	26°16	6°45	T 4
F 5	23 9 21	15°22'19	24°54	2°25	4° 5	4°47	22°38	13°45	26°20	5°13	20°11	8°27	8° 0	26°23	6°46	F 5
S 6	23 13 18	16°21'20	7♎29	3°55	3°35	5°24	22°36	13°44	26°24	5°11	20°12	8°27	7°57	26°29	6°46	S 6
S 7	23 17 14	17°20'22	20°17	5°25	3° 6	6° 1	22°34	13°42	26°28	5°10	20°13	8°26	7°54	26°36	6°46	S 7
M 8	23 21 11	18°19'27	3♏19	6°54	2°39	6°38	22°33	13°40	26°31	5° 8	20°14	8°24	7°50	26°43	6°46	M 8
T 9	23 25 7	19°18'33	16°35	8°22	2°14	7°15	22°32	13°39	26°35	5° 6	20°15	8°23	7°47	26°49	6°R46	T 9
W10	23 29 4	20°17'41	0♐ 6	9°49	1°52	7°52	22°31	13°37	26°38	5° 5	20°16	8°22	7°44	26°56	6°46	W10
T 11	23 33 1	21°16'52	13°51	11°15	1°31	8°29	22°30	13°35	26°42	5° 3	20°17	8°21	7°41	27° 3	6°46	T 11
F 12	23 36 57	22°16'04	27°51	12°40	1°13	9° 5	22°29	13°33	26°45	5° 2	20°18	8°D21	7°38	27° 9	6°46	F 12
S 13	23 40 54	23°15'17	12♑ 4	14° 4	0°57	9°42	22°28	13°31	26°49	5° 0	20°19	8°22	7°35	27°16	6°46	S 13
S 14	23 44 50	24°14'33	26°27	15°27	0°44	10°19	22°28	13°28	26°52	4°59	20°20	8°23	7°31	27°23	6°45	S 14
M15	23 48 47	25°13'50	11♒ 0	16°49	0°33	10°55	22°D28	13°26	26°56	4°57	20°20	8°24	7°28	27°29	6°45	M15
T 16	23 52 43	26°13'09	25°35	18°10	0°24	11°32	22°28	13°24	26°59	4°55	20°21	8°25	7°25	27°36	6°44	T 16
W17	23 56 40	27°12'30	10♓ 9	19°30	0°18	12° 9	22°28	13°21	27° 2	4°54	20°22	8°R25	7°22	27°43	6°44	W17
T 18	0 0 36	28°11'53	24°35	20°49	0°14	12°45	22°29	13°18	27° 6	4°52	20°23	8°25	7°19	27°49	6°43	T 18
F 19	0 4 33	29°11'19	8♈48	22° 6	0°D13	13°22	22°30	13°16	27° 9	4°51	20°24	8°23	7°15	27°56	6°43	F 19
S 20	0 8 30	0♎10'46	22°43	23°22	0°14	13°58	22°30	13°13	27°13	4°49	20°25	8°20	7°12	28° 3	6°42	S 20
S 21	0 12 26	1°10'15	6♉16	24°37	0°17	14°35	22°32	13°10	27°16	4°48	20°25	8°17	7° 9	28° 9	6°41	S 21
M22	0 16 23	2° 9'47	19°27	25°50	0°23	15°11	22°33	13° 7	27°19	4°47	20°26	8°13	7° 6	28°16	6°41	M22
T 23	0 20 19	3° 9'21	2♊15	27° 1	0°31	15°47	22°34	13° 4	27°22	4°45	20°27	8°10	7° 3	28°23	6°40	T 23
W24	0 24 16	4° 8'58	14°43	28°11	0°42	16°24	22°36	13° 1	27°26	4°44	20°27	8° 7	7° 0	28°29	6°39	W24
T 25	0 28 12	5° 8'37	26°55	29°19	0°54	17° 0	22°38	12°57	27°29	4°42	20°28	8° 6	6°56	28°36	6°38	T 25
F 26	0 32 9	6° 8'18	8♋55	0♏24	1° 9	17°36	22°40	12°54	27°32	4°41	20°29	8°D 6	6°53	28°43	6°37	F 26
S 27	0 36 5	7° 8'01	20°47	1°28	1°25	18°12	22°42	12°50	27°35	4°40	20°29	8° 6	6°50	28°49	6°35	S 27
S 28	0 40 2	8° 7'47	2♌36	2°28	1°44	18°48	22°45	12°47	27°38	4°38	20°30	8° 8	6°47	28°56	6°34	S 28
M29	0 43 59	9° 7'35	14°28	3°26	2° 5	19°24	22°47	12°43	27°41	4°37	20°30	8°10	6°44	29° 3	6°33	M29
T 30	0 47 55	10♎ 7'25	26♌27	4♏21	2♍27	20♌ 0	22♑50	12♉40	27♌44	4♓36	20♋31	8♓11	6♓41	29♋ 9	6♊32	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n19	21n33	2n49	1n37	0n 6	1n12	8s39	20n54	1n 9	22s33	0s54	13n48	2s25	13n35	0n43	10s45	1s12	26n51	4n49	8s28	8s33	24n31	18n11	3s27
T 2	6 57	17 12	1 50	0 52	0s 1	1 29	8 35	20 46	1 10	22 34	0 54	13 47	2 25	13 34	0 43	10 45	1 12	26 51	4 49	8 27	8 34	24 29	18 11	3 27
W 3	6 34	12 9	0 45	0 8	0 8	1 46	8 30	20 38	1 10	22 34	0 54	13 47	2 26	13 32	0 43	10 46	1 12	26 51	4 49	8 27	8 35	24 27	18 11	3 27
T 4	6 11	6 34	0s22	0s35	0 15	2 3	8 25	20 30	1 11	22 34	0 54	13 46	2 26	13 31	0 43	10 46	1 12	26 51	4 49	8 27	8 37	24 25	18 11	3 28
F 5	5 48	0 40	1 30	1 19	0 23	2 21	8 18	20 21	1 11	22 35	0 54	13 45	2 26	13 30	0 43	10 47	1 12	26 51	4 50	8 27	8 38	24 23	18 10	3 28
S 6	5 25	5s21	2 34	2 2	0 30	2 38	8 11	20 13	1 12	22 35	0 54	13 45	2 26	13 29	0 43	10 48	1 12	26 51	4 50	8 28	8 39	24 21	18 10	3 29
S 7	5 2	11 15	3 32	2 44	0 37	2 56	8 3	20 4	1 12	22 35	0 54	13 44	2 26	13 27	0 43	10 48	1 12	26 51	4 50	8 28	8 40	24 19	18 10	3 29
M 8	4 39	16 46	4 19	3 26	0 45	3 13	7 54	19 55	1 13	22 35	0 54	13 44	2 26	13 26	0 43	10 49	1 12	26 51	4 50	8 29	8 41	24 17	18 9	3 29
T 9	4 16	21 36	4 54	4 8	0 52	3 31	7 45	19 46	1 13	22 36	0 54	13 43	2 27	13 25	0 43	10 49	1 12	26 51	4 50	8 29	8 43	24 15	18 9	3 30
W10	3 52	25 25	5 13	4 49	0 59	3 48	7 35	19 37	1 14	22 36	0 54	13 42	2 27	13 24	0 43	10 50	1 12	26 51	4 50	8 29	8 44	24 13	18 9	3 30
T 11	3 29	27 50	5 15	5 30	1 7	4 5	7 25	19 28	1 14	22 36	0 54	13 41	2 27	13 23	0 43	10 51	1 12	26 51	4 51	8 30	8 45	24 11	18 8	3 30
F 12	3 5	28 34	4 58	6 10	1 14	4 21	7 14	19 19	1 15	22 36	0 53	13 41	2 27	13 21	0 43	10 51	1 12	26 51	4 51	8 30	8 46	24 9	18 8	3 31
S 13	2 42	27 26	4 23	6 50	1 21	4 37	7 3	19 9	1 15	22 36	0 53	13 40	2 27	13 20	0 43	10 52	1 12	26 51	4 51	8 30	8 47	24 7	18 7	3 31
S 14	2 18	24 28	3 32	7 29	1 28	4 53	6 51	19 0	1 16	22 36	0 53	13 39	2 28	13 19	0 43	10 52	1 12	26 51	4 51	8 29	8 48	24 5	18 7	3 31
M15	1 54	19 56	2 26	8 7	1 35	5 8	6 40	18 50	1 16	22 36	0 53	13 38	2 28	13 18	0 43	10 53	1 12	26 51	4 51	8 29	8 50	24 3	18 7	3 32
T 16	1 31	14 11	1 10	8 45	1 42	5 22	6 27	18 40	1 17	22 36	0 53	13 37	2 28	13 17	0 43	10 53	1 12	26 51	4 52	8 28	8 51	24 1	18 6	3 32
W17	1 7	7 40	0n10	9 22	1 49	5 36	6 15	18 31	1 17	22 36	0 53	13 36	2 28	13 16	0 43	10 54	1 12	26 51	4 52	8 28	8 52	23 59	18 6	3 32
T 18	0 43	0 49	1 28	9 58	1 56	5 48	6 3	18 21	1 18	22 36	0 53	13 35	2 28	13 14	0 43	10 55	1 12	26 52	4 52	8 28	8 53	23 57	18 5	3 33
F 19	0 20	5n57	2 40	10 33	2 2	6 1	5 50	18 11	1 18	22 35	0 53	13 34	2 28	13 13	0 43	10 55	1 12	26 52	4 52	8 29	8 54	23 55	18 5	3 33
S 20	0s 4	12 18	3 40	11 8	2 9	6 12	5 38	18 1	1 19	22 35	0 53	13 33	2 29	13 12	0 43	10 56	1 12	26 52	4 52	8 30	8 56	23 53	18 4	3 33
S 21	0 28	17 54	4 27	11 41	2 15	6 23	5 25	17 50	1 19	22 35	0 53	13 32	2 29	13 11	0 43	10 56	1 12	26 52	4 53	8 31	8 57	23 51	18 4	3 34
M22	0 52	22 29	4 58	12 14	2 21	6 32	5 13	17 40	1 20	22 35	0 53	13 31	2 29	13 10	0 43	10 57	1 12	26 52	4 53	8 33	8 58	23 49	18 4	3 34
T 23	1 16	25 51	5 12	12 46	2 27	6 41	5 0	17 30	1 20	22 34	0 53	13 30	2 29	13 9	0 43	10 57	1 12	26 52	4 53	8 34	8 59	23 47	18 3	3 35
W24	1 40	27 54	5 12	13 16	2 32	6 50	4 47	17 19	1 21	22 34	0 53	13 29	2 29	13 8	0 43	10 58	1 12	26 52	4 53	8 35	9 0	23 45	18 3	3 35
T 25	2 3	28 32	4 57	13 45	2 37	6 57	4 35	17 9	1 21	22 34	0 53	13 28	2 29	13 7	0 43	10 58	1 12	26 52	4 53	8 35	9 2	23 43	18 2	3 35
F 26	2 27	27 48	4 30	14 13	2 42	7 3	4 22	16 58	1 22	22 33	0 53	13 27	2 29	13 6	0 43	10 59	1 12	26 52	4 54	8 36	9 3	23 41	18 2	3 36
S 27	2 51	25 48	3 51	14 40	2 46	7 9	4 10	16 47	1 22	22 33	0 53	13 26	2 29	13 5	0 43	10 59	1 12	26 52	4 54	8 35	9 4	23 39	18 1	3 36
S 28	3 15	22 41	3 3	15 5	2 50	7 14	3 58	16 36	1 23	22 32	0 53	13 25	2 30	13 4	0 43	11 0	1 12	26 52	4 54	8 35	9 5	23 37	18 0	3 36
M29	3 39	18 37	2 6	15 28	2 54	7 18	3 46	16 25	1 23	22 32	0 53	13 23	2 30	13 3	0 44	11 0	1 12	26 53	4 54	8 34	9 6	23 35	18 0	3 37
T 30	4s 2	13n47	1n 4	15s50	2s57	7n21	3s34	16n14	1n24	22s31	0s52	13n22	2s30	13n 1	0n44	11s 1	1s12	26n53	4n54	8s33	9s 7	23n32	17n59	3s37

Julian Day Number = 1978437.5, Delta T = 01h00m06s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'52, Lahiri = 5°48'52 Julian Calendar 1 Sept. 704 == Greg. Calendar 5 Sept. 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

OCTOBER 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 51 52	11♎ 7'18	8♍37	5♏12	2♍51	20♌36	22♑53	12°R36	27♌47	4°R35	20♋31	8°R12	6♓37	29♋16	6°R30	W 1
T 2	0 55 48	12° 7'12	21° 0	6° 0	3°17	21°12	22°56	12♑32	27°50	4♓33	20°32	8♓11	6°34	29°23	6♊29	T 2
F 3	0 59 45	13° 7'09	3♎39	6°43	3°45	21°48	23° 0	12°28	27°53	4°32	20°32	8° 9	6°31	29°30	6°27	F 3
S 4	1 3 41	14° 7'08	16°35	7°22	4°14	22°24	23° 3	12°24	27°56	4°31	20°33	8° 4	6°28	29°36	6°26	S 4
S 5	1 7 38	15° 7'08	29°47	7°55	4°45	23° 0	23° 7	12°20	27°59	4°30	20°33	7°59	6°25	29°43	6°24	S 5
M 6	1 11 34	16° 7'11	13♏14	8°23	5°18	23°35	23°11	12°16	28° 2	4°29	20°33	7°52	6°21	29°50	6°22	M 6
T 7	1 15 31	17° 7'15	26°54	8°45	5°51	24°11	23°15	12°12	28° 4	4°27	20°34	7°46	6°18	29°56	6°21	T 7
W 8	1 19 28	18° 7'22	10♐44	8°59	6°27	24°47	23°20	12° 8	28° 7	4°26	20°34	7°40	6°15	0♌ 3	6°19	W 8
T 9	1 23 24	19° 7'30	24°42	9°R 6	7° 3	25°22	23°24	12° 3	28°10	4°25	20°34	7°36	6°12	0°10	6°17	T 9
F 10	1 27 21	20° 7'39	8♑45	9° 5	7°41	25°58	23°29	11°59	28°13	4°24	20°35	7°33	6° 9	0°16	6°15	F 10
S 11	1 31 17	21° 7'50	22°52	8°55	8°20	26°33	23°34	11°55	28°15	4°23	20°35	7°D33	6° 6	0°23	6°13	S 11
S 12	1 35 14	22° 8'03	7♒ 1	8°36	9° 0	27° 8	23°39	11°50	28°18	4°22	20°35	7°33	6° 2	0°30	6°11	S 12
M13	1 39 10	23° 8'17	21°11	8° 7	9°42	27°44	23°44	11°46	28°20	4°21	20°35	7°35	5°59	0°36	6° 9	M13
T 14	1 43 7	24° 8'33	5♓20	7°28	10°24	28°19	23°50	11°41	28°23	4°20	20°35	7°R36	5°56	0°43	6° 7	T 14
W15	1 47 3	25° 8'50	19°26	6°40	11° 8	28°54	23°55	11°36	28°25	4°19	20°35	7°35	5°53	0°50	6° 5	W15
T 16	1 51 0	26° 9'09	3♈26	5°42	11°53	29°29	24° 1	11°32	28°28	4°19	20°36	7°32	5°50	0°56	6° 3	T 16
F 17	1 54 57	27° 9'29	17°16	4°37	12°39	0♍ 4	24° 7	11°27	28°30	4°18	20°36	7°27	5°46	1° 3	6° 0	F 17
S 18	1 58 53	28° 9'52	0♉54	3°24	13°25	0°39	24°13	11°22	28°33	4°17	20°36	7°20	5°43	1°10	5°58	S 18
S 19	2 2 50	29°10'15	14°16	2° 7	14°13	1°14	24°19	11°18	28°35	4°16	20°R36	7°11	5°40	1°16	5°56	S 19
M20	2 6 46	0♏10'41	27°20	0°47	15° 1	1°49	24°26	11°13	28°37	4°15	20°36	7° 1	5°37	1°23	5°53	M20
T 21	2 10 43	1°11'09	10♊ 5	29♎27	15°51	2°24	24°32	11° 8	28°39	4°15	20°36	6°52	5°34	1°30	5°51	T 21
W22	2 14 39	2°11'38	22°33	28°10	16°41	2°59	24°39	11° 3	28°42	4°14	20°35	6°43	5°31	1°36	5°48	W22
T 23	2 18 36	3°12'10	4♋45	26°57	17°32	3°34	24°46	10°58	28°44	4°13	20°35	6°37	5°27	1°43	5°46	T 23
F 24	2 22 32	4°12'43	16°44	25°52	18°24	4° 8	24°53	10°53	28°46	4°12	20°35	6°33	5°24	1°50	5°43	F 24
S 25	2 26 29	5°13'18	28°36	24°56	19°16	4°43	25° 0	10°49	28°48	4°12	20°35	6°31	5°21	1°56	5°41	S 25
S 26	2 30 26	6°13'55	10♌24	24°11	20°10	5°17	25° 8	10°44	28°50	4°11	20°35	6°D31	5°18	2° 3	5°38	S 26
M27	2 34 22	7°14'33	22°16	23°37	21° 4	5°52	25°15	10°39	28°52	4°11	20°35	6°31	5°15	2°10	5°35	M27
T 28	2 38 19	8°15'14	4♍15	23°14	21°58	6°26	25°23	10°34	28°54	4°10	20°34	6°R32	5°12	2°16	5°32	T 28
W29	2 42 15	9°15'56	16°28	23°D 4	22°54	7° 1	25°31	10°29	28°55	4°10	20°34	6°32	5° 8	2°23	5°30	W29
T 30	2 46 12	10°16'39	28°58	23° 4	23°50	7°35	25°39	10°24	28°57	4° 9	20°34	6°29	5° 5	2°30	5°27	T 30
F 31	2 50 8	11♏17'25	11♎48	23♎15	24♍46	8♍ 9	25♑47	10♑19	28♌59	4♓ 9	20♋34	6♓24	5♓ 2	2♌36	5♊24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s26	8n22	0s 2	16s10	2s59	7n23	3s22	16n 3	1n24	22s31	0s52	13n21	2s30	13n 0	0n44	11s 1	1s12	26n53	4n55	8s33	9s 9	23n30	17n59	3s37
T 2	4 49	2 32	1 9	16 28	3 1	7 25	3 11	15 52	1 25	22 30	0 52	13 20	2 30	12 59	0 44	11 1	1 12	26 53	4 55	8 34	9 10	23 28	17 58	3 38
F 3	5 13	3s31	2 14	16 43	3 3	7 25	2 59	15 41	1 25	22 30	0 52	13 18	2 30	12 58	0 44	11 2	1 12	26 53	4 55	8 34	9 11	23 26	17 58	3 38
S 4	5 36	9 32	3 14	16 57	3 3	7 25	2 48	15 30	1 26	22 29	0 52	13 17	2 30	12 57	0 44	11 2	1 12	26 53	4 55	8 36	9 12	23 24	17 57	3 38
S 5	6 0	15 16	4 4	17 7	3 2	7 24	2 37	15 18	1 26	22 28	0 52	13 16	2 30	12 57	0 44	11 3	1 12	26 53	4 55	8 38	9 13	23 22	17 56	3 39
M 6	6 23	20 24	4 42	17 15	3 1	7 22	2 26	15 7	1 27	22 27	0 52	13 14	2 30	12 56	0 44	11 3	1 12	26 53	4 56	8 41	9 15	23 20	17 56	3 39
T 7	6 46	24 32	5 4	17 20	2 59	7 20	2 15	14 56	1 27	22 27	0 52	13 13	2 31	12 55	0 44	11 3	1 12	26 54	4 56	8 43	9 16	23 18	17 55	3 39
W 8	7 9	27 19	5 9	17 21	2 55	7 17	2 5	14 44	1 28	22 26	0 52	13 12	2 31	12 54	0 44	11 4	1 12	26 54	4 56	8 45	9 17	23 15	17 55	3 40
T 9	7 32	28 26	4 56	17 19	2 50	7 13	1 55	14 32	1 28	22 25	0 52	13 10	2 31	12 53	0 44	11 4	1 12	26 54	4 56	8 47	9 18	23 13	17 54	3 40
F 10	7 55	27 44	4 25	17 12	2 44	7 8	1 45	14 21	1 29	22 24	0 52	13 9	2 31	12 52	0 44	11 5	1 12	26 54	4 56	8 48	9 19	23 11	17 53	3 40
S 11	8 18	25 14	3 38	17 2	2 36	7 2	1 35	14 9	1 29	22 23	0 52	13 8	2 31	12 51	0 44	11 5	1 12	26 54	4 57	8 48	9 20	23 9	17 53	3 41
S 12	8 41	21 11	2 38	16 47	2 26	6 56	1 25	13 57	1 30	22 22	0 52	13 6	2 31	12 50	0 44	11 5	1 12	26 54	4 57	8 48	9 22	23 7	17 52	3 41
M13	9 3	15 55	1 28	16 27	2 15	6 49	1 16	13 46	1 30	22 21	0 52	13 5	2 31	12 49	0 44	11 6	1 12	26 55	4 57	8 47	9 23	23 5	17 51	3 41
T 14	9 26	9 49	0 12	16 2	2 2	6 42	1 6	13 34	1 31	22 20	0 52	13 3	2 31	12 48	0 44	11 6	1 12	26 55	4 57	8 47	9 24	23 2	17 51	3 41
W15	9 48	3 14	1n 3	15 32	1 48	6 33	0 57	13 22	1 31	22 19	0 52	13 2	2 31	12 48	0 44	11 6	1 12	26 55	4 57	8 47	9 25	23 0	17 50	3 42
T 16	10 10	3n26	2 15	14 57	1 32	6 25	0 48	13 10	1 32	22 18	0 51	13 0	2 31	12 47	0 44	11 7	1 12	26 55	4 58	8 48	9 26	22 58	17 49	3 42
F 17	10 32	9 51	3 17	14 18	1 14	6 15	0 40	12 58	1 33	22 17	0 51	12 59	2 31	12 46	0 44	11 7	1 12	26 55	4 58	8 50	9 28	22 56	17 49	3 42
S 18	10 54	15 43	4 7	13 36	0 55	6 5	0 31	12 46	1 33	22 16	0 51	12 57	2 31	12 45	0 44	11 7	1 12	26 56	4 58	8 53	9 29	22 54	17 48	3 43
S 19	11 15	20 43	4 42	12 50	0 35	5 54	0 23	12 34	1 34	22 15	0 51	12 56	2 31	12 44	0 44	11 7	1 12	26 56	4 58	8 56	9 30	22 51	17 47	3 43
M20	11 37	24 35	5 1	12 3	0 14	5 42	0 15	12 22	1 34	22 14	0 51	12 54	2 31	12 44	0 44	11 8	1 12	26 56	4 58	9 0	9 31	22 49	17 47	3 43
T 21	11 58	27 9	5 5	11 15	0n 7	5 30	0 7	12 10	1 35	22 12	0 51	12 53	2 31	12 43	0 44	11 8	1 12	26 56	4 59	9 3	9 32	22 47	17 46	3 43
W22	12 19	28 18	4 54	10 28	0 27	5 18	0n 0	11 58	1 35	22 11	0 51	12 51	2 31	12 42	0 44	11 8	1 12	26 56	4 59	9 6	9 33	22 45	17 45	3 44
T 23	12 40	28 1	4 30	9 44	0 46	5 5	0 8	11 45	1 36	22 10	0 51	12 50	2 31	12 41	0 44	11 8	1 11	26 57	4 59	9 9	9 35	22 42	17 45	3 44
F 24	13 1	26 25	3 54	9 4	1 5	4 51	0 15	11 33	1 36	22 8	0 51	12 48	2 31	12 41	0 44	11 9	1 11	26 57	4 59	9 10	9 36	22 40	17 44	3 44
S 25	13 21	23 40	3 9	8 28	1 21	4 37	0 22	11 21	1 37	22 7	0 51	12 47	2 31	12 40	0 44	11 9	1 11	26 57	4 59	9 11	9 37	22 38	17 43	3 45
S 26	13 42	19 55	2 15	7 57	1 36	4 22	0 29	11 9	1 37	22 6	0 51	12 45	2 31	12 39	0 44	11 9	1 11	26 57	5 0	9 11	9 38	22 36	17 42	3 45
M27	14 2	15 23	1 16	7 32	1 49	4 6	0 35	10 56	1 38	22 4	0 51	12 44	2 31	12 39	0 44	11 9	1 11	26 57	5 0	9 11	9 39	22 33	17 42	3 45
T 28	14 21	10 12	0 12	7 14	2 0	3 51	0 42	10 44	1 38	22 3	0 51	12 42	2 31	12 38	0 45	11 9	1 11	26 58	5 0	9 11	9 40	22 31	17 41	3 45
W29	14 41	4 34	0s53	7 2	2 9	3 34	0 48	10 32	1 39	22 1	0 51	12 41	2 31	12 38	0 45	11 9	1 11	26 58	5 0	9 11	9 42	22 29	17 40	3 46
T 30	15 0	1s22	1 57	6 55	2 16	3 18	0 54	10 19	1 39	22 0	0 51	12 39	2 31	12 37	0 45	11 10	1 11	26 58	5 0	9 12	9 43	22 27	17 39	3 46
F 31	15s19	7s24	2s56	6s54	2n22	3n 0	1n 0	10n 7	1n40	21s58	0s51	12n38	2s31	12n36	0n45	11s10	1s11	26n58	5n 1	9s14	9s44	22n24	17n39	3s46

Julian Day Number = 1978467.5, Delta T = 01h00m05s
Ecliptic obliquity = 23°36'33, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°41'56, Lahiri = 5°48'57 Julian Calendar 1 Oct. 704 == Greg. Calendar 5 Oct. 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

NOVEMBER 704 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 54 5	12♏18'12	25♎ 1	23♎36	25♍43	8♍43	25♑55	10°R14	29♌ 1	4°R 8	20°R33	6°R16	4♓59	2♌43	5°R21	S 1
S 2	2 58 1	13°19'00	8♏35	24° 6	26°41	9°17	26° 4	10♉ 9	29° 2	4♓ 8	20♋33	6♓ 6	4°56	2°50	5♊18	S 2
M 3	3 1 58	14°19'50	22°29	24°44	27°39	9°51	26°12	10° 4	29° 4	4° 8	20°32	5°55	4°52	2°56	5°15	M 3
T 4	3 5 55	15°20'41	6♐37	25°29	28°38	10°25	26°21	9°59	29° 5	4° 8	20°32	5°43	4°49	3° 3	5°12	T 4
W 5	3 9 51	16°21'33	20°55	26°21	29°37	10°59	26°30	9°54	29° 7	4° 7	20°32	5°33	4°46	3°10	5° 9	W 5
T 6	3 13 48	17°22'27	5♑17	27°18	0♎36	11°32	26°39	9°49	29° 8	4° 7	20°31	5°24	4°43	3°16	5° 6	T 6
F 7	3 17 44	18°23'21	19°37	28°20	1°37	12° 6	26°48	9°45	29°10	4° 7	20°31	5°19	4°40	3°23	5° 3	F 7
S 8	3 21 41	19°24'16	3♒52	29°26	2°37	12°40	26°57	9°40	29°11	4° 7	20°30	5°16	4°37	3°30	5° 0	S 8
S 9	3 25 37	20°25'12	18° 0	0♏35	3°38	13°13	27° 6	9°35	29°12	4° 7	20°30	5°D15	4°33	3°36	4°57	S 9
M10	3 29 34	21°26'09	1♓59	1°48	4°39	13°46	27°16	9°30	29°13	4° 7	20°29	5°R15	4°30	3°43	4°54	M10
T 11	3 33 30	22°27'06	15°50	3° 4	5°41	14°20	27°26	9°25	29°15	4° 6	20°28	5°15	4°27	3°50	4°51	T 11
W12	3 37 27	23°28'05	29°33	4°22	6°43	14°53	27°35	9°21	29°16	4°D 6	20°28	5°13	4°24	3°56	4°47	W12
T 13	3 41 24	24°29'04	13♈ 7	5°42	7°46	15°26	27°45	9°16	29°17	4° 6	20°27	5° 8	4°21	4° 3	4°44	T 13
F 14	3 45 20	25°30'03	26°31	7° 3	8°49	15°59	27°55	9°11	29°18	4° 7	20°26	5° 1	4°18	4°10	4°41	F 14
S 15	3 49 17	26°31'04	9♉45	8°26	9°52	16°32	28° 5	9° 7	29°19	4° 7	20°26	4°50	4°14	4°16	4°38	S 15
S 16	3 53 13	27°32'06	22°47	9°51	10°56	17° 5	28°16	9° 2	29°20	4° 7	20°25	4°37	4°11	4°23	4°35	S 16
M17	3 57 10	28°33'08	5♊36	11°16	12° 0	17°37	28°26	8°58	29°20	4° 7	20°24	4°23	4° 8	4°30	4°31	M17
T 18	4 1 6	29°34'11	18°11	12°43	13° 4	18°10	28°36	8°53	29°21	4° 7	20°24	4° 9	4° 5	4°36	4°28	T 18
W19	4 5 3	0♐35'16	0♋32	14°10	14° 9	18°42	28°47	8°49	29°22	4° 7	20°23	3°57	4° 2	4°43	4°25	W19
T 20	4 8 59	1°36'21	12°40	15°38	15°14	19°15	28°58	8°44	29°23	4° 8	20°22	3°46	3°58	4°50	4°22	T 20
F 21	4 12 56	2°37'27	24°37	17° 6	16°19	19°47	29° 9	8°40	29°23	4° 8	20°21	3°39	3°55	4°56	4°18	F 21
S 22	4 16 53	3°38'34	6♌27	18°35	17°24	20°19	29°19	8°36	29°24	4° 8	20°20	3°34	3°52	5° 3	4°15	S 22
S 23	4 20 49	4°39'41	18°14	20° 5	18°30	20°51	29°30	8°32	29°24	4° 9	20°19	3°32	3°49	5°10	4°12	S 23
M24	4 24 46	5°40'50	0♍ 4	21°35	19°36	21°23	29°42	8°28	29°25	4° 9	20°18	3°32	3°46	5°16	4° 9	M24
T 25	4 28 42	6°41'59	12° 1	23° 5	20°43	21°55	29°53	8°24	29°25	4° 9	20°18	3°32	3°43	5°23	4° 5	T 25
W26	4 32 39	7°43'10	24°12	24°36	21°49	22°27	0♒ 4	8°20	29°25	4°10	20°17	3°31	3°39	5°30	4° 2	W26
T 27	4 36 35	8°44'20	6♎41	26° 7	22°56	22°59	0°16	8°16	29°26	4°10	20°16	3°28	3°36	5°36	3°59	T 27
F 28	4 40 32	9°45'32	19°34	27°38	24° 3	23°30	0°27	8°12	29°26	4°11	20°15	3°23	3°33	5°43	3°56	F 28
S 29	4 44 28	10°46'45	2♏53	29° 9	25°10	24° 2	0°39	8° 8	29°26	4°12	20°14	3°15	3°30	5°50	3°52	S 29
S 30	4 48 25	11♐47'58	16♏39	0♐41	26♎18	24♍33	0♒50	8♉ 4	29♌26	4♓12	20♋13	3♓ 5	3♓27	5♌56	3♊49	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s38	13s17	3s48	6s59	2n25	2n43	1n 6	9n54	1n40	21s56	0s51	12n36	2s31	12n36	0n45	11s10	1s11	26n59	5n 1	9s16	9s45	22n22	17n38	3s46
S 2	15 57	18 41	4 28	7 8	2 28	2 25	1 11	9 42	1 41	21 55	0 50	12 35	2 31	12 35	0 45	11 10	1 11	26 59	5 1	9 20	9 46	22 20	17 37	3 47
M 3	16 15	23 15	4 54	7 21	2 29	2 6	1 16	9 29	1 41	21 53	0 50	12 34	2 31	12 35	0 45	11 10	1 11	26 59	5 1	9 24	9 47	22 18	17 36	3 47
T 4	16 33	26 31	5 2	7 37	2 28	1 48	1 21	9 17	1 42	21 51	0 50	12 32	2 30	12 34	0 45	11 10	1 11	26 59	5 1	9 29	9 49	22 15	17 36	3 47
W 5	16 51	28 8	4 51	7 57	2 27	1 28	1 26	9 5	1 42	21 50	0 50	12 31	2 30	12 34	0 45	11 10	1 11	27 0	5 2	9 33	9 50	22 13	17 35	3 47
T 6	17 8	27 52	4 22	8 20	2 25	1 9	1 31	8 52	1 43	21 48	0 50	12 29	2 30	12 33	0 45	11 10	1 11	27 0	5 2	9 36	9 51	22 11	17 34	3 47
F 7	17 25	25 44	3 37	8 45	2 22	0 49	1 36	8 40	1 43	21 46	0 50	12 28	2 30	12 33	0 45	11 10	1 11	27 0	5 2	9 38	9 52	22 8	17 33	3 48
S 8	17 42	21 59	2 38	9 12	2 18	0 29	1 40	8 27	1 44	21 44	0 50	12 26	2 30	12 32	0 45	11 10	1 11	27 1	5 2	9 39	9 53	22 6	17 33	3 48
S 9	17 59	16 58	1 30	9 40	2 14	0 8	1 44	8 15	1 45	21 42	0 50	12 25	2 30	12 32	0 45	11 10	1 11	27 1	5 2	9 39	9 54	22 4	17 32	3 48
M10	18 15	11 7	0 17	10 10	2 9	0s13	1 48	8 2	1 45	21 40	0 50	12 23	2 30	12 32	0 45	11 10	1 11	27 1	5 3	9 39	9 56	22 1	17 31	3 48
T 11	18 31	4 46	0n56	10 41	2 3	0 34	1 52	7 50	1 46	21 38	0 50	12 22	2 30	12 31	0 45	11 10	1 11	27 1	5 3	9 39	9 57	21 59	17 30	3 49
W12	18 46	1n43	2 5	11 13	1 58	0 55	1 56	7 38	1 46	21 36	0 50	12 21	2 30	12 31	0 45	11 10	1 11	27 2	5 3	9 40	9 58	21 57	17 30	3 49
T 13	19 1	8 4	3 6	11 46	1 52	1 17	1 59	7 25	1 47	21 34	0 50	12 19	2 29	12 31	0 45	11 10	1 11	27 2	5 3	9 42	9 59	21 54	17 29	3 49
F 14	19 16	13 57	3 56	12 18	1 45	1 38	2 3	7 13	1 47	21 32	0 50	12 18	2 29	12 30	0 45	11 10	1 11	27 2	5 3	9 44	10 0	21 52	17 28	3 49
S 15	19 31	19 8	4 32	12 52	1 39	2 1	2 6	7 0	1 48	21 30	0 50	12 17	2 29	12 30	0 45	11 10	1 11	27 3	5 4	9 48	10 1	21 50	17 27	3 49
S 16	19 45	23 19	4 54	13 25	1 32	2 23	2 9	6 48	1 48	21 28	0 50	12 15	2 29	12 30	0 45	11 10	1 11	27 3	5 4	9 53	10 3	21 47	17 27	3 49
M17	19 59	26 18	5 0	13 58	1 25	2 45	2 12	6 36	1 49	21 26	0 50	12 14	2 29	12 30	0 45	11 10	1 11	27 3	5 4	9 58	10 4	21 45	17 26	3 50
T 18	20 12	27 55	4 51	14 31	1 18	3 8	2 14	6 23	1 49	21 24	0 50	12 13	2 29	12 29	0 45	11 10	1 11	27 3	5 4	10 3	10 5	21 42	17 25	3 50
W19	20 25	28 5	4 29	15 4	1 11	3 31	2 17	6 11	1 50	21 22	0 50	12 12	2 29	12 29	0 45	11 10	1 11	27 4	5 4	10 8	10 6	21 40	17 25	3 50
T 20	20 38	26 53	3 54	15 37	1 4	3 54	2 19	5 59	1 51	21 19	0 50	12 10	2 28	12 29	0 46	11 10	1 11	27 4	5 4	10 12	10 7	21 38	17 24	3 50
F 21	20 50	24 28	3 10	16 10	0 56	4 17	2 22	5 46	1 51	21 17	0 50	12 9	2 28	12 29	0 46	11 9	1 11	27 4	5 5	10 14	10 8	21 35	17 23	3 50
S 22	21 2	21 1	2 18	16 41	0 49	4 40	2 24	5 34	1 52	21 15	0 50	12 8	2 28	12 29	0 46	11 9	1 11	27 5	5 5	10 16	10 10	21 33	17 22	3 50
S 23	21 13	16 44	1 20	17 13	0 42	5 4	2 26	5 22	1 52	21 12	0 50	12 7	2 28	12 28	0 46	11 9	1 11	27 5	5 5	10 17	10 11	21 31	17 22	3 50
M24	21 24	11 49	0 18	17 44	0 35	5 27	2 27	5 10	1 53	21 10	0 50	12 6	2 28	12 28	0 46	11 9	1 11	27 5	5 5	10 17	10 12	21 28	17 21	3 51
T 25	21 35	6 25	0s45	18 14	0 27	5 51	2 29	4 57	1 53	21 8	0 50	12 5	2 27	12 28	0 46	11 9	1 10	27 6	5 5	10 17	10 13	21 26	17 20	3 51
W26	21 45	0 41	1 47	18 44	0 20	6 14	2 30	4 45	1 54	21 5	0 50	12 3	2 27	12 28	0 46	11 9	1 10	27 6	5 6	10 17	10 14	21 23	17 19	3 51
T 27	21 55	5s13	2 46	19 12	0 13	6 38	2 32	4 33	1 54	21 3	0 50	12 2	2 27	12 28	0 46	11 8	1 10	27 6	5 6	10 18	10 15	21 21	17 19	3 51
F 28	22 4	11 4	3 38	19 40	0 6	7 1	2 33	4 21	1 55	21 0	0 49	12 1	2 27	12 28	0 46	11 8	1 10	27 7	5 6	10 20	10 17	21 18	17 18	3 51
S 29	22 13	16 37	4 20	20 8	0s 1	7 25	2 34	4 9	1 55	20 58	0 49	12 0	2 27	12 28	0 46	11 8	1 10	27 7	5 6	10 23	10 18	21 16	17 17	3 51
S 30	22s22	21s32	4s49	20s34	0s 8	7s49	2n35	3n57	1n56	20s55	0s49	11n59	2s26	12n28	0n46	11s 8	1s10	27n 7	5n 6	10s27	10s19	21n14	17n17	3s51

Julian Day Number = 1978498.5, Delta T = 01h00m04s
Ecliptic obliquity = 23°36'32, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'00, Lahiri = 5°49'01 Julian Calendar 1 Nov. 704 == Greg. Calendar 5 Nov. 704

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ASTRODIENST EPHEMERIS for the year 704
geocentric

DECEMBER 704 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 52 22	12♐49'11	0♐50	2♐13	27♎25	25♍ 4	1♒ 2	8°R 1	29°R26	4♓13	20°R12	2°R53	3♓24	6♌ 3	3°R46	M 1
T 2	4 56 18	13°50'25	15°21	3°45	28°33	25°35	1°14	7♑57	29♌26	4°14	20♋11	2♓41	3°20	6°10	3♊43	T 2
W 3	5 0 15	14°51'39	0♑ 6	5°18	29°41	26° 6	1°26	7°54	29°26	4°14	20°10	2°29	3°17	6°16	3°39	W 3
T 4	5 4 11	15°52'54	14°55	6°51	0♏50	26°37	1°38	7°50	29°26	4°15	20° 8	2°20	3°14	6°23	3°36	T 4
F 5	5 8 8	16°54'08	29°41	8°24	1°58	27° 7	1°50	7°47	29°26	4°16	20° 7	2°14	3°11	6°30	3°33	F 5
S 6	5 12 4	17°55'23	14♒17	9°57	3° 7	27°38	2° 2	7°44	29°25	4°17	20° 6	2°10	3° 8	6°36	3°30	S 6
S 7	5 16 1	18°56'37	28°38	11°31	4°15	28° 8	2°15	7°41	29°25	4°17	20° 5	2°D 9	3° 4	6°43	3°27	S 7
M 8	5 19 58	19°57'51	12♓42	13° 5	5°24	28°38	2°27	7°38	29°25	4°18	20° 4	2°R 9	3° 1	6°50	3°24	M 8
T 9	5 23 54	20°59'04	26°30	14°39	6°33	29° 8	2°40	7°35	29°24	4°19	20° 3	2° 9	2°58	6°56	3°21	T 9
W10	5 27 51	22° 0'17	10♈ 2	16°14	7°43	29°38	2°52	7°32	29°24	4°20	20° 2	2° 8	2°55	7° 3	3°18	W10
T 11	5 31 47	23° 1'30	23°19	17°48	8°52	0♎ 8	3° 5	7°30	29°23	4°21	20° 0	2° 4	2°52	7°10	3°15	T 11
F 12	5 35 44	24° 2'43	6♉23	19°24	10° 2	0°38	3°17	7°27	29°23	4°22	19°59	1°58	2°49	7°16	3°12	F 12
S 13	5 39 40	25° 3'55	19°15	20°59	11°11	1° 7	3°30	7°24	29°22	4°23	19°58	1°48	2°45	7°23	3° 9	S 13
S 14	5 43 37	26° 5'07	1♊56	22°35	12°21	1°36	3°43	7°22	29°21	4°24	19°57	1°37	2°42	7°30	3° 6	S 14
M15	5 47 33	27° 6'19	14°27	24°11	13°31	2° 5	3°56	7°20	29°21	4°25	19°56	1°25	2°39	7°36	3° 3	M15
T 16	5 51 30	28° 7'30	26°47	25°48	14°41	2°34	4° 9	7°18	29°20	4°26	19°54	1°12	2°36	7°43	3° 0	T 16
W17	5 55 27	29° 8'41	8♋56	27°25	15°51	3° 3	4°22	7°15	29°19	4°28	19°53	1° 1	2°33	7°49	2°57	W17
T 18	5 59 23	0♑ 9'52	20°57	29° 3	17° 2	3°32	4°35	7°13	29°18	4°29	19°52	0°52	2°30	7°56	2°54	T 18
F 19	6 3 20	1°11'03	2♌50	0♑41	18°12	4° 0	4°48	7°12	29°17	4°30	19°50	0°45	2°26	8° 3	2°51	F 19
S 20	6 7 16	2°12'13	14°39	2°19	19°23	4°28	5° 1	7°10	29°16	4°31	19°49	0°41	2°23	8° 9	2°49	S 20
S 21	6 11 13	3°13'23	26°25	3°58	20°33	4°56	5°15	7° 8	29°15	4°33	19°48	0°D39	2°20	8°16	2°46	S 21
M22	6 15 9	4°14'33	8♍14	5°38	21°44	5°24	5°28	7° 7	29°14	4°34	19°47	0°40	2°17	8°23	2°43	M22
T 23	6 19 6	5°15'42	20°10	7°18	22°55	5°52	5°41	7° 5	29°13	4°35	19°45	0°41	2°14	8°29	2°41	T 23
W24	6 23 2	6°16'51	2♎18	8°58	24° 6	6°19	5°55	7° 4	29°12	4°37	19°44	0°R41	2°10	8°36	2°38	W24
T 25	6 26 59	7°18'00	14°43	10°39	25°17	6°46	6° 8	7° 3	29°10	4°38	19°43	0°41	2° 7	8°43	2°35	T 25
F 26	6 30 56	8°19'08	27°31	12°21	26°28	7°13	6°22	7° 1	29° 9	4°39	19°41	0°39	2° 4	8°49	2°33	F 26
S 27	6 34 52	9°20'16	10♏46	14° 2	27°39	7°40	6°35	7° 0	29° 8	4°41	19°40	0°35	2° 1	8°56	2°30	S 27
S 28	6 38 49	10°21'24	24°30	15°45	28°51	8° 7	6°49	6°59	29° 6	4°42	19°39	0°29	1°58	9° 3	2°28	S 28
M29	6 42 45	11°22'31	8♐43	17°28	0♐ 2	8°33	7° 3	6°59	29° 5	4°44	19°37	0°21	1°55	9° 9	2°26	M29
T 30	6 46 42	12°23'38	23°21	19°11	1°14	8°59	7°17	6°58	29° 3	4°45	19°36	0°13	1°51	9°16	2°23	T 30
W31	6 50 38	13♑24'44	8♑19	20♑54	2♐25	9♎25	7♒30	6♑57	29♌ 2	4♓47	19♋34	0♓ 6	1♓48	9♌23	2♊21	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s30	25s22	5s 0	21s 0	0s15	8s12	2n36	3n45	1n57	20s52	0s49	11n58	2s26	12n28	0n46	11s 7	1s10	27n 7	5n 6	10s31	10s20	21n11	17n16	3s51
T 2	22 37	27 39	4 53	21 24	0 22	8 36	2 36	3 33	1 57	20 50	0 49	11 58	2 26	12 28	0 46	11 7	1 10	27 8	5 7	10 36	10 21	21 9	17 15	3 51
W 3	22 45	28 3	4 27	21 48	0 28	9 0	2 37	3 22	1 58	20 47	0 49	11 57	2 26	12 28	0 46	11 7	1 10	27 8	5 7	10 40	10 22	21 6	17 15	3 52
T 4	22 51	26 27	3 42	22 11	0 35	9 23	2 37	3 10	1 58	20 44	0 49	11 56	2 25	12 28	0 46	11 7	1 10	27 8	5 7	10 43	10 23	21 4	17 14	3 52
F 5	22 58	23 1	2 43	22 32	0 41	9 47	2 38	2 58	1 59	20 42	0 49	11 55	2 25	12 28	0 46	11 6	1 10	27 9	5 7	10 45	10 25	21 1	17 13	3 52
S 6	23 3	18 9	1 33	22 53	0 47	10 10	2 38	2 46	1 59	20 39	0 49	11 54	2 25	12 29	0 46	11 6	1 10	27 9	5 7	10 46	10 26	20 59	17 13	3 52
S 7	23 9	12 19	0 19	23 12	0 53	10 33	2 38	2 35	2 0	20 36	0 49	11 53	2 25	12 29	0 46	11 6	1 10	27 9	5 7	10 47	10 27	20 56	17 12	3 52
M 8	23 14	5 59	0n56	23 30	0 59	10 57	2 38	2 23	2 1	20 33	0 49	11 53	2 24	12 29	0 46	11 5	1 10	27 10	5 7	10 47	10 28	20 54	17 11	3 52
T 9	23 18	0n31	2 5	23 47	1 5	11 20	2 37	2 12	2 1	20 30	0 49	11 52	2 24	12 29	0 46	11 5	1 10	27 10	5 8	10 47	10 29	20 51	17 11	3 52
W10	23 22	6 51	3 7	24 3	1 10	11 42	2 37	2 0	2 2	20 27	0 49	11 51	2 24	12 29	0 46	11 4	1 10	27 10	5 8	10 47	10 30	20 49	17 10	3 52
T 11	23 25	12 47	3 57	24 18	1 16	12 5	2 36	1 49	2 2	20 24	0 49	11 51	2 24	12 29	0 46	11 4	1 10	27 11	5 8	10 49	10 32	20 46	17 9	3 52
F 12	23 28	18 2	4 33	24 31	1 21	12 28	2 36	1 38	2 3	20 21	0 49	11 50	2 23	12 30	0 46	11 4	1 10	27 11	5 8	10 51	10 33	20 44	17 9	3 52
S 13	23 31	22 23	4 55	24 43	1 25	12 50	2 35	1 26	2 4	20 18	0 49	11 50	2 23	12 30	0 47	11 3	1 10	27 11	5 8	10 54	10 34	20 41	17 8	3 52
S 14	23 33	25 38	5 2	24 54	1 30	13 12	2 34	1 15	2 4	20 15	0 49	11 49	2 23	12 30	0 47	11 3	1 10	27 12	5 8	10 58	10 35	20 39	17 8	3 52
M15	23 35	27 34	4 55	25 3	1 35	13 34	2 33	1 4	2 5	20 12	0 49	11 48	2 23	12 31	0 47	11 2	1 10	27 12	5 8	11 3	10 36	20 36	17 7	3 52
T 16	23 36	28 7	4 33	25 11	1 39	13 56	2 32	0 53	2 5	20 9	0 49	11 48	2 22	12 31	0 47	11 2	1 10	27 12	5 9	11 7	10 37	20 34	17 6	3 52
W17	23 36	27 17	4 0	25 18	1 43	14 17	2 31	0 42	2 6	20 6	0 49	11 48	2 22	12 31	0 47	11 2	1 10	27 13	5 9	11 11	10 38	20 31	17 6	3 52
T 18	23 37	25 11	3 16	25 23	1 46	14 38	2 30	0 31	2 6	20 3	0 49	11 47	2 22	12 32	0 47	11 1	1 10	27 13	5 9	11 15	10 40	20 29	17 5	3 52
F 19	23 36	21 59	2 23	25 26	1 50	14 59	2 29	0 20	2 7	20 0	0 49	11 47	2 22	12 32	0 47	11 1	1 10	27 13	5 9	11 17	10 41	20 26	17 5	3 52
S 20	23 35	17 54	1 25	25 28	1 53	15 20	2 27	0 10	2 8	19 57	0 49	11 47	2 21	12 32	0 47	11 0	1 10	27 14	5 9	11 19	10 42	20 24	17 4	3 52
S 21	23 34	13 9	0 23	25 28	1 55	15 40	2 26	0s 1	2 8	19 53	0 49	11 46	2 21	12 33	0 47	11 0	1 10	27 14	5 9	11 19	10 43	20 21	17 4	3 52
M22	23 32	7 55	0s41	25 27	1 58	16 0	2 24	0 12	2 9	19 50	0 49	11 46	2 21	12 33	0 47	10 59	1 10	27 14	5 9	11 19	10 44	20 19	17 3	3 52
T 23	23 30	2 21	1 43	25 24	2 0	16 20	2 23	0 22	2 9	19 47	0 49	11 46	2 20	12 34	0 47	10 59	1 10	27 14	5 9	11 19	10 45	20 16	17 3	3 52
W24	23 28	3s23	2 42	25 19	2 2	16 39	2 21	0 32	2 10	19 43	0 49	11 46	2 20	12 34	0 47	10 58	1 10	27 15	5 9	11 18	10 46	20 14	17 2	3 52
T 25	23 24	9 8	3 34	25 13	2 3	16 58	2 19	0 43	2 11	19 40	0 49	11 46	2 20	12 35	0 47	10 57	1 10	27 15	5 10	11 18	10 48	20 11	17 2	3 52
F 26	23 21	14 40	4 18	25 5	2 4	17 17	2 17	0 53	2 11	19 37	0 49	11 45	2 20	12 35	0 47	10 57	1 10	27 15	5 10	11 19	10 49	20 9	17 1	3 52
S 27	23 17	19 44	4 50	24 55	2 4	17 35	2 15	1 3	2 12	19 33	0 49	11 45	2 19	12 36	0 47	10 56	1 10	27 16	5 10	11 21	10 50	20 6	17 1	3 52
S 28	23 12	23 58	5 6	24 44	2 4	17 53	2 13	1 13	2 12	19 30	0 49	11 45	2 19	12 36	0 47	10 56	1 10	27 16	5 10	11 23	10 51	20 3	17 1	3 52
M29	23 7	26 55	5 4	24 30	2 4	18 10	2 11	1 23	2 13	19 26	0 49	11 45	2 19	12 37	0 47	10 55	1 10	27 16	5 10	11 26	10 52	20 1	17 0	3 52
T 30	23 2	28 9	4 43	24 15	2 3	18 27	2 8	1 33	2 14	19 23	0 49	11 45	2 18	12 37	0 47	10 55	1 10	27 17	5 10	11 28	10 53	19 58	17 0	3 52
W31	22s56	27s23	4s 2	23s58	2s 2	18s44	2n 6	1s42	2n14	19s19	0s49	11n46	2s18	12n38	0n47	10s54	1s 9	27n17	5n10	11s31	10s54	19n56	16n59	3s52

Julian Day Number = 1978528.5, Delta T = 01h00m04s
Ecliptic obliquity = 23°36'31, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'04, Lahiri = 5°49'05 Julian Calendar 1 Dec. 704 == Greg. Calendar 5 Dec. 704

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ASTRODIENST EPHEMERIS for the year 705
geocentric

JANUARY 705 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 54 35	14♑25'49	23♑27	22♑38	3♐37	9♎51	7♒44	6°R57	29°R 0	4♓49	19°R33	29°R59	1♓45	9♌29	2°R19	T 1
F 2	6 58 32	15°26'54	8♒35	24°22	4°48	10°16	7°58	6♉57	28♌59	4°50	19♋32	29♒56	1°42	9°36	2♊17	F 2
S 3	7 2 28	16°27'57	23°34	26° 6	6° 0	10°41	8°12	6°56	28°57	4°52	19°30	29°D54	1°39	9°43	2°15	S 3
S 4	7 6 25	17°28'59	8♓16	27°50	7°12	11° 6	8°26	6°D56	28°55	4°54	19°29	29°54	1°36	9°49	2°13	S 4
M 5	7 10 21	18°29'59	22°37	29°34	8°24	11°31	8°40	6°56	28°54	4°55	19°28	29°55	1°32	9°56	2°11	M 5
T 6	7 14 18	19°30'58	6♈35	1♒18	9°36	11°55	8°54	6°57	28°52	4°57	19°26	29°56	1°29	10° 3	2° 9	T 6
W 7	7 18 14	20°31'56	20°10	3° 1	10°48	12°19	9° 8	6°57	28°50	4°59	19°25	29°R57	1°26	10° 9	2° 7	W 7
T 8	7 22 11	21°32'53	3♉24	4°44	12° 0	12°43	9°22	6°57	28°48	5° 0	19°23	29°56	1°23	10°16	2° 5	T 8
F 9	7 26 7	22°33'48	16°19	6°25	13°12	13° 7	9°36	6°58	28°46	5° 2	19°22	29°54	1°20	10°23	2° 3	F 9
S 10	7 30 4	23°34'42	28°58	8° 6	14°24	13°30	9°50	6°58	28°44	5° 4	19°21	29°50	1°16	10°29	2° 1	S 10
S 11	7 34 1	24°35'34	11♊24	9°44	15°36	13°53	10° 4	6°59	28°42	5° 6	19°19	29°44	1°13	10°36	2° 0	S 11
M12	7 37 57	25°36'25	23°39	11°21	16°49	14°16	10°19	7° 0	28°40	5° 8	19°18	29°38	1°10	10°43	1°58	M12
T 13	7 41 54	26°37'15	5♋45	12°55	18° 1	14°38	10°33	7° 1	28°38	5° 9	19°17	29°31	1° 7	10°49	1°57	T 13
W14	7 45 50	27°38'03	17°44	14°26	19°13	15° 0	10°47	7° 2	28°36	5°11	19°15	29°26	1° 4	10°56	1°55	W14
T 15	7 49 47	28°38'50	29°37	15°53	20°26	15°22	11° 1	7° 3	28°34	5°13	19°14	29°21	1° 1	11° 3	1°54	T 15
F 16	7 53 43	29°39'35	11♌26	17°16	21°38	15°43	11°16	7° 4	28°32	5°15	19°12	29°18	0°57	11° 9	1°52	F 16
S 17	7 57 40	0♒40'19	23°14	18°34	22°51	16° 4	11°30	7° 6	28°30	5°17	19°11	29°16	0°54	11°16	1°51	S 17
S 18	8 1 36	1°41'02	5♍ 2	19°46	24° 3	16°25	11°44	7° 7	28°27	5°19	19°10	29°D16	0°51	11°23	1°50	S 18
M19	8 5 33	2°41'44	16°54	20°52	25°16	16°45	11°58	7° 9	28°25	5°21	19° 8	29°17	0°48	11°29	1°49	M19
T 20	8 9 30	3°42'24	28°53	21°50	26°28	17° 5	12°13	7°10	28°23	5°23	19° 7	29°19	0°45	11°36	1°48	T 20
W21	8 13 26	4°43'03	11♎ 2	22°41	27°41	17°25	12°27	7°12	28°20	5°25	19° 6	29°21	0°42	11°42	1°47	W21
T 22	8 17 23	5°43'40	23°27	23°23	28°54	17°44	12°42	7°14	28°18	5°27	19° 4	29°22	0°38	11°49	1°46	T 22
F 23	8 21 19	6°44'17	6♏11	23°56	0♑ 6	18° 3	12°56	7°16	28°16	5°29	19° 3	29°R23	0°35	11°56	1°45	F 23
S 24	8 25 16	7°44'52	19°19	24°20	1°19	18°21	13°10	7°18	28°13	5°31	19° 2	29°22	0°32	12° 2	1°44	S 24
S 25	8 29 12	8°45'26	2♐53	24°33	2°32	18°39	13°25	7°21	28°11	5°33	19° 1	29°21	0°29	12° 9	1°43	S 25
M26	8 33 9	9°45'58	16°55	24°R36	3°45	18°57	13°39	7°23	28° 9	5°35	18°59	29°19	0°26	12°16	1°42	M26
T 27	8 37 5	10°46'30	1♑24	24°29	4°58	19°14	13°54	7°25	28° 6	5°37	18°58	29°16	0°22	12°22	1°42	T 27
W28	8 41 2	11°47'00	16°16	24°11	6°11	19°31	14° 8	7°28	28° 4	5°40	18°57	29°14	0°19	12°29	1°41	W28
T 29	8 44 59	12°47'28	1♒23	23°44	7°24	19°47	14°23	7°31	28° 1	5°42	18°55	29°12	0°16	12°36	1°41	T 29
F 30	8 48 55	13°47'54	16°38	23° 8	8°36	20° 3	14°37	7°33	27°59	5°44	18°54	29°11	0°13	12°42	1°40	F 30
S 31	8 52 52	14♒48'19	1♓49	22♒24	9♑49	20♎18	14♒51	7♉36	27♌56	5♓46	18♋53	29°D10	0♓10	12♌49	1♊40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s49	24s35	3s 4	23s40	2s 0	19s 0	2n 4	1s52	2n15	19s16	0s49	11n46	2s18	12n38	0n47	10s53	1s 9	27n17	5n10	11s33	10s56	19n53	16n59	3s52
F 2	22 42	20 4	1 53	23 19	1 57	19 16	2 1	2 1	2 15	19 12	0 49	11 46	2 17	12 39	0 47	10 53	1 9	27 17	5 10	11 35	10 57	19 51	16 59	3 52
S 3	22 35	14 18	0 34	22 57	1 54	19 31	1 59	2 11	2 16	19 8	0 49	11 46	2 17	12 40	0 47	10 52	1 9	27 18	5 10	11 35	10 58	19 48	16 58	3 52
S 4	22 27	7 50	0n45	22 33	1 50	19 45	1 56	2 20	2 17	19 5	0 50	11 46	2 17	12 40	0 47	10 52	1 9	27 18	5 10	11 35	10 59	19 45	16 58	3 52
M 5	22 19	1 7	2 0	22 7	1 46	19 59	1 54	2 29	2 17	19 1	0 50	11 47	2 17	12 41	0 47	10 51	1 9	27 18	5 11	11 35	11 0	19 43	16 57	3 52
T 6	22 11	5n28	3 6	21 39	1 41	20 13	1 51	2 38	2 18	18 57	0 50	11 47	2 16	12 42	0 47	10 50	1 9	27 19	5 11	11 34	11 1	19 40	16 57	3 52
W 7	22 2	11 37	3 59	21 10	1 35	20 26	1 48	2 47	2 18	18 54	0 50	11 47	2 16	12 42	0 47	10 50	1 9	27 19	5 11	11 34	11 2	19 37	16 57	3 52
T 8	21 52	17 5	4 39	20 39	1 29	20 39	1 46	2 56	2 19	18 50	0 50	11 48	2 16	12 43	0 48	10 49	1 9	27 19	5 11	11 34	11 4	19 35	16 57	3 51
F 9	21 42	21 39	5 2	20 7	1 22	20 51	1 43	3 4	2 20	18 46	0 50	11 48	2 15	12 44	0 48	10 48	1 9	27 19	5 11	11 35	11 5	19 32	16 56	3 51
S 10	21 32	25 7	5 11	19 33	1 14	21 2	1 40	3 13	2 20	18 42	0 50	11 49	2 15	12 44	0 48	10 48	1 9	27 20	5 11	11 37	11 6	19 30	16 56	3 51
S 11	21 21	27 20	5 5	18 59	1 5	21 13	1 37	3 21	2 21	18 39	0 50	11 49	2 15	12 45	0 48	10 47	1 9	27 20	5 11	11 39	11 7	19 27	16 56	3 51
M12	21 10	28 11	4 44	18 23	0 55	21 23	1 34	3 29	2 21	18 35	0 50	11 50	2 14	12 46	0 48	10 46	1 9	27 20	5 11	11 41	11 8	19 24	16 56	3 51
T 13	20 59	27 40	4 12	17 46	0 45	21 33	1 31	3 38	2 22	18 31	0 50	11 50	2 14	12 47	0 48	10 46	1 9	27 21	5 11	11 43	11 9	19 22	16 55	3 51
W14	20 47	25 52	3 28	17 9	0 34	21 42	1 28	3 46	2 23	18 27	0 50	11 51	2 14	12 47	0 48	10 45	1 9	27 21	5 11	11 45	11 10	19 19	16 55	3 51
T 15	20 35	22 54	2 35	16 32	0 22	21 51	1 25	3 53	2 23	18 23	0 50	11 52	2 13	12 48	0 48	10 44	1 9	27 21	5 11	11 47	11 12	19 16	16 55	3 51
F 16	20 22	19 1	1 36	15 55	0 9	21 59	1 22	4 1	2 24	18 19	0 50	11 52	2 13	12 49	0 48	10 43	1 9	27 21	5 11	11 48	11 13	19 14	16 55	3 51
S 17	20 9	14 23	0 33	15 18	0n 5	22 6	1 19	4 9	2 24	18 15	0 50	11 53	2 13	12 50	0 48	10 43	1 9	27 22	5 11	11 48	11 14	19 11	16 55	3 51
S 18	19 56	9 14	0s32	14 41	0 19	22 13	1 16	4 16	2 25	18 11	0 50	11 54	2 13	12 50	0 48	10 42	1 9	27 22	5 11	11 48	11 15	19 8	16 54	3 51
M19	19 42	3 45	1 36	14 6	0 34	22 19	1 12	4 23	2 25	18 7	0 50	11 55	2 12	12 51	0 48	10 41	1 9	27 22	5 11	11 48	11 16	19 6	16 54	3 51
T 20	19 28	1s56	2 36	13 33	0 50	22 24	1 9	4 31	2 26	18 3	0 50	11 56	2 12	12 52	0 48	10 40	1 9	27 22	5 11	11 47	11 17	19 3	16 54	3 50
W21	19 13	7 37	3 30	13 1	1 6	22 29	1 6	4 38	2 27	17 59	0 50	11 56	2 12	12 53	0 48	10 40	1 9	27 22	5 11	11 47	11 18	19 0	16 54	3 50
T 22	18 58	13 7	4 16	12 32	1 22	22 33	1 3	4 44	2 27	17 55	0 50	11 57	2 11	12 54	0 48	10 39	1 9	27 23	5 11	11 46	11 19	18 58	16 54	3 50
F 23	18 43	18 14	4 50	12 5	1 38	22 37	1 0	4 51	2 28	17 51	0 50	11 58	2 11	12 55	0 48	10 38	1 9	27 23	5 12	11 46	11 21	18 55	16 54	3 50
S 24	18 28	22 39	5 11	11 42	1 55	22 40	0 56	4 58	2 28	17 47	0 50	11 59	2 11	12 55	0 48	10 37	1 9	27 23	5 12	11 46	11 22	18 52	16 54	3 50
S 25	18 12	26 2	5 15	11 22	2 11	22 42	0 53	5 4	2 29	17 43	0 50	12 0	2 10	12 56	0 48	10 37	1 9	27 23	5 12	11 47	11 23	18 50	16 54	3 50
M26	17 56	27 57	5 1	11 7	2 27	22 43	0 50	5 10	2 29	17 39	0 51	12 1	2 10	12 57	0 48	10 36	1 9	27 24	5 12	11 48	11 24	18 47	16 54	3 50
T 27	17 39	28 4	4 28	10 55	2 42	22 44	0 47	5 16	2 30	17 35	0 51	12 2	2 10	12 58	0 48	10 35	1 9	27 24	5 12	11 49	11 25	18 44	16 54	3 50
W28	17 23	26 11	3 36	10 47	2 56	22 45	0 43	5 22	2 31	17 31	0 51	12 4	2 10	12 59	0 48	10 34	1 9	27 24	5 12	11 49	11 26	18 42	16 54	3 50
T 29	17 5	22 24	2 28	10 44	3 9	22 44	0 40	5 28	2 31	17 27	0 51	12 5	2 9	13 0	0 48	10 33	1 9	27 24	5 12	11 50	11 27	18 39	16 54	3 49
F 30	16 48	17 4	1 9	10 45	3 20	22 43	0 37	5 33	2 32	17 22	0 51	12 6	2 9	13 1	0 48	10 33	1 9	27 24	5 12	11 50	11 28	18 36	16 54	3 49
S 31	16s30	10s41	0n15	10s50	3n30	22s41	0n34	5s39	2n32	17s18	0s51	12n 7	2s 9	13n 2	0n48	10s32	1s 9	27n25	5n12	11s51	11s30	18n33	16n54	3s49

Julian Day Number = 1978559.5, Delta T = 01h00m03s
Ecliptic obliquity = 23°36'31, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'09, Lahiri = 5°49'09 Julian Calendar 1 Jan. 705 == Greg. Calendar 5 Jan. 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

FEBRUARY 705 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 56 48	15♒48'42	16♓47	21°R33	11♉ 2	20♎33	15♒ 6	7♉39	27°R54	5♓48	18°R52	29♒11	0♓ 7	12♌56	1°R40	S 1
M 2	9 0 45	16°49'03	1♈26	20♒36	12°15	20°48	15°20	7°42	27♌51	5°50	18♋51	29°12	0° 3	13° 2	1♊39	M 2
T 3	9 4 41	17°49'21	15°39	19°35	13°28	21° 2	15°35	7°46	27°49	5°52	18°49	29°13	0° 0	13° 9	1°39	T 3
W 4	9 8 38	18°49'38	29°26	18°32	14°41	21°15	15°49	7°49	27°46	5°55	18°48	29°14	29♒57	13°16	1°39	W 4
T 5	9 12 34	19°49'53	12♉47	17°28	15°54	21°28	16° 4	7°52	27°43	5°57	18°47	29°14	29°54	13°22	1°D39	T 5
F 6	9 16 31	20°50'05	25°44	16°25	17° 8	21°40	16°18	7°56	27°41	5°59	18°46	29°R14	29°51	13°29	1°39	F 6
S 7	9 20 28	21°50'16	8♊21	15°23	18°21	21°52	16°32	7°59	27°38	6° 1	18°45	29°14	29°48	13°36	1°39	S 7
S 8	9 24 24	22°50'24	20°40	14°25	19°34	22° 3	16°47	8° 3	27°36	6° 3	18°44	29°13	29°44	13°42	1°39	S 8
M 9	9 28 21	23°50'30	2♋47	13°31	20°47	22°14	17° 1	8° 7	27°33	6° 6	18°43	29°13	29°41	13°49	1°40	M 9
T 10	9 32 17	24°50'34	14°44	12°43	22° 0	22°24	17°16	8°11	27°30	6° 8	18°41	29°12	29°38	13°56	1°40	T 10
W11	9 36 14	25°50'36	26°36	12° 0	23°13	22°34	17°30	8°15	27°28	6°10	18°40	29°11	29°35	14° 2	1°40	W11
T 12	9 40 10	26°50'36	8♌24	11°24	24°26	22°43	17°44	8°19	27°25	6°12	18°39	29°11	29°32	14° 9	1°41	T 12
F 13	9 44 7	27°50'33	20°12	10°54	25°39	22°51	17°59	8°23	27°23	6°15	18°38	29°11	29°28	14°15	1°41	F 13
S 14	9 48 3	28°50'29	2♍ 2	10°31	26°53	22°59	18°13	8°27	27°20	6°17	18°37	29°11	29°25	14°22	1°42	S 14
S 15	9 52 0	29°50'23	13°55	10°15	28° 6	23° 6	18°27	8°32	27°17	6°19	18°36	29°11	29°22	14°29	1°42	S 15
M16	9 55 57	0♓50'14	25°55	10° 5	29°19	23°13	18°42	8°36	27°15	6°21	18°35	29°11	29°19	14°35	1°43	M16
T 17	9 59 53	1°50'04	8♎ 3	10°D 2	0♒32	23°19	18°56	8°41	27°12	6°24	18°34	29°11	29°16	14°42	1°44	T 17
W18	10 3 50	2°49'52	20°21	10° 5	1°45	23°24	19°10	8°45	27° 9	6°26	18°33	29°10	29°13	14°49	1°45	W18
T 19	10 7 46	3°49'38	2♏53	10°14	2°59	23°29	19°24	8°50	27° 7	6°28	18°33	29°10	29° 9	14°55	1°46	T 19
F 20	10 11 43	4°49'22	15°40	10°29	4°12	23°33	19°39	8°55	27° 4	6°31	18°32	29° 9	29° 6	15° 2	1°47	F 20
S 21	10 15 39	5°49'05	28°47	10°48	5°25	23°36	19°53	8°59	27° 2	6°33	18°31	29° 9	29° 3	15° 9	1°48	S 21
S 22	10 19 36	6°48'45	12♐14	11°13	6°39	23°38	20° 7	9° 4	26°59	6°35	18°30	29°D 9	29° 0	15°15	1°49	S 22
M23	10 23 32	7°48'25	26° 4	11°43	7°52	23°40	20°21	9° 9	26°57	6°37	18°29	29° 9	28°57	15°22	1°50	M23
T 24	10 27 29	8°48'02	10♑17	12°17	9° 5	23°41	20°35	9°14	26°54	6°40	18°28	29°10	28°54	15°29	1°51	T 24
W25	10 31 26	9°47'37	24°50	12°55	10°18	23°R42	20°49	9°20	26°51	6°42	18°28	29°11	28°50	15°35	1°52	W25
T 26	10 35 22	10°47'11	9♒41	13°37	11°32	23°41	21° 3	9°25	26°49	6°44	18°27	29°11	28°47	15°42	1°54	T 26
F 27	10 39 19	11°46'43	24°43	14°23	12°45	23°40	21°17	9°30	26°46	6°46	18°26	29°R12	28°44	15°49	1°55	F 27
S 28	10 43 15	12♓46'12	9♓48	15♒12	13♒58	23♎38	21♒31	9♉36	26♌44	6♓49	18♋25	29♒12	28♒41	15♌55	1♊57	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s13	3s47	1n36	10s59	3n37	22s39	0n30	5s44	2n33	17s14	0s51	12n 8	2s 8	13n 2	0n48	10s31	1s 9	27n25	5n12	11s50	11s31	18n31	16n54	3s49
M 2	15 54	3n10	2 50	11 12	3 43	22 35	0 27	5 49	2 33	17 10	0 51	12 10	2 8	13 3	0 48	10 30	1 9	27 25	5 12	11 50	11 32	18 28	16 54	3 49
T 3	15 36	9 44	3 50	11 28	3 47	22 32	0 24	5 53	2 34	17 5	0 51	12 11	2 8	13 4	0 48	10 29	1 9	27 25	5 12	11 50	11 33	18 25	16 54	3 49
W 4	15 17	15 38	4 36	11 46	3 48	22 27	0 21	5 58	2 34	17 1	0 51	12 12	2 8	13 5	0 48	10 29	1 9	27 25	5 12	11 49	11 34	18 23	16 54	3 49
T 5	14 58	20 37	5 5	12 6	3 47	22 22	0 17	6 2	2 35	16 57	0 51	12 14	2 7	13 6	0 48	10 28	1 9	27 25	5 12	11 49	11 35	18 20	16 54	3 49
F 6	14 39	24 27	5 17	12 28	3 44	22 16	0 14	6 7	2 35	16 53	0 51	12 15	2 7	13 7	0 48	10 27	1 9	27 26	5 12	11 49	11 36	18 17	16 54	3 48
S 7	14 20	27 0	5 13	12 51	3 39	22 10	0 11	6 11	2 35	16 48	0 51	12 16	2 7	13 8	0 48	10 26	1 9	27 26	5 12	11 49	11 37	18 14	16 55	3 48
S 8	14 0	28 12	4 56	13 14	3 32	22 2	0 8	6 14	2 36	16 44	0 51	12 18	2 6	13 9	0 48	10 25	1 9	27 26	5 12	11 50	11 39	18 12	16 55	3 48
M 9	13 40	27 59	4 25	13 38	3 24	21 55	0 5	6 18	2 36	16 40	0 52	12 19	2 6	13 10	0 48	10 24	1 9	27 26	5 12	11 50	11 40	18 9	16 55	3 48
T 10	13 20	26 29	3 43	14 1	3 14	21 46	0 2	6 21	2 37	16 35	0 52	12 21	2 6	13 11	0 48	10 24	1 9	27 26	5 12	11 50	11 41	18 6	16 55	3 48
W11	13 0	23 47	2 51	14 24	3 2	21 37	0s 1	6 25	2 37	16 31	0 52	12 22	2 6	13 11	0 48	10 23	1 9	27 26	5 12	11 50	11 42	18 3	16 55	3 48
T 12	12 39	20 7	1 53	14 45	2 50	21 27	0 4	6 28	2 37	16 27	0 52	12 24	2 5	13 12	0 48	10 22	1 9	27 26	5 12	11 50	11 43	18 1	16 56	3 48
F 13	12 18	15 38	0 50	15 6	2 38	21 17	0 8	6 31	2 38	16 22	0 52	12 26	2 5	13 13	0 48	10 21	1 9	27 27	5 12	11 50	11 44	17 58	16 56	3 48
S 14	11 58	10 35	0s16	15 25	2 24	21 6	0 11	6 33	2 38	16 18	0 52	12 27	2 5	13 14	0 48	10 20	1 9	27 27	5 12	11 50	11 45	17 55	16 56	3 47
S 15	11 36	5 7	1 21	15 42	2 11	20 55	0 13	6 35	2 38	16 14	0 52	12 29	2 5	13 15	0 48	10 19	1 9	27 27	5 12	11 50	11 46	17 52	16 56	3 47
M16	11 15	0s33	2 23	15 58	1 57	20 42	0 16	6 38	2 39	16 9	0 52	12 30	2 4	13 16	0 48	10 19	1 9	27 27	5 12	11 50	11 48	17 49	16 57	3 47
T 17	10 54	6 16	3 20	16 12	1 43	20 30	0 19	6 40	2 39	16 5	0 52	12 32	2 4	13 17	0 48	10 18	1 9	27 27	5 12	11 51	11 49	17 47	16 57	3 47
W18	10 32	11 49	4 8	16 25	1 29	20 16	0 22	6 41	2 39	16 1	0 52	12 34	2 4	13 18	0 48	10 17	1 9	27 27	5 12	11 51	11 50	17 44	16 57	3 47
T 19	10 10	17 1	4 45	16 36	1 15	20 2	0 25	6 43	2 39	15 56	0 52	12 36	2 4	13 19	0 48	10 16	1 9	27 27	5 12	11 51	11 51	17 41	16 57	3 47
F 20	9 49	21 34	5 9	16 45	1 1	19 48	0 28	6 44	2 40	15 52	0 53	12 37	2 3	13 20	0 48	10 15	1 9	27 27	5 11	11 51	11 52	17 38	16 58	3 47
S 21	9 27	25 11	5 18	16 53	0 48	19 32	0 30	6 45	2 40	15 47	0 53	12 39	2 3	13 21	0 48	10 14	1 9	27 28	5 11	11 51	11 53	17 36	16 58	3 47
S 22	9 4	27 32	5 9	16 58	0 35	19 17	0 33	6 46	2 40	15 43	0 53	12 41	2 3	13 21	0 48	10 14	1 9	27 28	5 11	11 51	11 54	17 33	16 58	3 46
M23	8 42	28 16	4 43	17 3	0 22	19 0	0 36	6 46	2 40	15 38	0 53	12 43	2 3	13 22	0 48	10 13	1 9	27 28	5 11	11 51	11 55	17 30	16 59	3 46
T 24	8 20	27 11	4 0	17 5	0 10	18 44	0 38	6 47	2 40	15 34	0 53	12 45	2 2	13 23	0 48	10 12	1 9	27 28	5 11	11 51	11 56	17 27	16 59	3 46
W25	7 57	24 15	2 59	17 5	0s 2	18 26	0 41	6 47	2 40	15 30	0 53	12 46	2 2	13 24	0 48	10 11	1 9	27 28	5 11	11 50	11 58	17 24	17 0	3 46
T 26	7 34	19 39	1 46	17 4	0 14	18 8	0 43	6 47	2 40	15 25	0 53	12 48	2 2	13 25	0 48	10 10	1 9	27 28	5 11	11 50	11 59	17 21	17 0	3 46
F 27	7 12	13 46	0 25	17 2	0 25	17 50	0 46	6 46	2 40	15 21	0 53	12 50	2 2	13 26	0 48	10 9	1 9	27 28	5 11	11 50	12 0	17 19	17 0	3 46
S 28	6s49	7s 3	0n58	16s57	0s35	17s31	0s48	6s46	2n40	15s16	0s53	12n52	2s 1	13n27	0n48	10s 9	1s 9	27n28	5n11	11s50	12s 1	17n16	17n 1	3s46

Julian Day Number = 1978590.5, Delta T = 01h00m02s
Ecliptic obliquity = 23°36'32, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'13, Lahiri = 5°49'13 Julian Calendar 1 Feb. 705 == Greg. Calendar 5 Feb. 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

MARCH 705 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 47 12	13♓45'40	24♓47	16♒ 5	15♒12	23°R35	21♒45	9♉41	26°R41	6♓51	18°R25	29°R11	28♒38	16♌ 2	1♊58	S 1
M 2	10 51 8	14°45'05	9♈31	17° 0	16°25	23♎32	21°59	9°47	26♌39	6°53	18♋24	29♒ 9	28°34	16° 9	2° 0	M 2
T 3	10 55 5	15°44'28	23°54	17°59	17°39	23°28	22°13	9°52	26°37	6°56	18°23	29° 7	28°31	16°15	2° 2	T 3
W 4	10 59 1	16°43'48	7♉51	19° 0	18°52	23°23	22°27	9°58	26°34	6°58	18°23	29° 5	28°28	16°22	2° 3	W 4
T 5	11 2 58	17°43'07	21°22	20° 3	20° 5	23°17	22°40	10° 4	26°32	7° 0	18°22	29° 3	28°25	16°28	2° 5	T 5
F 6	11 6 55	18°42'23	4♊25	21°10	21°19	23°11	22°54	10°10	26°29	7° 2	18°21	29° 1	28°22	16°35	2° 7	F 6
S 7	11 10 51	19°41'37	17° 5	22°18	22°32	23° 3	23° 8	10°15	26°27	7° 4	18°21	29°D 1	28°19	16°42	2° 9	S 7
S 8	11 14 48	20°40'48	29°26	23°29	23°45	22°55	23°21	10°21	26°25	7° 7	18°20	29° 1	28°15	16°48	2°11	S 8
M 9	11 18 44	21°39'57	11♋31	24°42	24°59	22°46	23°35	10°27	26°22	7° 9	18°20	29° 2	28°12	16°55	2°13	M 9
T 10	11 22 41	22°39'04	23°25	25°57	26°12	22°37	23°49	10°34	26°20	7°11	18°19	29° 3	28° 9	17° 2	2°15	T 10
W11	11 26 37	23°38'08	5♌13	27°14	27°25	22°27	24° 2	10°40	26°18	7°13	18°19	29° 5	28° 6	17° 8	2°17	W11
T 12	11 30 34	24°37'10	17° 0	28°32	28°39	22°16	24°16	10°46	26°16	7°16	18°18	29° 7	28° 3	17°15	2°19	T 12
F 13	11 34 30	25°36'09	28°49	29°53	29°52	22° 4	24°29	10°52	26°13	7°18	18°18	29°R 7	27°59	17°22	2°22	F 13
S 14	11 38 27	26°35'07	10♍43	1♓16	1♓ 6	21°51	24°42	10°59	26°11	7°20	18°18	29° 7	27°56	17°28	2°24	S 14
S 15	11 42 23	27°34'02	22°45	2°40	2°19	21°38	24°56	11° 5	26° 9	7°22	18°17	29° 5	27°53	17°35	2°26	S 15
M16	11 46 20	28°32'55	4♎57	4° 6	3°32	21°24	25° 9	11°11	26° 7	7°24	18°17	29° 1	27°50	17°42	2°29	M16
T 17	11 50 17	29°31'46	17°20	5°34	4°46	21° 9	25°22	11°18	26° 5	7°26	18°17	28°57	27°47	17°48	2°31	T 17
W18	11 54 13	0♈30'35	29°54	7° 3	5°59	20°54	25°35	11°24	26° 3	7°29	18°16	28°51	27°44	17°55	2°34	W18
T 19	11 58 10	1°29'22	12♏42	8°34	7°12	20°38	25°48	11°31	26° 1	7°31	18°16	28°46	27°40	18° 2	2°36	T 19
F 20	12 2 6	2°28'07	25°43	10° 7	8°26	20°22	26° 1	11°38	25°59	7°33	18°16	28°41	27°37	18° 8	2°39	F 20
S 21	12 6 3	3°26'51	8♐58	11°41	9°39	20° 4	26°14	11°44	25°57	7°35	18°16	28°37	27°34	18°15	2°42	S 21
S 22	12 9 59	4°25'33	22°28	13°17	10°53	19°47	26°27	11°51	25°55	7°37	18°16	28°35	27°31	18°21	2°44	S 22
M23	12 13 56	5°24'13	6♑13	14°55	12° 6	19°28	26°40	11°58	25°53	7°39	18°15	28°D34	27°28	18°28	2°47	M23
T 24	12 17 52	6°22'51	20°14	16°34	13°20	19° 9	26°53	12° 5	25°52	7°41	18°15	28°35	27°25	18°35	2°50	T 24
W25	12 21 49	7°21'28	4♒30	18°15	14°33	18°50	27° 5	12°12	25°50	7°43	18°15	28°36	27°21	18°41	2°53	W25
T 26	12 25 46	8°20'03	18°59	19°57	15°46	18°30	27°18	12°19	25°48	7°45	18°15	28°38	27°18	18°48	2°56	T 26
F 27	12 29 42	9°18'36	3♓38	21°41	17° 0	18°10	27°30	12°26	25°46	7°47	18°15	28°R38	27°15	18°55	2°59	F 27
S 28	12 33 39	10°17'07	18°22	23°27	18°13	17°49	27°43	12°33	25°45	7°49	18°D15	28°36	27°12	19° 1	3° 2	S 28
S 29	12 37 35	11°15'37	3♈ 4	25°14	19°27	17°28	27°55	12°40	25°43	7°51	18°15	28°33	27° 9	19° 8	3° 5	S 29
M30	12 41 32	12°14'04	17°38	27° 3	20°40	17° 7	28° 8	12°47	25°42	7°53	18°15	28°27	27° 5	19°15	3° 8	M30
T 31	12 45 28	13♈12'30	1♉56	28♓54	21♓53	16♎45	28♒20	12♉54	25♌40	7♓55	18♋15	28♒21	27♒ 2	19♌21	3♊11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s26	0n 0	2n17	16s51	0s46	17s12	0s51	6s45	2n40	15s12	0s54	12n54	2s 1	13n27	0n48	10s 8	1s 9	27n28	5n11	11s50	12s 2	17n13	17n 1	3s46
M 2	6 3	6 56	3 25	16 44	0 55	16 52	0 53	6 44	2 40	15 8	0 54	12 56	2 1	13 28	0 48	10 7	1 9	27 28	5 11	11 51	12 3	17 10	17 2	3 45
T 3	5 40	13 20	4 19	16 34	1 5	16 32	0 55	6 42	2 40	15 3	0 54	12 58	2 1	13 29	0 48	10 6	1 9	27 28	5 11	11 52	12 4	17 7	17 2	3 45
W 4	5 16	18 52	4 55	16 24	1 13	16 11	0 57	6 41	2 39	14 59	0 54	13 0	2 0	13 30	0 48	10 5	1 9	27 28	5 11	11 53	12 5	17 4	17 2	3 45
T 5	4 53	23 16	5 13	16 11	1 22	15 50	0 59	6 39	2 39	14 54	0 54	13 2	2 0	13 31	0 48	10 4	1 9	27 28	5 11	11 53	12 7	17 2	17 3	3 45
F 6	4 30	26 20	5 15	15 57	1 29	15 28	1 1	6 37	2 39	14 50	0 54	13 4	2 0	13 32	0 48	10 4	1 9	27 28	5 11	11 54	12 8	16 59	17 3	3 45
S 7	4 7	27 58	5 1	15 42	1 37	15 6	1 3	6 34	2 38	14 45	0 54	13 6	2 0	13 32	0 48	10 3	1 9	27 28	5 11	11 54	12 9	16 56	17 4	3 45
S 8	3 43	28 9	4 33	15 25	1 43	14 43	1 5	6 32	2 38	14 41	0 54	13 8	2 0	13 33	0 48	10 2	1 9	27 28	5 11	11 54	12 10	16 53	17 4	3 45
M 9	3 20	26 59	3 53	15 6	1 50	14 21	1 7	6 29	2 38	14 37	0 55	13 10	1 59	13 34	0 48	10 1	1 9	27 28	5 11	11 54	12 11	16 50	17 5	3 45
T 10	2 56	24 35	3 4	14 46	1 56	13 57	1 9	6 26	2 37	14 32	0 55	13 12	1 59	13 35	0 48	10 0	1 9	27 28	5 11	11 53	12 12	16 47	17 5	3 44
W11	2 33	21 10	2 8	14 25	2 1	13 34	1 11	6 23	2 36	14 28	0 55	13 15	1 59	13 35	0 48	9 59	1 9	27 28	5 11	11 52	12 13	16 45	17 6	3 44
T 12	2 9	16 54	1 6	14 2	2 6	13 10	1 12	6 19	2 36	14 24	0 55	13 17	1 59	13 36	0 48	9 59	1 9	27 28	5 11	11 52	12 14	16 42	17 6	3 44
F 13	1 46	12 0	0 2	13 37	2 10	12 45	1 14	6 15	2 35	14 19	0 55	13 19	1 59	13 37	0 48	9 58	1 9	27 28	5 11	11 52	12 15	16 39	17 7	3 44
S 14	1 22	6 37	1s 3	13 11	2 14	12 20	1 16	6 11	2 34	14 15	0 55	13 21	1 58	13 38	0 48	9 57	1 9	27 28	5 10	11 52	12 16	16 36	17 8	3 44
S 15	0 58	0 58	2 6	12 44	2 17	11 55	1 17	6 7	2 33	14 10	0 55	13 23	1 58	13 38	0 48	9 56	1 9	27 28	5 10	11 53	12 18	16 33	17 8	3 44
M16	0 35	4s47	3 4	12 15	2 20	11 30	1 19	6 3	2 32	14 6	0 56	13 25	1 58	13 39	0 48	9 55	1 9	27 28	5 10	11 54	12 19	16 30	17 9	3 44
T 17	0 11	10 27	3 54	11 45	2 23	11 4	1 20	5 58	2 31	14 2	0 56	13 28	1 58	13 40	0 48	9 55	1 9	27 28	5 10	11 55	12 20	16 27	17 9	3 44
W18	0n12	15 46	4 33	11 13	2 25	10 38	1 21	5 54	2 30	13 58	0 56	13 30	1 58	13 40	0 48	9 54	1 9	27 28	5 10	11 57	12 21	16 24	17 10	3 44
T 19	0 36	20 31	5 0	10 40	2 26	10 12	1 22	5 49	2 29	13 53	0 56	13 32	1 57	13 41	0 48	9 53	1 9	27 28	5 10	11 59	12 22	16 22	17 10	3 44
F 20	0 59	24 21	5 11	10 6	2 27	9 45	1 24	5 43	2 28	13 49	0 56	13 34	1 57	13 42	0 48	9 52	1 10	27 28	5 10	12 1	12 23	16 19	17 11	3 43
S 21	1 23	27 0	5 7	9 30	2 27	9 19	1 25	5 38	2 27	13 45	0 56	13 36	1 57	13 42	0 48	9 52	1 10	27 28	5 10	12 2	12 24	16 16	17 12	3 43
S 22	1 46	28 8	4 45	8 52	2 27	8 52	1 26	5 33	2 25	13 40	0 57	13 39	1 57	13 43	0 48	9 51	1 10	27 28	5 10	12 3	12 25	16 13	17 12	3 43
M23	2 10	27 35	4 7	8 14	2 26	8 24	1 27	5 27	2 24	13 36	0 57	13 41	1 57	13 43	0 48	9 50	1 10	27 28	5 10	12 3	12 26	16 10	17 13	3 43
T 24	2 33	25 16	3 14	7 34	2 25	7 57	1 28	5 21	2 23	13 32	0 57	13 43	1 57	13 44	0 48	9 49	1 10	27 28	5 10	12 3	12 27	16 7	17 14	3 43
W25	2 56	21 20	2 8	6 53	2 24	7 29	1 28	5 15	2 21	13 28	0 57	13 45	1 56	13 45	0 48	9 49	1 10	27 28	5 10	12 2	12 29	16 4	17 14	3 43
T 26	3 20	16 4	0 52	6 10	2 21	7 1	1 29	5 9	2 19	13 23	0 57	13 48	1 56	13 45	0 48	9 48	1 10	27 28	5 10	12 2	12 30	16 1	17 15	3 43
F 27	3 43	9 49	0n27	5 26	2 19	6 33	1 30	5 3	2 18	13 19	0 57	13 50	1 56	13 46	0 48	9 47	1 10	27 28	5 10	12 2	12 31	15 58	17 15	3 43
S 28	4 6	3 1	1 45	4 41	2 15	6 4	1 30	4 57	2 16	13 15	0 58	13 52	1 56	13 46	0 47	9 46	1 10	27 28	5 10	12 3	12 32	15 55	17 16	3 43
S 29	4 29	3n55	2 56	3 55	2 12	5 36	1 31	4 50	2 14	13 11	0 58	13 55	1 56	13 47	0 47	9 46	1 10	27 28	5 10	12 4	12 33	15 52	17 17	3 43
M30	4 52	10 34	3 54	3 7	2 7	5 7	1 31	4 44	2 12	13 7	0 58	13 57	1 56	13 47	0 47	9 45	1 10	27 28	5 9	12 6	12 34	15 50	17 17	3 43
T 31	5n15	16n33	4n37	2s19	2s 2	4s38	1s32	4s37	2n10	13s 3	0s58	13n59	1s55	13n48	0n47	9s44	1s10	27n28	5n 9	12s 8	12s35	15n47	17n18	3s43

Julian Day Number = 1978618.5, Delta T = 01h00m02s
Ecliptic obliquity = 23°36'32, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'17, Lahiri = 5°49'17 Julian Calendar 1 March 705 == Greg. Calendar 5 March 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

APRIL 705 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 49 25	14♈10'53	15♉52	0♈46	23♓ 7	16°R23	28♒32	13♉ 1	25°R39	7♓57	18♋15	28°R13	26♒59	19♌28	3♊15	W 1
T 2	12 53 21	15° 9'15	29°25	2°40	24°20	16♎ 1	28°44	13° 9	25♌37	7°59	18°15	28♒ 6	26°56	19°35	3°18	T 2
F 3	12 57 18	16° 7'35	12♊32	4°35	25°34	15°39	28°56	13°16	25°36	8° 1	18°15	28° 0	26°53	19°41	3°21	F 3
S 4	13 1 15	17° 5'52	25°16	6°32	26°47	15°17	29° 8	13°23	25°35	8° 3	18°16	27°56	26°50	19°48	3°25	S 4
S 5	13 5 11	18° 4'08	7♋38	8°31	28° 0	14°54	29°20	13°31	25°33	8° 5	18°16	27°53	26°46	19°55	3°28	S 5
M 6	13 9 8	19° 2'21	19°45	10°32	29°14	14°32	29°32	13°38	25°32	8° 6	18°16	27°D52	26°43	20° 1	3°31	M 6
T 7	13 13 4	20° 0'32	1♌40	12°33	0♈27	14°10	29°43	13°45	25°31	8° 8	18°16	27°53	26°40	20° 8	3°35	T 7
W 8	13 17 1	20°58'41	13°28	14°37	1°41	13°48	29°55	13°53	25°30	8°10	18°17	27°54	26°37	20°14	3°38	W 8
T 9	13 20 57	21°56'48	25°16	16°42	2°54	13°26	0♓ 6	14° 0	25°29	8°12	18°17	27°R55	26°34	20°21	3°42	T 9
F 10	13 24 54	22°54'53	7♍ 7	18°48	4° 7	13° 4	0°18	14° 8	25°28	8°13	18°17	27°55	26°31	20°28	3°46	F 10
S 11	13 28 50	23°52'56	19° 7	20°55	5°21	12°42	0°29	14°15	25°27	8°15	18°18	27°52	26°27	20°34	3°49	S 11
S 12	13 32 47	24°50'57	1♎18	23° 3	6°34	12°21	0°40	14°23	25°26	8°17	18°18	27°48	26°24	20°41	3°53	S 12
M13	13 36 44	25°48'57	13°43	25°12	7°48	12° 0	0°52	14°30	25°25	8°19	18°18	27°41	26°21	20°48	3°57	M13
T 14	13 40 40	26°46'54	26°22	27°22	9° 1	11°39	1° 3	14°38	25°24	8°20	18°19	27°32	26°18	20°54	4° 0	T 14
W15	13 44 37	27°44'51	9♏17	29°32	10°14	11°19	1°14	14°46	25°23	8°22	18°19	27°21	26°15	21° 1	4° 4	W15
T 16	13 48 33	28°42'45	22°26	1♑42	11°28	10°59	1°24	14°53	25°22	8°24	18°20	27°11	26°11	21° 8	4° 8	T 16
F 17	13 52 30	29°40'38	5♐49	3°52	12°41	10°40	1°35	15° 1	25°22	8°25	18°20	27° 1	26° 8	21°14	4°12	F 17
S 18	13 56 26	0♑38'30	19°22	6° 2	13°55	10°21	1°46	15° 9	25°21	8°27	18°21	26°53	26° 5	21°21	4°16	S 18
S 19	14 0 23	1°36'20	3♒ 6	8°11	15° 8	10° 2	1°56	15°16	25°20	8°28	18°21	26°48	26° 2	21°28	4°19	S 19
M20	14 4 19	2°34'09	16°58	10°20	16°21	9°45	2° 7	15°24	25°20	8°30	18°22	26°45	25°59	21°34	4°23	M20
T 21	14 8 16	3°31'57	0♓58	12°26	17°35	9°27	2°17	15°32	25°19	8°31	18°22	26°D44	25°56	21°41	4°27	T 21
W22	14 12 13	4°29'44	15° 4	14°32	18°48	9°11	2°27	15°40	25°19	8°33	18°23	26°44	25°52	21°47	4°31	W22
T 23	14 16 9	5°27'29	29°17	16°36	20° 2	8°55	2°37	15°47	25°18	8°34	18°24	26°R44	25°49	21°54	4°35	T 23
F 24	14 20 6	6°25'13	13♓34	18°37	21°15	8°39	2°47	15°55	25°18	8°36	18°24	26°43	25°46	22° 1	4°39	F 24
S 25	14 24 2	7°22'56	27°54	20°37	22°29	8°25	2°57	16° 3	25°18	8°37	18°25	26°40	25°43	22° 7	4°43	S 25
S 26	14 27 59	8°20'38	12♈11	22°34	23°42	8°11	3° 7	16°11	25°18	8°38	18°26	26°34	25°40	22°14	4°48	S 26
M27	14 31 55	9°18'19	26°22	24°29	24°55	7°58	3°17	16°19	25°17	8°40	18°27	26°26	25°36	22°21	4°52	M27
T 28	14 35 52	10°15'58	10♉22	26°21	26° 9	7°45	3°26	16°26	25°17	8°41	18°27	26°15	25°33	22°27	4°56	T 28
W29	14 39 48	11°13'36	24° 5	28°10	27°22	7°34	3°36	16°34	25°17	8°42	18°28	26° 4	25°30	22°34	5° 0	W29
T 30	14 43 45	12♉11'13	7♊29	29♉56	28♈36	7♎23	3♓45	16♉42	25°D17	8♓44	18♋29	25♒52	25♒27	22♌41	5♊ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n38	21n30	5n 1	1s29	1s57	4s10	1s32	4s31	2n 8	12s59	0s58	14n 2	1s55	13n48	0n47	9s44	1s10	27n28	5n 9	12s11	12s36	15n44	17n19	3s43
T 2	6 1	25 11	5 8	0 38	1 51	3 40	1 32	4 24	2 6	12 54	0 58	14 4	1 55	13 49	0 47	9 43	1 10	27 28	5 9	12 13	12 37	15 41	17 19	3 43
F 3	6 23	27 24	4 59	0n14	1 45	3 11	1 32	4 18	2 4	12 50	0 59	14 6	1 55	13 49	0 47	9 42	1 10	27 27	5 9	12 15	12 38	15 38	17 20	3 42
S 4	6 46	28 6	4 34	1 7	1 38	2 42	1 33	4 11	2 2	12 46	0 59	14 9	1 55	13 50	0 47	9 42	1 10	27 27	5 9	12 17	12 40	15 35	17 21	3 42
S 5	7 8	27 20	3 58	2 1	1 31	2 13	1 33	4 5	1 59	12 42	0 59	14 11	1 55	13 50	0 47	9 41	1 10	27 27	5 9	12 18	12 41	15 32	17 21	3 42
M 6	7 30	25 18	3 11	2 56	1 23	1 43	1 33	3 58	1 57	12 38	0 59	14 13	1 55	13 50	0 47	9 40	1 10	27 27	5 9	12 18	12 42	15 29	17 22	3 42
T 7	7 53	22 9	2 17	3 51	1 14	1 14	1 32	3 52	1 55	12 34	0 59	14 16	1 55	13 51	0 47	9 40	1 10	27 27	5 9	12 18	12 43	15 26	17 23	3 42
W 8	8 15	18 8	1 17	4 47	1 6	0 44	1 32	3 46	1 52	12 31	1 0	14 18	1 54	13 51	0 47	9 39	1 10	27 27	5 9	12 17	12 44	15 23	17 24	3 42
T 9	8 37	13 25	0 14	5 44	0 57	0 15	1 32	3 39	1 50	12 27	1 0	14 20	1 54	13 51	0 47	9 38	1 10	27 27	5 9	12 17	12 45	15 20	17 24	3 42
F 10	8 58	8 12	0s49	6 41	0 47	0n15	1 32	3 33	1 47	12 23	1 0	14 23	1 54	13 52	0 47	9 38	1 10	27 27	5 9	12 17	12 46	15 17	17 25	3 42
S 11	9 20	2 38	1 51	7 38	0 37	0 44	1 31	3 27	1 44	12 19	1 0	14 25	1 54	13 52	0 47	9 37	1 10	27 27	5 9	12 18	12 47	15 14	17 26	3 42
S 12	9 41	3s 6	2 49	8 36	0 27	1 14	1 31	3 21	1 42	12 15	1 0	14 27	1 54	13 52	0 47	9 36	1 10	27 27	5 9	12 19	12 48	15 11	17 26	3 42
M13	10 3	8 49	3 40	9 33	0 17	1 44	1 31	3 15	1 39	12 11	1 1	14 30	1 54	13 53	0 47	9 36	1 10	27 26	5 9	12 22	12 49	15 8	17 27	3 42
T 14	10 24	14 17	4 21	10 30	0 7	2 13	1 30	3 10	1 36	12 8	1 1	14 32	1 54	13 53	0 47	9 35	1 10	27 26	5 8	12 25	12 50	15 5	17 28	3 42
W15	10 45	19 15	4 49	11 27	0n 4	2 43	1 29	3 4	1 34	12 4	1 1	14 34	1 54	13 53	0 47	9 35	1 10	27 26	5 8	12 29	12 51	15 2	17 28	3 42
T 16	11 6	23 23	5 3	12 23	0 15	3 12	1 29	2 59	1 31	12 0	1 1	14 37	1 53	13 53	0 47	9 34	1 10	27 26	5 8	12 32	12 53	14 59	17 29	3 42
F 17	11 26	26 21	5 0	13 18	0 25	3 42	1 28	2 54	1 28	11 56	1 1	14 39	1 53	13 54	0 47	9 33	1 10	27 26	5 8	12 35	12 54	14 56	17 30	3 42
S 18	11 47	27 51	4 41	14 11	0 36	4 11	1 27	2 49	1 25	11 53	1 2	14 41	1 53	13 54	0 47	9 33	1 10	27 26	5 8	12 38	12 55	14 53	17 31	3 42
S 19	12 7	27 40	4 5	15 4	0 46	4 41	1 26	2 45	1 22	11 49	1 2	14 44	1 53	13 54	0 47	9 32	1 10	27 26	5 8	12 40	12 56	14 50	17 31	3 42
M20	12 27	25 45	3 15	15 54	0 56	5 10	1 25	2 40	1 19	11 46	1 2	14 46	1 53	13 54	0 47	9 32	1 11	27 25	5 8	12 41	12 57	14 47	17 32	3 42
T 21	12 47	22 15	2 13	16 43	1 6	5 39	1 24	2 36	1 17	11 42	1 2	14 48	1 53	13 54	0 47	9 31	1 11	27 25	5 8	12 41	12 58	14 44	17 33	3 42
W22	13 7	17 25	1 2	17 31	1 15	6 8	1 23	2 32	1 14	11 39	1 2	14 51	1 53	13 54	0 47	9 31	1 11	27 25	5 8	12 41	12 59	14 41	17 34	3 42
T 23	13 26	11 35	0n14	18 15	1 24	6 37	1 22	2 28	1 11	11 35	1 3	14 53	1 53	13 54	0 47	9 30	1 11	27 25	5 8	12 41	13 0	14 38	17 34	3 42
F 24	13 45	5 9	1 28	18 58	1 32	7 6	1 21	2 25	1 8	11 32	1 3	14 55	1 53	13 54	0 47	9 30	1 11	27 25	5 8	12 42	13 1	14 35	17 35	3 42
S 25	14 4	1n34	2 38	19 38	1 40	7 34	1 20	2 22	1 5	11 28	1 3	14 58	1 53	13 55	0 46	9 29	1 11	27 25	5 8	12 43	13 2	14 32	17 36	3 42
S 26	14 23	8 10	3 37	20 16	1 47	8 3	1 18	2 19	1 2	11 25	1 3	15 0	1 53	13 55	0 46	9 29	1 11	27 25	5 8	12 45	13 3	14 29	17 36	3 42
M27	14 42	14 18	4 22	20 52	1 54	8 31	1 17	2 16	0 59	11 22	1 4	15 2	1 52	13 55	0 46	9 28	1 11	27 24	5 8	12 48	13 4	14 26	17 37	3 42
T 28	15 0	19 37	4 50	21 25	2 0	8 59	1 16	2 14	0 56	11 18	1 4	15 5	1 52	13 55	0 46	9 28	1 11	27 24	5 8	12 51	13 6	14 23	17 38	3 42
W29	15 18	23 47	5 1	21 55	2 5	9 27	1 14	2 12	0 54	11 15	1 4	15 7	1 52	13 55	0 46	9 27	1 11	27 24	5 8	12 55	13 7	14 20	17 39	3 42
T 30	15n36	26n34	4n55	22n23	2n 9	9n55	1s13	2s10	0n51	11s12	1s 4	15n 9	1s52	13n55	0n46	9s27	1s11	27n24	5n 7	12s59	13s 8	14n17	17n39	3s42

Julian Day Number = 1978649.5, Delta T = 01h00m01s
Ecliptic obliquity = 23°36'32, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'21, Lahiri = 5°49'21 Julian Calendar 1 Apr. 705 == Greg. Calendar 5 Apr. 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

MAY 705 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 47 42	13♉ 8'48	20♊31	1♊40	29♈49	7°R13	3♓54	16♉50	25♌17	8♓45	18♋30	25°R42	25♒24	22♌47	5♊ 8	F 1
S 2	14 51 38	14° 6'22	3♋12	3°20	1♉ 3	7♎ 4	4° 3	16°58	25°17	8°46	18°31	25♒34	25°21	22°54	5°13	S 2
S 3	14 55 35	15° 3'55	15°34	4°58	2°16	6°55	4°12	17° 6	25°17	8°47	18°32	25°28	25°17	23° 1	5°17	S 3
M 4	14 59 31	16° 1'26	27°41	6°32	3°29	6°48	4°21	17°13	25°18	8°48	18°32	25°25	25°14	23° 7	5°21	M 4
T 5	15 3 28	16°58'56	9♌36	8° 3	4°43	6°41	4°30	17°21	25°18	8°49	18°33	25°24	25°11	23°14	5°25	T 5
W 6	15 7 24	17°56'24	21°25	9°31	5°56	6°35	4°38	17°29	25°18	8°50	18°34	25°24	25° 8	23°21	5°30	W 6
T 7	15 11 21	18°53'51	3♍14	10°56	7°10	6°30	4°46	17°37	25°19	8°52	18°35	25°24	25° 5	23°27	5°34	T 7
F 8	15 15 17	19°51'16	15° 8	12°18	8°23	6°26	4°55	17°45	25°19	8°53	18°36	25°23	25° 2	23°34	5°38	F 8
S 9	15 19 14	20°48'40	27°11	13°36	9°37	6°22	5° 3	17°53	25°19	8°54	18°37	25°20	24°58	23°40	5°43	S 9
S 10	15 23 11	21°46'03	9♎29	14°51	10°50	6°19	5°11	18° 1	25°20	8°55	18°38	25°14	24°55	23°47	5°47	S 10
M11	15 27 7	22°43'25	22° 4	16° 3	12° 3	6°18	5°19	18° 8	25°21	8°55	18°39	25° 6	24°52	23°54	5°51	M11
T 12	15 31 4	23°40'46	4♏59	17°11	13°17	6°17	5°26	18°16	25°21	8°56	18°41	24°55	24°49	24° 0	5°56	T 12
W13	15 35 0	24°38'06	18°12	18°16	14°30	6°D16	5°34	18°24	25°22	8°57	18°42	24°44	24°46	24° 7	6° 0	W13
T 14	15 38 57	25°35'25	1♐44	19°18	15°44	6°17	5°41	18°32	25°23	8°58	18°43	24°31	24°42	24°14	6° 5	T 14
F 15	15 42 53	26°32'43	15°31	20°15	16°57	6°18	5°49	18°40	25°23	8°59	18°44	24°20	24°39	24°20	6° 9	F 15
S 16	15 46 50	27°30'01	29°30	21° 9	18°11	6°20	5°56	18°47	25°24	9° 0	18°45	24°11	24°36	24°27	6°14	S 16
S 17	15 50 46	28°27'17	13♑35	21°59	19°24	6°23	6° 3	18°55	25°25	9° 0	18°46	24° 4	24°33	24°34	6°18	S 17
M18	15 54 43	29°24'34	27°45	22°46	20°38	6°27	6°10	19° 3	25°26	9° 1	18°47	24° 0	24°30	24°40	6°22	M18
T 19	15 58 40	0♒21'50	11♒55	23°28	21°51	6°31	6°16	19°11	25°27	9° 2	18°49	23°58	24°27	24°47	6°27	T 19
W20	16 2 36	1°19'05	26° 4	24° 6	23° 5	6°37	6°23	19°19	25°28	9° 3	18°50	23°58	24°23	24°54	6°31	W20
T 21	16 6 33	2°16'20	10♓11	24°41	24°18	6°42	6°29	19°26	25°29	9° 3	18°51	23°58	24°20	25° 0	6°36	T 21
F 22	16 10 29	3°13'34	24°15	25°11	25°32	6°49	6°35	19°34	25°30	9° 4	18°52	23°57	24°17	25° 7	6°40	F 22
S 23	16 14 26	4°10'49	8♈14	25°36	26°45	6°56	6°41	19°42	25°31	9° 4	18°54	23°53	24°14	25°13	6°45	S 23
S 24	16 18 22	5° 8'02	22° 8	25°58	27°59	7° 4	6°47	19°49	25°33	9° 5	18°55	23°47	24°11	25°20	6°49	S 24
M25	16 22 19	6° 5'16	5♉53	26°14	29°12	7°13	6°53	19°57	25°34	9° 5	18°56	23°39	24° 8	25°27	6°54	M25
T 26	16 26 15	7° 2'29	19°28	26°27	0♊26	7°23	6°59	20° 5	25°35	9° 6	18°58	23°28	24° 4	25°33	6°58	T 26
W27	16 30 12	7°59'42	2♊50	26°34	1°40	7°33	7° 4	20°12	25°37	9° 6	18°59	23°16	24° 1	25°40	7° 3	W27
T 28	16 34 9	8°56'55	15°56	26°R37	2°53	7°43	7° 9	20°20	25°38	9° 7	19° 1	23° 4	23°58	25°47	7° 7	T 28
F 29	16 38 5	9°54'07	28°45	26°36	4° 7	7°55	7°14	20°28	25°40	9° 7	19° 2	22°54	23°55	25°53	7°12	F 29
S 30	16 42 2	10°51'19	11♋18	26°30	5°20	8° 7	7°19	20°35	25°41	9° 7	19° 3	22°45	23°52	26° 0	7°16	S 30
S 31	16 45 58	11♊48'30	23♋34	26♊20	6♊34	8♎20	7♓24	20♉43	25♌43	9♓ 8	19♋ 5	22♒39	23♒48	26♌ 7	7♊21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n54	27n49	4n34	22n48	2n13	10n23	1s11	2s 9	0n48	11s 9	1s 5	15n11	1s52	13n55	0n46	9s27	1s11	27n24	5n 7	13s 3	13s 9	14n14	17n40	3s42
S 2	16 11	27 34	4 0	23 11	2 16	10 50	1 10	2 8	0 45	11 6	1 5	15 14	1 52	13 54	0 46	9 26	1 11	27 23	5 7	13 5	13 10	14 11	17 41	3 42
S 3	16 28	25 55	3 15	23 32	2 18	11 17	1 8	2 7	0 42	11 3	1 5	15 16	1 52	13 54	0 46	9 26	1 11	27 23	5 7	13 7	13 11	14 8	17 41	3 42
M 4	16 45	23 5	2 21	23 50	2 19	11 44	1 6	2 7	0 40	11 0	1 5	15 18	1 52	13 54	0 46	9 25	1 11	27 23	5 7	13 8	13 12	14 5	17 42	3 42
T 5	17 2	19 18	1 23	24 6	2 19	12 10	1 5	2 6	0 37	10 57	1 6	15 21	1 52	13 54	0 46	9 25	1 11	27 23	5 7	13 9	13 13	14 2	17 43	3 42
W 6	17 18	14 48	0 21	24 19	2 19	12 36	1 3	2 7	0 34	10 54	1 6	15 23	1 52	13 54	0 46	9 25	1 11	27 23	5 7	13 9	13 14	13 59	17 44	3 42
T 7	17 34	9 45	0s41	24 31	2 18	13 2	1 1	2 7	0 31	10 51	1 6	15 25	1 52	13 54	0 46	9 24	1 11	27 23	5 7	13 9	13 15	13 56	17 44	3 42
F 8	17 50	4 19	1 43	24 40	2 16	13 28	0 59	2 8	0 29	10 48	1 6	15 27	1 52	13 54	0 46	9 24	1 11	27 22	5 7	13 9	13 16	13 53	17 45	3 42
S 9	18 5	1s19	2 40	24 48	2 13	13 53	0 57	2 9	0 26	10 46	1 7	15 30	1 52	13 53	0 46	9 24	1 11	27 22	5 7	13 10	13 17	13 50	17 46	3 42
S 10	18 20	7 1	3 31	24 53	2 9	14 18	0 55	2 10	0 23	10 43	1 7	15 32	1 52	13 53	0 46	9 23	1 11	27 22	5 7	13 12	13 18	13 47	17 46	3 42
M11	18 35	12 33	4 13	24 56	2 5	14 43	0 53	2 12	0 21	10 40	1 7	15 34	1 52	13 53	0 46	9 23	1 11	27 22	5 7	13 15	13 19	13 44	17 47	3 43
T 12	18 49	17 42	4 43	24 58	2 0	15 7	0 51	2 14	0 18	10 38	1 7	15 36	1 52	13 53	0 46	9 23	1 12	27 22	5 7	13 18	13 21	13 41	17 48	3 43
W13	19 4	22 9	4 58	24 58	1 54	15 31	0 49	2 16	0 16	10 35	1 8	15 38	1 52	13 52	0 46	9 22	1 12	27 21	5 7	13 22	13 22	13 38	17 48	3 43
T 14	19 18	25 31	4 58	24 57	1 47	15 55	0 47	2 18	0 13	10 33	1 8	15 41	1 52	13 52	0 46	9 22	1 12	27 21	5 7	13 26	13 23	13 35	17 49	3 43
F 15	19 31	27 28	4 40	24 54	1 39	16 18	0 45	2 21	0 11	10 30	1 8	15 43	1 52	13 52	0 46	9 22	1 12	27 21	5 7	13 30	13 24	13 32	17 50	3 43
S 16	19 44	27 42	4 6	24 49	1 31	16 41	0 43	2 24	0 8	10 28	1 9	15 45	1 51	13 52	0 46	9 22	1 12	27 21	5 7	13 33	13 25	13 29	17 50	3 43
S 17	19 57	26 10	3 16	24 43	1 21	17 3	0 41	2 28	0 6	10 25	1 9	15 47	1 51	13 51	0 46	9 21	1 12	27 21	5 7	13 36	13 26	13 26	17 51	3 43
M18	20 10	22 57	2 14	24 36	1 11	17 25	0 39	2 31	0 4	10 23	1 9	15 49	1 51	13 51	0 46	9 21	1 12	27 20	5 7	13 37	13 27	13 23	17 52	3 43
T 19	20 22	18 21	1 3	24 27	1 1	17 46	0 37	2 35	0 1	10 21	1 9	15 51	1 51	13 51	0 46	9 21	1 12	27 20	5 7	13 38	13 28	13 19	17 52	3 43
W20	20 34	12 45	0n11	24 18	0 49	18 7	0 34	2 39	0s 1	10 19	1 10	15 53	1 51	13 50	0 45	9 21	1 12	27 20	5 7	13 38	13 29	13 16	17 53	3 43
T 21	20 46	6 30	1 25	24 7	0 37	18 28	0 32	2 44	0 3	10 17	1 10	15 56	1 51	13 50	0 45	9 21	1 12	27 20	5 7	13 38	13 30	13 13	17 54	3 43
F 22	20 57	0n 2	2 33	23 56	0 24	18 48	0 30	2 48	0 5	10 14	1 10	15 58	1 51	13 49	0 45	9 20	1 12	27 20	5 7	13 38	13 31	13 10	17 54	3 43
S 23	21 8	6 31	3 31	23 43	0 11	19 7	0 28	2 53	0 8	10 12	1 10	16 0	1 51	13 49	0 45	9 20	1 12	27 19	5 7	13 39	13 32	13 7	17 55	3 44
S 24	21 18	12 39	4 17	23 30	0s 3	19 26	0 25	2 58	0 10	10 11	1 11	16 2	1 51	13 48	0 45	9 20	1 12	27 19	5 7	13 41	13 33	13 4	17 56	3 44
M25	21 29	18 5	4 47	23 16	0 18	19 45	0 23	3 4	0 12	10 9	1 11	16 4	1 51	13 48	0 45	9 20	1 12	27 19	5 6	13 44	13 34	13 1	17 56	3 44
T 26	21 38	22 32	5 0	23 1	0 33	20 3	0 21	3 10	0 14	10 7	1 11	16 6	1 51	13 47	0 45	9 20	1 12	27 19	5 6	13 48	13 35	12 58	17 57	3 44
W27	21 48	25 44	4 57	22 45	0 48	20 21	0 18	3 15	0 16	10 5	1 12	16 8	1 51	13 47	0 45	9 20	1 12	27 18	5 6	13 51	13 37	12 55	17 58	3 44
T 28	21 57	27 28	4 38	22 30	1 4	20 37	0 16	3 22	0 18	10 3	1 12	16 10	1 51	13 46	0 45	9 20	1 12	27 18	5 6	13 55	13 38	12 52	17 58	3 44
F 29	22 6	27 41	4 5	22 13	1 21	20 54	0 13	3 28	0 20	10 2	1 12	16 12	1 51	13 46	0 45	9 19	1 12	27 18	5 6	13 59	13 39	12 49	17 59	3 44
S 30	22 14	26 27	3 21	21 57	1 37	21 10	0 11	3 35	0 22	10 0	1 13	16 14	1 51	13 45	0 45	9 19	1 12	27 18	5 6	14 2	13 40	12 46	17 59	3 44
S 31	22n22	23n58	2n28	21n40	1s53	21n25	0s 9	3s41	0s24	9s59	1s13	16n16	1s51	13n45	0n45	9s19	1s12	27n18	5n 6	14s 4	13s41	12n43	18n 0	3s45

Julian Day Number = 1978679.5, Delta T = 01h00m00s
Ecliptic obliquity = 23°36'31, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'25, Lahiri = 5°49'26 Julian Calendar 1 May 705 == Greg. Calendar 5 May 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

JUNE 705 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 49 55	12♊45'41	5♌37	26°R 5	7♊48	8♎33	7♓29	20♉50	25♌44	9♓ 8	19♋ 6	22°R36	23♒45	26♌13	7♊25	M 1
T 2	16 53 51	13°42'51	17°31	25♊47	9° 1	8°47	7°33	20°58	25°46	9° 8	19° 8	22°D34	23°42	26°20	7°30	T 2
W 3	16 57 48	14°40'01	29°20	25°25	10°15	9° 2	7°37	21° 5	25°48	9° 8	19° 9	22♒35	23°39	26°27	7°34	W 3
T 4	17 1 45	15°37'10	11♍ 9	24°59	11°28	9°17	7°41	21°13	25°50	9° 9	19°11	22°R35	23°36	26°33	7°39	T 4
F 5	17 5 41	16°34'18	23° 3	24°30	12°42	9°33	7°45	21°20	25°51	9° 9	19°12	22°35	23°33	26°40	7°43	F 5
S 6	17 9 38	17°31'27	5♎ 7	23°59	13°56	9°49	7°49	21°27	25°53	9° 9	19°14	22°33	23°29	26°47	7°47	S 6
S 7	17 13 34	18°28'34	17°28	23°25	15° 9	10° 6	7°52	21°35	25°55	9° 9	19°15	22°30	23°26	26°53	7°52	S 7
M 8	17 17 31	19°25'42	0♏ 8	22°50	16°23	10°23	7°55	21°42	25°57	9° 9	19°17	22°24	23°23	27° 0	7°56	M 8
T 9	17 21 27	20°22'49	13°11	22°14	17°37	10°41	7°59	21°49	25°59	9°R 9	19°18	22°16	23°20	27° 6	8° 1	T 9
W10	17 25 24	21°19'57	26°37	21°37	18°50	11° 0	8° 1	21°56	26° 1	9° 9	19°20	22° 7	23°17	27°13	8° 5	W10
T 11	17 29 20	22°17'04	10♐26	21° 1	20° 4	11°19	8° 4	22° 3	26° 3	9° 9	19°21	21°57	23°14	27°20	8°10	T 11
F 12	17 33 17	23°14'11	24°34	20°25	21°18	11°38	8° 7	22°11	26° 6	9° 9	19°23	21°48	23°10	27°26	8°14	F 12
S 13	17 37 14	24°11'18	8♑57	19°51	22°31	11°59	8° 9	22°18	26° 8	9° 9	19°25	21°41	23° 7	27°33	8°18	S 13
S 14	17 41 10	25° 8'26	23°28	19°19	23°45	12°19	8°11	22°25	26°10	9° 8	19°26	21°36	23° 4	27°40	8°23	S 14
M15	17 45 7	26° 5'34	8♒ 1	18°50	24°59	12°40	8°13	22°32	26°12	9° 8	19°28	21°33	23° 1	27°46	8°27	M15
T 16	17 49 3	27° 2'42	22°31	18°23	26°13	13° 1	8°15	22°39	26°15	9° 8	19°29	21°D32	22°58	27°53	8°31	T 16
W17	17 53 0	27°59'50	6♓53	18° 1	27°26	13°23	8°17	22°46	26°17	9° 8	19°31	21°33	22°54	28° 0	8°36	W17
T 18	17 56 56	28°56'59	21° 6	17°42	28°40	13°46	8°18	22°53	26°19	9° 8	19°33	21°34	22°51	28° 6	8°40	T 18
F 19	18 0 53	29°54'09	5♈ 7	17°28	29°54	14° 8	8°19	22°59	26°22	9° 7	19°34	21°R34	22°48	28°13	8°44	F 19
S 20	18 4 49	0♋51'19	18°56	17°19	1♋ 8	14°32	8°21	23° 6	26°24	9° 7	19°36	21°32	22°45	28°20	8°49	S 20
S 21	18 8 46	1°48'30	2♉33	17°D15	2°22	14°55	8°21	23°13	26°27	9° 6	19°38	21°29	22°42	28°26	8°53	S 21
M22	18 12 43	2°45'42	15°58	17°15	3°35	15°19	8°22	23°20	26°29	9° 6	19°39	21°23	22°39	28°33	8°57	M22
T 23	18 16 39	3°42'54	29°10	17°22	4°49	15°44	8°22	23°26	26°32	9° 6	19°41	21°16	22°35	28°40	9° 1	T 23
W24	18 20 36	4°40'07	12♊ 8	17°33	6° 3	16° 9	8°23	23°33	26°34	9° 5	19°43	21° 8	22°32	28°46	9° 6	W24
T 25	18 24 32	5°37'21	24°54	17°50	7°17	16°34	8°R23	23°40	26°37	9° 5	19°44	21° 0	22°29	28°53	9°10	T 25
F 26	18 28 29	6°34'35	7♋26	18°13	8°31	17° 0	8°23	23°46	26°40	9° 4	19°46	20°53	22°26	28°59	9°14	F 26
S 27	18 32 25	7°31'49	19°45	18°41	9°45	17°26	8°22	23°53	26°43	9° 4	19°48	20°47	22°23	29° 6	9°18	S 27
S 28	18 36 22	8°29'05	1♌52	19°15	10°59	17°52	8°22	23°59	26°45	9° 3	19°49	20°44	22°20	29°13	9°22	S 28
M29	18 40 18	9°26'20	13°49	19°55	12°12	18°19	8°21	24° 5	26°48	9° 2	19°51	20°42	22°16	29°19	9°26	M29
T 30	18 44 15	10♋23'36	25♌40	20♊40	13♋26	18♎46	8♓20	24♉12	26♌51	9♓ 2	19♋53	20°D42	22♒13	29♌26	9♊30	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n29	20n26	1n29	21n23	2s10	21n40	0s 6	3s48	0s26	9s57	1s13	16n18	1s51	13n44	0n45	9s19	1s12	27n17	5n 6	14s 5	13s42	12n39	18n 1	3s45
T 2	22 36	16 7	0 27	21 6	2 26	21 54	0 4	3 56	0 28	9 56	1 13	16 20	1 51	13 43	0 45	9 19	1 13	27 17	5 6	14 5	13 43	12 36	18 1	3 45
W 3	22 43	11 14	0s36	20 50	2 42	22 7	0 2	4 3	0 29	9 55	1 14	16 22	1 51	13 43	0 45	9 19	1 13	27 17	5 6	14 5	13 44	12 33	18 2	3 45
T 4	22 50	5 56	1 37	20 33	2 57	22 20	0n 1	4 11	0 31	9 53	1 14	16 24	1 51	13 42	0 45	9 19	1 13	27 17	5 6	14 5	13 45	12 30	18 2	3 45
F 5	22 56	0 25	2 35	20 18	3 12	22 32	0 3	4 19	0 33	9 52	1 14	16 26	1 51	13 42	0 45	9 19	1 13	27 16	5 6	14 5	13 46	12 27	18 3	3 45
S 6	23 1	5s12	3 27	20 2	3 26	22 43	0 6	4 27	0 35	9 51	1 15	16 28	1 51	13 41	0 45	9 19	1 13	27 16	5 6	14 6	13 47	12 24	18 3	3 45
S 7	23 6	10 45	4 10	19 47	3 39	22 54	0 8	4 35	0 36	9 50	1 15	16 29	1 52	13 40	0 45	9 19	1 13	27 16	5 6	14 7	13 48	12 21	18 4	3 46
M 8	23 11	15 59	4 42	19 34	3 52	23 5	0 10	4 44	0 38	9 49	1 15	16 31	1 52	13 39	0 45	9 19	1 13	27 16	5 6	14 9	13 49	12 18	18 4	3 46
T 9	23 15	20 40	5 1	19 21	4 3	23 14	0 13	4 52	0 40	9 48	1 16	16 33	1 52	13 39	0 45	9 19	1 13	27 16	5 6	14 11	13 50	12 15	18 5	3 46
W10	23 19	24 27	5 3	19 9	4 12	23 23	0 15	5 1	0 41	9 48	1 16	16 35	1 52	13 38	0 45	9 19	1 13	27 15	5 6	14 14	13 51	12 11	18 6	3 46
T 11	23 23	26 56	4 49	18 58	4 20	23 31	0 17	5 10	0 43	9 47	1 16	16 37	1 52	13 37	0 45	9 19	1 13	27 15	5 6	14 17	13 52	12 8	18 6	3 46
F 12	23 26	27 46	4 17	18 49	4 27	23 39	0 20	5 19	0 44	9 46	1 17	16 39	1 52	13 37	0 45	9 19	1 13	27 15	5 6	14 20	13 53	12 5	18 7	3 46
S 13	23 29	26 45	3 28	18 41	4 32	23 46	0 22	5 28	0 46	9 45	1 17	16 40	1 52	13 36	0 45	9 19	1 13	27 15	5 6	14 23	13 54	12 2	18 7	3 47
S 14	23 31	23 56	2 25	18 35	4 36	23 52	0 24	5 38	0 48	9 45	1 17	16 42	1 52	13 35	0 45	9 20	1 13	27 14	5 6	14 24	13 55	11 59	18 8	3 47
M15	23 33	19 33	1 12	18 31	4 38	23 57	0 26	5 47	0 49	9 44	1 18	16 44	1 52	13 34	0 45	9 20	1 13	27 14	5 6	14 25	13 57	11 56	18 8	3 47
T 16	23 35	14 1	0n 5	18 28	4 39	24 2	0 29	5 57	0 50	9 44	1 18	16 46	1 52	13 33	0 45	9 20	1 13	27 14	5 6	14 25	13 58	11 53	18 9	3 47
W17	23 36	7 47	1 22	18 27	4 38	24 6	0 31	6 7	0 52	9 44	1 18	16 47	1 52	13 32	0 44	9 20	1 13	27 14	5 6	14 25	13 59	11 50	18 9	3 47
T 18	23 36	1 14	2 32	18 28	4 36	24 9	0 33	6 17	0 53	9 44	1 18	16 49	1 52	13 32	0 44	9 20	1 13	27 14	5 6	14 25	14 0	11 46	18 9	3 48
F 19	23 37	5n17	3 32	18 30	4 32	24 12	0 35	6 27	0 55	9 43	1 19	16 51	1 52	13 31	0 44	9 20	1 13	27 13	5 6	14 25	14 1	11 43	18 10	3 48
S 20	23 36	11 28	4 20	18 34	4 27	24 14	0 37	6 38	0 56	9 43	1 19	16 52	1 52	13 30	0 44	9 20	1 13	27 13	5 7	14 25	14 2	11 40	18 10	3 48
S 21	23 36	16 59	4 51	18 40	4 20	24 15	0 40	6 48	0 57	9 43	1 19	16 54	1 52	13 29	0 44	9 21	1 13	27 13	5 7	14 27	14 3	11 37	18 11	3 48
M22	23 35	21 36	5 6	18 48	4 13	24 15	0 42	6 59	0 59	9 43	1 20	16 56	1 52	13 28	0 44	9 21	1 14	27 13	5 7	14 28	14 4	11 34	18 11	3 48
T 23	23 33	25 4	5 5	18 57	4 4	24 15	0 44	7 9	1 0	9 43	1 20	16 57	1 52	13 27	0 44	9 21	1 14	27 12	5 7	14 31	14 5	11 31	18 12	3 49
W24	23 32	27 9	4 47	19 8	3 54	24 14	0 46	7 20	1 1	9 44	1 20	16 59	1 52	13 26	0 44	9 21	1 14	27 12	5 7	14 33	14 6	11 28	18 12	3 49
T 25	23 29	27 46	4 16	19 20	3 44	24 12	0 48	7 31	1 2	9 44	1 21	17 0	1 52	13 25	0 44	9 22	1 14	27 12	5 7	14 36	14 7	11 24	18 12	3 49
F 26	23 27	26 56	3 33	19 33	3 33	24 10	0 50	7 42	1 4	9 44	1 21	17 2	1 52	13 24	0 44	9 22	1 14	27 12	5 7	14 38	14 8	11 21	18 13	3 49
S 27	23 24	24 47	2 40	19 47	3 21	24 6	0 52	7 53	1 5	9 45	1 21	17 3	1 53	13 23	0 44	9 22	1 14	27 12	5 7	14 40	14 9	11 18	18 13	3 49
S 28	23 20	21 31	1 40	20 3	3 8	24 2	0 53	8 4	1 6	9 45	1 22	17 5	1 53	13 22	0 44	9 22	1 14	27 11	5 7	14 41	14 10	11 15	18 14	3 50
M29	23 16	17 23	0 37	20 19	2 55	23 58	0 55	8 16	1 7	9 46	1 22	17 6	1 53	13 21	0 44	9 23	1 14	27 11	5 7	14 42	14 11	11 12	18 14	3 50
T 30	23n12	12n38	0s27	20n35	2s42	23n52	0n57	8s27	1s 8	9s46	1s22	17n 8	1s53	13n20	0n44	9s23	1s14	27n11	5n 7	14s42	14s12	11n 9	18n14	3s50

Julian Day Number = 1978710.5, Delta T = 00h59m59s
Ecliptic obliquity = 23°36'30, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'29, Lahiri = 5°49'30 Julian Calendar 1 June 705 == Greg. Calendar 5 June 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

JULY 705 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 48 12	11♋20'53	7♍27	21♊31	14♋40	19♎13	8°R19	24♉18	26♌54	9°R 1	19♋55	20♒43	22♒10	29♌33	9♊34	W 1
T 2	18 52 8	12°18'10	19°15	22°27	15°54	19°41	8♓18	24°24	26°57	9♓ 0	19°56	20°44	22° 7	29°39	9°38	T 2
F 3	18 56 5	13°15'27	1♎ 9	23°28	17° 8	20° 9	8°16	24°30	27° 0	9° 0	19°58	20°46	22° 4	29°46	9°42	F 3
S 4	19 0 1	14°12'45	13°13	24°34	18°22	20°38	8°15	24°36	27° 3	8°59	20° 0	20°R46	22° 0	29°53	9°46	S 4
S 5	19 3 58	15°10'04	25°32	25°46	19°36	21° 7	8°13	24°42	27° 6	8°58	20° 2	20°46	21°57	29°59	9°50	S 5
M 6	19 7 54	16° 7'23	8♏12	27° 3	20°50	21°36	8°11	24°48	27° 9	8°57	20° 3	20°44	21°54	0♍ 6	9°54	M 6
T 7	19 11 51	17° 4'43	21°15	28°24	22° 4	22° 6	8° 8	24°54	27°12	8°56	20° 5	20°41	21°51	0°13	9°58	T 7
W 8	19 15 47	18° 2'03	4♐45	29°51	23°18	22°35	8° 6	25° 0	27°15	8°56	20° 7	20°36	21°48	0°19	10° 2	W 8
T 9	19 19 44	18°59'24	18°40	1♋22	24°32	23° 5	8° 3	25° 5	27°18	8°55	20° 8	20°32	21°45	0°26	10° 5	T 9
F 10	19 23 41	19°56'46	3♑ 0	2°57	25°46	23°36	8° 0	25°11	27°21	8°54	20°10	20°27	21°41	0°33	10° 9	F 10
S 11	19 27 37	20°54'09	17°39	4°36	27° 0	24° 7	7°57	25°16	27°24	8°53	20°12	20°24	21°38	0°39	10°13	S 11
S 12	19 31 34	21°51'33	2♒30	6°19	28°14	24°38	7°54	25°22	27°28	8°52	20°14	20°21	21°35	0°46	10°16	S 12
M13	19 35 30	22°48'58	17°26	8° 6	29°28	25° 9	7°51	25°27	27°31	8°51	20°15	20°D20	21°32	0°52	10°20	M13
T 14	19 39 27	23°46'24	2♓19	9°56	0♌42	25°40	7°47	25°33	27°34	8°50	20°17	20°21	21°29	0°59	10°24	T 14
W15	19 43 23	24°43'52	17° 1	11°48	1°56	26°12	7°43	25°38	27°37	8°49	20°19	20°22	21°26	1° 6	10°27	W15
T 16	19 47 20	25°41'20	1♈28	13°44	3°10	26°44	7°39	25°43	27°41	8°48	20°21	20°23	21°22	1°12	10°31	T 16
F 17	19 51 17	26°38'51	15°37	15°41	4°24	27°16	7°35	25°48	27°44	8°46	20°22	20°24	21°19	1°19	10°34	F 17
S 18	19 55 13	27°36'22	29°27	17°40	5°39	27°49	7°31	25°54	27°47	8°45	20°24	20°R25	21°16	1°26	10°38	S 18
S 19	19 59 10	28°33'56	12♉57	19°40	6°53	28°22	7°27	25°59	27°51	8°44	20°26	20°24	21°13	1°32	10°41	S 19
M20	20 3 6	29°31'30	26° 9	21°42	8° 7	28°55	7°22	26° 3	27°54	8°43	20°28	20°22	21°10	1°39	10°45	M20
T 21	20 7 3	0♌29'07	9♊ 4	23°44	9°21	29°28	7°17	26° 8	27°58	8°42	20°29	20°20	21° 6	1°46	10°48	T 21
W22	20 10 59	1°26'45	21°45	25°47	10°35	0♏ 2	7°12	26°13	28° 1	8°41	20°31	20°17	21° 3	1°52	10°51	W22
T 23	20 14 56	2°24'24	4♋12	27°49	11°49	0°36	7° 7	26°18	28° 5	8°39	20°33	20°14	21° 0	1°59	10°54	T 23
F 24	20 18 52	3°22'05	16°27	29°52	13° 3	1°10	7° 2	26°22	28° 8	8°38	20°34	20°12	20°57	2° 6	10°58	F 24
S 25	20 22 49	4°19'47	28°33	1♌54	14°18	1°44	6°56	26°27	28°12	8°37	20°36	20°10	20°54	2°12	11° 1	S 25
S 26	20 26 46	5°17'31	10♌31	3°55	15°32	2°19	6°51	26°31	28°15	8°35	20°38	20° 9	20°51	2°19	11° 4	S 26
M27	20 30 42	6°15'16	22°22	5°56	16°46	2°53	6°45	26°36	28°19	8°34	20°40	20°D 9	20°47	2°26	11° 7	M27
T 28	20 34 39	7°13'03	4♍10	7°56	18° 0	3°28	6°39	26°40	28°22	8°33	20°41	20° 9	20°44	2°32	11°10	T 28
W29	20 38 35	8°10'50	15°56	9°55	19°14	4° 4	6°33	26°44	28°26	8°31	20°43	20°10	20°41	2°39	11°13	W29
T 30	20 42 32	9° 8'39	27°45	11°53	20°28	4°39	6°27	26°48	28°29	8°30	20°45	20°11	20°38	2°45	11°16	T 30
F 31	20 46 28	10♌ 6'30	9♎40	13♌49	21♌43	5♏15	6♓21	26♉52	28♌33	8♓29	20♋46	20♒12	20♒35	2♍52	11♊19	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 7	7n26	1s30	20n53	2s28	23n46	0n59	8s39	1s 9	9s47	1s23	17n 9	1s53	13n19	0n44	9s23	1s14	27n11	5n 7	14s41	14s13	11n 6	18n15	3s50
T 2	23 2	2 0	2 29	21 10	2 14	23 39	1 1	8 50	1 11	9 48	1 23	17 11	1 53	13 18	0 44	9 23	1 14	27 10	5 7	14 41	14 14	11 2	18 15	3 51
F 3	22 57	3s33	3 23	21 28	1 59	23 32	1 2	9 2	1 12	9 49	1 23	17 12	1 53	13 17	0 44	9 24	1 14	27 10	5 7	14 40	14 15	10 59	18 15	3 51
S 4	22 51	9 3	4 8	21 45	1 45	23 24	1 4	9 14	1 13	9 50	1 24	17 13	1 53	13 16	0 44	9 24	1 14	27 10	5 7	14 40	14 16	10 56	18 16	3 51
S 5	22 44	14 19	4 43	22 2	1 30	23 15	1 5	9 26	1 14	9 51	1 24	17 15	1 53	13 15	0 44	9 24	1 14	27 10	5 7	14 40	14 17	10 53	18 16	3 51
M 6	22 38	19 8	5 5	22 18	1 16	23 5	1 7	9 38	1 15	9 52	1 24	17 16	1 53	13 14	0 44	9 25	1 14	27 10	5 7	14 41	14 18	10 50	18 16	3 52
T 7	22 31	23 13	5 12	22 34	1 2	22 55	1 8	9 50	1 16	9 53	1 24	17 18	1 53	13 13	0 44	9 25	1 14	27 9	5 7	14 42	14 19	10 47	18 17	3 52
W 8	22 23	26 12	5 3	22 49	0 48	22 44	1 10	10 2	1 17	9 54	1 25	17 19	1 54	13 12	0 44	9 26	1 14	27 9	5 7	14 43	14 20	10 43	18 17	3 52
T 9	22 15	27 42	4 36	23 2	0 34	22 32	1 11	10 14	1 18	9 55	1 25	17 20	1 54	13 11	0 44	9 26	1 14	27 9	5 7	14 45	14 21	10 40	18 17	3 53
F 10	22 7	27 25	3 51	23 14	0 20	22 20	1 13	10 26	1 19	9 57	1 25	17 21	1 54	13 10	0 44	9 26	1 14	27 9	5 7	14 46	14 22	10 37	18 17	3 53
S 11	21 58	25 14	2 50	23 24	0 7	22 7	1 14	10 39	1 19	9 58	1 26	17 23	1 54	13 9	0 44	9 27	1 14	27 9	5 8	14 48	14 24	10 34	18 18	3 53
S 12	21 49	21 18	1 36	23 32	0n 5	21 53	1 15	10 51	1 20	10 0	1 26	17 24	1 54	13 7	0 44	9 27	1 14	27 8	5 8	14 48	14 25	10 31	18 18	3 53
M13	21 40	15 58	0 16	23 39	0 17	21 39	1 16	11 3	1 21	10 1	1 26	17 25	1 54	13 6	0 44	9 28	1 14	27 8	5 8	14 49	14 26	10 27	18 18	3 54
T 14	21 30	9 43	1n 5	23 42	0 28	21 24	1 17	11 16	1 22	10 3	1 27	17 26	1 54	13 5	0 44	9 28	1 14	27 8	5 8	14 48	14 27	10 24	18 18	3 54
W15	21 20	2 59	2 22	23 44	0 39	21 8	1 18	11 28	1 23	10 4	1 27	17 27	1 54	13 4	0 44	9 28	1 15	27 8	5 8	14 48	14 28	10 21	18 19	3 54
T 16	21 9	3n45	3 27	23 43	0 49	20 52	1 19	11 41	1 24	10 6	1 27	17 28	1 54	13 3	0 44	9 29	1 15	27 8	5 8	14 48	14 29	10 18	18 19	3 55
F 17	20 58	10 10	4 19	23 39	0 58	20 36	1 20	11 53	1 25	10 8	1 27	17 30	1 54	13 2	0 44	9 29	1 15	27 7	5 8	14 47	14 30	10 15	18 19	3 55
S 18	20 47	15 56	4 54	23 32	1 7	20 18	1 21	12 6	1 25	10 10	1 28	17 31	1 55	13 0	0 44	9 30	1 15	27 7	5 8	14 47	14 31	10 12	18 19	3 55
S 19	20 36	20 47	5 13	23 23	1 14	20 0	1 22	12 18	1 26	10 12	1 28	17 32	1 55	12 59	0 44	9 30	1 15	27 7	5 8	14 47	14 32	10 8	18 19	3 55
M20	20 24	24 30	5 14	23 11	1 21	19 42	1 23	12 31	1 27	10 14	1 28	17 33	1 55	12 58	0 44	9 31	1 15	27 7	5 8	14 48	14 33	10 5	18 19	3 56
T 21	20 11	26 53	4 59	22 56	1 27	19 23	1 23	12 44	1 28	10 16	1 29	17 34	1 55	12 57	0 44	9 31	1 15	27 7	5 8	14 49	14 34	10 2	18 20	3 56
W22	19 59	27 50	4 29	22 39	1 32	19 3	1 24	12 56	1 28	10 18	1 29	17 35	1 55	12 56	0 44	9 32	1 15	27 6	5 8	14 50	14 35	9 59	18 20	3 56
T 23	19 46	27 20	3 47	22 19	1 37	18 43	1 25	13 9	1 29	10 20	1 29	17 36	1 55	12 54	0 44	9 32	1 15	27 6	5 9	14 50	14 36	9 56	18 20	3 57
F 24	19 32	25 30	2 56	21 57	1 40	18 22	1 25	13 22	1 30	10 22	1 29	17 37	1 55	12 53	0 44	9 33	1 15	27 6	5 9	14 51	14 37	9 52	18 20	3 57
S 25	19 19	22 30	1 57	21 33	1 43	18 1	1 26	13 34	1 30	10 25	1 30	17 38	1 55	12 52	0 44	9 33	1 15	27 6	5 9	14 52	14 38	9 49	18 20	3 57
S 26	19 5	18 35	0 53	21 6	1 45	17 40	1 26	13 47	1 31	10 27	1 30	17 38	1 56	12 51	0 44	9 34	1 15	27 6	5 9	14 52	14 39	9 46	18 20	3 58
M27	18 50	13 58	0s12	20 38	1 46	17 17	1 26	14 0	1 32	10 29	1 30	17 39	1 56	12 49	0 44	9 34	1 15	27 6	5 9	14 52	14 40	9 43	18 20	3 58
T 28	18 36	8 51	1 17	20 8	1 47	16 55	1 26	14 12	1 32	10 32	1 30	17 40	1 56	12 48	0 44	9 35	1 15	27 5	5 9	14 52	14 41	9 40	18 20	3 58
W29	18 21	3 28	2 18	19 36	1 46	16 32	1 27	14 25	1 33	10 34	1 31	17 41	1 56	12 47	0 44	9 35	1 15	27 5	5 9	14 52	14 42	9 36	18 20	3 59
T 30	18 6	2s 4	3 14	19 2	1 46	16 8	1 27	14 38	1 34	10 37	1 31	17 42	1 56	12 46	0 44	9 36	1 15	27 5	5 9	14 51	14 43	9 33	18 20	3 59
F 31	17n50	7s33	4s 2	18n28	1n44	15n44	1n27	14s50	1s34	10s39	1s31	17n43	1s56	12n44	0n44	9s36	1s15	27n 5	5n 9	14s51	14s44	9n30	18n20	3s59

Julian Day Number = 1978740.5, Delta T = 59m58s
Ecliptic obliquity = 23°36'30, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'33, Lahiri = 5°49'34 Julian Calendar 1 July 705 == Greg. Calendar 5 July 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

AUGUST 705 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 50 25	11♌ 4'21	21♎44	15♌45	22♌57	5♏50	6°R14	26♉56	28♌37	8°R27	20♋48	20♒13	20♒32	2♍59	11♊22	S 1
S 2	20 54 21	12° 2'14	4♏ 2	17°39	24°11	6°27	6♓ 8	27° 0	28°40	8♓26	20°50	20°14	20°28	3° 5	11°24	S 2
M 3	20 58 18	13° 0'09	16°38	19°32	25°25	7° 3	6° 1	27° 4	28°44	8°24	20°51	20°R14	20°25	3°12	11°27	M 3
T 4	21 2 15	13°58'05	29°37	21°23	26°39	7°39	5°54	27° 7	28°48	8°23	20°53	20°14	20°22	3°19	11°30	T 4
W 5	21 6 11	14°56'02	13♐ 1	23°14	27°54	8°16	5°47	27°11	28°51	8°21	20°54	20°13	20°19	3°25	11°32	W 5
T 6	21 10 8	15°54'01	26°52	25° 3	29° 8	8°53	5°40	27°14	28°55	8°20	20°56	20°13	20°16	3°32	11°35	T 6
F 7	21 14 4	16°52'01	11♑10	26°51	0♍22	9°30	5°33	27°18	28°59	8°18	20°58	20°12	20°12	3°39	11°37	F 7
S 8	21 18 1	17°50'02	25°52	28°37	1°36	10° 7	5°26	27°21	29° 2	8°17	20°59	20°12	20° 9	3°45	11°40	S 8
S 9	21 21 57	18°48'06	10♒51	0♍22	2°51	10°44	5°19	27°24	29° 6	8°15	21° 1	20°12	20° 6	3°52	11°42	S 9
M10	21 25 54	19°46'10	26° 0	2° 6	4° 5	11°22	5°11	27°27	29°10	8°14	21° 2	20°12	20° 3	3°59	11°45	M10
T 11	21 29 50	20°44'17	11♓10	3°49	5°19	12° 0	5° 4	27°30	29°14	8°12	21° 4	20°12	20° 0	4° 5	11°47	T 11
W12	21 33 47	21°42'25	26°12	5°30	6°33	12°37	4°56	27°33	29°17	8°11	21° 6	20°12	19°57	4°12	11°49	W12
T 13	21 37 44	22°40'35	10♈57	7°11	7°47	13°15	4°49	27°36	29°21	8° 9	21° 7	20°11	19°53	4°19	11°51	T 13
F 14	21 41 40	23°38'48	25°20	8°50	9° 2	13°54	4°41	27°38	29°25	8° 8	21° 9	20°11	19°50	4°25	11°53	F 14
S 15	21 45 37	24°37'02	9♉19	10°28	10°16	14°32	4°33	27°41	29°29	8° 6	21°10	20°11	19°47	4°32	11°56	S 15
S 16	21 49 33	25°35'19	22°52	12° 4	11°30	15°11	4°26	27°43	29°32	8° 4	21°12	20°D11	19°44	4°39	11°58	S 16
M17	21 53 30	26°33'38	6♊ 0	13°40	12°44	15°49	4°18	27°46	29°36	8° 3	21°13	20°11	19°41	4°45	11°59	M17
T 18	21 57 26	27°31'59	18°48	15°14	13°59	16°28	4°10	27°48	29°40	8° 1	21°15	20°11	19°38	4°52	12° 1	T 18
W19	22 1 23	28°30'23	1♋17	16°48	15°13	17° 7	4° 2	27°50	29°44	8° 0	21°16	20°12	19°34	4°58	12° 3	W19
T 20	22 5 19	29°28'48	13°32	18°20	16°27	17°46	3°54	27°52	29°47	7°58	21°17	20°13	19°31	5° 5	12° 5	T 20
F 21	22 9 16	0♍27'16	25°35	19°51	17°41	18°26	3°46	27°54	29°51	7°56	21°19	20°14	19°28	5°12	12° 7	F 21
S 22	22 13 13	1°25'45	7♌31	21°21	18°55	19° 5	3°38	27°56	29°55	7°55	21°20	20°14	19°25	5°18	12° 8	S 22
S 23	22 17 9	2°24'17	19°21	22°50	20°10	19°45	3°30	27°58	29°59	7°53	21°22	20°R15	19°22	5°25	12°10	S 23
M24	22 21 6	3°22'50	1♍ 9	24°17	21°24	20°25	3°22	27°59	0♍ 3	7°51	21°23	20°15	19°18	5°32	12°11	M24
T 25	22 25 2	4°21'26	12°56	25°44	22°38	21° 5	3°14	28° 1	0° 6	7°50	21°24	20°14	19°15	5°38	12°13	T 25
W26	22 28 59	5°20'04	24°45	27° 9	23°52	21°45	3° 6	28° 2	0°10	7°48	21°26	20°12	19°12	5°45	12°14	W26
T 27	22 32 55	6°18'43	6♎39	28°33	25° 7	22°25	2°58	28° 3	0°14	7°46	21°27	20° 9	19° 9	5°52	12°16	T 27
F 28	22 36 52	7°17'24	18°38	29°56	26°21	23° 5	2°50	28° 5	0°18	7°45	21°28	20° 7	19° 6	5°58	12°17	F 28
S 29	22 40 48	8°16'07	0♏47	1♎18	27°35	23°46	2°42	28° 6	0°21	7°43	21°30	20° 4	19° 3	6° 5	12°18	S 29
S 30	22 44 45	9°14'52	13° 8	2°38	28°49	24°27	2°34	28° 7	0°25	7°41	21°31	20° 2	18°59	6°12	12°19	S 30
M31	22 48 41	10♍13'39	25♏44	3♎57	0♎ 4	25♏ 7	2♓26	28♉ 7	0♍29	7♓40	21♋32	20♒ 0	18♒56	6♍18	12♊20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n34	12s50	4s39	17n52	1n43	15n20	1n27	15s 3	1s35	10s42	1s31	17n43	1s56	12n43	0n44	9s37	1s15	27n 5	5n10	14s51	14s45	9n27	18n21	4s 0
S 2	17 18	17 44	5 5	17 14	1 40	14 55	1 27	15 16	1 35	10 45	1 31	17 44	1 57	12 42	0 43	9 38	1 15	27 5	5 10	14 51	14 46	9 24	18 21	4 0
M 3	17 2	21 59	5 17	16 36	1 37	14 30	1 26	15 28	1 36	10 47	1 32	17 45	1 57	12 41	0 43	9 38	1 15	27 5	5 10	14 51	14 47	9 20	18 21	4 0
T 4	16 45	25 18	5 13	15 57	1 34	14 4	1 26	15 41	1 36	10 50	1 32	17 46	1 57	12 39	0 43	9 39	1 15	27 4	5 10	14 51	14 48	9 17	18 21	4 1
W 5	16 28	27 22	4 53	15 17	1 30	13 38	1 26	15 53	1 37	10 53	1 32	17 46	1 57	12 38	0 43	9 39	1 15	27 4	5 10	14 51	14 49	9 14	18 21	4 1
T 6	16 11	27 49	4 15	14 37	1 26	13 12	1 26	16 6	1 37	10 55	1 32	17 47	1 57	12 37	0 43	9 40	1 15	27 4	5 10	14 51	14 50	9 11	18 21	4 2
F 7	15 53	26 28	3 20	13 56	1 21	12 45	1 25	16 18	1 38	10 58	1 32	17 47	1 57	12 35	0 43	9 40	1 15	27 4	5 10	14 51	14 51	9 7	18 21	4 2
S 8	15 36	23 16	2 11	13 14	1 17	12 18	1 25	16 30	1 38	11 1	1 33	17 48	1 57	12 34	0 43	9 41	1 15	27 4	5 10	14 51	14 52	9 4	18 20	4 2
S 9	15 18	18 28	0 52	12 32	1 11	11 50	1 24	16 43	1 39	11 4	1 33	17 49	1 58	12 33	0 43	9 42	1 15	27 4	5 11	14 51	14 53	9 1	18 20	4 3
M10	14 59	12 26	0n32	11 49	1 6	11 23	1 23	16 55	1 39	11 7	1 33	17 49	1 58	12 31	0 43	9 42	1 15	27 4	5 11	14 51	14 54	8 58	18 20	4 3
T 11	14 41	5 40	1 54	11 6	1 0	10 55	1 23	17 7	1 40	11 10	1 33	17 50	1 58	12 30	0 43	9 43	1 15	27 4	5 11	14 51	14 55	8 55	18 20	4 3
W12	14 22	1n20	3 7	10 23	0 54	10 26	1 22	17 19	1 40	11 13	1 33	17 50	1 58	12 29	0 43	9 44	1 15	27 3	5 11	14 51	14 56	8 51	18 20	4 4
T 13	14 3	8 8	4 6	9 40	0 48	9 58	1 21	17 31	1 40	11 16	1 33	17 51	1 58	12 27	0 43	9 44	1 15	27 3	5 11	14 51	14 57	8 48	18 20	4 4
F 14	13 44	14 20	4 48	8 57	0 41	9 29	1 20	17 43	1 41	11 19	1 33	17 51	1 58	12 26	0 43	9 45	1 15	27 3	5 11	14 51	14 58	8 45	18 20	4 5
S 15	13 25	19 37	5 12	8 14	0 34	9 0	1 19	17 55	1 41	11 21	1 34	17 52	1 58	12 25	0 43	9 45	1 15	27 3	5 11	14 52	14 59	8 42	18 20	4 5
S 16	13 5	23 44	5 17	7 30	0 27	8 30	1 18	18 7	1 42	11 24	1 34	17 52	1 59	12 23	0 43	9 46	1 15	27 3	5 12	14 52	15 0	8 38	18 20	4 5
M17	12 45	26 29	5 6	6 47	0 20	8 1	1 17	18 19	1 42	11 27	1 34	17 52	1 59	12 22	0 43	9 47	1 16	27 3	5 12	14 52	15 1	8 35	18 20	4 6
T 18	12 25	27 46	4 39	6 3	0 13	7 31	1 16	18 31	1 42	11 30	1 34	17 53	1 59	12 21	0 43	9 47	1 16	27 3	5 12	14 51	15 2	8 32	18 20	4 6
W19	12 5	27 36	4 0	5 20	0 6	7 1	1 15	18 42	1 43	11 33	1 34	17 53	1 59	12 19	0 43	9 48	1 16	27 3	5 12	14 51	15 3	8 29	18 19	4 7
T 20	11 44	26 4	3 10	4 37	0s 2	6 31	1 14	18 54	1 43	11 36	1 34	17 53	1 59	12 18	0 43	9 49	1 16	27 3	5 12	14 51	15 4	8 26	18 19	4 7
F 21	11 23	23 21	2 13	3 54	0 9	6 0	1 12	19 5	1 43	11 39	1 34	17 54	1 59	12 17	0 43	9 49	1 16	27 3	5 12	14 51	15 5	8 22	18 19	4 7
S 22	11 3	19 39	1 10	3 11	0 17	5 30	1 11	19 16	1 43	11 42	1 34	17 54	2 0	12 15	0 43	9 50	1 16	27 3	5 12	14 50	15 6	8 19	18 19	4 8
S 23	10 41	15 12	0 5	2 29	0 25	4 59	1 10	19 28	1 44	11 45	1 34	17 54	2 0	12 14	0 43	9 50	1 16	27 2	5 13	14 50	15 7	8 16	18 19	4 8
M24	10 20	10 12	1s 0	1 47	0 33	4 28	1 8	19 39	1 44	11 48	1 34	17 54	2 0	12 13	0 43	9 51	1 16	27 2	5 13	14 50	15 8	8 13	18 18	4 9
T 25	9 59	4 52	2 2	1 5	0 41	3 57	1 6	19 50	1 44	11 51	1 34	17 54	2 0	12 11	0 43	9 52	1 16	27 2	5 13	14 51	15 9	8 9	18 18	4 9
W26	9 37	0s39	3 0	0 24	0 49	3 26	1 5	20 1	1 44	11 54	1 35	17 55	2 0	12 10	0 43	9 52	1 16	27 2	5 13	14 51	15 10	8 6	18 18	4 9
T 27	9 16	6 10	3 49	0s17	0 56	2 55	1 3	20 11	1 45	11 57	1 35	17 55	2 0	12 9	0 43	9 53	1 16	27 2	5 13	14 52	15 11	8 3	18 18	4 10
F 28	8 54	11 30	4 29	0 57	1 4	2 24	1 1	20 22	1 45	12 0	1 35	17 55	2 0	12 7	0 43	9 54	1 16	27 2	5 13	14 53	15 12	8 0	18 18	4 10
S 29	8 32	16 28	4 58	1 37	1 12	1 53	1 0	20 32	1 45	12 3	1 35	17 55	2 1	12 6	0 43	9 54	1 16	27 2	5 14	14 54	15 13	7 56	18 17	4 11
S 30	8 9	20 51	5 13	2 17	1 20	1 21	0 58	20 43	1 45	12 6	1 35	17 55	2 1	12 5	0 43	9 55	1 16	27 2	5 14	14 54	15 14	7 53	18 17	4 11
M31	7n47	24s24	5s14	2s56	1s28	0n50	0n56	20s53	1s45	12s 9	1s35	17n55	2s 1	12n 3	0n43	9s55	1s16	27n 2	5n14	14s55	15s15	7n50	18n17	4s11

Julian Day Number = 1978771.5, Delta T = 59m58s
Ecliptic obliquity = 23°36'30, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'38, Lahiri = 5°49'38 Julian Calendar 1 Aug. 705 == Greg. Calendar 5 Aug. 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

SEPTEMBER 705 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 52 38	11♍12'28	8♐38	5♎15	1♎18	25♏48	2°R19	28♉ 8	0♍33	7°R38	21♋33	20°D 0	18♒53	6♍25	12♊21	T 1
W 2	22 56 35	12°11'19	21°54	6°31	2°32	26°29	2♓11	28° 9	0°36	7♓36	21°35	20♒ 0	18°50	6°32	12°22	W 2
T 3	23 0 31	13°10'11	5♑35	7°46	3°46	27°11	2° 3	28° 9	0°40	7°35	21°36	20° 1	18°47	6°38	12°23	T 3
F 4	23 4 28	14° 9'05	19°40	8°59	5° 0	27°52	1°55	28°10	0°44	7°33	21°37	20° 2	18°43	6°45	12°24	F 4
S 5	23 8 24	15° 8'01	4♒11	10°10	6°14	28°33	1°48	28°10	0°47	7°31	21°38	20° 4	18°40	6°52	12°25	S 5
S 6	23 12 21	16° 6'59	19° 2	11°20	7°29	29°15	1°40	28°10	0°51	7°30	21°39	20°R 4	18°37	6°58	12°25	S 6
M 7	23 16 17	17° 5'58	4♓ 9	12°27	8°43	29°56	1°33	28°R10	0°55	7°28	21°40	20° 4	18°34	7° 5	12°26	M 7
T 8	23 20 14	18° 5'00	19°22	13°33	9°57	0♈38	1°26	28°10	0°58	7°27	21°41	20° 2	18°31	7°11	12°26	T 8
W 9	23 24 10	19° 4'03	4♈33	14°36	11°11	1°20	1°18	28°10	1° 2	7°25	21°43	19°58	18°28	7°18	12°27	W 9
T 10	23 28 7	20° 3'09	19°30	15°38	12°25	2° 2	1°11	28°10	1° 6	7°23	21°44	19°54	18°24	7°25	12°27	T 10
F 11	23 32 4	21° 2'17	4♉ 6	16°36	13°39	2°44	1° 4	28° 9	1° 9	7°22	21°45	19°50	18°21	7°31	12°28	F 11
S 12	23 36 0	22° 1'28	18°16	17°32	14°53	3°26	0°57	28° 9	1°13	7°20	21°46	19°46	18°18	7°38	12°28	S 12
S 13	23 39 57	23° 0'41	1♊58	18°24	16° 8	4° 9	0°50	28° 8	1°16	7°18	21°47	19°43	18°15	7°45	12°28	S 13
M14	23 43 53	23°59'56	15°11	19°14	17°22	4°51	0°44	28° 8	1°20	7°17	21°48	19°41	18°12	7°51	12°28	M14
T 15	23 47 50	24°59'14	27°58	19°59	18°36	5°34	0°37	28° 7	1°24	7°15	21°49	19°D40	18° 9	7°58	12°R28	T 15
W16	23 51 46	25°58'34	10♋24	20°41	19°50	6°16	0°30	28° 6	1°27	7°14	21°49	19°41	18° 5	8° 5	12°28	W16
T 17	23 55 43	26°57'56	22°34	21°19	21° 4	6°59	0°24	28° 5	1°31	7°12	21°50	19°43	18° 2	8°11	12°28	T 17
F 18	23 59 39	27°57'21	4♌31	21°51	22°18	7°42	0°18	28° 4	1°34	7°11	21°51	19°45	17°59	8°18	12°28	F 18
S 19	0 3 36	28°56'48	16°22	22°19	23°32	8°25	0°12	28° 3	1°38	7° 9	21°52	19°R45	17°56	8°25	12°28	S 19
S 20	0 7 33	29°56'18	28° 8	22°41	24°46	9° 8	0° 6	28° 1	1°41	7° 8	21°53	19°45	17°53	8°31	12°28	S 20
M21	0 11 29	0♎55'49	9♍55	22°57	26° 0	9°51	29♒59	28° 0	1°44	7° 6	21°54	19°43	17°49	8°38	12°27	M21
T 22	0 15 26	1°55'23	21°45	23° 6	27°14	10°34	29°54	27°58	1°48	7° 5	21°54	19°39	17°46	8°45	12°27	T 22
W23	0 19 22	2°54'58	3♎41	23°R 8	28°28	11°17	29°49	27°56	1°51	7° 3	21°55	19°32	17°43	8°51	12°26	W23
T 24	0 23 19	3°54'36	15°43	23° 2	29°42	12° 1	29°43	27°55	1°55	7° 2	21°56	19°25	17°40	8°58	12°26	T 24
F 25	0 27 15	4°54'16	27°53	22°48	0♏56	12°44	29°38	27°53	1°58	7° 0	21°57	19°16	17°37	9° 5	12°25	F 25
S 26	0 31 12	5°53'58	10♏13	22°26	2°10	13°28	29°33	27°51	2° 1	6°59	21°57	19° 7	17°34	9°11	12°25	S 26
S 27	0 35 8	6°53'42	22°44	21°55	3°24	14°12	29°28	27°49	2° 4	6°58	21°58	18°59	17°30	9°18	12°24	S 27
M28	0 39 5	7°53'28	5♐27	21°15	4°38	14°55	29°24	27°46	2° 8	6°56	21°59	18°53	17°27	9°25	12°23	M28
T 29	0 43 2	8°53'16	18°24	20°27	5°52	15°39	29°19	27°44	2°11	6°55	21°59	18°49	17°24	9°31	12°22	T 29
W30	0 46 58	9♎53'05	1♑38	19♎31	7♏ 6	16♐23	29♒15	27♉42	2♍14	6♓54	22♋ 0	18♒46	17♒21	9♍38	12♊21	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n25	26s49	4s59	3s34	1s36	0n18	0n54	21s 3	1s46	12s12	1s35	17n55	2s 1	12n 2	0n43	9s56	1s16	27n 2	5n14	14s55	15s16	7n47	18n16	4s12
W 2	7 2	27 49	4 28	4 11	1 44	0s13	0 52	21 13	1 46	12 15	1 35	17 55	2 1	12 1	0 44	9 57	1 16	27 2	5 14	14 55	15 17	7 43	18 16	4 12
T 3	6 40	27 10	3 41	4 48	1 51	0 45	0 50	21 23	1 46	12 17	1 35	17 55	2 1	12 0	0 44	9 57	1 16	27 2	5 14	14 55	15 18	7 40	18 16	4 13
F 4	6 17	24 47	2 40	5 24	1 59	1 16	0 48	21 33	1 46	12 20	1 35	17 55	2 2	11 58	0 44	9 58	1 16	27 2	5 15	14 54	15 19	7 37	18 16	4 13
S 5	5 54	20 45	1 26	5 59	2 6	1 48	0 46	21 42	1 46	12 23	1 35	17 55	2 2	11 57	0 44	9 59	1 16	27 2	5 15	14 54	15 20	7 34	18 15	4 13
S 6	5 31	15 19	0 6	6 34	2 14	2 19	0 43	21 51	1 46	12 26	1 35	17 55	2 2	11 56	0 44	9 59	1 16	27 2	5 15	14 54	15 21	7 30	18 15	4 14
M 7	5 8	8 52	1n17	7 7	2 21	2 51	0 41	22 1	1 46	12 28	1 35	17 55	2 2	11 54	0 44	10 0	1 16	27 2	5 15	14 54	15 22	7 27	18 15	4 14
T 8	4 45	1 53	2 34	7 39	2 28	3 22	0 39	22 10	1 46	12 31	1 34	17 54	2 2	11 53	0 44	10 0	1 16	27 2	5 15	14 55	15 23	7 24	18 14	4 15
W 9	4 21	5n11	3 40	8 10	2 35	3 54	0 37	22 18	1 46	12 33	1 34	17 54	2 2	11 52	0 44	10 1	1 16	27 2	5 16	14 56	15 24	7 21	18 14	4 15
T 10	3 58	11 51	4 30	8 40	2 41	4 25	0 34	22 27	1 46	12 36	1 34	17 54	2 2	11 50	0 44	10 2	1 16	27 2	5 16	14 57	15 25	7 17	18 14	4 16
F 11	3 35	17 41	5 1	9 8	2 47	4 56	0 32	22 36	1 46	12 38	1 34	17 54	2 3	11 49	0 44	10 2	1 16	27 2	5 16	14 58	15 26	7 14	18 13	4 16
S 12	3 11	22 23	5 13	9 35	2 53	5 27	0 29	22 44	1 46	12 41	1 34	17 54	2 3	11 48	0 44	10 3	1 16	27 2	5 16	15 0	15 27	7 11	18 13	4 16
S 13	2 48	25 41	5 6	10 1	2 59	5 58	0 27	22 52	1 46	12 43	1 34	17 53	2 3	11 47	0 44	10 3	1 16	27 2	5 16	15 1	15 28	7 8	18 12	4 17
M14	2 24	27 27	4 43	10 24	3 4	6 29	0 24	23 0	1 46	12 45	1 34	17 53	2 3	11 45	0 44	10 4	1 16	27 2	5 17	15 1	15 29	7 4	18 12	4 17
T 15	2 0	27 41	4 6	10 46	3 8	7 0	0 22	23 8	1 46	12 48	1 34	17 53	2 3	11 44	0 44	10 5	1 16	27 2	5 17	15 1	15 30	7 1	18 12	4 18
W16	1 37	26 30	3 18	11 6	3 12	7 31	0 19	23 15	1 46	12 50	1 34	17 52	2 3	11 43	0 44	10 5	1 16	27 2	5 17	15 1	15 31	6 58	18 11	4 18
T 17	1 13	24 3	2 23	11 23	3 16	8 1	0 17	23 23	1 46	12 52	1 34	17 52	2 3	11 42	0 44	10 6	1 16	27 2	5 17	15 0	15 32	6 55	18 11	4 18
F 18	0 49	20 36	1 22	11 38	3 19	8 31	0 14	23 30	1 46	12 54	1 34	17 52	2 4	11 40	0 44	10 6	1 16	27 2	5 17	15 0	15 33	6 51	18 10	4 19
S 19	0 25	16 20	0 19	11 51	3 21	9 1	0 11	23 37	1 46	12 56	1 34	17 51	2 4	11 39	0 44	10 7	1 16	27 2	5 18	15 0	15 34	6 48	18 10	4 19
S 20	0 1	11 30	0s45	12 0	3 22	9 31	0 9	23 43	1 46	12 58	1 33	17 51	2 4	11 38	0 44	10 7	1 16	27 2	5 18	15 0	15 35	6 45	18 9	4 20
M21	0s22	6 15	1 47	12 7	3 22	10 1	0 6	23 50	1 46	13 0	1 33	17 50	2 4	11 37	0 44	10 8	1 16	27 2	5 18	15 0	15 36	6 42	18 9	4 20
T 22	0 46	0 46	2 45	12 9	3 22	10 31	0 3	23 56	1 46	13 2	1 33	17 50	2 4	11 35	0 44	10 9	1 16	27 3	5 18	15 2	15 37	6 38	18 8	4 21
W23	1 10	4s46	3 35	12 8	3 20	11 0	0 1	24 2	1 46	13 4	1 33	17 49	2 4	11 34	0 44	10 9	1 16	27 3	5 18	15 4	15 38	6 35	18 8	4 21
T 24	1 34	10 10	4 17	12 3	3 16	11 29	0s 2	24 8	1 46	13 6	1 33	17 49	2 4	11 33	0 44	10 10	1 16	27 3	5 19	15 6	15 39	6 32	18 7	4 21
F 25	1 58	15 15	4 47	11 54	3 12	11 58	0 5	24 14	1 46	13 8	1 33	17 48	2 5	11 32	0 44	10 10	1 16	27 3	5 19	15 9	15 40	6 28	18 7	4 22
S 26	2 22	19 47	5 4	11 39	3 6	12 26	0 8	24 19	1 46	13 9	1 33	17 48	2 5	11 31	0 44	10 11	1 16	27 3	5 19	15 12	15 41	6 25	18 6	4 22
S 27	2 45	23 31	5 7	11 20	2 58	12 54	0 10	24 25	1 45	13 11	1 32	17 47	2 5	11 30	0 44	10 11	1 16	27 3	5 19	15 14	15 42	6 22	18 6	4 23
M28	3 9	26 12	4 55	10 56	2 48	13 22	0 13	24 30	1 45	13 12	1 32	17 46	2 5	11 28	0 44	10 12	1 16	27 3	5 19	15 16	15 43	6 19	18 5	4 23
T 29	3 33	27 33	4 28	10 27	2 36	13 50	0 16	24 34	1 45	13 14	1 32	17 46	2 5	11 27	0 44	10 12	1 16	27 3	5 20	15 18	15 44	6 15	18 5	4 24
W30	3s57	27s22	3s46	9s53	2s23	14s17	0s19	24s39	1s45	13s15	1s32	17n45	2s 5	11n26	0n44	10s13	1s16	27n 3	5n20	15s18	15s45	6n12	18n 4	4s24

Julian Day Number = 1978802.5, Delta T = 59m57s
Ecliptic obliquity = 23°36'31, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'42, Lahiri = 5°49'42 Julian Calendar 1 Sept. 705 == Greg. Calendar 5 Sept. 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

OCTOBER 705 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 50 55	10♎52'56	15♉10	18°R27	8♏20	17♐ 7	29°R11	27°R39	2♍17	6°R52	22♋ 0	18°D46	17♒18	9♍45	12°R20	T 1
F 2	0 54 51	11°52'49	29° 2	17♎17	9°34	17°51	29♒ 7	27♉37	2°20	6♓51	22° 1	18♒47	17°15	9°51	12♊19	F 2
S 3	0 58 48	12°52'43	13♒15	16° 3	10°48	18°35	29° 3	27°34	2°24	6°50	22° 1	18°R48	17°11	9°58	12°18	S 3
S 4	1 2 44	13°52'39	27°48	14°47	12° 2	19°20	28°59	27°31	2°27	6°48	22° 2	18°48	17° 8	10° 5	12°17	S 4
M 5	1 6 41	14°52'37	12♓37	13°31	13°16	20° 4	28°56	27°28	2°30	6°47	22° 2	18°45	17° 5	10°11	12°15	M 5
T 6	1 10 37	15°52'37	27°36	12°16	14°30	20°48	28°53	27°25	2°33	6°46	22° 3	18°41	17° 2	10°18	12°14	T 6
W 7	1 14 34	16°52'38	12♈38	11° 7	15°44	21°33	28°50	27°22	2°36	6°45	22° 3	18°34	16°59	10°24	12°13	W 7
T 8	1 18 30	17°52'41	27°33	10° 4	16°58	22°17	28°47	27°19	2°39	6°44	22° 3	18°25	16°55	10°31	12°11	T 8
F 9	1 22 27	18°52'47	12♉12	9°10	18°11	23° 2	28°44	27°16	2°41	6°42	22° 4	18°15	16°52	10°38	12°10	F 9
S 10	1 26 24	19°52'54	26°27	8°25	19°25	23°46	28°42	27°12	2°44	6°41	22° 4	18° 5	16°49	10°44	12° 8	S 10
S 11	1 30 20	20°53'04	10♊14	7°52	20°39	24°31	28°40	27° 9	2°47	6°40	22° 4	17°57	16°46	10°51	12° 6	S 11
M12	1 34 17	21°53'16	23°33	7°30	21°53	25°16	28°38	27° 5	2°50	6°39	22° 4	17°51	16°43	10°58	12° 5	M12
T 13	1 38 13	22°53'29	6♋25	7°D20	23° 7	26° 1	28°36	27° 2	2°53	6°38	22° 5	17°48	16°40	11° 4	12° 3	T 13
W14	1 42 10	23°53'45	18°54	7°21	24°20	26°45	28°34	26°58	2°55	6°37	22° 5	17°D46	16°36	11°11	12° 1	W14
T 15	1 46 6	24°54'03	1♌ 4	7°33	25°34	27°30	28°33	26°54	2°58	6°36	22° 5	17°46	16°33	11°18	11°59	T 15
F 16	1 50 3	25°54'23	13° 1	7°56	26°48	28°15	28°32	26°51	3° 1	6°35	22° 5	17°R47	16°30	11°24	11°57	F 16
S 17	1 54 0	26°54'45	24°50	8°28	28° 2	29° 0	28°31	26°47	3° 3	6°34	22° 5	17°47	16°27	11°31	11°55	S 17
S 18	1 57 56	27°55'09	6♍36	9° 8	29°15	29°46	28°30	26°43	3° 6	6°33	22° 5	17°45	16°24	11°38	11°53	S 18
M19	2 1 53	28°55'35	18°25	9°56	0♐29	0♑31	28°29	26°39	3° 8	6°33	22° 5	17°41	16°20	11°44	11°51	M19
T 20	2 5 49	29°56'02	0♎19	10°51	1°43	1°16	28°29	26°35	3°11	6°32	22°R 5	17°34	16°17	11°51	11°49	T 20
W21	2 9 46	0♏56'32	12°22	11°52	2°56	2° 1	28°D29	26°30	3°13	6°31	22° 5	17°24	16°14	11°58	11°47	W21
T 22	2 13 42	1°57'03	24°36	12°58	4°10	2°47	28°29	26°26	3°16	6°30	22° 5	17°12	16°11	12° 4	11°44	T 22
F 23	2 17 39	2°57'36	7♏ 1	14° 9	5°23	3°32	28°29	26°22	3°18	6°29	22° 5	16°58	16° 8	12°11	11°42	F 23
S 24	2 21 35	3°58'11	19°38	15°23	6°37	4°17	28°29	26°18	3°20	6°29	22° 5	16°44	16° 5	12°18	11°40	S 24
S 25	2 25 32	4°58'47	2♐27	16°41	7°51	5° 3	28°30	26°13	3°23	6°28	22° 5	16°32	16° 1	12°24	11°37	S 25
M26	2 29 28	5°59'25	15°27	18° 1	9° 4	5°48	28°31	26° 9	3°25	6°27	22° 5	16°21	15°58	12°31	11°35	M26
T 27	2 33 25	7° 0'04	28°38	19°24	10°18	6°34	28°32	26° 4	3°27	6°27	22° 5	16°13	15°55	12°38	11°32	T 27
W28	2 37 22	8° 0'44	12♑ 0	20°49	11°31	7°20	28°33	26° 0	3°29	6°26	22° 5	16° 9	15°52	12°44	11°30	W28
T 29	2 41 18	9° 1'26	25°34	22°15	12°45	8° 5	28°35	25°55	3°31	6°25	22° 4	16° 6	15°49	12°51	11°27	T 29
F 30	2 45 15	10° 2'08	9♒21	23°43	13°58	8°51	28°36	25°50	3°33	6°25	22° 4	16° 6	15°46	12°58	11°24	F 30
S 31	2 49 11	11♏ 2'52	23♒21	25♎12	15♐12	9♑37	28♒38	25♉46	3♍35	6♓24	22♋ 4	16♒ 6	15♒42	13♍ 4	11♊22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s20	25s34	2s51	9s15	2s 8	14s44	0s22	24s43	1s45	13s16	1s32	17n45	2s 5	11n25	0n44	10s13	1s16	27n 3	5n20	15s18	15s46	6n 9	18n 4	4s24
F 2	4 44	22 12	1 44	8 32	1 51	15 10	0 25	24 47	1 45	13 18	1 32	17 44	2 5	11 24	0 44	10 14	1 16	27 4	5 20	15 18	15 47	6 6	18 3	4 25
S 3	5 7	17 26	0 30	7 47	1 32	15 36	0 27	24 51	1 44	13 19	1 31	17 43	2 5	11 23	0 44	10 14	1 15	27 4	5 20	15 18	15 48	6 2	18 3	4 25
S 4	5 31	11 34	0n48	6 59	1 13	16 2	0 30	24 54	1 44	13 20	1 31	17 42	2 6	11 22	0 44	10 15	1 15	27 4	5 21	15 18	15 49	5 59	18 2	4 26
M 5	5 54	4 58	2 4	6 10	0 53	16 27	0 33	24 58	1 44	13 21	1 31	17 42	2 6	11 21	0 44	10 15	1 15	27 4	5 21	15 19	15 50	5 56	18 2	4 26
T 6	6 17	1n59	3 12	5 22	0 32	16 52	0 36	25 1	1 44	13 22	1 31	17 41	2 6	11 20	0 44	10 15	1 15	27 4	5 21	15 20	15 50	5 53	18 1	4 26
W 7	6 41	8 49	4 7	4 36	0 11	17 17	0 39	25 3	1 43	13 23	1 31	17 40	2 6	11 19	0 44	10 16	1 15	27 4	5 21	15 22	15 51	5 49	18 1	4 27
T 8	7 4	15 6	4 45	3 53	0n 9	17 41	0 41	25 6	1 43	13 23	1 30	17 39	2 6	11 18	0 44	10 16	1 15	27 4	5 22	15 25	15 52	5 46	18 0	4 27
F 9	7 27	20 24	5 3	3 13	0 28	18 5	0 44	25 8	1 43	13 24	1 30	17 38	2 6	11 16	0 44	10 17	1 15	27 5	5 22	15 28	15 53	5 43	17 59	4 28
S 10	7 50	24 22	5 1	2 39	0 46	18 28	0 47	25 10	1 43	13 25	1 30	17 38	2 6	11 15	0 44	10 17	1 15	27 5	5 22	15 31	15 54	5 39	17 59	4 28
S 11	8 12	26 47	4 42	2 11	1 3	18 50	0 50	25 12	1 42	13 25	1 30	17 37	2 6	11 14	0 44	10 17	1 15	27 5	5 22	15 33	15 55	5 36	17 58	4 28
M12	8 35	27 34	4 8	1 49	1 18	19 13	0 53	25 13	1 42	13 26	1 30	17 36	2 6	11 13	0 44	10 18	1 15	27 5	5 22	15 35	15 56	5 33	17 58	4 29
T 13	8 58	26 49	3 22	1 32	1 31	19 34	0 55	25 15	1 42	13 26	1 29	17 35	2 6	11 13	0 44	10 18	1 15	27 5	5 23	15 36	15 57	5 30	17 57	4 29
W14	9 20	24 42	2 28	1 23	1 42	19 56	0 58	25 16	1 42	13 27	1 29	17 34	2 6	11 12	0 44	10 19	1 15	27 5	5 23	15 37	15 58	5 26	17 56	4 29
T 15	9 42	21 30	1 28	1 19	1 52	20 16	1 1	25 16	1 41	13 27	1 29	17 33	2 6	11 11	0 44	10 19	1 15	27 6	5 23	15 37	15 59	5 23	17 56	4 30
F 16	10 5	17 26	0 25	1 20	1 59	20 36	1 3	25 17	1 41	13 27	1 29	17 32	2 7	11 10	0 44	10 19	1 15	27 6	5 23	15 37	16 0	5 20	17 55	4 30
S 17	10 27	12 45	0s37	1 27	2 6	20 56	1 6	25 17	1 41	13 27	1 28	17 31	2 7	11 9	0 45	10 20	1 15	27 6	5 24	15 37	16 1	5 16	17 54	4 31
S 18	10 48	7 38	1 38	1 39	2 10	21 15	1 9	25 17	1 40	13 27	1 28	17 30	2 7	11 8	0 45	10 20	1 15	27 6	5 24	15 37	16 2	5 13	17 54	4 31
M19	11 10	2 14	2 35	1 55	2 14	21 33	1 11	25 16	1 40	13 27	1 28	17 29	2 7	11 7	0 45	10 20	1 15	27 6	5 24	15 39	16 3	5 10	17 53	4 31
T 20	11 32	3s16	3 25	2 15	2 16	21 51	1 14	25 16	1 39	13 27	1 28	17 28	2 7	11 6	0 45	10 20	1 15	27 7	5 24	15 41	16 4	5 7	17 53	4 32
W21	11 53	8 42	4 7	2 38	2 17	22 8	1 16	25 15	1 39	13 27	1 28	17 27	2 7	11 5	0 45	10 21	1 15	27 7	5 24	15 44	16 5	5 3	17 52	4 32
T 22	12 14	13 54	4 38	3 4	2 17	22 25	1 19	25 13	1 39	13 27	1 27	17 26	2 7	11 4	0 45	10 21	1 15	27 7	5 25	15 47	16 6	5 0	17 51	4 32
F 23	12 35	18 36	4 56	3 32	2 16	22 41	1 21	25 12	1 38	13 27	1 27	17 25	2 7	11 4	0 45	10 21	1 15	27 7	5 25	15 52	16 7	4 57	17 51	4 33
S 24	12 56	22 34	5 0	4 3	2 14	22 56	1 24	25 10	1 38	13 26	1 27	17 24	2 7	11 3	0 45	10 21	1 15	27 8	5 25	15 56	16 8	4 54	17 50	4 33
S 25	13 16	25 31	4 49	4 35	2 11	23 11	1 26	25 8	1 38	13 26	1 27	17 23	2 7	11 2	0 45	10 22	1 15	27 8	5 25	16 0	16 9	4 50	17 49	4 33
M26	13 37	27 10	4 23	5 9	2 8	23 25	1 28	25 6	1 37	13 25	1 26	17 22	2 7	11 1	0 45	10 22	1 15	27 8	5 25	16 3	16 10	4 47	17 49	4 34
T 27	13 57	27 19	3 43	5 44	2 4	23 38	1 30	25 3	1 37	13 25	1 26	17 21	2 7	11 0	0 45	10 22	1 15	27 8	5 26	16 5	16 11	4 44	17 48	4 34
W28	14 17	25 53	2 50	6 20	2 0	23 51	1 33	25 0	1 36	13 24	1 26	17 20	2 7	11 0	0 45	10 22	1 15	27 8	5 26	16 7	16 12	4 40	17 47	4 34
T 29	14 36	22 55	1 46	6 57	1 55	24 3	1 35	24 57	1 36	13 23	1 26	17 19	2 7	10 59	0 45	10 22	1 15	27 9	5 26	16 7	16 13	4 37	17 47	4 35
F 30	14 56	18 37	0 36	7 34	1 50	24 14	1 37	24 54	1 35	13 22	1 25	17 18	2 7	10 58	0 45	10 23	1 15	27 9	5 26	16 7	16 13	4 34	17 46	4 35
S 31	15s15	13s14	0n38	8s12	1n44	24s25	1s39	24s50	1s35	13s22	1s25	17n17	2s 7	10n58	0n45	10s23	1s15	27n 9	5n27	16s 7	16s14	4n31	17n45	4s35

Julian Day Number = 1978832.5, Delta T = 59m56s
Ecliptic obliquity = 23°36'30, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'46, Lahiri = 5°49'47 Julian Calendar 1 Oct. 705 == Greg. Calendar 5 Oct. 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

NOVEMBER 705 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 53 8	12♏ 3'37	7♓35	26♎42	16♐25	10♑23	28♒40	25°R41	3♍37	6°R24	22°R 4	16°R 5	15♒39	13♍11	11°R19	S 1
M 2	2 57 4	13° 4'23	22° 1	28°13	17°38	11° 8	28°43	25♉36	3°39	6♓24	22♋ 3	16♒ 2	15°36	13°18	11♊16	M 2
T 3	3 1 1	14° 5'09	6♈36	29°44	18°52	11°54	28°45	25°31	3°41	6°23	22° 3	15°56	15°33	13°24	11°13	T 3
W 4	3 4 57	15° 5'57	21°15	1♏16	20° 5	12°40	28°48	25°27	3°43	6°23	22° 3	15°46	15°30	13°31	11°10	W 4
T 5	3 8 54	16° 6'47	5♉50	2°48	21°18	13°26	28°51	25°22	3°44	6°22	22° 2	15°35	15°26	13°38	11° 7	T 5
F 6	3 12 51	17° 7'37	20°14	4°20	22°31	14°12	28°54	25°17	3°46	6°22	22° 2	15°23	15°23	13°44	11° 5	F 6
S 7	3 16 47	18° 8'29	4♊21	5°53	23°45	14°58	28°57	25°12	3°48	6°22	22° 1	15°10	15°20	13°51	11° 2	S 7
S 8	3 20 44	19° 9'22	18° 5	7°26	24°58	15°44	29° 0	25° 7	3°49	6°22	22° 1	14°59	15°17	13°58	10°59	S 8
M 9	3 24 40	20°10'16	1♋24	8°59	26°11	16°30	29° 4	25° 2	3°51	6°21	22° 0	14°51	15°14	14° 4	10°55	M 9
T 10	3 28 37	21°11'12	14°18	10°33	27°24	17°16	29° 8	24°57	3°52	6°21	22° 0	14°45	15°11	14°11	10°52	T 10
W11	3 32 33	22°12'09	26°49	12° 6	28°37	18° 2	29°12	24°52	3°54	6°21	21°59	14°42	15° 7	14°18	10°49	W11
T 12	3 36 30	23°13'07	9♌ 2	13°39	29°50	18°48	29°16	24°47	3°55	6°21	21°59	14°41	15° 4	14°24	10°46	T 12
F 13	3 40 27	24°14'06	21° 0	15°13	1♑ 3	19°34	29°21	24°42	3°57	6°21	21°58	14°41	15° 1	14°31	10°43	F 13
S 14	3 44 23	25°15'07	2♍51	16°46	2°16	20°20	29°25	24°37	3°58	6°D21	21°57	14°41	14°58	14°38	10°40	S 14
S 15	3 48 20	26°16'09	14°39	18°20	3°29	21° 6	29°30	24°32	3°59	6°21	21°57	14°39	14°55	14°44	10°37	S 15
M16	3 52 16	27°17'12	26°29	19°54	4°41	21°52	29°35	24°27	4° 0	6°21	21°56	14°36	14°52	14°51	10°33	M16
T 17	3 56 13	28°18'16	8♎27	21°27	5°54	22°39	29°40	24°22	4° 1	6°21	21°55	14°29	14°48	14°58	10°30	T 17
W18	4 0 9	29°19'21	20°36	23° 1	7° 7	23°25	29°46	24°17	4° 2	6°21	21°55	14°20	14°45	15° 4	10°27	W18
T 19	4 4 6	0♐20'27	3♏ 0	24°35	8°20	24°11	29°51	24°12	4° 3	6°21	21°54	14° 9	14°42	15°11	10°24	T 19
F 20	4 8 2	1°21'34	15°39	26° 9	9°32	24°57	29°57	24° 8	4° 4	6°21	21°53	13°56	14°39	15°18	10°20	F 20
S 21	4 11 59	2°22'42	28°34	27°43	10°45	25°43	0♓ 3	24° 3	4° 5	6°22	21°52	13°43	14°36	15°24	10°17	S 21
S 22	4 15 56	3°23'51	11♐45	29°17	11°58	26°30	0° 9	23°58	4° 6	6°22	21°51	13°31	14°32	15°31	10°14	S 22
M23	4 19 52	4°25'01	25° 8	0♐51	13°10	27°16	0°15	23°53	4° 7	6°22	21°51	13°20	14°29	15°38	10°10	M23
T 24	4 23 49	5°26'11	8♑43	2°25	14°22	28° 2	0°21	23°48	4° 7	6°23	21°50	13°13	14°26	15°44	10° 7	T 24
W25	4 27 45	6°27'21	22°26	3°59	15°35	28°49	0°28	23°43	4° 8	6°23	21°49	13° 8	14°23	15°51	10° 4	W25
T 26	4 31 42	7°28'32	6♒16	5°34	16°47	29°35	0°35	23°39	4° 9	6°23	21°48	13° 7	14°20	15°58	10° 0	T 26
F 27	4 35 38	8°29'43	20°12	7° 9	17°59	0♒21	0°42	23°34	4° 9	6°24	21°47	13°D 7	14°17	16° 4	9°57	F 27
S 28	4 39 35	9°30'54	4♓13	8°43	19°12	1° 8	0°49	23°29	4°10	6°24	21°46	13°R 7	14°13	16°11	9°54	S 28
S 29	4 43 31	10°32'05	18°19	10°18	20°24	1°54	0°56	23°24	4°10	6°25	21°45	13° 7	14°10	16°18	9°50	S 29
M30	4 47 28	11♐33'16	2♈28	11♐54	21♑36	2♒40	1♓ 3	23♉20	4♍11	6♓25	21♋44	13♒ 5	14♒ 7	16♍24	9♊47	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s34	7s 4	1n51	8s50	1n39	24s35	1s41	24s46	1s34	13s21	1s25	17n16	2s 7	10n57	0n45	10s23	1s15	27n10	5n27	16s 8	16s15	4n27	17n45	4s36
M 2	15 52	0 28	2 57	9 28	1 33	24 44	1 43	24 42	1 34	13 20	1 25	17 15	2 7	10 56	0 45	10 23	1 15	27 10	5 27	16 9	16 16	4 24	17 44	4 36
T 3	16 11	6n12	3 53	10 7	1 26	24 53	1 45	24 37	1 34	13 19	1 24	17 13	2 7	10 56	0 45	10 23	1 15	27 10	5 27	16 11	16 17	4 21	17 43	4 36
W 4	16 29	12 34	4 33	10 45	1 20	25 0	1 47	24 33	1 33	13 17	1 24	17 12	2 7	10 55	0 45	10 23	1 15	27 10	5 27	16 13	16 18	4 17	17 43	4 36
T 5	16 47	18 12	4 56	11 23	1 13	25 7	1 48	24 28	1 33	13 16	1 24	17 11	2 7	10 54	0 45	10 23	1 15	27 11	5 28	16 17	16 19	4 14	17 42	4 37
F 6	17 4	22 43	4 59	12 1	1 7	25 14	1 50	24 22	1 32	13 15	1 24	17 10	2 7	10 54	0 45	10 24	1 15	27 11	5 28	16 20	16 20	4 11	17 41	4 37
S 7	17 21	25 48	4 44	12 38	1 0	25 19	1 52	24 17	1 32	13 13	1 24	17 9	2 7	10 53	0 45	10 24	1 15	27 11	5 28	16 24	16 21	4 8	17 41	4 37
S 8	17 38	27 15	4 12	13 15	0 53	25 24	1 53	24 11	1 31	13 12	1 23	17 8	2 7	10 53	0 45	10 24	1 15	27 11	5 28	16 27	16 22	4 4	17 40	4 38
M 9	17 55	27 4	3 28	13 52	0 46	25 28	1 55	24 5	1 30	13 10	1 23	17 7	2 7	10 52	0 45	10 24	1 15	27 12	5 28	16 30	16 23	4 1	17 39	4 38
T 10	18 11	25 23	2 33	14 28	0 39	25 31	1 56	23 58	1 30	13 9	1 23	17 6	2 7	10 52	0 45	10 24	1 14	27 12	5 29	16 31	16 24	3 58	17 39	4 38
W11	18 27	22 28	1 33	15 4	0 33	25 34	1 57	23 52	1 29	13 7	1 23	17 4	2 7	10 51	0 45	10 24	1 14	27 12	5 29	16 32	16 25	3 54	17 38	4 38
T 12	18 43	18 36	0 30	15 39	0 26	25 35	1 59	23 45	1 29	13 6	1 22	17 3	2 6	10 51	0 46	10 24	1 14	27 13	5 29	16 33	16 26	3 51	17 37	4 39
F 13	18 58	14 4	0s33	16 13	0 19	25 36	2 0	23 38	1 28	13 4	1 22	17 2	2 6	10 50	0 46	10 24	1 14	27 13	5 29	16 33	16 27	3 48	17 37	4 39
S 14	19 13	9 4	1 35	16 47	0 12	25 36	2 1	23 30	1 28	13 2	1 22	17 1	2 6	10 50	0 46	10 24	1 14	27 13	5 29	16 33	16 28	3 45	17 36	4 39
S 15	19 27	3 45	2 32	17 20	0 5	25 36	2 2	23 23	1 27	13 0	1 22	17 0	2 6	10 50	0 46	10 24	1 14	27 14	5 30	16 33	16 29	3 41	17 35	4 39
M16	19 42	1s41	3 22	17 52	0s 2	25 34	2 3	23 15	1 27	12 58	1 21	16 59	2 6	10 49	0 46	10 24	1 14	27 14	5 30	16 34	16 30	3 38	17 35	4 40
T 17	19 55	7 7	4 4	18 24	0 9	25 32	2 4	23 6	1 26	12 56	1 21	16 58	2 6	10 49	0 46	10 24	1 14	27 14	5 30	16 36	16 30	3 35	17 34	4 40
W18	20 9	12 21	4 36	18 54	0 15	25 29	2 5	22 58	1 26	12 54	1 21	16 57	2 6	10 48	0 46	10 23	1 14	27 14	5 30	16 39	16 31	3 31	17 33	4 40
T 19	20 22	17 13	4 56	19 24	0 22	25 26	2 5	22 49	1 25	12 52	1 21	16 55	2 6	10 48	0 46	10 23	1 14	27 15	5 30	16 42	16 32	3 28	17 33	4 40
F 20	20 35	21 26	5 1	19 53	0 28	25 21	2 6	22 40	1 24	12 49	1 20	16 54	2 6	10 48	0 46	10 23	1 14	27 15	5 31	16 46	16 33	3 25	17 32	4 40
S 21	20 47	24 43	4 51	20 21	0 35	25 16	2 6	22 31	1 24	12 47	1 20	16 53	2 6	10 48	0 46	10 23	1 14	27 15	5 31	16 50	16 34	3 22	17 31	4 41
S 22	20 59	26 45	4 26	20 48	0 41	25 10	2 7	22 22	1 23	12 45	1 20	16 52	2 5	10 47	0 46	10 23	1 14	27 16	5 31	16 53	16 35	3 18	17 31	4 41
M23	21 10	27 17	3 46	21 14	0 47	25 4	2 7	22 12	1 23	12 42	1 20	16 51	2 5	10 47	0 46	10 23	1 14	27 16	5 31	16 56	16 36	3 15	17 30	4 41
T 24	21 22	26 11	2 52	21 40	0 53	24 56	2 8	22 2	1 22	12 40	1 20	16 50	2 5	10 47	0 46	10 23	1 14	27 16	5 31	16 58	16 37	3 12	17 29	4 41
W25	21 32	23 30	1 48	22 4	0 59	24 48	2 8	21 52	1 21	12 37	1 19	16 49	2 5	10 47	0 46	10 23	1 14	27 17	5 32	16 59	16 38	3 8	17 29	4 41
T 26	21 43	19 26	0 36	22 27	1 5	24 39	2 8	21 42	1 21	12 35	1 19	16 48	2 5	10 46	0 46	10 22	1 14	27 17	5 32	17 0	16 39	3 5	17 28	4 41
F 27	21 53	14 15	0n38	22 49	1 10	24 30	2 8	21 31	1 20	12 32	1 19	16 47	2 5	10 46	0 46	10 22	1 14	27 17	5 32	17 0	16 40	3 2	17 27	4 42
S 28	22 2	8 19	1 50	23 9	1 15	24 20	2 8	21 20	1 19	12 29	1 19	16 46	2 5	10 46	0 46	10 22	1 14	27 18	5 32	17 0	16 41	2 59	17 27	4 42
S 29	22 11	1 57	2 56	23 29	1 21	24 9	2 7	21 9	1 19	12 26	1 19	16 45	2 5	10 46	0 46	10 22	1 14	27 18	5 32	17 0	16 42	2 55	17 26	4 42
M30	22s20	4n32	3n52	23s47	1s26	23s57	2s 7	20s58	1s18	12s24	1s18	16n44	2s 4	10n46	0n46	10s22	1s14	27n18	5n32	17s 0	16s43	2n52	17n26	4s42

Julian Day Number = 1978863.5, Delta T = 59m55s
Ecliptic obliquity = 23°36'30, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'50, Lahiri = 5°49'51 Julian Calendar 1 Nov. 705 == Greg. Calendar 5 Nov. 705

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ASTRODIENST EPHEMERIS for the year 705
geocentric

DECEMBER 705 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 51 25	12♐34'27	16♈40	13♐29	22♑48	3♒27	1♓11	23°R15	4♍11	6♓26	21°R43	13°R 1	14♒ 4	16♍31	9°R43	T 1
W 2	4 55 21	13°35'38	0♉51	15° 5	24° 0	4°13	1°19	23♉11	4°11	6°26	21♋42	12♒54	14° 1	16°38	9♊40	W 2
T 3	4 59 18	14°36'49	14°57	16°41	25°11	4°59	1°26	23° 6	4°11	6°27	21°41	12°45	13°58	16°44	9°37	T 3
F 4	5 3 14	15°38'01	28°55	18°17	26°23	5°46	1°34	23° 2	4°12	6°28	21°40	12°35	13°54	16°51	9°33	F 4
S 5	5 7 11	16°39'13	12♊39	19°53	27°35	6°32	1°43	22°58	4°12	6°28	21°39	12°25	13°51	16°58	9°30	S 5
S 6	5 11 7	17°40'24	26° 6	21°30	28°46	7°18	1°51	22°53	4°R12	6°29	21°38	12°16	13°48	17° 4	9°27	S 6
M 7	5 15 4	18°41'36	9♋14	23° 7	29°58	8° 4	1°59	22°49	4°12	6°30	21°37	12° 9	13°45	17°11	9°23	M 7
T 8	5 19 0	19°42'49	22° 2	24°44	1♒ 9	8°51	2° 8	22°45	4°12	6°31	21°36	12° 5	13°42	17°18	9°20	T 8
W 9	5 22 57	20°44'01	4♌32	26°22	2°20	9°37	2°17	22°41	4°11	6°31	21°34	12° 2	13°38	17°24	9°17	W 9
T 10	5 26 54	21°45'13	16°44	28° 0	3°32	10°23	2°26	22°37	4°11	6°32	21°33	12°D 2	13°35	17°31	9°14	T 10
F 11	5 30 50	22°46'26	28°44	29°38	4°43	11°10	2°35	22°33	4°11	6°33	21°32	12° 3	13°32	17°38	9°10	F 11
S 12	5 34 47	23°47'39	10♍36	1♎16	5°54	11°56	2°44	22°29	4°11	6°34	21°31	12° 5	13°29	17°44	9° 7	S 12
S 13	5 38 43	24°48'51	22°25	2°55	7° 4	12°42	2°53	22°25	4°10	6°35	21°30	12°R 5	13°26	17°51	9° 4	S 13
M14	5 42 40	25°50'04	4♏17	4°34	8°15	13°28	3° 2	22°22	4°10	6°36	21°29	12° 5	13°23	17°58	9° 1	M14
T 15	5 46 36	26°51'18	16°15	6°12	9°26	14°15	3°12	22°18	4° 9	6°37	21°27	12° 3	13°19	18° 4	8°57	T 15
W16	5 50 33	27°52'31	28°27	7°52	10°36	15° 1	3°22	22°14	4° 9	6°38	21°26	11°59	13°16	18°11	8°54	W16
T 17	5 54 29	28°53'44	10♏54	9°31	11°47	15°47	3°31	22°11	4° 8	6°39	21°25	11°53	13°13	18°18	8°51	T 17
F 18	5 58 26	29°54'57	23°41	11°10	12°57	16°33	3°41	22° 8	4° 8	6°40	21°24	11°45	13°10	18°24	8°48	F 18
S 19	6 2 23	0♎56'10	6♐48	12°49	14° 7	17°20	3°51	22° 4	4° 7	6°42	21°22	11°38	13° 7	18°31	8°45	S 19
S 20	6 6 19	1°57'22	20°15	14°28	15°17	18° 6	4° 1	22° 1	4° 6	6°43	21°21	11°31	13° 4	18°38	8°42	S 20
M21	6 10 16	2°58'35	4♎ 1	16° 6	16°27	18°52	4°12	21°58	4° 6	6°44	21°20	11°25	13° 0	18°44	8°39	M21
T 22	6 14 12	3°59'47	18° 2	17°44	17°37	19°38	4°22	21°55	4° 5	6°45	21°18	11°21	12°57	18°51	8°36	T 22
W23	6 18 9	5° 0'58	2♒13	19°22	18°47	20°24	4°33	21°52	4° 4	6°46	21°17	11°19	12°54	18°58	8°33	W23
T 24	6 22 5	6° 2'09	16°30	20°58	19°56	21°10	4°43	21°49	4° 3	6°48	21°16	11°D19	12°51	19° 4	8°30	T 24
F 25	6 26 2	7° 3'18	0♓49	22°33	21° 6	21°56	4°54	21°46	4° 2	6°49	21°14	11°20	12°48	19°11	8°27	F 25
S 26	6 29 59	8° 4'27	15° 6	24° 6	22°15	22°43	5° 5	21°44	4° 1	6°50	21°13	11°21	12°44	19°18	8°24	S 26
S 27	6 33 55	9° 5'35	29°19	25°38	23°24	23°29	5°16	21°41	4° 0	6°52	21°12	11°22	12°41	19°24	8°22	S 27
M28	6 37 52	10° 6'41	13♈26	27° 7	24°33	24°15	5°27	21°39	3°58	6°53	21°10	11°R23	12°38	19°31	8°19	M28
T 29	6 41 48	11° 7'47	27°26	28°34	25°41	25° 1	5°38	21°36	3°57	6°55	21° 9	11°22	12°35	19°38	8°16	T 29
W30	6 45 45	12° 8'52	11♉16	29°57	26°50	25°47	5°49	21°34	3°56	6°56	21° 8	11°19	12°32	19°44	8°14	W30
T 31	6 49 41	13♎ 9'56	24♉57	1♒17	27♒58	26♒33	6♓ 1	21♉32	3♍55	6♓58	21♋ 6	11♒15	12♒29	19♍51	8♊11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s28	10n47	4n33	24s 4	1s30	23s45	2s 7	20s47	1s18	12s21	1s18	16n43	2s 4	10n46	0n46	10s21	1s14	27n19	5n33	17s 2	16s43	2n49	17n25	4s42
W 2	22 36	16 29	4 58	24 20	1 35	23 32	2 6	20 35	1 17	12 18	1 18	16 42	2 4	10 46	0 46	10 21	1 14	27 19	5 33	17 4	16 44	2 45	17 24	4 42
T 3	22 43	21 16	5 4	24 35	1 39	23 18	2 5	20 23	1 16	12 15	1 18	16 41	2 4	10 46	0 46	10 21	1 14	27 19	5 33	17 6	16 45	2 42	17 24	4 42
F 4	22 50	24 48	4 52	24 48	1 43	23 4	2 5	20 11	1 16	12 12	1 17	16 40	2 4	10 46	0 47	10 21	1 14	27 20	5 33	17 9	16 46	2 39	17 23	4 42
S 5	22 56	26 50	4 24	25 0	1 47	22 49	2 4	19 59	1 15	12 9	1 17	16 39	2 4	10 46	0 47	10 20	1 14	27 20	5 33	17 12	16 47	2 36	17 23	4 43
S 6	23 2	27 14	3 41	25 10	1 51	22 33	2 3	19 46	1 14	12 5	1 17	16 38	2 3	10 46	0 47	10 20	1 14	27 20	5 33	17 14	16 48	2 32	17 22	4 43
M 7	23 7	26 3	2 47	25 19	1 54	22 17	2 2	19 34	1 14	12 2	1 17	16 37	2 3	10 46	0 47	10 20	1 14	27 21	5 34	17 16	16 49	2 29	17 21	4 43
T 8	23 12	23 31	1 45	25 27	1 57	22 0	2 1	19 21	1 13	11 59	1 17	16 36	2 3	10 46	0 47	10 19	1 14	27 21	5 34	17 18	16 50	2 26	17 21	4 43
W 9	23 17	19 55	0 40	25 33	1 59	21 43	1 59	19 8	1 12	11 56	1 17	16 36	2 3	10 46	0 47	10 19	1 14	27 21	5 34	17 18	16 51	2 22	17 20	4 43
T 10	23 21	15 32	0s25	25 37	2 2	21 25	1 58	18 54	1 12	11 52	1 16	16 35	2 3	10 46	0 47	10 19	1 13	27 22	5 34	17 18	16 52	2 19	17 20	4 43
F 11	23 25	10 36	1 29	25 40	2 4	21 6	1 57	18 41	1 11	11 49	1 16	16 34	2 2	10 46	0 47	10 18	1 13	27 22	5 34	17 18	16 53	2 16	17 19	4 43
S 12	23 28	5 22	2 28	25 41	2 5	20 47	1 55	18 27	1 10	11 45	1 16	16 33	2 2	10 46	0 47	10 18	1 13	27 22	5 34	17 18	16 54	2 13	17 19	4 43
S 13	23 30	0s 2	3 21	25 41	2 6	20 28	1 53	18 14	1 9	11 42	1 16	16 32	2 2	10 47	0 47	10 18	1 13	27 23	5 35	17 17	16 54	2 9	17 18	4 43
M14	23 33	5 27	4 5	25 39	2 7	20 7	1 52	18 0	1 9	11 38	1 16	16 32	2 2	10 47	0 47	10 17	1 13	27 23	5 35	17 17	16 55	2 6	17 18	4 43
T 15	23 34	10 43	4 39	25 35	2 7	19 47	1 50	17 45	1 8	11 34	1 15	16 31	2 2	10 47	0 47	10 17	1 13	27 23	5 35	17 18	16 56	2 3	17 17	4 43
W16	23 35	15 40	5 1	25 29	2 7	19 25	1 48	17 31	1 7	11 31	1 15	16 30	2 1	10 47	0 47	10 16	1 13	27 24	5 35	17 19	16 57	1 59	17 17	4 43
T 17	23 36	20 5	5 9	25 22	2 6	19 4	1 45	17 17	1 7	11 27	1 15	16 30	2 1	10 47	0 47	10 16	1 13	27 24	5 35	17 21	16 58	1 56	17 16	4 43
F 18	23 36	23 42	5 3	25 13	2 5	18 42	1 43	17 2	1 6	11 23	1 15	16 29	2 1	10 48	0 47	10 15	1 13	27 24	5 35	17 23	16 59	1 53	17 16	4 43
S 19	23 36	26 12	4 40	25 2	2 3	18 19	1 41	16 47	1 5	11 19	1 15	16 28	2 1	10 48	0 47	10 15	1 13	27 25	5 35	17 25	17 0	1 50	17 15	4 43
S 20	23 36	27 16	4 2	24 49	2 1	17 56	1 38	16 32	1 5	11 15	1 15	16 28	2 0	10 48	0 47	10 14	1 13	27 25	5 35	17 27	17 1	1 46	17 15	4 43
M21	23 34	26 42	3 9	24 35	1 58	17 32	1 36	16 17	1 4	11 12	1 14	16 27	2 0	10 49	0 47	10 14	1 13	27 26	5 36	17 29	17 2	1 43	17 14	4 43
T 22	23 33	24 25	2 3	24 19	1 54	17 8	1 33	16 2	1 3	11 8	1 14	16 27	2 0	10 49	0 47	10 13	1 13	27 26	5 36	17 30	17 3	1 40	17 14	4 43
W23	23 31	20 36	0 49	24 1	1 50	16 44	1 30	15 46	1 2	11 4	1 14	16 26	2 0	10 49	0 47	10 13	1 13	27 26	5 36	17 30	17 4	1 37	17 13	4 43
T 24	23 28	15 33	0n28	23 41	1 45	16 19	1 28	15 31	1 2	10 59	1 14	16 26	1 59	10 50	0 47	10 12	1 13	27 27	5 36	17 30	17 4	1 33	17 13	4 43
F 25	23 25	9 38	1 45	23 20	1 39	15 54	1 25	15 15	1 1	10 55	1 14	16 25	1 59	10 50	0 47	10 12	1 13	27 27	5 36	17 30	17 5	1 30	17 12	4 43
S 26	23 22	3 14	2 54	22 58	1 33	15 29	1 21	14 59	1 0	10 51	1 14	16 25	1 59	10 51	0 47	10 11	1 13	27 27	5 36	17 30	17 6	1 27	17 12	4 43
S 27	23 18	3n17	3 53	22 34	1 25	15 3	1 18	14 43	0 59	10 47	1 13	16 24	1 59	10 51	0 47	10 11	1 13	27 27	5 36	17 29	17 7	1 23	17 12	4 43
M28	23 13	9 35	4 37	22 8	1 17	14 36	1 15	14 27	0 59	10 43	1 13	16 24	1 58	10 51	0 48	10 10	1 13	27 28	5 36	17 29	17 8	1 20	17 11	4 43
T 29	23 8	15 21	5 4	21 42	1 8	14 10	1 11	14 11	0 58	10 38	1 13	16 23	1 58	10 52	0 48	10 10	1 13	27 28	5 37	17 30	17 9	1 17	17 11	4 43
W30	23 3	20 16	5 13	21 14	0 58	13 43	1 8	13 55	0 57	10 34	1 13	16 23	1 58	10 52	0 48	10 9	1 13	27 28	5 37	17 30	17 10	1 14	17 11	4 43
T 31	22s57	24n 3	5n 4	20s46	0s47	13s16	1s 4	13s38	0s57	10s30	1s13	16n23	1s58	10n53	0n48	10s 9	1s13	27n29	5n37	17s31	17s11	1n10	17n10	4s43

Julian Day Number = 1978893.5, Delta T = 59m55s
Ecliptic obliquity = 23°36'29, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'54, Lahiri = 5°49'55 Julian Calendar 1 Dec. 705 == Greg. Calendar 5 Dec. 705

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 706
geocentric

JANUARY 706 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 53 38	14♉10'58	8♊26	2♒31	29♒ 6	27♒19	6♓12	21°R30	3°R53	6♓59	21°R 5	11°R11	12♒25	19♍58	8°R 8	F 1
S 2	6 57 34	15°12'00	21°43	3°40	0♓14	28° 4	6°24	21♉28	3♍52	7° 1	21♋ 4	11♒ 7	12°22	20° 4	8♊ 6	S 2
S 3	7 1 31	16°13'01	4♋46	4°44	1°22	28°50	6°35	21°26	3°51	7° 2	21° 2	11° 3	12°19	20°11	8° 3	S 3
M 4	7 5 28	17°14'00	17°35	5°40	2°29	29°36	6°47	21°24	3°49	7° 4	21° 1	11° 0	12°16	20°18	8° 1	M 4
T 5	7 9 24	18°14'59	0♌ 9	6°28	3°36	0♓22	6°59	21°23	3°48	7° 6	20°59	10°58	12°13	20°24	7°59	T 5
W 6	7 13 21	19°15'57	12°29	7° 8	4°43	1° 8	7°11	21°21	3°46	7° 7	20°58	10°D58	12°10	20°31	7°56	W 6
T 7	7 17 17	20°16'53	24°37	7°39	5°50	1°54	7°23	21°20	3°44	7° 9	20°57	10°59	12° 6	20°38	7°54	T 7
F 8	7 21 14	21°17'49	6♍36	7°59	6°57	2°39	7°35	21°19	3°43	7°11	20°55	11° 0	12° 3	20°44	7°52	F 8
S 9	7 25 10	22°18'44	18°28	8°R 9	8° 3	3°25	7°47	21°18	3°41	7°12	20°54	11° 2	12° 0	20°51	7°50	S 9
S 10	7 29 7	23°19'37	0♎17	8° 7	9° 9	4°11	8° 0	21°17	3°39	7°14	20°52	11° 3	11°57	20°58	7°48	S 10
M11	7 33 3	24°20'30	12° 8	7°55	10°15	4°56	8°12	21°16	3°37	7°16	20°51	11° 4	11°54	21° 5	7°46	M11
T 12	7 37 0	25°21'22	24° 6	7°31	11°21	5°42	8°24	21°15	3°36	7°18	20°50	11°R 5	11°50	21°11	7°44	T 12
W13	7 40 57	26°22'13	6♏16	6°57	12°26	6°28	8°37	21°14	3°34	7°19	20°48	11° 4	11°47	21°18	7°42	W13
T 14	7 44 53	27°23'03	18°41	6°13	13°31	7°13	8°49	21°13	3°32	7°21	20°47	11° 3	11°44	21°25	7°40	T 14
F 15	7 48 50	28°23'52	1♐27	5°20	14°36	7°59	9° 2	21°13	3°30	7°23	20°46	11° 2	11°41	21°31	7°38	F 15
S 16	7 52 46	29°24'40	14°36	4°21	15°40	8°44	9°15	21°13	3°28	7°25	20°44	11° 0	11°38	21°38	7°36	S 16
S 17	7 56 43	0♒25'27	28° 9	3°15	16°44	9°30	9°28	21°12	3°26	7°27	20°43	10°59	11°35	21°45	7°35	S 17
M18	8 0 39	1°26'12	12♑ 6	2° 6	17°48	10°15	9°40	21°12	3°24	7°29	20°41	10°58	11°31	21°51	7°33	M18
T 19	8 4 36	2°26'57	26°25	0°55	18°52	11° 1	9°53	21°D12	3°22	7°31	20°40	10°57	11°28	21°58	7°32	T 19
W20	8 8 33	3°27'40	10♒59	29♑45	19°55	11°46	10° 6	21°12	3°20	7°33	20°39	10°D57	11°25	22° 5	7°30	W20
T 21	8 12 29	4°28'21	25°44	28°37	20°58	12°31	10°20	21°12	3°17	7°35	20°37	10°57	11°22	22°11	7°29	T 21
F 22	8 16 26	5°29'00	10♓32	27°32	22° 0	13°17	10°33	21°13	3°15	7°37	20°36	10°57	11°19	22°18	7°27	F 22
S 23	8 20 22	6°29'38	25°15	26°32	23° 3	14° 2	10°46	21°13	3°13	7°39	20°35	10°58	11°16	22°25	7°26	S 23
S 24	8 24 19	7°30'14	9♈48	25°38	24° 4	14°47	10°59	21°14	3°11	7°41	20°33	10°58	11°12	22°31	7°25	S 24
M25	8 28 15	8°30'48	24° 7	24°52	25° 6	15°32	11°12	21°14	3° 8	7°43	20°32	10°58	11° 9	22°38	7°24	M25
T 26	8 32 12	9°31'20	8♉ 9	24°12	26° 7	16°17	11°26	21°15	3° 6	7°45	20°31	10°R58	11° 6	22°45	7°22	T 26
W27	8 36 8	10°31'51	21°53	23°40	27° 7	17° 3	11°39	21°16	3° 4	7°47	20°29	10°D58	11° 3	22°51	7°21	W27
T 28	8 40 5	11°32'19	5♊19	23°15	28° 7	17°48	11°53	21°17	3° 1	7°49	20°28	10°58	11° 0	22°58	7°20	T 28
F 29	8 44 2	12°32'45	18°29	22°59	29° 7	18°33	12° 6	21°18	2°59	7°51	20°27	10°59	10°56	23° 5	7°20	F 29
S 30	8 47 58	13°33'10	1♋23	22°49	0♈ 6	19°18	12°20	21°19	2°57	7°53	20°26	10°59	10°53	23°11	7°19	S 30
S 31	8 51 55	14♒33'33	14♋ 3	22°D47	1♈ 5	20♓ 3	12♓33	21♉21	2♍54	7♓55	20♋24	10♒59	10♒50	23♍18	7♊18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s51	26n27	4n39	20s18	0s35	12s49	1s 0	13s22	0s56	10s25	1s13	16n23	1s57	10n53	0n48	10s 8	1s13	27n29	5n37	17s32	17s12	1n 7	17n10	4s43
S 2	22 44	27 19	3 58	19 49	0 22	12 21	0 57	13 5	0 55	10 21	1 13	16 22	1 57	10 54	0 48	10 7	1 13	27 29	5 37	17 34	17 13	1 4	17 10	4 43
S 3	22 37	26 37	3 6	19 20	0 8	11 53	0 53	12 48	0 54	10 16	1 12	16 22	1 57	10 55	0 48	10 7	1 13	27 30	5 37	17 35	17 13	1 0	17 9	4 43
M 4	22 29	24 31	2 5	18 52	0n 7	11 25	0 48	12 32	0 54	10 12	1 12	16 22	1 57	10 55	0 48	10 6	1 13	27 30	5 37	17 36	17 14	0 57	17 9	4 43
T 5	22 21	21 14	0 59	18 25	0 23	10 56	0 44	12 15	0 53	10 7	1 12	16 22	1 56	10 56	0 48	10 6	1 13	27 30	5 37	17 36	17 15	0 54	17 9	4 43
W 6	22 13	17 3	0s 8	17 59	0 39	10 28	0 40	11 58	0 52	10 3	1 12	16 22	1 56	10 56	0 48	10 5	1 13	27 31	5 37	17 36	17 16	0 51	17 8	4 42
T 7	22 4	12 14	1 15	17 35	0 56	9 59	0 36	11 40	0 51	9 58	1 12	16 22	1 56	10 57	0 48	10 4	1 13	27 31	5 37	17 36	17 17	0 47	17 8	4 42
F 8	21 55	7 2	2 17	17 13	1 14	9 30	0 31	11 23	0 51	9 54	1 12	16 21	1 56	10 58	0 48	10 4	1 13	27 31	5 37	17 36	17 18	0 44	17 8	4 42
S 9	21 45	1 39	3 13	16 53	1 31	9 1	0 26	11 6	0 50	9 49	1 12	16 21	1 55	10 58	0 48	10 3	1 13	27 32	5 37	17 35	17 19	0 41	17 8	4 42
S 10	21 35	3s47	4 0	16 36	1 49	8 32	0 22	10 48	0 49	9 44	1 11	16 21	1 55	10 59	0 48	10 2	1 13	27 32	5 38	17 35	17 20	0 38	17 7	4 42
M11	21 24	9 5	4 37	16 23	2 7	8 2	0 17	10 31	0 48	9 39	1 11	16 21	1 55	11 0	0 48	10 2	1 13	27 32	5 38	17 34	17 21	0 34	17 7	4 42
T 12	21 13	14 6	5 3	16 12	2 24	7 33	0 12	10 13	0 48	9 35	1 11	16 21	1 54	11 0	0 48	10 1	1 13	27 32	5 38	17 34	17 22	0 31	17 7	4 42
W13	21 2	18 39	5 15	16 5	2 40	7 3	0 7	9 56	0 47	9 30	1 11	16 22	1 54	11 1	0 48	10 0	1 13	27 33	5 38	17 34	17 22	0 28	17 7	4 42
T 14	20 50	22 31	5 14	16 2	2 55	6 33	0 2	9 38	0 46	9 25	1 11	16 22	1 54	11 2	0 48	10 0	1 13	27 33	5 38	17 35	17 23	0 25	17 7	4 42
F 15	20 38	25 26	4 57	16 1	3 8	6 3	0n 3	9 20	0 45	9 20	1 11	16 22	1 54	11 3	0 48	9 59	1 13	27 33	5 38	17 35	17 24	0 21	17 6	4 42
S 16	20 25	27 5	4 24	16 4	3 20	5 33	0 9	9 2	0 45	9 15	1 11	16 22	1 53	11 3	0 48	9 58	1 13	27 33	5 38	17 35	17 25	0 18	17 6	4 41
S 17	20 12	27 11	3 36	16 10	3 30	5 3	0 14	8 44	0 44	9 10	1 11	16 22	1 53	11 4	0 48	9 57	1 13	27 34	5 38	17 36	17 26	0 15	17 6	4 41
M18	19 59	25 36	2 33	16 18	3 37	4 33	0 19	8 26	0 43	9 5	1 11	16 22	1 53	11 5	0 48	9 57	1 12	27 34	5 38	17 36	17 27	0 11	17 6	4 41
T 19	19 45	22 20	1 20	16 29	3 42	4 3	0 25	8 8	0 42	9 0	1 10	16 23	1 52	11 6	0 48	9 56	1 12	27 34	5 38	17 36	17 28	0 8	17 6	4 41
W20	19 31	17 36	0n 0	16 41	3 45	3 33	0 31	7 50	0 42	8 55	1 10	16 23	1 52	11 6	0 48	9 55	1 12	27 35	5 38	17 36	17 29	0 5	17 6	4 41
T 21	19 17	11 45	1 21	16 55	3 45	3 3	0 37	7 32	0 41	8 50	1 10	16 23	1 52	11 7	0 48	9 54	1 12	27 35	5 38	17 36	17 29	0 2	17 6	4 41
F 22	19 2	5 15	2 37	17 9	3 43	2 33	0 42	7 14	0 40	8 45	1 10	16 24	1 52	11 8	0 48	9 54	1 12	27 35	5 38	17 36	17 30	0s 2	17 6	4 41
S 23	18 47	1n30	3 42	17 25	3 39	2 3	0 48	6 56	0 39	8 40	1 10	16 24	1 51	11 9	0 48	9 53	1 12	27 35	5 38	17 36	17 31	0 5	17 6	4 40
S 24	18 31	8 4	4 32	17 40	3 33	1 32	0 54	6 38	0 39	8 35	1 10	16 24	1 51	11 10	0 48	9 52	1 12	27 36	5 38	17 36	17 32	0 8	17 6	4 40
M25	18 16	14 7	5 4	17 56	3 26	1 2	1 0	6 19	0 38	8 29	1 10	16 25	1 51	11 11	0 48	9 51	1 12	27 36	5 38	17 36	17 33	0 11	17 6	4 40
T 26	18 0	19 19	5 17	18 12	3 17	0 32	1 7	6 1	0 37	8 24	1 10	16 25	1 51	11 11	0 48	9 51	1 12	27 36	5 38	17 36	17 34	0 15	17 6	4 40
W27	17 43	23 23	5 12	18 27	3 7	0 2	1 13	5 43	0 36	8 19	1 10	16 26	1 50	11 12	0 48	9 50	1 12	27 36	5 38	17 36	17 35	0 18	17 6	4 40
T 28	17 27	26 5	4 49	18 42	2 56	0n27	1 19	5 24	0 36	8 14	1 10	16 26	1 50	11 13	0 48	9 49	1 12	27 36	5 38	17 36	17 36	0 21	17 6	4 40
F 29	17 10	27 17	4 12	18 56	2 45	0 57	1 26	5 6	0 35	8 8	1 10	16 27	1 50	11 14	0 48	9 48	1 12	27 37	5 38	17 36	17 37	0 24	17 6	4 39
S 30	16 52	26 59	3 23	19 9	2 33	1 27	1 32	4 47	0 34	8 3	1 10	16 28	1 49	11 15	0 48	9 47	1 12	27 37	5 38	17 36	17 37	0 28	17 6	4 39
S 31	16s35	25n15	2n24	19s22	2n20	1n56	1n39	4s29	0s33	7s58	1s 9	16n28	1s49	11n16	0n48	9s47	1s12	27n37	5n38	17s36	17s38	0s31	17n 6	4s39

Julian Day Number = 1978924.5, Delta T = 59m54s
Ecliptic obliquity = 23°36'29, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°42'59, Lahiri = 5°49'59 Julian Calendar 1 Jan. 706 == Greg. Calendar 5 Jan. 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

FEBRUARY 706 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 55 51	15♒33'53	26♋31	22♉51	2♈ 3	20♓47	12♓47	21♉22	2°R52	7♓57	20°R23	10♒59	10♒47	23♍25	7°R17	M 1
T 2	8 59 48	16°34'12	8♌48	23° 2	3° 0	21°32	13° 1	21°24	2♍49	7°59	20♋22	11°R 0	10°44	23°31	7♊17	T 2
W 3	9 3 44	17°34'29	20°56	23°18	3°57	22°17	13°15	21°26	2°47	8° 2	20°21	11° 0	10°41	23°38	7°16	W 3
T 4	9 7 41	18°34'44	2♍57	23°41	4°54	23° 2	13°28	21°27	2°44	8° 4	20°20	10°59	10°37	23°45	7°16	T 4
F 5	9 11 37	19°34'57	14°51	24° 8	5°50	23°47	13°42	21°29	2°42	8° 6	20°18	10°58	10°34	23°52	7°15	F 5
S 6	9 15 34	20°35'09	26°42	24°40	6°45	24°31	13°56	21°31	2°39	8° 8	20°17	10°57	10°31	23°58	7°15	S 6
S 7	9 19 31	21°35'19	8♎32	25°17	7°40	25°16	14°10	21°33	2°37	8°10	20°16	10°55	10°28	24° 5	7°15	S 7
M 8	9 23 27	22°35'27	20°24	25°58	8°34	26° 1	14°24	21°36	2°34	8°12	20°15	10°54	10°25	24°12	7°14	M 8
T 9	9 27 24	23°35'33	2♏22	26°43	9°27	26°45	14°38	21°38	2°32	8°15	20°14	10°52	10°22	24°18	7°14	T 9
W10	9 31 20	24°35'38	14°30	27°31	10°20	27°30	14°52	21°40	2°29	8°17	20°13	10°51	10°18	24°25	7°D14	W10
T 11	9 35 17	25°35'41	26°52	28°23	11°12	28°14	15° 6	21°43	2°26	8°19	20°11	10°D51	10°15	24°32	7°14	T 11
F 12	9 39 13	26°35'43	9♐32	29°18	12° 4	28°59	15°20	21°45	2°24	8°21	20°10	10°52	10°12	24°38	7°14	F 12
S 13	9 43 10	27°35'43	22°35	0♒15	12°54	29°43	15°34	21°48	2°21	8°24	20° 9	10°53	10° 9	24°45	7°15	S 13
S 14	9 47 6	28°35'41	6♑ 3	1°16	13°44	0♈27	15°49	21°51	2°19	8°26	20° 8	10°54	10° 6	24°52	7°15	S 14
M15	9 51 3	29°35'38	19°58	2°19	14°33	1°12	16° 3	21°54	2°16	8°28	20° 7	10°55	10° 2	24°58	7°15	M15
T 16	9 55 0	0♓35'32	4♒19	3°24	15°21	1°56	16°17	21°57	2°13	8°30	20° 6	10°R56	9°59	25° 5	7°15	T 16
W17	9 58 56	1°35'25	19° 3	4°32	16° 8	2°40	16°31	22° 0	2°11	8°33	20° 5	10°56	9°56	25°12	7°16	W17
T 18	10 2 53	2°35'16	4♓ 4	5°42	16°55	3°24	16°46	22° 4	2° 8	8°35	20° 4	10°55	9°53	25°18	7°16	T 18
F 19	10 6 49	3°35'05	19°13	6°54	17°40	4° 8	17° 0	22° 7	2° 6	8°37	20° 3	10°53	9°50	25°25	7°17	F 19
S 20	10 10 46	4°34'51	4♈21	8° 8	18°24	4°53	17°14	22°10	2° 3	8°39	20° 2	10°49	9°47	25°32	7°18	S 20
S 21	10 14 42	5°34'35	19°17	9°23	19° 8	5°37	17°28	22°14	2° 0	8°42	20° 1	10°46	9°43	25°38	7°18	S 21
M22	10 18 39	6°34'17	3♉55	10°41	19°50	6°21	17°43	22°18	1°58	8°44	20° 1	10°43	9°40	25°45	7°19	M22
T 23	10 22 35	7°33'57	18°10	12° 0	20°31	7° 4	17°57	22°21	1°55	8°46	20° 0	10°40	9°37	25°52	7°20	T 23
W24	10 26 32	8°33'35	1♊59	13°21	21°11	7°48	18°12	22°25	1°53	8°48	19°59	10°39	9°34	25°59	7°21	W24
T 25	10 30 28	9°33'10	15°24	14°43	21°50	8°32	18°26	22°29	1°50	8°51	19°58	10°D39	9°31	26° 5	7°22	T 25
F 26	10 34 25	10°32'42	28°25	16° 7	22°28	9°16	18°40	22°33	1°47	8°53	19°57	10°40	9°28	26°12	7°23	F 26
S 27	10 38 22	11°32'13	11♋ 7	17°33	23° 4	10° 0	18°55	22°37	1°45	8°55	19°56	10°42	9°24	26°19	7°24	S 27
S 28	10 42 18	12♓31'41	23♋33	19♒ 0	23♈39	10♈44	19♓ 9	22♉41	1♍42	8♓58	19♋56	10♒43	9♒21	26♍25	7♊25	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s17	22n18	1n20	19s34	2n 8	2n26	1n45	4s10	0s33	7s52	1s 9	16n29	1s49	11n17	0n49	9s46	1s12	27n37	5n38	17s36	17s39	0s34	17n 6	4s39
T 2	15 59	18 23	0 12	19 44	1 55	2 55	1 52	3 52	0 32	7 47	1 9	16 30	1 49	11 18	0 49	9 45	1 12	27 37	5 38	17 36	17 40	0 37	17 6	4 39
W 3	15 40	13 45	0s55	19 54	1 42	3 24	1 59	3 33	0 31	7 42	1 9	16 30	1 48	11 19	0 49	9 44	1 12	27 38	5 38	17 36	17 41	0 41	17 6	4 39
T 4	15 22	8 39	1 59	20 3	1 30	3 53	2 6	3 15	0 30	7 36	1 9	16 31	1 48	11 19	0 49	9 43	1 12	27 38	5 38	17 36	17 42	0 44	17 6	4 38
F 5	15 3	3 17	2 57	20 10	1 17	4 21	2 13	2 56	0 30	7 31	1 9	16 32	1 48	11 20	0 49	9 42	1 12	27 38	5 38	17 36	17 43	0 47	17 6	4 38
S 6	14 44	2s 9	3 47	20 17	1 5	4 50	2 20	2 38	0 29	7 25	1 9	16 33	1 47	11 21	0 49	9 42	1 12	27 38	5 38	17 36	17 43	0 50	17 6	4 38
S 7	14 24	7 30	4 28	20 22	0 53	5 18	2 27	2 19	0 28	7 20	1 9	16 33	1 47	11 22	0 49	9 41	1 12	27 38	5 38	17 37	17 44	0 54	17 6	4 38
M 8	14 5	12 36	4 57	20 26	0 41	5 46	2 34	2 1	0 27	7 14	1 9	16 34	1 47	11 23	0 49	9 40	1 12	27 39	5 38	17 37	17 45	0 57	17 6	4 38
T 9	13 45	17 16	5 13	20 29	0 29	6 14	2 41	1 42	0 27	7 9	1 9	16 35	1 47	11 24	0 49	9 39	1 12	27 39	5 38	17 38	17 46	1 0	17 7	4 37
W10	13 25	21 19	5 16	20 30	0 18	6 41	2 48	1 24	0 26	7 3	1 9	16 36	1 46	11 25	0 49	9 38	1 12	27 39	5 38	17 38	17 47	1 3	17 7	4 37
T 11	13 5	24 31	5 4	20 31	0 7	7 9	2 55	1 5	0 25	6 58	1 9	16 37	1 46	11 26	0 49	9 37	1 12	27 39	5 38	17 38	17 48	1 7	17 7	4 37
F 12	12 44	26 37	4 38	20 30	0s 3	7 36	3 2	0 47	0 24	6 52	1 9	16 38	1 46	11 27	0 49	9 37	1 12	27 39	5 38	17 38	17 49	1 10	17 7	4 37
S 13	12 24	27 20	3 57	20 27	0 13	8 2	3 10	0 29	0 24	6 47	1 9	16 39	1 46	11 28	0 49	9 36	1 12	27 39	5 38	17 38	17 50	1 13	17 7	4 37
S 14	12 3	26 29	3 1	20 24	0 23	8 29	3 17	0 10	0 23	6 41	1 9	16 40	1 45	11 29	0 49	9 35	1 12	27 39	5 38	17 37	17 50	1 16	17 8	4 37
M15	11 42	23 59	1 53	20 19	0 33	8 54	3 24	0n 8	0 22	6 36	1 9	16 41	1 45	11 30	0 49	9 34	1 12	27 40	5 38	17 37	17 51	1 20	17 8	4 36
T 16	11 20	19 54	0 36	20 13	0 42	9 20	3 32	0 27	0 22	6 30	1 9	16 42	1 45	11 31	0 49	9 33	1 12	27 40	5 38	17 37	17 52	1 23	17 8	4 36
W17	10 59	14 30	0n45	20 5	0 51	9 45	3 39	0 45	0 21	6 24	1 9	16 43	1 45	11 32	0 49	9 32	1 12	27 40	5 38	17 37	17 53	1 26	17 8	4 36
T 18	10 37	8 10	2 4	19 56	0 59	10 10	3 47	1 3	0 20	6 19	1 8	16 44	1 44	11 33	0 49	9 32	1 12	27 40	5 38	17 37	17 54	1 29	17 9	4 36
F 19	10 16	1 18	3 16	19 45	1 7	10 35	3 54	1 22	0 19	6 13	1 8	16 45	1 44	11 34	0 49	9 31	1 12	27 40	5 38	17 38	17 55	1 32	17 9	4 36
S 20	9 54	5n36	4 13	19 34	1 14	10 59	4 2	1 40	0 19	6 8	1 8	16 46	1 44	11 35	0 49	9 30	1 12	27 40	5 38	17 38	17 56	1 36	17 9	4 35
S 21	9 32	12 6	4 52	19 20	1 22	11 22	4 9	1 58	0 18	6 2	1 8	16 47	1 43	11 35	0 49	9 29	1 12	27 40	5 38	17 39	17 56	1 39	17 10	4 35
M22	9 10	17 48	5 12	19 6	1 28	11 46	4 16	2 16	0 17	5 56	1 8	16 49	1 43	11 36	0 49	9 28	1 12	27 40	5 38	17 40	17 57	1 42	17 10	4 35
T 23	8 47	22 20	5 11	18 50	1 35	12 8	4 24	2 35	0 16	5 51	1 8	16 50	1 43	11 37	0 49	9 27	1 12	27 41	5 38	17 41	17 58	1 45	17 10	4 35
W24	8 25	25 29	4 53	18 32	1 41	12 30	4 31	2 53	0 16	5 45	1 8	16 51	1 43	11 38	0 49	9 26	1 12	27 41	5 38	17 41	17 59	1 49	17 10	4 35
T 25	8 3	27 5	4 18	18 13	1 46	12 52	4 39	3 11	0 15	5 39	1 8	16 52	1 42	11 39	0 49	9 26	1 12	27 41	5 38	17 41	18 0	1 52	17 11	4 34
F 26	7 40	27 7	3 31	17 53	1 51	13 13	4 46	3 29	0 14	5 33	1 8	16 53	1 42	11 40	0 49	9 25	1 12	27 41	5 38	17 41	18 1	1 55	17 11	4 34
S 27	7 17	25 43	2 35	17 31	1 56	13 34	4 54	3 47	0 14	5 28	1 8	16 55	1 42	11 41	0 49	9 24	1 12	27 41	5 38	17 41	18 2	1 58	17 12	4 34
S 28	6s54	23n 4	1n33	17s 8	2s 0	13n54	5n 1	4n 5	0s13	5s22	1s 8	16n56	1s42	11n42	0n49	9s23	1s12	27n41	5n38	17s40	18s 2	2s 2	17n12	4s34

Julian Day Number = 1978955.5, Delta T = 59m53s
Ecliptic obliquity = 23°36'29, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'03, Lahiri = 5°50'03 Julian Calendar 1 Feb. 706 == Greg. Calendar 5 Feb. 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

MARCH 706 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 46 15	13♓31'06	5♌46	20♒28	24♈13	11♈27	19♓24	22♉46	1°R40	9♓ 0	19°R55	10°R45	9♒18	26♏32	7♊26	M 1
T 2	10 50 11	14°30'30	17°50	21°58	24°45	12°11	19°38	22°50	1♏37	9° 2	19♋54	10♒44	9°15	26°39	7°28	T 2
W 3	10 54 8	15°29'51	29°47	23°30	25°15	12°54	19°53	22°55	1°35	9° 4	19°54	10°43	9°12	26°45	7°29	W 3
T 4	10 58 4	16°29'10	11♏40	25° 3	25°44	13°38	20° 7	22°59	1°32	9° 7	19°53	10°39	9° 8	26°52	7°31	T 4
F 5	11 2 1	17°28'26	23°31	26°37	26°11	14°21	20°22	23° 4	1°30	9° 9	19°52	10°34	9° 5	26°59	7°32	F 5
S 6	11 5 57	18°27'41	5♎22	28°12	26°37	15° 5	20°36	23° 8	1°27	9°11	19°52	10°27	9° 2	27° 5	7°34	S 6
S 7	11 9 54	19°26'54	17°14	29°49	27° 1	15°48	20°50	23°13	1°25	9°13	19°51	10°20	8°59	27°12	7°35	S 7
M 8	11 13 51	20°26'04	29°10	1♓28	27°23	16°31	21° 5	23°18	1°22	9°16	19°50	10°12	8°56	27°19	7°37	M 8
T 9	11 17 47	21°25'13	11♏11	3° 7	27°44	17°15	21°19	23°23	1°20	9°18	19°50	10° 6	8°53	27°25	7°39	T 9
W10	11 21 44	22°24'20	23°21	4°49	28° 2	17°58	21°34	23°28	1°18	9°20	19°49	10° 0	8°49	27°32	7°41	W10
T 11	11 25 40	23°23'25	5♐42	6°31	28°18	18°41	21°48	23°33	1°15	9°22	19°49	9°57	8°46	27°39	7°43	T 11
F 12	11 29 37	24°22'28	18°19	8°15	28°33	19°24	22° 3	23°39	1°13	9°25	19°48	9°55	8°43	27°46	7°45	F 12
S 13	11 33 33	25°21'29	1♑16	10° 1	28°45	20° 7	22°17	23°44	1°10	9°27	19°48	9°D55	8°40	27°52	7°47	S 13
S 14	11 37 30	26°20'29	14°35	11°47	28°55	20°50	22°32	23°49	1° 8	9°29	19°47	9°56	8°37	27°59	7°49	S 14
M15	11 41 26	27°19'27	28°20	13°36	29° 3	21°33	22°46	23°55	1° 6	9°31	19°47	9°57	8°33	28° 6	7°51	M15
T 16	11 45 23	28°18'23	12♒33	15°26	29° 8	22°16	23° 1	24° 0	1° 4	9°33	19°47	9°R58	8°30	28°12	7°53	T 16
W17	11 49 20	29°17'17	27°11	17°17	29°12	22°59	23°15	24° 6	1° 1	9°35	19°46	9°56	8°27	28°19	7°55	W17
T 18	11 53 16	0♈16'09	12♓11	19°10	29°R13	23°42	23°30	24°11	0°59	9°38	19°46	9°53	8°24	28°26	7°58	T 18
F 19	11 57 13	1°14'59	27°24	21° 4	29°11	24°25	23°44	24°17	0°57	9°40	19°46	9°47	8°21	28°32	8° 0	F 19
S 20	12 1 9	2°13'47	12♈42	23° 0	29° 7	25° 8	23°58	24°23	0°55	9°42	19°45	9°40	8°18	28°39	8° 3	S 20
S 21	12 5 6	3°12'33	27°52	24°57	29° 1	25°51	24°13	24°29	0°53	9°44	19°45	9°32	8°14	28°46	8° 5	S 21
M22	12 9 2	4°11'17	12♉46	26°55	28°52	26°33	24°27	24°35	0°51	9°46	19°45	9°24	8°11	28°52	8° 8	M22
T 23	12 12 59	5° 9'59	27°14	28°55	28°41	27°16	24°41	24°41	0°49	9°48	19°45	9°17	8° 8	28°59	8°10	T 23
W24	12 16 55	6° 8'38	11♊14	0♈57	28°27	27°58	24°56	24°47	0°47	9°50	19°45	9°12	8° 5	29° 6	8°13	W24
T 25	12 20 52	7° 7'16	24°45	2°59	28°11	28°41	25°10	24°53	0°45	9°52	19°44	9°10	8° 2	29°13	8°16	T 25
F 26	12 24 49	8° 5'50	7♋48	5° 3	27°52	29°23	25°24	24°59	0°43	9°55	19°44	9°D 9	7°59	29°19	8°18	F 26
S 27	12 28 45	9° 4'23	20°27	7° 8	27°31	0♉ 6	25°39	25° 5	0°41	9°57	19°44	9° 9	7°55	29°26	8°21	S 27
S 28	12 32 42	10° 2'54	2♌48	9°14	27° 8	0°48	25°53	25°12	0°39	9°59	19°44	9°R10	7°52	29°33	8°24	S 28
M29	12 36 38	11° 1'22	14°54	11°21	26°43	1°31	26° 7	25°18	0°37	10° 1	19°44	9°10	7°49	29°39	8°27	M29
T 30	12 40 35	11°59'48	26°51	13°28	26°15	2°13	26°21	25°24	0°36	10° 3	19°D44	9° 8	7°46	29°46	8°30	T 30
W31	12 44 31	12♈58'11	8♏43	15♈36	25♈46	2♉55	26♓35	25♉31	0♏34	10♓ 5	19♋44	9♒ 4	7♒43	29♏53	8♊33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s31	19n24	0n27	16s43	2s 4	14n13	5n 8	4n22	0s12	5s16	1s 8	16n57	1s41	11n43	0n49	9s22	1s12	27n41	5n38	17s40	18s 3	2s 5	17n12	4s34
T 2	6 8	14 59	0s39	16 17	2 7	14 32	5 15	4 40	0 12	5 11	1 8	16 59	1 41	11 44	0 49	9 21	1 12	27 41	5 38	17 40	18 4	2 8	17 13	4 33
W 3	5 45	10 2	1 42	15 50	2 10	14 50	5 22	4 58	0 11	5 5	1 8	17 0	1 41	11 45	0 49	9 20	1 12	27 41	5 38	17 40	18 5	2 11	17 13	4 33
T 4	5 22	4 46	2 41	15 21	2 13	15 7	5 30	5 16	0 10	4 59	1 8	17 1	1 41	11 46	0 49	9 20	1 12	27 41	5 38	17 41	18 6	2 14	17 14	4 33
F 5	4 59	0s39	3 32	14 50	2 15	15 24	5 36	5 33	0 9	4 53	1 8	17 3	1 41	11 46	0 49	9 19	1 12	27 41	5 37	17 43	18 7	2 18	17 14	4 33
S 6	4 36	6 1	4 14	14 19	2 16	15 39	5 43	5 51	0 9	4 48	1 8	17 4	1 40	11 47	0 49	9 18	1 12	27 41	5 37	17 45	18 7	2 21	17 14	4 33
S 7	4 12	11 12	4 45	13 45	2 17	15 55	5 50	6 8	0 8	4 42	1 8	17 6	1 40	11 48	0 49	9 17	1 12	27 41	5 37	17 47	18 8	2 24	17 15	4 33
M 8	3 49	15 58	5 4	13 11	2 18	16 9	5 57	6 26	0 7	4 36	1 8	17 7	1 40	11 49	0 49	9 16	1 12	27 41	5 37	17 49	18 9	2 27	17 15	4 32
T 9	3 26	20 11	5 9	12 35	2 18	16 22	6 3	6 43	0 7	4 30	1 8	17 9	1 40	11 50	0 49	9 15	1 12	27 41	5 37	17 50	18 10	2 30	17 16	4 32
W10	3 2	23 35	5 1	11 57	2 18	16 35	6 9	7 0	0 6	4 25	1 8	17 10	1 39	11 51	0 49	9 15	1 13	27 41	5 37	17 52	18 11	2 34	17 16	4 32
T 11	2 39	25 59	4 39	11 18	2 17	16 46	6 15	7 17	0 5	4 19	1 8	17 12	1 39	11 52	0 49	9 14	1 13	27 41	5 37	17 53	18 12	2 37	17 17	4 32
F 12	2 15	27 7	4 3	10 38	2 16	16 57	6 21	7 34	0 5	4 13	1 8	17 13	1 39	11 52	0 48	9 13	1 13	27 41	5 37	17 53	18 12	2 40	17 17	4 32
S 13	1 51	26 50	3 14	9 56	2 14	17 7	6 27	7 52	0 4	4 8	1 8	17 15	1 39	11 53	0 48	9 12	1 13	27 41	5 37	17 53	18 13	2 43	17 18	4 32
S 14	1 28	25 0	2 13	9 13	2 12	17 15	6 32	8 8	0 3	4 2	1 8	17 16	1 39	11 54	0 48	9 11	1 13	27 41	5 37	17 53	18 14	2 46	17 18	4 31
M15	1 4	21 39	1 2	8 29	2 9	17 23	6 37	8 25	0 3	3 56	1 8	17 18	1 38	11 55	0 48	9 10	1 13	27 41	5 37	17 53	18 15	2 50	17 19	4 31
T 16	0 41	16 56	0n14	7 43	2 6	17 29	6 42	8 42	0 2	3 50	1 8	17 19	1 38	11 56	0 48	9 10	1 13	27 41	5 37	17 53	18 16	2 53	17 19	4 31
W17	0 17	11 6	1 32	6 56	2 2	17 35	6 46	8 59	0 1	3 45	1 8	17 21	1 38	11 56	0 48	9 9	1 13	27 41	5 37	17 53	18 17	2 56	17 20	4 31
T 18	0n 6	4 31	2 44	6 7	1 57	17 39	6 50	9 15	0 1	3 39	1 8	17 22	1 38	11 57	0 48	9 8	1 13	27 41	5 37	17 54	18 18	2 59	17 20	4 31
F 19	0 30	2n26	3 47	5 17	1 53	17 42	6 54	9 32	0n 0	3 33	1 8	17 24	1 37	11 58	0 48	9 7	1 13	27 41	5 37	17 55	18 18	3 2	17 21	4 31
S 20	0 54	9 14	4 33	4 26	1 47	17 43	6 57	9 48	0 1	3 27	1 8	17 26	1 37	11 59	0 48	9 6	1 13	27 41	5 36	17 57	18 19	3 6	17 21	4 30
S 21	1 17	15 27	5 0	3 34	1 41	17 44	7 0	10 4	0 1	3 22	1 9	17 27	1 37	11 59	0 48	9 6	1 13	27 41	5 36	18 0	18 20	3 9	17 22	4 30
M22	1 41	20 37	5 5	2 41	1 35	17 42	7 2	10 21	0 2	3 16	1 9	17 29	1 37	12 0	0 48	9 5	1 13	27 41	5 36	18 2	18 21	3 12	17 22	4 30
T 23	2 4	24 24	4 51	1 46	1 28	17 40	7 4	10 37	0 3	3 10	1 9	17 31	1 37	12 1	0 48	9 4	1 13	27 41	5 36	18 3	18 22	3 15	17 23	4 30
W24	2 27	26 34	4 20	0 51	1 20	17 36	7 5	10 53	0 3	3 5	1 9	17 32	1 36	12 1	0 48	9 3	1 13	27 41	5 36	18 5	18 22	3 18	17 23	4 30
T 25	2 51	27 5	3 35	0n 5	1 12	17 31	7 6	11 9	0 4	2 59	1 9	17 34	1 36	12 2	0 48	9 3	1 13	27 41	5 36	18 5	18 23	3 22	17 24	4 30
F 26	3 14	26 2	2 40	1 3	1 4	17 24	7 6	11 24	0 5	2 53	1 9	17 36	1 36	12 3	0 48	9 2	1 13	27 41	5 36	18 6	18 24	3 25	17 25	4 30
S 27	3 37	23 40	1 38	2 0	0 55	17 15	7 5	11 40	0 5	2 48	1 9	17 37	1 36	12 3	0 48	9 1	1 13	27 41	5 36	18 6	18 25	3 28	17 25	4 29
S 28	4 0	20 13	0 34	2 59	0 46	17 5	7 4	11 56	0 6	2 42	1 9	17 39	1 36	12 4	0 48	9 0	1 13	27 41	5 36	18 5	18 26	3 31	17 26	4 29
M29	4 23	15 59	0s31	3 58	0 36	16 54	7 1	12 11	0 7	2 36	1 9	17 41	1 36	12 5	0 48	9 0	1 13	27 41	5 36	18 5	18 27	3 34	17 26	4 29
T 30	4 46	11 12	1 33	4 57	0 26	16 41	6 59	12 26	0 7	2 31	1 9	17 42	1 35	12 5	0 48	8 59	1 13	27 41	5 36	18 6	18 27	3 38	17 27	4 29
W31	5n 9	6n 2	2s31	5n56	0s16	16n27	6n55	12n42	0n 8	2s25	1s 9	17n44	1s35	12n 6	0n48	8s58	1s13	27n41	5n36	18s 7	18s28	3s41	17n28	4s29

Julian Day Number = 1978983.5, Delta T = 59m52s
Ecliptic obliquity = 23°36'29, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'07, Lahiri = 5°50'07 Julian Calendar 1 March 706 == Greg. Calendar 5 March 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

APRIL 706 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 48 28	13♈56'33	20♍32	17♈44	25°R15	3♉37	26♓50	25♉37	0°R32	10♓ 7	19♋44	8°R58	7♒39	29♍59	8♊36	T 1
F 2	12 52 24	14°54'53	2♎22	19°52	24♈42	4°20	27° 4	25°44	0♍31	10° 9	19°44	8♒48	7°36	0♎ 6	8°39	F 2
S 3	12 56 21	15°53'10	14°15	22° 0	24° 8	5° 2	27°18	25°51	0°29	10°10	19°44	8°37	7°33	0°13	8°43	S 3
S 4	13 0 17	16°51'26	26°12	24° 7	23°32	5°44	27°32	25°57	0°27	10°12	19°44	8°25	7°30	0°19	8°46	S 4
M 5	13 4 14	17°49'40	8♏14	26°14	22°56	6°26	27°46	26° 4	0°26	10°14	19°45	8°12	7°27	0°26	8°49	M 5
T 6	13 8 11	18°47'53	20°24	28°19	22°19	7° 8	28° 0	26°11	0°24	10°16	19°45	8° 0	7°24	0°33	8°53	T 6
W 7	13 12 7	19°46'04	2♐42	0♉22	21°41	7°50	28°14	26°18	0°23	10°18	19°45	7°51	7°20	0°40	8°56	W 7
T 8	13 16 4	20°44'13	15°10	2°24	21° 3	8°32	28°28	26°24	0°22	10°20	19°45	7°43	7°17	0°46	8°59	T 8
F 9	13 20 0	21°42'20	27°51	4°24	20°25	9°13	28°42	26°31	0°20	10°22	19°45	7°39	7°14	0°53	9° 3	F 9
S 10	13 23 57	22°40'27	10♑47	6°21	19°47	9°55	28°55	26°38	0°19	10°24	19°46	7°36	7°11	1° 0	9° 6	S 10
S 11	13 27 53	23°38'31	24° 2	8°16	19°10	10°37	29° 9	26°45	0°18	10°25	19°46	7°D36	7° 8	1° 6	9°10	S 11
M12	13 31 50	24°36'35	7♒39	10° 8	18°33	11°19	29°23	26°52	0°17	10°27	19°46	7°R36	7° 5	1°13	9°13	M12
T 13	13 35 46	25°34'36	21°40	11°57	17°58	12° 0	29°37	27° 0	0°15	10°29	19°47	7°36	7° 1	1°20	9°17	T 13
W14	13 39 43	26°32'37	6♓ 4	13°43	17°23	12°42	29°50	27° 7	0°14	10°31	19°47	7°33	6°58	1°26	9°21	W14
T 15	13 43 40	27°30'36	20°50	15°26	16°50	13°24	0♈ 4	27°14	0°13	10°32	19°48	7°28	6°55	1°33	9°25	T 15
F 16	13 47 36	28°28'33	5♈52	17° 5	16°19	14° 5	0°18	27°21	0°12	10°34	19°48	7°21	6°52	1°40	9°28	F 16
S 17	13 51 33	29°26'29	21° 2	18°40	15°49	14°47	0°31	27°28	0°11	10°36	19°48	7°11	6°49	1°46	9°32	S 17
S 18	13 55 29	0♉24'24	6♉ 9	20°12	15°21	15°28	0°45	27°36	0°10	10°37	19°49	7° 0	6°45	1°53	9°36	S 18
M19	13 59 26	1°22'17	21° 4	21°40	14°55	16° 9	0°58	27°43	0°10	10°39	19°49	6°49	6°42	2° 0	9°40	M19
T 20	14 3 22	2°20'08	5♊37	23° 5	14°32	16°51	1°11	27°50	0° 9	10°40	19°50	6°40	6°39	2° 7	9°44	T 20
W21	14 7 19	3°17'58	19°43	24°26	14°10	17°32	1°25	27°58	0° 8	10°42	19°51	6°32	6°36	2°13	9°48	W21
T 22	14 11 15	4°15'46	3♋19	25°43	13°51	18°13	1°38	28° 5	0° 7	10°43	19°51	6°27	6°33	2°20	9°52	T 22
F 23	14 15 12	5°13'32	16°27	26°55	13°34	18°55	1°51	28°13	0° 7	10°45	19°52	6°25	6°30	2°27	9°56	F 23
S 24	14 19 9	6°11'16	29° 9	28° 4	13°19	19°36	2° 4	28°20	0° 6	10°46	19°52	6°24	6°26	2°33	10° 0	S 24
S 25	14 23 5	7° 8'59	11♌31	29° 9	13° 7	20°17	2°17	28°28	0° 5	10°48	19°53	6°24	6°23	2°40	10° 4	S 25
M26	14 27 2	8° 6'40	23°37	0♊10	12°57	20°58	2°31	28°35	0° 5	10°49	19°54	6°24	6°20	2°47	10° 8	M26
T 27	14 30 58	9° 4'20	5♍33	1° 7	12°49	21°39	2°44	28°43	0° 5	10°51	19°54	6°22	6°17	2°53	10°12	T 27
W28	14 34 55	10° 1'57	17°24	1°59	12°44	22°20	2°56	28°50	0° 4	10°52	19°55	6°17	6°14	3° 0	10°16	W28
T 29	14 38 51	10°59'33	29°13	2°47	12°42	23° 1	3° 9	28°58	0° 4	10°54	19°56	6°10	6°10	3° 7	10°20	T 29
F 30	14 42 48	11♉57'08	11♎ 5	3♊31	12°D41	23♉42	3♈22	29♉ 6	0♍ 4	10♓55	19♋57	6♒ 1	6♒ 7	3♎14	10♊25	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n32	0n41	3s22	6n56	0s 5	16n11	6n51	12n57	0n 8	2s19	1s 9	17n46	1s35	12n 6	0n48	8s57	1s13	27n41	5n36	18s 9	18s29	3s44	17n28	4s29
F 2	5 55	4s40	4 4	7 54	0n 5	15 54	6 45	13 12	0 9	2 14	1 9	17 48	1 35	12 7	0 48	8 57	1 13	27 40	5 35	18 11	18 30	3 47	17 29	4 29
S 3	6 18	9 53	4 35	8 53	0 16	15 36	6 39	13 26	0 10	2 8	1 9	17 49	1 35	12 8	0 48	8 56	1 13	27 40	5 35	18 14	18 31	3 50	17 29	4 28
S 4	6 40	14 45	4 55	9 50	0 27	15 16	6 33	13 41	0 10	2 3	1 9	17 51	1 34	12 8	0 48	8 55	1 13	27 40	5 35	18 17	18 32	3 53	17 30	4 28
M 5	7 3	19 6	5 2	10 47	0 38	14 55	6 25	13 56	0 11	1 57	1 9	17 53	1 34	12 9	0 48	8 55	1 13	27 40	5 35	18 21	18 32	3 57	17 31	4 28
T 6	7 25	22 42	4 55	11 42	0 49	14 34	6 17	14 10	0 12	1 52	1 9	17 55	1 34	12 9	0 48	8 54	1 13	27 40	5 35	18 24	18 33	4 0	17 31	4 28
W 7	7 47	25 19	4 34	12 36	0 59	14 11	6 8	14 25	0 12	1 46	1 9	17 56	1 34	12 10	0 48	8 53	1 13	27 40	5 35	18 26	18 34	4 3	17 32	4 28
T 8	8 9	26 45	4 0	13 29	1 9	13 47	5 58	14 39	0 13	1 41	1 9	17 58	1 34	12 10	0 48	8 53	1 13	27 40	5 35	18 28	18 35	4 6	17 32	4 28
F 9	8 31	26 49	3 14	14 19	1 19	13 23	5 48	14 53	0 13	1 35	1 10	18 0	1 34	12 10	0 48	8 52	1 13	27 40	5 35	18 29	18 36	4 9	17 33	4 28
S 10	8 53	25 27	2 17	15 8	1 29	12 59	5 37	15 7	0 14	1 30	1 10	18 2	1 33	12 11	0 48	8 51	1 13	27 40	5 35	18 30	18 36	4 12	17 34	4 28
S 11	9 14	22 37	1 11	15 54	1 38	12 33	5 25	15 21	0 15	1 24	1 10	18 3	1 33	12 11	0 48	8 51	1 13	27 39	5 35	18 30	18 37	4 16	17 34	4 28
M12	9 36	18 29	0n 0	16 39	1 46	12 8	5 13	15 34	0 15	1 19	1 10	18 5	1 33	12 12	0 48	8 50	1 13	27 39	5 35	18 30	18 38	4 19	17 35	4 28
T 13	9 57	13 13	1 14	17 20	1 54	11 43	5 0	15 48	0 16	1 13	1 10	18 7	1 33	12 12	0 48	8 49	1 13	27 39	5 35	18 30	18 39	4 22	17 36	4 27
W14	10 19	7 7	2 24	18 0	2 2	11 18	4 47	16 1	0 16	1 8	1 10	18 9	1 33	12 12	0 48	8 49	1 13	27 39	5 35	18 31	18 40	4 25	17 36	4 27
T 15	10 40	0 29	3 27	18 37	2 8	10 52	4 34	16 14	0 17	1 3	1 10	18 10	1 33	12 13	0 48	8 48	1 14	27 39	5 34	18 32	18 40	4 28	17 37	4 27
F 16	11 0	6n16	4 17	19 12	2 14	10 28	4 20	16 27	0 18	0 57	1 10	18 12	1 33	12 13	0 48	8 47	1 14	27 39	5 34	18 34	18 41	4 31	17 37	4 27
S 17	11 21	12 43	4 49	19 44	2 19	10 3	4 7	16 40	0 18	0 52	1 10	18 14	1 32	12 13	0 47	8 47	1 14	27 39	5 34	18 36	18 42	4 34	17 38	4 27
S 18	11 42	18 23	5 0	20 13	2 23	9 39	3 53	16 53	0 19	0 47	1 10	18 16	1 32	12 14	0 47	8 46	1 14	27 38	5 34	18 39	18 43	4 38	17 39	4 27
M19	12 2	22 50	4 51	20 40	2 27	9 16	3 38	17 6	0 19	0 41	1 10	18 18	1 32	12 14	0 47	8 46	1 14	27 38	5 34	18 42	18 44	4 41	17 39	4 27
T 20	12 22	25 43	4 23	21 5	2 30	8 54	3 24	17 18	0 20	0 36	1 10	18 19	1 32	12 14	0 47	8 45	1 14	27 38	5 34	18 44	18 44	4 44	17 40	4 27
W21	12 42	26 52	3 40	21 27	2 31	8 32	3 10	17 31	0 20	0 31	1 11	18 21	1 32	12 14	0 47	8 45	1 14	27 38	5 34	18 46	18 45	4 47	17 41	4 27
T 22	13 2	26 19	2 45	21 47	2 32	8 12	2 56	17 43	0 21	0 26	1 11	18 23	1 32	12 15	0 47	8 44	1 14	27 38	5 34	18 47	18 46	4 50	17 41	4 27
F 23	13 21	24 18	1 43	22 4	2 32	7 52	2 42	17 55	0 22	0 20	1 11	18 25	1 32	12 15	0 47	8 43	1 14	27 38	5 34	18 48	18 47	4 53	17 42	4 27
S 24	13 41	21 6	0 38	22 20	2 31	7 33	2 28	18 7	0 22	0 15	1 11	18 27	1 31	12 15	0 47	8 43	1 14	27 37	5 34	18 48	18 48	4 56	17 42	4 27
S 25	14 0	17 1	0s27	22 32	2 29	7 16	2 14	18 18	0 23	0 10	1 11	18 28	1 31	12 15	0 47	8 42	1 14	27 37	5 34	18 48	18 48	5 0	17 43	4 27
M26	14 19	12 20	1 30	22 43	2 27	6 59	2 0	18 30	0 23	0 5	1 11	18 30	1 31	12 15	0 47	8 42	1 14	27 37	5 34	18 48	18 49	5 3	17 44	4 27
T 27	14 37	7 15	2 28	22 51	2 23	6 44	1 47	18 41	0 24	0n 0	1 11	18 32	1 31	12 15	0 47	8 41	1 14	27 37	5 34	18 49	18 50	5 6	17 44	4 27
W28	14 56	1 58	3 18	22 58	2 18	6 30	1 34	18 52	0 24	0 5	1 11	18 34	1 31	12 16	0 47	8 41	1 14	27 37	5 33	18 50	18 51	5 9	17 45	4 27
T 29	15 14	3s22	4 1	23 2	2 13	6 17	1 21	19 4	0 25	0 10	1 11	18 35	1 31	12 16	0 47	8 40	1 14	27 37	5 33	18 52	18 52	5 12	17 46	4 27
F 30	15n32	8s35	4s33	23n 4	2n 6	6n 5	1n 8	19n14	0n25	0n15	1s12	18n37	1s31	12n16	0n47	8s40	1s14	27n36	5n33	18s54	18s52	5s15	17n46	4s27

Julian Day Number = 1979014.5, Delta T = 59m52s
Ecliptic obliquity = 23°36'29, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'11, Lahiri = 5°50'11 Julian Calendar 1 Apr. 706 == Greg. Calendar 5 Apr. 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

MAY 706 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 46 44	12♉54'42	23♎ 2	4♊10	12♈43	24♉23	3♈35	29♉13	0°R 3	10♓56	19♋58	5°R49	6♒ 4	3♎20	10♊29	S 1
S 2	14 50 41	13°52'14	5♏ 6	4°44	12°48	25° 4	3°48	29°21	0♍ 3	10°57	19°58	5♒36	6° 1	3°27	10°33	S 2
M 3	14 54 38	14°49'44	17°19	5°15	12°54	25°45	4° 0	29°29	0° 3	10°59	19°59	5°22	5°58	3°34	10°37	M 3
T 4	14 58 34	15°47'14	29°41	5°40	13° 3	26°26	4°13	29°36	0° 3	11° 0	20° 0	5°10	5°55	3°40	10°42	T 4
W 5	15 2 31	16°44'43	12♐13	6° 1	13°14	27° 6	4°25	29°44	0°D 3	11° 1	20° 1	4°59	5°51	3°47	10°46	W 5
T 6	15 6 27	17°42'10	24°55	6°17	13°27	27°47	4°37	29°52	0° 3	11° 2	20° 2	4°51	5°48	3°54	10°51	T 6
F 7	15 10 24	18°39'37	7♑48	6°29	13°42	28°28	4°50	29°59	0° 3	11° 3	20° 3	4°46	5°45	4° 1	10°55	F 7
S 8	15 14 20	19°37'03	20°54	6°35	13°59	29° 8	5° 2	0♊ 7	0° 3	11° 4	20° 4	4°44	5°42	4° 7	10°59	S 8
S 9	15 18 17	20°34'28	4♒14	6°R37	14°18	29°49	5°14	0°15	0° 3	11° 6	20° 5	4°D43	5°39	4°14	11° 4	S 9
M10	15 22 13	21°31'52	17°51	6°35	14°38	0♊29	5°26	0°23	0° 4	11° 7	20° 6	4°R43	5°36	4°21	11° 8	M10
T 11	15 26 10	22°29'16	1♓45	6°28	15° 1	1°10	5°38	0°31	0° 4	11° 8	20° 7	4°43	5°32	4°27	11°13	T 11
W12	15 30 7	23°26'39	15°57	6°17	15°25	1°50	5°50	0°39	0° 4	11° 9	20° 8	4°41	5°29	4°34	11°17	W12
T 13	15 34 3	24°24'01	0♈26	6° 2	15°51	2°31	6° 2	0°46	0° 5	11°10	20° 9	4°37	5°26	4°41	11°22	T 13
F 14	15 38 0	25°21'23	15° 8	5°43	16°18	3°11	6°14	0°54	0° 5	11°10	20°10	4°31	5°23	4°47	11°26	F 14
S 15	15 41 56	26°18'44	29°58	5°21	16°47	3°52	6°26	1° 2	0° 6	11°11	20°11	4°22	5°20	4°54	11°31	S 15
S 16	15 45 53	27°16'04	14♉47	4°56	17°17	4°32	6°37	1°10	0° 6	11°12	20°12	4°12	5°16	5° 1	11°35	S 16
M17	15 49 49	28°13'24	29°27	4°28	17°49	5°12	6°49	1°18	0° 7	11°13	20°14	4° 3	5°13	5° 8	11°40	M17
T 18	15 53 46	29°10'43	13♊50	3°57	18°22	5°52	7° 0	1°26	0° 7	11°14	20°15	3°54	5°10	5°14	11°45	T 18
W19	15 57 42	0♊ 8'01	27°51	3°26	18°57	6°33	7°11	1°34	0° 8	11°15	20°16	3°47	5° 7	5°21	11°49	W19
T 20	16 1 39	1° 5'18	11♋26	2°52	19°32	7°13	7°23	1°41	0° 9	11°15	20°17	3°43	5° 4	5°28	11°54	T 20
F 21	16 5 36	2° 2'35	24°35	2°19	20° 9	7°53	7°34	1°49	0°10	11°16	20°18	3°40	5° 1	5°34	11°58	F 21
S 22	16 9 32	2°59'50	7♌19	1°45	20°47	8°33	7°45	1°57	0°11	11°17	20°20	3°D40	4°57	5°41	12° 3	S 22
S 23	16 13 29	3°57'05	19°44	1°12	21°26	9°13	7°56	2° 5	0°12	11°17	20°21	3°41	4°54	5°48	12° 8	S 23
M24	16 17 25	4°54'18	1♍52	0°40	22° 6	9°53	8° 7	2°13	0°13	11°18	20°22	3°R41	4°51	5°54	12°12	M24
T 25	16 21 22	5°51'31	13°50	0°10	22°48	10°33	8°17	2°21	0°14	11°19	20°24	3°41	4°48	6° 1	12°17	T 25
W26	16 25 18	6°48'43	25°42	29♉41	23°30	11°13	8°28	2°29	0°15	11°19	20°25	3°39	4°45	6° 8	12°22	W26
T 27	16 29 15	7°45'55	7♎33	29°16	24°13	11°53	8°39	2°36	0°16	11°20	20°26	3°35	4°42	6°15	12°26	T 27
F 28	16 33 11	8°43'05	19°28	28°53	24°57	12°33	8°49	2°44	0°17	11°20	20°28	3°29	4°38	6°21	12°31	F 28
S 29	16 37 8	9°40'15	1♏30	28°35	25°42	13°13	8°59	2°52	0°18	11°21	20°29	3°21	4°35	6°28	12°36	S 29
S 30	16 41 5	10°37'25	13°42	28°19	26°28	13°53	9°10	3° 0	0°19	11°21	20°30	3°12	4°32	6°35	12°41	S 30
M31	16 45 1	11♊34'34	26♏ 5	28♉ 8	27♈14	14♊33	9♈20	3♊ 8	0♍21	11♓21	20♋32	3♒ 2	4♒29	6♎41	12♊45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n49	13s32	4s53	23n 4	1n59	5n55	0n56	19n25	0n26	0n20	1s12	18n39	1s31	12n16	0n47	8s40	1s14	27n36	5n33	18s57	18s53	5s18	17n47	4s27
S 2	16 7	18 1	5 0	23 2	1 50	5 46	0 44	19 36	0 26	0 25	1 12	18 41	1 31	12 16	0 47	8 39	1 14	27 36	5 33	19 0	18 54	5 21	17 47	4 27
M 3	16 24	21 48	4 54	22 58	1 41	5 37	0 32	19 46	0 27	0 30	1 12	18 43	1 30	12 16	0 47	8 39	1 14	27 36	5 33	19 4	18 55	5 25	17 48	4 27
T 4	16 41	24 40	4 33	22 53	1 30	5 30	0 21	19 56	0 28	0 35	1 12	18 44	1 30	12 16	0 47	8 38	1 14	27 36	5 33	19 7	18 56	5 28	17 49	4 27
W 5	16 57	26 23	4 0	22 46	1 19	5 25	0 10	20 6	0 28	0 40	1 12	18 46	1 30	12 16	0 47	8 38	1 14	27 35	5 33	19 9	18 56	5 31	17 49	4 27
T 6	17 14	26 44	3 14	22 36	1 7	5 20	0s 1	20 16	0 29	0 45	1 12	18 48	1 30	12 16	0 47	8 37	1 14	27 35	5 33	19 11	18 57	5 34	17 50	4 27
F 7	17 30	25 40	2 17	22 26	0 54	5 16	0 11	20 26	0 29	0 49	1 12	18 50	1 30	12 16	0 47	8 37	1 14	27 35	5 33	19 12	18 58	5 37	17 50	4 27
S 8	17 46	23 10	1 13	22 13	0 40	5 14	0 21	20 35	0 30	0 54	1 13	18 51	1 30	12 16	0 47	8 37	1 15	27 35	5 33	19 13	18 59	5 40	17 51	4 27
S 9	18 1	19 22	0 3	21 59	0 26	5 12	0 31	20 45	0 30	0 59	1 13	18 53	1 30	12 15	0 47	8 36	1 15	27 35	5 33	19 13	19 0	5 43	17 52	4 27
M10	18 16	14 30	1n 9	21 44	0 10	5 12	0 40	20 54	0 31	1 4	1 13	18 55	1 30	12 15	0 47	8 36	1 15	27 34	5 33	19 13	19 0	5 46	17 52	4 27
T 11	18 31	8 47	2 18	21 27	0s 6	5 12	0 49	21 3	0 31	1 8	1 13	18 56	1 30	12 15	0 47	8 36	1 15	27 34	5 33	19 13	19 1	5 49	17 53	4 27
W12	18 46	2 30	3 20	21 9	0 22	5 14	0 58	21 12	0 32	1 13	1 13	18 58	1 30	12 15	0 46	8 35	1 15	27 34	5 33	19 14	19 2	5 53	17 53	4 27
T 13	19 0	4n 0	4 11	20 50	0 39	5 16	1 6	21 20	0 32	1 18	1 13	19 0	1 29	12 15	0 46	8 35	1 15	27 34	5 33	19 15	19 3	5 56	17 54	4 27
F 14	19 14	10 23	4 45	20 30	0 56	5 19	1 14	21 29	0 33	1 22	1 13	19 2	1 29	12 15	0 46	8 35	1 15	27 34	5 33	19 16	19 3	5 59	17 54	4 27
S 15	19 28	16 14	5 1	20 9	1 13	5 23	1 22	21 37	0 33	1 27	1 14	19 3	1 29	12 14	0 46	8 34	1 15	27 33	5 32	19 18	19 4	6 2	17 55	4 27
S 16	19 41	21 7	4 57	19 48	1 30	5 28	1 29	21 45	0 34	1 31	1 14	19 5	1 29	12 14	0 46	8 34	1 15	27 33	5 32	19 20	19 5	6 5	17 56	4 27
M17	19 54	24 37	4 34	19 26	1 47	5 34	1 36	21 53	0 34	1 36	1 14	19 7	1 29	12 14	0 46	8 34	1 15	27 33	5 32	19 23	19 6	6 8	17 56	4 27
T 18	20 7	26 28	3 53	19 4	2 4	5 40	1 43	22 0	0 35	1 40	1 14	19 8	1 29	12 14	0 46	8 33	1 15	27 33	5 32	19 25	19 7	6 11	17 57	4 27
W19	20 19	26 34	2 59	18 42	2 20	5 47	1 49	22 8	0 35	1 44	1 14	19 10	1 29	12 13	0 46	8 33	1 15	27 32	5 32	19 27	19 7	6 14	17 57	4 27
T 20	20 31	25 2	1 56	18 20	2 36	5 55	1 55	22 15	0 36	1 49	1 14	19 12	1 29	12 13	0 46	8 33	1 15	27 32	5 32	19 28	19 8	6 17	17 58	4 27
F 21	20 43	22 9	0 48	17 59	2 51	6 4	2 1	22 22	0 36	1 53	1 15	19 13	1 29	12 13	0 46	8 33	1 15	27 32	5 32	19 28	19 9	6 20	17 58	4 27
S 22	20 54	18 15	0s20	17 38	3 5	6 13	2 7	22 29	0 37	1 57	1 15	19 15	1 29	12 12	0 46	8 33	1 15	27 32	5 32	19 28	19 10	6 23	17 59	4 27
S 23	21 5	13 40	1 25	17 19	3 18	6 23	2 12	22 36	0 37	2 1	1 15	19 17	1 29	12 12	0 46	8 32	1 15	27 31	5 32	19 28	19 10	6 26	17 59	4 27
M24	21 16	8 38	2 25	17 1	3 30	6 33	2 17	22 43	0 38	2 5	1 15	19 18	1 29	12 12	0 46	8 32	1 15	27 31	5 32	19 28	19 11	6 30	18 0	4 27
T 25	21 26	3 22	3 18	16 44	3 41	6 44	2 22	22 49	0 38	2 10	1 15	19 20	1 29	12 11	0 46	8 32	1 15	27 31	5 32	19 28	19 12	6 33	18 0	4 27
W26	21 36	1s58	4 2	16 29	3 50	6 55	2 26	22 55	0 39	2 14	1 15	19 21	1 29	12 11	0 46	8 32	1 15	27 31	5 32	19 28	19 13	6 36	18 1	4 27
T 27	21 45	7 13	4 35	16 15	3 58	7 7	2 31	23 1	0 39	2 18	1 16	19 23	1 28	12 10	0 46	8 32	1 15	27 30	5 32	19 29	19 13	6 39	18 1	4 28
F 28	21 55	12 14	4 57	16 4	4 5	7 20	2 35	23 7	0 40	2 22	1 16	19 25	1 28	12 10	0 46	8 32	1 15	27 30	5 32	19 31	19 14	6 42	18 2	4 28
S 29	22 3	16 50	5 5	15 55	4 10	7 32	2 39	23 12	0 40	2 26	1 16	19 26	1 28	12 9	0 46	8 31	1 16	27 30	5 32	19 33	19 15	6 45	18 2	4 28
S 30	22 12	20 50	5 0	15 47	4 14	7 46	2 42	23 18	0 40	2 29	1 16	19 28	1 28	12 9	0 46	8 31	1 16	27 30	5 32	19 35	19 16	6 48	18 3	4 28
M31	22n20	23s58	4s42	15n42	4s17	7n59	2s46	23n23	0n41	2n33	1s16	19n29	1s28	12n 8	0n46	8s31	1s16	27n29	5n32	19s37	19s17	6s51	18n 3	4s28

Julian Day Number = 1979044.5, Delta T = 59m51s
Ecliptic obliquity = 23°36'28, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'15, Lahiri = 5°50'16 Julian Calendar 1 May 706 == Greg. Calendar 5 May 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

JUNE 706 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 48 58	12♊31'43	8♐41	28°R 2	28♈ 2	15♊12	9♈30	3♊16	0♍22	11♓22	20♋33	2°R54	4♒26	6♎48	12♊50	T 1
W 2	16 52 54	13°28'51	21°30	28°D 0	28°50	15°52	9°40	3°23	0°24	11°22	20°35	2♒46	4°22	6°55	12°55	W 2
T 3	16 56 51	14°26'00	4♑32	28♉ 2	29°39	16°32	9°50	3°31	0°25	11°22	20°36	2°41	4°19	7° 2	12°59	T 3
F 4	17 0 47	15°23'08	17°45	28° 9	0♉28	17°11	9°59	3°39	0°27	11°23	20°38	2°38	4°16	7° 8	13° 4	F 4
S 5	17 4 44	16°20'16	1♒10	28°21	1°19	17°51	10° 9	3°47	0°28	11°23	20°39	2°D37	4°13	7°15	13° 9	S 5
S 6	17 8 41	17°17'24	14°46	28°38	2°10	18°31	10°18	3°55	0°30	11°23	20°41	2°38	4°10	7°22	13°13	S 6
M 7	17 12 37	18°14'32	28°33	29° 0	3° 1	19°10	10°28	4° 2	0°32	11°23	20°42	2°39	4° 7	7°28	13°18	M 7
T 8	17 16 34	19°11'41	12♓31	29°26	3°53	19°50	10°37	4°10	0°33	11°23	20°44	2°R40	4° 3	7°35	13°23	T 8
W 9	17 20 30	20° 8'49	26°39	29°58	4°46	20°29	10°46	4°18	0°35	11°23	20°45	2°40	4° 0	7°42	13°28	W 9
T 10	17 24 27	21° 5'58	10♈56	0♊34	5°39	21° 9	10°55	4°25	0°37	11°23	20°47	2°38	3°57	7°49	13°32	T 10
F 11	17 28 23	22° 3'07	25°19	1°15	6°33	21°48	11° 4	4°33	0°39	11°R23	20°48	2°35	3°54	7°55	13°37	F 11
S 12	17 32 20	23° 0'17	9♉45	2° 0	7°28	22°28	11°12	4°41	0°41	11°23	20°50	2°30	3°51	8° 2	13°42	S 12
S 13	17 36 16	23°57'27	24° 7	2°51	8°23	23° 7	11°21	4°48	0°43	11°23	20°51	2°25	3°48	8° 9	13°46	S 13
M14	17 40 13	24°54'37	8♊22	3°45	9°18	23°46	11°29	4°56	0°45	11°23	20°53	2°19	3°44	8°15	13°51	M14
T 15	17 44 10	25°51'48	22°24	4°45	10°14	24°26	11°38	5° 3	0°47	11°23	20°55	2°14	3°41	8°22	13°56	T 15
W16	17 48 6	26°48'58	6♋ 7	5°48	11°10	25° 5	11°46	5°11	0°49	11°23	20°56	2°10	3°38	8°29	14° 0	W16
T 17	17 52 3	27°46'09	19°31	6°56	12° 7	25°44	11°54	5°18	0°51	11°23	20°58	2° 8	3°35	8°36	14° 5	T 17
F 18	17 55 59	28°43'20	2♌34	8° 9	13° 4	26°24	12° 2	5°26	0°53	11°23	21° 0	2°D 7	3°32	8°42	14° 9	F 18
S 19	17 59 56	29°40'31	15°16	9°25	14° 2	27° 3	12°10	5°33	0°55	11°23	21° 1	2° 8	3°28	8°49	14°14	S 19
S 20	18 3 52	0♋37'42	27°40	10°46	15° 0	27°42	12°17	5°41	0°58	11°22	21° 3	2° 9	3°25	8°56	14°19	S 20
M21	18 7 49	1°34'53	9♍49	12°11	15°59	28°21	12°25	5°48	1° 0	11°22	21° 4	2°11	3°22	9° 2	14°23	M21
T 22	18 11 45	2°32'05	21°49	13°40	16°57	29° 0	12°32	5°55	1° 2	11°22	21° 6	2°12	3°19	9° 9	14°28	T 22
W23	18 15 42	3°29'16	3♎42	15°13	17°57	29°40	12°39	6° 3	1° 5	11°21	21° 8	2°R12	3°16	9°16	14°32	W23
T 24	18 19 39	4°26'28	15°35	16°50	18°56	0♋19	12°46	6°10	1° 7	11°21	21°10	2°12	3°13	9°22	14°37	T 24
F 25	18 23 35	5°23'39	27°32	18°30	19°56	0°58	12°53	6°17	1°10	11°20	21°11	2°10	3° 9	9°29	14°41	F 25
S 26	18 27 32	6°20'52	9♏36	20°14	20°56	1°37	13° 0	6°24	1°12	11°20	21°13	2° 7	3° 6	9°36	14°46	S 26
S 27	18 31 28	7°18'04	21°53	22° 1	21°57	2°16	13° 6	6°32	1°15	11°20	21°15	2° 4	3° 3	9°43	14°50	S 27
M28	18 35 25	8°15'17	4♐24	23°52	22°57	2°55	13°13	6°39	1°17	11°19	21°16	2° 0	3° 0	9°49	14°55	M28
T 29	18 39 21	9°12'30	17°12	25°45	23°59	3°34	13°19	6°46	1°20	11°18	21°18	1°57	2°57	9°56	14°59	T 29
W30	18 43 18	10♋ 9'44	0♑17	27♊41	25♉ 0	4♋13	13♈25	6♊53	1♍22	11♓18	21♋20	1♒54	2♒54	10♎ 3	15♊ 4	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n27	26s 0	4s 9	15n40	4s19	8n13	2s49	23n28	0n41	2n37	1s17	19n31	1s28	12n 8	0n46	8s31	1s16	27n29	5n32	19s39	19s17	6s54	18n 4	4s28
W 2	22 35	26 42	3 23	15 39	4 19	8 28	2 52	23 33	0 42	2 41	1 17	19 32	1 28	12 7	0 46	8 31	1 16	27 29	5 32	19 41	19 18	6 57	18 4	4 28
T 3	22 42	25 57	2 25	15 41	4 17	8 42	2 54	23 37	0 42	2 44	1 17	19 34	1 28	12 7	0 46	8 31	1 16	27 29	5 32	19 42	19 19	7 0	18 5	4 28
F 4	22 48	23 44	1 19	15 45	4 15	8 58	2 57	23 42	0 43	2 48	1 17	19 35	1 28	12 6	0 46	8 31	1 16	27 29	5 32	19 43	19 20	7 3	18 5	4 28
S 5	22 54	20 10	0 8	15 51	4 12	9 13	2 59	23 46	0 43	2 52	1 17	19 37	1 28	12 6	0 45	8 31	1 16	27 28	5 32	19 43	19 20	7 6	18 6	4 29
S 6	23 0	15 29	1n 5	15 59	4 7	9 28	3 1	23 50	0 44	2 55	1 18	19 38	1 28	12 5	0 45	8 31	1 16	27 28	5 32	19 43	19 21	7 9	18 6	4 29
M 7	23 5	9 56	2 16	16 9	4 2	9 44	3 3	23 54	0 44	2 59	1 18	19 40	1 28	12 4	0 45	8 31	1 16	27 28	5 32	19 42	19 22	7 12	18 6	4 29
T 8	23 10	3 51	3 19	16 21	3 55	10 0	3 5	23 57	0 44	3 2	1 18	19 41	1 28	12 4	0 45	8 31	1 16	27 28	5 32	19 42	19 23	7 15	18 7	4 29
W 9	23 14	2n30	4 11	16 34	3 48	10 17	3 6	24 1	0 45	3 6	1 18	19 43	1 28	12 3	0 45	8 31	1 16	27 27	5 32	19 42	19 23	7 18	18 7	4 29
T 10	23 18	8 46	4 48	16 50	3 40	10 33	3 8	24 4	0 45	3 9	1 18	19 44	1 28	12 2	0 45	8 31	1 16	27 27	5 32	19 43	19 24	7 21	18 8	4 29
F 11	23 22	14 37	5 7	17 7	3 31	10 50	3 9	24 7	0 46	3 12	1 19	19 46	1 28	12 2	0 45	8 31	1 16	27 27	5 32	19 43	19 25	7 24	18 8	4 30
S 12	23 25	19 41	5 7	17 25	3 22	11 7	3 10	24 10	0 46	3 15	1 19	19 47	1 28	12 1	0 45	8 31	1 16	27 27	5 32	19 44	19 26	7 28	18 9	4 30
S 13	23 28	23 35	4 48	17 45	3 11	11 23	3 11	24 12	0 47	3 19	1 19	19 48	1 28	12 0	0 45	8 31	1 16	27 26	5 32	19 46	19 26	7 31	18 9	4 30
M14	23 31	25 59	4 11	18 5	3 1	11 40	3 11	24 15	0 47	3 22	1 19	19 50	1 28	11 59	0 45	8 31	1 16	27 26	5 32	19 47	19 27	7 34	18 9	4 30
T 15	23 33	26 42	3 19	18 27	2 50	11 58	3 12	24 17	0 47	3 25	1 19	19 51	1 28	11 59	0 45	8 31	1 16	27 26	5 32	19 48	19 28	7 37	18 10	4 30
W16	23 34	25 45	2 17	18 50	2 38	12 15	3 12	24 19	0 48	3 28	1 20	19 53	1 28	11 58	0 45	8 31	1 16	27 25	5 32	19 49	19 29	7 40	18 10	4 30
T 17	23 35	23 18	1 8	19 13	2 26	12 32	3 12	24 21	0 48	3 31	1 20	19 54	1 28	11 57	0 45	8 31	1 17	27 25	5 32	19 50	19 29	7 43	18 10	4 31
F 18	23 36	19 41	0s 2	19 37	2 14	12 49	3 12	24 22	0 49	3 34	1 20	19 55	1 28	11 56	0 45	8 32	1 17	27 25	5 32	19 50	19 30	7 46	18 11	4 31
S 19	23 36	15 14	1 11	20 1	2 1	13 6	3 12	24 24	0 49	3 36	1 20	19 57	1 28	11 55	0 45	8 32	1 17	27 25	5 32	19 50	19 31	7 49	18 11	4 31
S 20	23 36	10 15	2 15	20 26	1 48	13 24	3 12	24 25	0 50	3 39	1 21	19 58	1 28	11 55	0 45	8 32	1 17	27 24	5 32	19 49	19 32	7 52	18 11	4 31
M21	23 36	4 59	3 12	20 50	1 35	13 41	3 12	24 26	0 50	3 42	1 21	19 59	1 28	11 54	0 45	8 32	1 17	27 24	5 32	19 49	19 32	7 55	18 12	4 31
T 22	23 35	0s23	3 59	21 14	1 22	13 58	3 11	24 27	0 50	3 45	1 21	20 0	1 28	11 53	0 45	8 32	1 17	27 24	5 32	19 49	19 33	7 58	18 12	4 32
W23	23 34	5 41	4 36	21 38	1 9	14 15	3 10	24 27	0 51	3 47	1 21	20 2	1 28	11 52	0 45	8 32	1 17	27 24	5 32	19 48	19 34	8 1	18 12	4 32
T 24	23 32	10 47	5 0	22 1	0 56	14 32	3 10	24 28	0 51	3 50	1 22	20 3	1 28	11 51	0 45	8 33	1 17	27 24	5 32	19 49	19 35	8 4	18 13	4 32
F 25	23 30	15 31	5 12	22 23	0 43	14 49	3 9	24 28	0 52	3 52	1 22	20 4	1 28	11 50	0 45	8 33	1 17	27 23	5 32	19 49	19 35	8 7	18 13	4 32
S 26	23 27	19 42	5 11	22 44	0 30	15 6	3 8	24 28	0 52	3 54	1 22	20 5	1 28	11 49	0 45	8 33	1 17	27 23	5 32	19 50	19 36	8 10	18 13	4 32
S 27	23 24	23 6	4 55	23 4	0 18	15 23	3 7	24 28	0 52	3 57	1 22	20 7	1 28	11 48	0 45	8 33	1 17	27 23	5 32	19 50	19 37	8 13	18 13	4 33
M28	23 21	25 31	4 25	23 22	0 6	15 39	3 5	24 27	0 53	3 59	1 23	20 8	1 28	11 47	0 45	8 33	1 17	27 23	5 32	19 51	19 38	8 16	18 14	4 33
T 29	23 17	26 39	3 41	23 39	0n 6	15 56	3 4	24 27	0 53	4 1	1 23	20 9	1 28	11 46	0 45	8 34	1 17	27 22	5 32	19 52	19 38	8 19	18 14	4 33
W30	23n13	26s21	2s45	23n53	0n18	16n12	3s 2	24n26	0n53	4n 3	1s23	20n10	1s28	11n45	0n45	8s34	1s17	27n22	5n32	19s53	19s39	8s22	18n14	4s33

Julian Day Number = 1979075.5, Delta T = 59m50s
Ecliptic obliquity = 23°36'28, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'19, Lahiri = 5°50'20 Julian Calendar 1 June 706 == Greg. Calendar 5 June 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

JULY 706 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 47 15	11♋ 6'59	13♉39	29♊40	26♉ 2	4♋52	13♈31	7♊ 0	1♍25	11°R17	21♋22	1°R52	2♒50	10♎ 9	15♊ 8	T 1
F 2	18 51 11	12° 4'14	27°16	1♋40	27° 4	5°30	13°37	7° 7	1°28	11♓17	21°23	1°D51	2°47	10°16	15°12	F 2
S 3	18 55 8	13° 1'30	11♒ 7	3°43	28° 6	6° 9	13°42	7°14	1°31	11°16	21°25	1♒51	2°44	10°23	15°17	S 3
S 4	18 59 4	13°58'47	25° 7	5°46	29° 9	6°48	13°48	7°21	1°33	11°15	21°27	1°52	2°41	10°30	15°21	S 4
M 5	19 3 1	14°56'05	9♓15	7°51	0♊12	7°27	13°53	7°27	1°36	11°15	21°28	1°53	2°38	10°36	15°25	M 5
T 6	19 6 57	15°53'24	23°28	9°56	1°15	8° 6	13°58	7°34	1°39	11°14	21°30	1°54	2°34	10°43	15°30	T 6
W 7	19 10 54	16°50'44	7♈43	12° 2	2°18	8°45	14° 3	7°41	1°42	11°13	21°32	1°55	2°31	10°50	15°34	W 7
T 8	19 14 50	17°48'05	21°57	14° 9	3°22	9°23	14° 8	7°48	1°45	11°12	21°34	1°R55	2°28	10°56	15°38	T 8
F 9	19 18 47	18°45'27	6♉ 8	16°14	4°26	10° 2	14°12	7°54	1°48	11°11	21°35	1°55	2°25	11° 3	15°42	F 9
S 10	19 22 44	19°42'51	20°13	18°20	5°30	10°41	14°17	8° 1	1°51	11°11	21°37	1°54	2°22	11°10	15°46	S 10
S 11	19 26 40	20°40'16	4♊11	20°25	6°34	11°19	14°21	8° 7	1°54	11°10	21°39	1°52	2°19	11°17	15°50	S 11
M12	19 30 37	21°37'42	17°58	22°29	7°39	11°58	14°25	8°14	1°57	11° 9	21°41	1°51	2°15	11°23	15°55	M12
T 13	19 34 33	22°35'10	1♋33	24°33	8°43	12°37	14°29	8°20	2° 0	11° 8	21°43	1°50	2°12	11°30	15°59	T 13
W14	19 38 30	23°32'39	14°53	26°35	9°48	13°15	14°33	8°27	2° 3	11° 7	21°44	1°49	2° 9	11°37	16° 3	W14
T 15	19 42 26	24°30'08	27°58	28°36	10°53	13°54	14°36	8°33	2° 7	11° 6	21°46	1°D49	2° 6	11°43	16° 7	T 15
F 16	19 46 23	25°27'39	10♌46	0♌36	11°59	14°33	14°39	8°39	2°10	11° 5	21°48	1°49	2° 3	11°50	16°11	F 16
S 17	19 50 19	26°25'11	23°20	2°34	13° 4	15°11	14°43	8°45	2°13	11° 4	21°50	1°49	2° 0	11°57	16°15	S 17
S 18	19 54 16	27°22'44	5♍39	4°32	14°10	15°50	14°45	8°52	2°16	11° 3	21°51	1°50	1°56	12° 4	16°18	S 18
M19	19 58 13	28°20'18	17°46	6°27	15°16	16°28	14°48	8°58	2°19	11° 2	21°53	1°50	1°53	12°10	16°22	M19
T 20	20 2 9	29°17'53	29°45	8°21	16°22	17° 7	14°51	9° 4	2°23	11° 1	21°55	1°50	1°50	12°17	16°26	T 20
W21	20 6 6	0♌15'29	11♎38	10°14	17°28	17°45	14°53	9°10	2°26	10°59	21°57	1°51	1°47	12°24	16°30	W21
T 22	20 10 2	1°13'06	23°31	12° 6	18°35	18°24	14°55	9°15	2°29	10°58	21°58	1°51	1°44	12°30	16°34	T 22
F 23	20 13 59	2°10'44	5♏27	13°55	19°42	19° 2	14°57	9°21	2°33	10°57	22° 0	1°51	1°40	12°37	16°37	F 23
S 24	20 17 55	3° 8'23	17°32	15°44	20°48	19°40	14°59	9°27	2°36	10°56	22° 2	1°51	1°37	12°44	16°41	S 24
S 25	20 21 52	4° 6'03	29°49	17°31	21°55	20°19	15° 1	9°33	2°40	10°55	22° 3	1°51	1°34	12°51	16°45	S 25
M26	20 25 48	5° 3'45	12♐22	19°16	23° 3	20°57	15° 2	9°38	2°43	10°53	22° 5	1°51	1°31	12°57	16°48	M26
T 27	20 29 45	6° 1'28	25°16	21° 0	24°10	21°36	15° 3	9°44	2°46	10°52	22° 7	1°52	1°28	13° 4	16°52	T 27
W28	20 33 42	6°59'12	8♑31	22°43	25°17	22°14	15° 4	9°49	2°50	10°51	22° 9	1°52	1°25	13°11	16°55	W28
T 29	20 37 38	7°56'57	22° 8	24°24	26°25	22°52	15° 5	9°55	2°53	10°49	22°10	1°52	1°21	13°18	16°59	T 29
F 30	20 41 35	8°54'44	6♒ 6	26° 4	27°33	23°30	15° 6	10° 0	2°57	10°48	22°12	1°R52	1°18	13°24	17° 2	F 30
S 31	20 45 31	9♌52'32	20♒22	27♌42	28♊41	24♋ 9	15♈ 6	10♊ 5	3♍ 0	10♓47	22♋14	1♒52	1♒15	13♎31	17♊ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	24s32	1s39	24n 5	0n29	16n28	3s 1	24n25	0n54	4n 6	1s23	20n11	1s28	11n44	0n45	8s34	1s17	27n22	5n32	19s53	19s40	8s25	18n14	4s34
F 2	23 3	21 16	0 25	24 15	0 39	16 44	2 59	24 24	0 54	4 8	1 23	20 13	1 28	11 43	0 45	8 34	1 17	27 22	5 32	19 53	19 40	8 28	18 15	4 34
S 3	22 58	16 45	0n51	24 22	0 49	17 0	2 57	24 22	0 55	4 10	1 24	20 14	1 28	11 42	0 45	8 35	1 17	27 21	5 32	19 53	19 41	8 31	18 15	4 34
S 4	22 52	11 17	2 5	24 26	0 58	17 15	2 55	24 21	0 55	4 11	1 24	20 15	1 28	11 41	0 45	8 35	1 17	27 21	5 32	19 53	19 42	8 34	18 15	4 34
M 5	22 46	5 11	3 12	24 28	1 6	17 31	2 53	24 19	0 55	4 13	1 24	20 16	1 28	11 40	0 44	8 35	1 17	27 21	5 32	19 53	19 43	8 36	18 15	4 35
T 6	22 39	1n11	4 8	24 27	1 14	17 46	2 51	24 17	0 56	4 15	1 25	20 17	1 28	11 39	0 44	8 36	1 17	27 21	5 32	19 53	19 43	8 39	18 15	4 35
W 7	22 32	7 29	4 48	24 23	1 20	18 0	2 49	24 15	0 56	4 17	1 25	20 18	1 28	11 38	0 44	8 36	1 17	27 20	5 32	19 52	19 44	8 42	18 15	4 35
T 8	22 25	13 24	5 11	24 17	1 26	18 15	2 47	24 13	0 56	4 18	1 25	20 19	1 28	11 37	0 44	8 36	1 18	27 20	5 33	19 52	19 45	8 45	18 16	4 36
F 9	22 17	18 36	5 15	24 8	1 32	18 29	2 45	24 10	0 57	4 20	1 25	20 20	1 28	11 36	0 44	8 37	1 18	27 20	5 33	19 52	19 46	8 48	18 16	4 36
S 10	22 9	22 44	5 0	23 56	1 36	18 43	2 42	24 7	0 57	4 21	1 26	20 21	1 28	11 35	0 44	8 37	1 18	27 20	5 33	19 53	19 46	8 51	18 16	4 36
S 11	22 0	25 30	4 27	23 41	1 40	18 56	2 40	24 5	0 57	4 23	1 26	20 22	1 28	11 34	0 44	8 38	1 18	27 19	5 33	19 53	19 47	8 54	18 16	4 36
M12	21 51	26 42	3 39	23 24	1 43	19 9	2 37	24 1	0 58	4 24	1 26	20 23	1 28	11 33	0 44	8 38	1 18	27 19	5 33	19 53	19 48	8 57	18 16	4 37
T 13	21 42	26 16	2 40	23 5	1 45	19 22	2 34	23 58	0 58	4 25	1 26	20 24	1 28	11 31	0 44	8 38	1 18	27 19	5 33	19 54	19 48	9 0	18 16	4 37
W14	21 32	24 18	1 32	22 44	1 46	19 35	2 32	23 55	0 59	4 27	1 27	20 25	1 28	11 30	0 44	8 39	1 18	27 19	5 33	19 54	19 49	9 3	18 16	4 37
T 15	21 22	21 4	0 21	22 20	1 47	19 47	2 29	23 51	0 59	4 28	1 27	20 26	1 28	11 29	0 44	8 39	1 18	27 19	5 33	19 54	19 50	9 6	18 16	4 38
F 16	21 12	16 52	0s49	21 55	1 47	19 58	2 26	23 47	0 59	4 29	1 27	20 27	1 28	11 28	0 44	8 40	1 18	27 18	5 33	19 54	19 51	9 9	18 17	4 38
S 17	21 1	12 0	1 56	21 27	1 47	20 10	2 23	23 43	1 0	4 30	1 27	20 28	1 28	11 27	0 44	8 40	1 18	27 18	5 33	19 54	19 51	9 12	18 17	4 38
S 18	20 50	6 46	2 57	20 58	1 46	20 21	2 20	23 39	1 0	4 31	1 28	20 29	1 28	11 26	0 44	8 40	1 18	27 18	5 33	19 54	19 52	9 15	18 17	4 39
M19	20 38	1 22	3 48	20 28	1 44	20 31	2 17	23 35	1 0	4 31	1 28	20 30	1 28	11 24	0 44	8 41	1 18	27 18	5 33	19 53	19 53	9 18	18 17	4 39
T 20	20 26	4s 0	4 29	19 56	1 42	20 41	2 14	23 30	1 1	4 32	1 28	20 31	1 28	11 23	0 44	8 41	1 18	27 18	5 33	19 53	19 53	9 21	18 17	4 39
W21	20 14	9 11	4 58	19 23	1 39	20 51	2 11	23 26	1 1	4 33	1 28	20 32	1 28	11 22	0 44	8 42	1 18	27 17	5 34	19 53	19 54	9 24	18 17	4 40
T 22	20 2	14 2	5 14	18 49	1 36	21 0	2 8	23 21	1 1	4 33	1 29	20 32	1 28	11 21	0 44	8 42	1 18	27 17	5 34	19 53	19 55	9 27	18 17	4 40
F 23	19 49	18 23	5 16	18 14	1 32	21 8	2 4	23 16	1 2	4 34	1 29	20 33	1 28	11 19	0 44	8 43	1 18	27 17	5 34	19 53	19 56	9 29	18 17	4 40
S 24	19 36	22 3	5 5	17 38	1 28	21 16	2 1	23 10	1 2	4 34	1 29	20 34	1 28	11 18	0 44	8 43	1 18	27 17	5 34	19 53	19 56	9 32	18 17	4 41
S 25	19 22	24 49	4 40	17 1	1 23	21 24	1 58	23 5	1 2	4 35	1 30	20 35	1 28	11 17	0 44	8 44	1 18	27 17	5 34	19 53	19 57	9 35	18 17	4 41
M26	19 8	26 25	4 1	16 23	1 19	21 31	1 54	22 59	1 3	4 35	1 30	20 36	1 28	11 16	0 44	8 44	1 18	27 16	5 34	19 53	19 58	9 38	18 17	4 41
T 27	18 54	26 40	3 9	15 45	1 13	21 38	1 51	22 54	1 3	4 35	1 30	20 36	1 29	11 14	0 44	8 45	1 18	27 16	5 34	19 53	19 58	9 41	18 17	4 42
W28	18 39	25 26	2 6	15 6	1 8	21 44	1 48	22 48	1 3	4 35	1 30	20 37	1 29	11 13	0 44	8 45	1 18	27 16	5 34	19 53	19 59	9 44	18 17	4 42
T 29	18 25	22 39	0 54	14 27	1 2	21 49	1 44	22 42	1 3	4 35	1 31	20 38	1 29	11 12	0 44	8 46	1 18	27 16	5 34	19 53	20 0	9 47	18 17	4 42
F 30	18 9	18 30	0n23	13 47	0 55	21 55	1 41	22 36	1 4	4 35	1 31	20 39	1 29	11 11	0 44	8 46	1 18	27 16	5 34	19 53	20 1	9 50	18 17	4 43
S 31	17n54	13s13	1n41	13n 7	0n49	21n59	1s37	22n29	1n 4	4n35	1s31	20n39	1s29	11n 9	0n44	8s47	1s18	27n15	5n35	19s53	20s 1	9s53	18n17	4s43

Julian Day Number = 1979105.5, Delta T = 59m49s
Ecliptic obliquity = 23°36'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'23, Lahiri = 5°50'24 Julian Calendar 1 July 706 == Greg. Calendar 5 July 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

AUGUST 706 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 49 28	10♌50'22	4♓50	29♌19	29♊49	24♋47	15♈ 6	10♊10	3♍ 4	10°R45	22♋15	1°R51	1♒12	13♎38	17♊ 9	S 1
M 2	20 53 24	11°48'13	19°25	0♍55	0♋57	25°25	15°R 7	10°15	3° 8	10♓44	22°17	1♒50	1° 9	13°44	17°12	M 2
T 3	20 57 21	12°46'06	4♈ 1	2°29	2° 5	26° 3	15° 6	10°20	3°11	10°43	22°19	1°49	1° 6	13°51	17°15	T 3
W 4	21 1 17	13°44'01	18°33	4° 2	3°14	26°42	15° 6	10°25	3°15	10°41	22°20	1°48	1° 2	13°58	17°18	W 4
T 5	21 5 14	14°41'58	2♉55	5°34	4°22	27°20	15° 5	10°30	3°18	10°40	22°22	1°47	0°59	14° 5	17°21	T 5
F 6	21 9 11	15°39'57	17° 4	7° 4	5°31	27°58	15° 5	10°35	3°22	10°38	22°24	1°D47	0°56	14°11	17°24	F 6
S 7	21 13 7	16°37'58	0♊59	8°33	6°40	28°36	15° 4	10°40	3°26	10°37	22°25	1°47	0°53	14°18	17°27	S 7
S 8	21 17 4	17°36'01	14°39	10° 0	7°49	29°14	15° 3	10°44	3°29	10°35	22°27	1°48	0°50	14°25	17°30	S 8
M 9	21 21 0	18°34'06	28° 3	11°27	8°59	29°53	15° 1	10°49	3°33	10°34	22°29	1°49	0°46	14°31	17°33	M 9
T 10	21 24 57	19°32'13	11♋14	12°51	10° 8	0♌31	15° 0	10°53	3°37	10°32	22°30	1°51	0°43	14°38	17°36	T 10
W11	21 28 53	20°30'22	24°10	14°15	11°17	1° 9	14°58	10°58	3°40	10°31	22°32	1°51	0°40	14°45	17°39	W11
T 12	21 32 50	21°28'32	6♌54	15°36	12°27	1°47	14°56	11° 2	3°44	10°29	22°33	1°R52	0°37	14°52	17°42	T 12
F 13	21 36 46	22°26'45	19°26	16°57	13°37	2°25	14°54	11° 6	3°48	10°28	22°35	1°51	0°34	14°58	17°44	F 13
S 14	21 40 43	23°24'59	1♍46	18°15	14°46	3° 3	14°51	11°10	3°51	10°26	22°37	1°49	0°31	15° 5	17°47	S 14
S 15	21 44 40	24°23'15	13°57	19°33	15°56	3°41	14°49	11°14	3°55	10°25	22°38	1°46	0°27	15°12	17°50	S 15
M16	21 48 36	25°21'33	25°59	20°48	17° 7	4°19	14°46	11°18	3°59	10°23	22°40	1°42	0°24	15°18	17°52	M16
T 17	21 52 33	26°19'53	7♎55	22° 2	18°17	4°57	14°43	11°22	4° 3	10°21	22°41	1°38	0°21	15°25	17°55	T 17
W18	21 56 29	27°18'14	19°47	23°14	19°27	5°35	14°40	11°26	4° 6	10°20	22°43	1°34	0°18	15°32	17°57	W18
T 19	22 0 26	28°16'37	1♏39	24°24	20°37	6°13	14°37	11°29	4°10	10°18	22°44	1°30	0°15	15°39	17°59	T 19
F 20	22 4 22	29°15'02	13°33	25°33	21°48	6°51	14°33	11°33	4°14	10°17	22°46	1°28	0°11	15°45	18° 2	F 20
S 21	22 8 19	0♍13'28	25°35	26°39	22°59	7°29	14°29	11°36	4°18	10°15	22°47	1°D27	0° 8	15°52	18° 4	S 21
S 22	22 12 15	1°11'56	7♐49	27°43	24° 9	8° 7	14°25	11°40	4°22	10°13	22°49	1°27	0° 5	15°59	18° 6	S 22
M23	22 16 12	2°10'26	20°19	28°44	25°20	8°45	14°21	11°43	4°25	10°12	22°50	1°28	0° 2	16° 5	18° 8	M23
T 24	22 20 9	3° 8'57	3♑11	29°43	26°31	9°23	14°17	11°46	4°29	10°10	22°51	1°30	29♑59	16°12	18°10	T 24
W25	22 24 5	4° 7'31	16°26	0♎40	27°42	10° 0	14°13	11°49	4°33	10° 8	22°53	1°31	29°56	16°19	18°12	W25
T 26	22 28 2	5° 6'06	0♒ 9	1°33	28°53	10°38	14° 8	11°52	4°37	10° 7	22°54	1°R32	29°52	16°26	18°14	T 26
F 27	22 31 58	6° 4'42	14°17	2°24	0♌ 4	11°16	14° 3	11°55	4°40	10° 5	22°56	1°31	29°49	16°32	18°16	F 27
S 28	22 35 55	7° 3'21	28°50	3°11	1°16	11°54	13°58	11°58	4°44	10° 3	22°57	1°29	29°46	16°39	18°18	S 28
S 29	22 39 51	8° 2'01	13♓40	3°55	2°27	12°32	13°53	12° 0	4°48	10° 2	22°58	1°25	29°43	16°46	18°19	S 29
M30	22 43 48	9° 0'44	28°41	4°35	3°39	13°10	13°48	12° 3	4°52	10° 0	23° 0	1°20	29°40	16°53	18°21	M30
T 31	22 47 44	9♍59'29	13♈43	5♎10	4♌50	13♌47	13♈43	12♊ 5	4♍55	9♓58	23♋ 1	1♒14	29♑37	16♎59	18♊23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n38	7s 8	2n53	12n27	0n42	22n 3	1s33	22n23	1n 4	4n35	1s31	20n40	1s29	11n 8	0n44	8s48	1s18	27n15	5n35	19s53	20s 2	9s56	18n17	4s44
M 2	17 22	0 38	3 54	11 46	0 35	22 6	1 30	22 16	1 5	4 35	1 32	20 41	1 29	11 7	0 44	8 48	1 18	27 15	5 35	19 53	20 3	9 58	18 17	4 44
T 3	17 6	5n53	4 40	11 6	0 28	22 9	1 26	22 9	1 5	4 35	1 32	20 41	1 29	11 5	0 44	8 49	1 19	27 15	5 35	19 54	20 3	10 1	18 16	4 44
W 4	16 49	12 3	5 8	10 25	0 20	22 11	1 23	22 2	1 5	4 34	1 32	20 42	1 29	11 4	0 44	8 49	1 19	27 15	5 35	19 54	20 4	10 4	18 16	4 45
T 5	16 32	17 30	5 16	9 44	0 13	22 13	1 19	21 55	1 6	4 34	1 32	20 43	1 29	11 3	0 44	8 50	1 19	27 15	5 35	19 54	20 5	10 7	18 16	4 45
F 6	16 15	21 55	5 5	9 3	0 5	22 14	1 15	21 47	1 6	4 33	1 33	20 43	1 29	11 1	0 44	8 50	1 19	27 14	5 35	19 54	20 5	10 10	18 16	4 46
S 7	15 58	25 0	4 36	8 23	0s 3	22 15	1 12	21 40	1 6	4 33	1 33	20 44	1 29	11 0	0 44	8 51	1 19	27 14	5 35	19 54	20 6	10 13	18 16	4 46
S 8	15 40	26 33	3 52	7 42	0 11	22 14	1 8	21 32	1 6	4 32	1 33	20 44	1 29	10 59	0 44	8 52	1 19	27 14	5 36	19 54	20 7	10 16	18 16	4 46
M 9	15 22	26 31	2 56	7 1	0 19	22 14	1 5	21 24	1 7	4 31	1 33	20 45	1 29	10 57	0 44	8 52	1 19	27 14	5 36	19 54	20 8	10 19	18 16	4 47
T 10	15 4	24 59	1 51	6 21	0 28	22 12	1 1	21 16	1 7	4 30	1 34	20 46	1 29	10 56	0 44	8 53	1 19	27 14	5 36	19 53	20 8	10 21	18 16	4 47
W11	14 45	22 7	0 42	5 41	0 36	22 10	0 57	21 8	1 7	4 29	1 34	20 46	1 29	10 55	0 44	8 53	1 19	27 14	5 36	19 53	20 9	10 24	18 15	4 48
T 12	14 27	18 14	0s28	5 2	0 45	22 8	0 54	21 0	1 8	4 29	1 34	20 47	1 30	10 53	0 44	8 54	1 19	27 14	5 36	19 53	20 10	10 27	18 15	4 48
F 13	14 8	13 35	1 35	4 22	0 53	22 5	0 50	20 52	1 8	4 27	1 34	20 47	1 30	10 52	0 44	8 55	1 19	27 13	5 36	19 53	20 10	10 30	18 15	4 48
S 14	13 49	8 28	2 37	3 43	1 2	22 1	0 46	20 43	1 8	4 26	1 35	20 48	1 30	10 51	0 44	8 55	1 19	27 13	5 36	19 54	20 11	10 33	18 15	4 49
S 15	13 29	3 7	3 31	3 5	1 11	21 57	0 43	20 34	1 8	4 25	1 35	20 48	1 30	10 49	0 44	8 56	1 19	27 13	5 37	19 54	20 12	10 36	18 15	4 49
M16	13 9	2s17	4 15	2 27	1 20	21 52	0 39	20 26	1 9	4 24	1 35	20 49	1 30	10 48	0 44	8 57	1 19	27 13	5 37	19 55	20 12	10 39	18 14	4 50
T 17	12 50	7 33	4 47	1 50	1 28	21 46	0 35	20 17	1 9	4 22	1 35	20 49	1 30	10 46	0 44	8 57	1 19	27 13	5 37	19 56	20 13	10 41	18 14	4 50
W18	12 30	12 31	5 7	1 13	1 37	21 40	0 32	20 8	1 9	4 21	1 36	20 49	1 30	10 45	0 44	8 58	1 19	27 13	5 37	19 57	20 14	10 44	18 14	4 51
T 19	12 9	17 1	5 13	0 37	1 46	21 33	0 28	19 58	1 10	4 19	1 36	20 50	1 30	10 44	0 44	8 58	1 19	27 13	5 37	19 58	20 14	10 47	18 14	4 51
F 20	11 49	20 53	5 6	0 2	1 54	21 26	0 25	19 49	1 10	4 18	1 36	20 50	1 30	10 42	0 44	8 59	1 19	27 13	5 37	19 58	20 15	10 50	18 14	4 51
S 21	11 28	23 55	4 46	0s32	2 3	21 17	0 21	19 40	1 10	4 16	1 36	20 51	1 30	10 41	0 44	9 0	1 19	27 13	5 37	19 59	20 16	10 53	18 13	4 52
S 22	11 7	25 55	4 12	1 6	2 12	21 9	0 17	19 30	1 10	4 15	1 37	20 51	1 30	10 39	0 44	9 0	1 19	27 13	5 38	19 59	20 16	10 56	18 13	4 52
M23	10 46	26 41	3 26	1 38	2 20	20 59	0 14	19 20	1 11	4 13	1 37	20 51	1 30	10 38	0 44	9 1	1 19	27 12	5 38	19 58	20 17	10 58	18 13	4 53
T 24	10 25	26 3	2 29	2 9	2 28	20 50	0 10	19 10	1 11	4 11	1 37	20 52	1 30	10 37	0 44	9 2	1 19	27 12	5 38	19 58	20 18	11 1	18 12	4 53
W25	10 4	23 56	1 21	2 39	2 36	20 39	0 7	19 0	1 11	4 9	1 37	20 52	1 31	10 35	0 44	9 2	1 19	27 12	5 38	19 58	20 19	11 4	18 12	4 54
T 26	9 42	20 23	0 8	3 8	2 44	20 28	0 4	18 50	1 11	4 7	1 37	20 52	1 31	10 34	0 44	9 3	1 19	27 12	5 38	19 58	20 19	11 7	18 12	4 54
F 27	9 21	15 34	1n 9	3 35	2 52	20 16	0 0	18 40	1 12	4 5	1 38	20 53	1 31	10 33	0 44	9 4	1 19	27 12	5 39	19 58	20 20	11 10	18 12	4 55
S 28	8 59	9 44	2 23	4 1	2 59	20 4	0n 3	18 30	1 12	4 3	1 38	20 53	1 31	10 31	0 44	9 4	1 19	27 12	5 39	19 58	20 21	11 12	18 11	4 55
S 29	8 37	3 15	3 29	4 25	3 6	19 51	0 6	18 19	1 12	4 1	1 38	20 53	1 31	10 30	0 44	9 5	1 19	27 12	5 39	19 59	20 21	11 15	18 11	4 56
M30	8 15	3n28	4 21	4 47	3 13	19 38	0 10	18 8	1 12	3 59	1 38	20 53	1 31	10 28	0 44	9 5	1 19	27 12	5 39	20 0	20 22	11 18	18 11	4 56
T 31	7n53	9n59	4n56	5s 7	3s19	19n24	0n13	17n58	1n13	3n56	1s38	20n54	1s31	10n27	0n44	9s 6	1s19	27n12	5n39	20s 1	20s23	11s21	18n10	4s57

Julian Day Number = 1979136.5, Delta T = 59m49s
Ecliptic obliquity = 23°36'28, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'28, Lahiri = 5°50'28 Julian Calendar 1 Aug. 706 == Greg. Calendar 5 Aug. 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

SEPTEMBER 706 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 51 41	10♍58'16	28♈37	5♎41	6♌ 2	14♌25	13°R37	12♊ 8	4♍59	9°R57	23♋ 2	1°R 9	29♑33	17♎ 6	18♊24	W 1
T 2	22 55 37	11°57'05	13♉16	6° 8	7°14	15° 3	13♈31	12°10	5° 3	9♓55	23° 3	1♒ 4	29°30	17°13	18°26	T 2
F 3	22 59 34	12°55'57	27°34	6°29	8°26	15°41	13°25	12°12	5° 7	9°53	23° 5	1° 2	29°27	17°19	18°27	F 3
S 4	23 3 31	13°54'51	11♊30	6°45	9°38	16°18	13°19	12°14	5°10	9°52	23° 6	1°D 1	29°24	17°26	18°29	S 4
S 5	23 7 27	14°53'47	25° 3	6°54	10°50	16°56	13°13	12°16	5°14	9°50	23° 7	1° 1	29°21	17°33	18°30	S 5
M 6	23 11 24	15°52'46	8♋14	6°R57	12° 2	17°34	13° 7	12°18	5°18	9°48	23° 8	1° 2	29°17	17°40	18°31	M 6
T 7	23 15 20	16°51'48	21° 8	6°53	13°15	18°12	13° 0	12°20	5°22	9°47	23° 9	1° 3	29°14	17°46	18°32	T 7
W 8	23 19 17	17°50'51	3♌47	6°42	14°27	18°49	12°54	12°21	5°25	9°45	23°10	1°R 4	29°11	17°53	18°33	W 8
T 9	23 23 13	18°49'57	16°13	6°24	15°39	19°27	12°47	12°23	5°29	9°44	23°12	1° 2	29° 8	18° 0	18°34	T 9
F 10	23 27 10	19°49'05	28°29	5°58	16°52	20° 5	12°40	12°24	5°33	9°42	23°13	0°59	29° 5	18° 6	18°35	F 10
S 11	23 31 6	20°48'15	10♍37	5°24	18° 5	20°42	12°33	12°25	5°37	9°40	23°14	0°53	29° 2	18°13	18°36	S 11
S 12	23 35 3	21°47'27	22°38	4°42	19°17	21°20	12°26	12°27	5°40	9°39	23°15	0°45	28°58	18°20	18°37	S 12
M13	23 39 0	22°46'42	4♎35	3°53	20°30	21°58	12°19	12°28	5°44	9°37	23°16	0°35	28°55	18°27	18°37	M13
T 14	23 42 56	23°45'58	16°28	2°57	21°43	22°35	12°12	12°29	5°47	9°35	23°17	0°25	28°52	18°33	18°38	T 14
W15	23 46 53	24°45'17	28°19	1°56	22°56	23°13	12° 4	12°29	5°51	9°34	23°18	0°14	28°49	18°40	18°39	W15
T 16	23 50 49	25°44'37	10♏11	0°49	24° 9	23°50	11°57	12°30	5°55	9°32	23°19	0° 5	28°46	18°47	18°39	T 16
F 17	23 54 46	26°44'00	22° 5	29♍39	25°22	24°28	11°49	12°31	5°58	9°31	23°20	29♑57	28°43	18°53	18°40	F 17
S 18	23 58 42	27°43'24	4♐ 5	28°28	26°35	25° 5	11°41	12°31	6° 2	9°29	23°21	29°52	28°39	19° 0	18°40	S 18
S 19	0 2 39	28°42'50	16°16	27°16	27°48	25°43	11°34	12°32	6° 6	9°28	23°22	29°49	28°36	19° 7	18°40	S 19
M20	0 6 35	29°42'18	28°41	26° 7	29° 2	26°20	11°26	12°32	6° 9	9°26	23°22	29°D48	28°33	19°14	18°40	M20
T 21	0 10 32	0♎41'48	11♑26	25° 3	0♍15	26°58	11°18	12°32	6°13	9°24	23°23	29°49	28°30	19°20	18°41	T 21
W22	0 14 29	1°41'20	24°35	24° 4	1°28	27°35	11°10	12°R32	6°16	9°23	23°24	29°R49	28°27	19°27	18°41	W22
T 23	0 18 25	2°40'53	8♒12	23°14	2°42	28°13	11° 2	12°32	6°20	9°21	23°25	29°49	28°23	19°34	18°R41	T 23
F 24	0 22 22	3°40'29	22°17	22°32	3°55	28°50	10°54	12°32	6°23	9°20	23°26	29°47	28°20	19°41	18°41	F 24
S 25	0 26 18	4°40'06	6♓52	22° 1	5° 9	29°28	10°46	12°31	6°27	9°19	23°26	29°43	28°17	19°47	18°41	S 25
S 26	0 30 15	5°39'45	21°50	21°41	6°23	0♍ 5	10°38	12°31	6°30	9°17	23°27	29°36	28°14	19°54	18°40	S 26
M27	0 34 11	6°39'26	7♈ 5	21°D32	7°36	0°43	10°30	12°31	6°33	9°16	23°28	29°26	28°11	20° 1	18°40	M27
T 28	0 38 8	7°39'09	22°25	21°35	8°50	1°20	10°22	12°30	6°37	9°14	23°29	29°16	28° 8	20° 7	18°40	T 28
W29	0 42 4	8°38'54	7♉38	21°48	10° 4	1°57	10°14	12°29	6°40	9°13	23°29	29° 6	28° 4	20°14	18°39	W29
T 30	0 46 1	9♎38'41	22♉36	22♍11	11♍18	2♍35	10♈ 6	12♊28	6♍43	9♓11	23♋30	28♑58	28♑ 1	20♎21	18♊39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n30	15n52	5n 9	5s24	3s25	19n 9	0n16	17n47	1n13	3n54	1s38	20n54	1s31	10n26	0n44	9s 7	1s19	27n12	5n39	20s 3	20s23	11s24	18n10	4s57
T 2	7 8	20 44	5 3	5 40	3 30	18 54	0 19	17 36	1 13	3 52	1 39	20 54	1 31	10 24	0 44	9 7	1 19	27 12	5 40	20 4	20 24	11 26	18 10	4 58
F 3	6 45	24 15	4 37	5 52	3 35	18 39	0 22	17 25	1 13	3 49	1 39	20 54	1 31	10 23	0 44	9 8	1 19	27 12	5 40	20 4	20 25	11 29	18 9	4 58
S 4	6 22	26 13	3 56	6 2	3 38	18 22	0 25	17 14	1 14	3 47	1 39	20 55	1 31	10 21	0 44	9 9	1 19	27 12	5 40	20 4	20 25	11 32	18 9	4 58
S 5	5 59	26 33	3 2	6 8	3 41	18 6	0 28	17 3	1 14	3 44	1 39	20 55	1 31	10 20	0 44	9 9	1 19	27 12	5 40	20 4	20 26	11 35	18 8	4 59
M 6	5 36	25 21	2 0	6 11	3 43	17 48	0 31	16 51	1 14	3 41	1 39	20 55	1 32	10 19	0 44	9 10	1 19	27 12	5 40	20 4	20 27	11 38	18 8	4 59
T 7	5 13	22 49	0 53	6 11	3 44	17 31	0 34	16 40	1 14	3 39	1 39	20 55	1 32	10 17	0 44	9 11	1 19	27 12	5 41	20 4	20 27	11 40	18 8	5 0
W 8	4 50	19 12	0s15	6 6	3 44	17 12	0 37	16 28	1 15	3 36	1 40	20 55	1 32	10 16	0 44	9 11	1 19	27 12	5 41	20 4	20 28	11 43	18 7	5 0
T 9	4 27	14 48	1 21	5 57	3 42	16 53	0 40	16 16	1 15	3 33	1 40	20 55	1 32	10 15	0 44	9 12	1 19	27 12	5 41	20 4	20 29	11 46	18 7	5 1
F 10	4 4	9 52	2 22	5 44	3 39	16 34	0 43	16 5	1 15	3 31	1 40	20 55	1 32	10 13	0 44	9 12	1 19	27 12	5 41	20 5	20 29	11 49	18 7	5 1
S 11	3 40	4 37	3 16	5 26	3 34	16 14	0 45	15 53	1 15	3 28	1 40	20 55	1 32	10 12	0 44	9 13	1 19	27 12	5 41	20 6	20 30	11 51	18 6	5 2
S 12	3 17	0s45	4 1	5 3	3 27	15 54	0 48	15 41	1 15	3 25	1 40	20 55	1 32	10 11	0 44	9 14	1 19	27 12	5 42	20 8	20 31	11 54	18 6	5 2
M13	2 53	6 2	4 34	4 36	3 19	15 33	0 51	15 29	1 16	3 22	1 40	20 55	1 32	10 9	0 44	9 14	1 19	27 12	5 42	20 10	20 31	11 57	18 5	5 3
T 14	2 30	11 4	4 56	4 4	3 8	15 12	0 53	15 17	1 16	3 19	1 40	20 56	1 32	10 8	0 44	9 15	1 19	27 12	5 42	20 12	20 32	12 0	18 5	5 3
W15	2 6	15 41	5 5	3 28	2 56	14 51	0 56	15 4	1 16	3 16	1 40	20 56	1 32	10 7	0 44	9 15	1 19	27 12	5 42	20 15	20 32	12 2	18 4	5 4
T 16	1 42	19 43	5 0	2 48	2 42	14 29	0 58	14 52	1 16	3 13	1 40	20 56	1 32	10 5	0 44	9 16	1 19	27 12	5 42	20 17	20 33	12 5	18 4	5 4
F 17	1 18	22 58	4 43	2 5	2 26	14 6	1 0	14 40	1 17	3 10	1 40	20 56	1 33	10 4	0 44	9 17	1 19	27 12	5 43	20 18	20 34	12 8	18 3	5 5
S 18	0 55	25 15	4 13	1 20	2 8	13 43	1 3	14 27	1 17	3 7	1 40	20 56	1 33	10 3	0 44	9 17	1 19	27 12	5 43	20 19	20 34	12 11	18 3	5 5
S 19	0 31	26 23	3 31	0 35	1 49	13 20	1 5	14 15	1 17	3 4	1 40	20 55	1 33	10 1	0 44	9 18	1 19	27 12	5 43	20 20	20 35	12 13	18 3	5 6
M20	0 7	26 14	2 38	0n11	1 29	12 56	1 7	14 2	1 17	3 1	1 41	20 55	1 33	10 0	0 44	9 18	1 19	27 12	5 43	20 20	20 36	12 16	18 2	5 6
T 21	0s17	24 43	1 36	0 56	1 9	12 32	1 9	13 49	1 17	2 58	1 41	20 55	1 33	9 59	0 44	9 19	1 19	27 12	5 43	20 20	20 36	12 19	18 2	5 7
W22	0 41	21 49	0 28	1 38	0 48	12 8	1 11	13 36	1 18	2 54	1 41	20 55	1 33	9 57	0 44	9 20	1 19	27 12	5 44	20 20	20 37	12 21	18 1	5 7
T 23	1 4	17 38	0n44	2 17	0 28	11 43	1 13	13 24	1 18	2 51	1 41	20 55	1 33	9 56	0 44	9 20	1 19	27 12	5 44	20 20	20 38	12 24	18 1	5 8
F 24	1 28	12 20	1 57	2 51	0 8	11 18	1 15	13 11	1 18	2 48	1 41	20 55	1 33	9 55	0 44	9 21	1 19	27 12	5 44	20 20	20 38	12 27	18 0	5 8
S 25	1 52	6 13	3 3	3 21	0n11	10 52	1 17	12 58	1 18	2 45	1 41	20 55	1 33	9 54	0 44	9 21	1 19	27 12	5 44	20 21	20 39	12 30	18 0	5 9
S 26	2 16	0n24	4 0	3 45	0 28	10 27	1 18	12 44	1 18	2 42	1 41	20 55	1 33	9 52	0 44	9 22	1 19	27 12	5 44	20 23	20 40	12 32	17 59	5 9
M27	2 40	7 6	4 40	4 4	0 45	10 1	1 20	12 31	1 19	2 39	1 41	20 55	1 33	9 51	0 44	9 22	1 19	27 13	5 45	20 25	20 40	12 35	17 59	5 10
T 28	3 3	13 25	5 0	4 17	1 0	9 34	1 21	12 18	1 19	2 36	1 41	20 55	1 33	9 50	0 44	9 23	1 19	27 13	5 45	20 27	20 41	12 38	17 58	5 10
W29	3 27	18 51	4 59	4 24	1 13	9 8	1 23	12 5	1 19	2 32	1 41	20 54	1 34	9 49	0 44	9 23	1 19	27 13	5 45	20 29	20 42	12 40	17 57	5 11
T 30	3s51	23n 0	4n37	4n25	1n25	8n41	1n24	11n51	1n19	2n29	1s41	20n54	1s34	9n47	0n44	9s24	1s19	27n13	5n45	20s31	20s42	12s43	17n57	5s11

Julian Day Number = 1979167.5, Delta T = 59m48s
Ecliptic obliquity = 23°36'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'32, Lahiri = 5°50'32 Julian Calendar 1 Sept. 706 == Greg. Calendar 5 Sept. 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

OCTOBER 706 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 49 58	10♎38'31	7♊ 9	22♍45	12♍32	3♍12	9°R58	12°R27	6♍47	9°R10	23♋30	28°R51	27♑58	20♎28	18°R38	F 1
S 2	0 53 54	11°38'23	21°14	23°27	13°46	3°49	9♈49	12♊26	6°50	9♓ 9	23°31	28♑47	27°55	20°34	18♊38	S 2
S 3	0 57 51	12°38'17	4♋51	24°17	15° 0	4°27	9°41	12°25	6°53	9° 7	23°31	28°46	27°52	20°41	18°37	S 3
M 4	1 1 47	13°38'14	18° 2	25°15	16°14	5° 4	9°33	12°24	6°56	9° 6	23°32	28°D46	27°49	20°48	18°36	M 4
T 5	1 5 44	14°38'13	0♌50	26°19	17°28	5°41	9°25	12°22	7° 0	9° 5	23°33	28°R46	27°45	20°54	18°35	T 5
W 6	1 9 40	15°38'14	13°19	27°29	18°43	6°19	9°17	12°21	7° 3	9° 4	23°33	28°45	27°42	21° 1	18°34	W 6
T 7	1 13 37	16°38'17	25°35	28°43	19°57	6°56	9° 9	12°19	7° 6	9° 2	23°33	28°42	27°39	21° 8	18°33	T 7
F 8	1 17 33	17°38'22	7♍40	0♎ 2	21°11	7°33	9° 1	12°18	7° 9	9° 1	23°34	28°37	27°36	21°15	18°32	F 8
S 9	1 21 30	18°38'30	19°39	1°24	22°26	8°10	8°53	12°16	7°12	9° 0	23°34	28°28	27°33	21°21	18°31	S 9
S 10	1 25 26	19°38'39	1♎34	2°49	23°40	8°48	8°45	12°14	7°15	8°59	23°35	28°17	27°29	21°28	18°30	S 10
M11	1 29 23	20°38'50	13°26	4°17	24°55	9°25	8°38	12°12	7°18	8°58	23°35	28° 3	27°26	21°35	18°29	M11
T 12	1 33 20	21°39'04	25°18	5°46	26° 9	10° 2	8°30	12°10	7°21	8°56	23°35	27°48	27°23	21°42	18°27	T 12
W13	1 37 16	22°39'19	7♏11	7°18	27°24	10°39	8°22	12° 7	7°24	8°55	23°35	27°33	27°20	21°48	18°26	W13
T 14	1 41 13	23°39'36	19° 5	8°51	28°38	11°16	8°15	12° 5	7°27	8°54	23°36	27°19	27°17	21°55	18°25	T 14
F 15	1 45 9	24°39'55	1♐ 4	10°24	29°53	11°54	8° 7	12° 2	7°30	8°53	23°36	27° 8	27°14	22° 2	18°23	F 15
S 16	1 49 6	25°40'15	13° 7	11°59	1♎ 8	12°31	8° 0	12° 0	7°33	8°52	23°36	26°59	27°10	22° 8	18°21	S 16
S 17	1 53 2	26°40'37	25°20	13°35	2°22	13° 8	7°52	11°57	7°36	8°51	23°36	26°54	27° 7	22°15	18°20	S 17
M18	1 56 59	27°41'00	7♑45	15°10	3°37	13°45	7°45	11°55	7°38	8°50	23°36	26°51	27° 4	22°22	18°18	M18
T 19	2 0 55	28°41'25	20°26	16°47	4°52	14°22	7°38	11°52	7°41	8°49	23°37	26°50	27° 1	22°29	18°16	T 19
W20	2 4 52	29°41'52	3♒28	18°23	6° 7	14°59	7°31	11°49	7°44	8°48	23°37	26°50	26°58	22°35	18°14	W20
T 21	2 8 49	0♏42'19	16°54	20° 0	7°22	15°36	7°24	11°46	7°46	8°47	23°37	26°50	26°54	22°42	18°12	T 21
F 22	2 12 45	1°42'48	0♓48	21°36	8°36	16°13	7°17	11°43	7°49	8°47	23°R37	26°48	26°51	22°49	18°10	F 22
S 23	2 16 42	2°43'19	15°11	23°13	9°51	16°50	7°11	11°39	7°52	8°46	23°37	26°43	26°48	22°56	18° 8	S 23
S 24	2 20 38	3°43'50	29°59	24°49	11° 6	17°27	7° 4	11°36	7°54	8°45	23°37	26°35	26°45	23° 2	18° 6	S 24
M25	2 24 35	4°44'24	15♈ 9	26°26	12°21	18° 4	6°58	11°33	7°57	8°44	23°37	26°25	26°42	23° 9	18° 4	M25
T 26	2 28 31	5°44'58	0♉29	28° 2	13°36	18°41	6°52	11°29	7°59	8°43	23°36	26°14	26°39	23°16	18° 2	T 26
W27	2 32 28	6°45'34	15°48	29°38	14°51	19°17	6°46	11°26	8° 1	8°43	23°36	26° 3	26°35	23°22	18° 0	W27
T 28	2 36 24	7°46'12	0♊55	1♏14	16° 6	19°54	6°40	11°22	8° 4	8°42	23°36	25°53	26°32	23°29	17°57	T 28
F 29	2 40 21	8°46'52	15°40	2°50	17°21	20°31	6°34	11°18	8° 6	8°41	23°36	25°45	26°29	23°36	17°55	F 29
S 30	2 44 18	9°47'33	29°57	4°26	18°36	21° 8	6°28	11°14	8° 8	8°41	23°36	25°40	26°26	23°43	17°53	S 30
S 31	2 48 14	10♏48'15	13♋43	6♏ 1	19♎52	21♍45	6♈23	11♊11	8♍11	8♓40	23♋36	25♑38	26♑23	23♎49	17♊50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s14	25n34	3n58	4n21	1n35	8n13	1n26	11n38	1n19	2n26	1s40	20n54	1s34	9n46	0n44	9s24	1s19	27n13	5n46	20s32	20s43	12s46	17n56	5s12
S 2	4 38	26 23	3 5	4 12	1 44	7 46	1 27	11 24	1 19	2 23	1 40	20 54	1 34	9 45	0 44	9 25	1 19	27 13	5 46	20 33	20 43	12 48	17 56	5 12
S 3	5 2	25 34	2 3	3 59	1 51	7 18	1 28	11 11	1 20	2 20	1 40	20 54	1 34	9 44	0 44	9 25	1 19	27 13	5 46	20 33	20 44	12 51	17 55	5 13
M 4	5 25	23 19	0 57	3 41	1 57	6 50	1 29	10 57	1 20	2 17	1 40	20 53	1 34	9 43	0 44	9 26	1 19	27 13	5 46	20 33	20 45	12 54	17 55	5 13
T 5	5 48	19 56	0s11	3 19	2 1	6 22	1 30	10 44	1 20	2 13	1 40	20 53	1 34	9 41	0 44	9 26	1 19	27 13	5 47	20 33	20 45	12 56	17 54	5 14
W 6	6 12	15 43	1 16	2 54	2 4	5 54	1 31	10 30	1 20	2 10	1 40	20 53	1 34	9 40	0 44	9 27	1 19	27 14	5 47	20 33	20 46	12 59	17 54	5 14
T 7	6 35	10 56	2 17	2 26	2 6	5 25	1 32	10 16	1 20	2 7	1 40	20 53	1 34	9 39	0 44	9 27	1 19	27 14	5 47	20 34	20 47	13 2	17 53	5 15
F 8	6 58	5 49	3 10	1 56	2 7	4 56	1 33	10 2	1 21	2 4	1 40	20 52	1 34	9 38	0 44	9 28	1 19	27 14	5 47	20 35	20 47	13 4	17 53	5 15
S 9	7 21	0 32	3 54	1 23	2 7	4 27	1 34	9 49	1 21	2 1	1 40	20 52	1 34	9 37	0 44	9 28	1 19	27 14	5 47	20 37	20 48	13 7	17 52	5 16
S 10	7 44	4s43	4 28	0 48	2 7	3 58	1 34	9 35	1 21	1 58	1 40	20 52	1 34	9 36	0 44	9 29	1 19	27 14	5 48	20 39	20 49	13 10	17 51	5 16
M11	8 7	9 47	4 50	0 12	2 5	3 29	1 35	9 21	1 21	1 55	1 40	20 51	1 34	9 35	0 44	9 29	1 19	27 14	5 48	20 42	20 49	13 12	17 51	5 17
T 12	8 30	14 29	4 59	0s26	2 3	3 0	1 35	9 7	1 21	1 52	1 39	20 51	1 34	9 33	0 44	9 29	1 19	27 15	5 48	20 45	20 50	13 15	17 50	5 17
W13	8 52	18 39	4 55	1 5	2 0	2 30	1 36	8 53	1 21	1 49	1 39	20 51	1 34	9 32	0 45	9 30	1 19	27 15	5 48	20 48	20 50	13 18	17 50	5 17
T 14	9 15	22 4	4 38	1 45	1 57	2 1	1 36	8 39	1 22	1 46	1 39	20 50	1 35	9 31	0 45	9 30	1 19	27 15	5 49	20 51	20 51	13 20	17 49	5 18
F 15	9 37	24 35	4 9	2 25	1 53	1 31	1 37	8 24	1 22	1 44	1 39	20 50	1 35	9 30	0 45	9 30	1 19	27 15	5 49	20 53	20 52	13 23	17 49	5 18
S 16	9 59	25 59	3 29	3 6	1 49	1 2	1 37	8 10	1 22	1 41	1 39	20 49	1 35	9 29	0 45	9 31	1 19	27 15	5 49	20 54	20 52	13 26	17 48	5 19
S 17	10 21	26 9	2 38	3 48	1 44	0 32	1 37	7 56	1 22	1 38	1 39	20 49	1 35	9 28	0 45	9 31	1 19	27 16	5 49	20 55	20 53	13 28	17 47	5 19
M18	10 43	25 2	1 39	4 30	1 39	0 2	1 37	7 42	1 22	1 35	1 39	20 49	1 35	9 27	0 45	9 32	1 19	27 16	5 50	20 56	20 54	13 31	17 47	5 20
T 19	11 5	22 36	0 34	5 12	1 34	0s28	1 37	7 28	1 22	1 33	1 38	20 48	1 35	9 26	0 45	9 32	1 19	27 16	5 50	20 56	20 54	13 33	17 46	5 20
W20	11 27	18 57	0n35	5 54	1 28	0 58	1 37	7 13	1 22	1 30	1 38	20 48	1 35	9 25	0 45	9 32	1 19	27 16	5 50	20 56	20 55	13 36	17 46	5 21
T 21	11 48	14 14	1 44	6 36	1 22	1 28	1 37	6 59	1 23	1 28	1 38	20 47	1 35	9 24	0 45	9 32	1 19	27 16	5 50	20 56	20 55	13 39	17 45	5 21
F 22	12 9	8 38	2 49	7 18	1 16	1 58	1 36	6 45	1 23	1 25	1 38	20 47	1 35	9 23	0 45	9 33	1 18	27 17	5 50	20 57	20 56	13 41	17 44	5 22
S 23	12 30	2 25	3 46	8 0	1 10	2 28	1 36	6 30	1 23	1 23	1 38	20 46	1 35	9 22	0 45	9 33	1 18	27 17	5 51	20 58	20 57	13 44	17 44	5 22
S 24	12 51	4n 6	4 29	8 41	1 4	2 57	1 36	6 16	1 23	1 20	1 37	20 46	1 35	9 21	0 45	9 33	1 18	27 17	5 51	20 59	20 57	13 46	17 43	5 22
M25	13 11	10 32	4 55	9 23	0 57	3 27	1 35	6 1	1 23	1 18	1 37	20 45	1 35	9 21	0 45	9 34	1 18	27 17	5 51	21 1	20 58	13 49	17 43	5 23
T 26	13 32	16 23	4 59	10 4	0 51	3 57	1 35	5 47	1 23	1 16	1 37	20 45	1 35	9 20	0 45	9 34	1 18	27 18	5 51	21 3	20 58	13 52	17 42	5 23
W27	13 52	21 11	4 43	10 44	0 44	4 27	1 34	5 33	1 23	1 13	1 37	20 44	1 35	9 19	0 45	9 34	1 18	27 18	5 52	21 5	20 59	13 54	17 41	5 24
T 28	14 12	24 30	4 7	11 24	0 38	4 57	1 33	5 18	1 23	1 11	1 36	20 44	1 35	9 18	0 45	9 34	1 18	27 18	5 52	21 7	21 0	13 57	17 41	5 24
F 29	14 32	26 3	3 14	12 3	0 31	5 26	1 33	5 4	1 24	1 9	1 36	20 43	1 35	9 17	0 45	9 35	1 18	27 18	5 52	21 9	21 0	13 59	17 40	5 24
S 30	14 51	25 48	2 11	12 42	0 24	5 56	1 32	4 49	1 24	1 7	1 36	20 43	1 35	9 16	0 45	9 35	1 18	27 19	5 52	21 9	21 1	14 2	17 40	5 25
S 31	15s10	23n56	1n 3	13s21	0n17	6s25	1n31	4n35	1n24	1n 5	1s36	20n42	1s35	9n16	0n45	9s35	1s18	27n19	5n53	21s10	21s 1	14s 5	17n39	5s25

Julian Day Number = 1979197.5, Delta T = 59m47s
Ecliptic obliquity = 23°36'28, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'36, Lahiri = 5°50'37 Julian Calendar 1 Oct. 706 == Greg. Calendar 5 Oct. 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

NOVEMBER 706 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 52 11	11♏49'00	27♋ 1	7♏37	21♎ 7	22♍22	6°R18	11°R 7	8♍13	8°R40	23°R35	25°D37	26♑20	23♎56	17°R48	M 1
T 2	2 56 7	12°49'46	9♌52	9°12	22°22	22°58	6♈13	11♊ 3	8°15	8♓39	23♋35	25°R38	26°16	24° 3	17♊45	T 2
W 3	3 0 4	13°50'34	22°23	10°47	23°37	23°35	6° 8	10°59	8°17	8°39	23°35	25♑37	26°13	24° 9	17°42	W 3
T 4	3 4 0	14°51'23	4♍36	12°22	24°52	24°12	6° 3	10°54	8°19	8°38	23°34	25°35	26°10	24°16	17°40	T 4
F 5	3 7 57	15°52'13	16°38	13°57	26° 7	24°49	5°58	10°50	8°21	8°38	23°34	25°31	26° 7	24°23	17°37	F 5
S 6	3 11 53	16°53'06	28°33	15°31	27°23	25°25	5°54	10°46	8°23	8°37	23°34	25°24	26° 4	24°30	17°34	S 6
S 7	3 15 50	17°53'59	10♎24	17° 6	28°38	26° 2	5°50	10°42	8°25	8°37	23°33	25°14	26° 0	24°36	17°31	S 7
M 8	3 19 47	18°54'54	22°15	18°40	29°53	26°39	5°46	10°37	8°27	8°37	23°33	25° 2	25°57	24°43	17°29	M 8
T 9	3 23 43	19°55'50	4♏ 8	20°15	1♏ 9	27°15	5°42	10°33	8°28	8°36	23°32	24°49	25°54	24°50	17°26	T 9
W10	3 27 40	20°56'48	16° 5	21°49	2°24	27°52	5°38	10°28	8°30	8°36	23°32	24°36	25°51	24°57	17°23	W10
T 11	3 31 36	21°57'46	28° 6	23°23	3°39	28°28	5°35	10°24	8°32	8°36	23°31	24°24	25°48	25° 3	17°20	T 11
F 12	3 35 33	22°58'46	10♐13	24°57	4°55	29° 5	5°32	10°19	8°33	8°36	23°31	24°14	25°45	25°10	17°17	F 12
S 13	3 39 29	23°59'47	22°27	26°32	6°10	29°41	5°29	10°14	8°35	8°36	23°30	24° 7	25°41	25°17	17°14	S 13
S 14	3 43 26	25° 0'48	4♑50	28° 6	7°25	0♎18	5°26	10°10	8°37	8°36	23°30	24° 2	25°38	25°23	17°11	S 14
M15	3 47 22	26° 1'51	17°24	29°40	8°41	0°54	5°23	10° 5	8°38	8°35	23°29	24° 0	25°35	25°30	17° 7	M15
T 16	3 51 19	27° 2'54	0♒11	1♐14	9°56	1°31	5°21	10° 0	8°39	8°35	23°28	24°D 0	25°32	25°37	17° 4	T 16
W17	3 55 16	28° 3'57	13°14	2°49	11°11	2° 7	5°18	9°55	8°41	8°D35	23°28	24° 1	25°29	25°44	17° 1	W17
T 18	3 59 12	29° 5'01	26°36	4°23	12°27	2°43	5°16	9°51	8°42	8°35	23°27	24°R 2	25°26	25°50	16°58	T 18
F 19	4 3 9	0♐ 6'06	10♓20	5°57	13°42	3°20	5°15	9°46	8°43	8°35	23°26	24° 1	25°22	25°57	16°55	F 19
S 20	4 7 5	1° 7'11	24°28	7°32	14°58	3°56	5°13	9°41	8°45	8°36	23°26	23°59	25°19	26° 4	16°51	S 20
S 21	4 11 2	2° 8'16	8♈57	9° 6	16°13	4°32	5°11	9°36	8°46	8°36	23°25	23°54	25°16	26°11	16°48	S 21
M22	4 14 58	3° 9'22	23°46	10°41	17°28	5° 8	5°10	9°31	8°47	8°36	23°24	23°48	25°13	26°17	16°45	M22
T 23	4 18 55	4°10'28	8♉47	12°15	18°44	5°45	5° 9	9°26	8°48	8°36	23°23	23°40	25°10	26°24	16°41	T 23
W24	4 22 51	5°11'35	23°51	13°50	19°59	6°21	5° 8	9°21	8°49	8°36	23°22	23°32	25° 6	26°31	16°38	W24
T 25	4 26 48	6°12'43	8♊48	15°25	21°15	6°57	5° 8	9°16	8°50	8°37	23°22	23°25	25° 3	26°37	16°35	T 25
F 26	4 30 45	7°13'51	23°31	17° 0	22°30	7°33	5° 8	9°11	8°51	8°37	23°21	23°19	25° 0	26°44	16°31	F 26
S 27	4 34 41	8°15'00	7♋50	18°35	23°46	8° 9	5°D 7	9° 6	8°52	8°37	23°20	23°16	24°57	26°51	16°28	S 27
S 28	4 38 38	9°16'09	21°43	20°10	25° 1	8°45	5° 7	9° 1	8°52	8°38	23°19	23°D15	24°54	26°58	16°24	S 28
M29	4 42 34	10°17'19	5♌ 8	21°44	26°16	9°21	5° 8	8°56	8°53	8°38	23°18	23°16	24°51	27° 4	16°21	M29
T 30	4 46 31	11♐18'29	18♌ 7	23♐19	27♏32	9♎57	5♈ 8	8♊51	8♍54	8♓38	23♋17	23♑17	24♑47	27♎11	16♊17	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s29	20n47	0s 7	13s59	0n11	6s54	1n30	4n20	1n24	1n 3	1s35	20n42	1s35	9n15	0n45	9s35	1s18	27n19	5n53	21s10	21s 2	14s 7	17n38	5s26
T 2	15 48	16 42	1 15	14 36	0 4	7 23	1 29	4 6	1 24	1 2	1 35	20 41	1 35	9 14	0 45	9 35	1 18	27 19	5 53	21 10	21 3	14 10	17 38	5 26
W 3	16 6	12 0	2 17	15 12	0s 3	7 52	1 28	3 51	1 24	1 0	1 35	20 41	1 35	9 13	0 45	9 35	1 18	27 20	5 53	21 10	21 3	14 12	17 37	5 26
T 4	16 24	6 56	3 11	15 48	0 9	8 21	1 27	3 36	1 24	0 58	1 35	20 40	1 35	9 12	0 45	9 36	1 18	27 20	5 53	21 10	21 4	14 15	17 36	5 27
F 5	16 42	1 42	3 56	16 23	0 16	8 50	1 26	3 22	1 24	0 57	1 34	20 40	1 35	9 12	0 45	9 36	1 18	27 20	5 54	21 11	21 5	14 17	17 36	5 27
S 6	17 0	3s32	4 30	16 58	0 22	9 18	1 24	3 7	1 24	0 55	1 34	20 39	1 35	9 11	0 45	9 36	1 18	27 20	5 54	21 12	21 5	14 20	17 35	5 27
S 7	17 17	8 37	4 52	17 31	0 29	9 46	1 23	2 53	1 25	0 54	1 34	20 38	1 35	9 10	0 45	9 36	1 18	27 21	5 54	21 14	21 6	14 22	17 35	5 28
M 8	17 34	13 23	5 1	18 4	0 35	10 14	1 22	2 38	1 25	0 52	1 34	20 38	1 35	9 10	0 45	9 36	1 18	27 21	5 54	21 16	21 6	14 25	17 34	5 28
T 9	17 51	17 39	4 58	18 36	0 41	10 42	1 20	2 24	1 25	0 51	1 33	20 37	1 35	9 9	0 45	9 36	1 18	27 21	5 55	21 19	21 7	14 27	17 33	5 28
W10	18 7	21 15	4 41	19 7	0 48	11 9	1 19	2 9	1 25	0 50	1 33	20 37	1 35	9 8	0 46	9 36	1 18	27 22	5 55	21 21	21 7	14 30	17 33	5 29
T 11	18 23	23 58	4 12	19 37	0 54	11 37	1 17	1 55	1 25	0 49	1 33	20 36	1 35	9 8	0 46	9 36	1 18	27 22	5 55	21 23	21 8	14 32	17 32	5 29
F 12	18 39	25 37	3 31	20 6	1 0	12 4	1 16	1 40	1 25	0 48	1 32	20 35	1 35	9 7	0 46	9 36	1 18	27 22	5 55	21 25	21 9	14 35	17 32	5 29
S 13	18 54	26 3	2 40	20 34	1 5	12 30	1 14	1 25	1 25	0 47	1 32	20 35	1 35	9 7	0 46	9 36	1 18	27 23	5 55	21 26	21 9	14 38	17 31	5 30
S 14	19 9	25 12	1 41	21 2	1 11	12 57	1 12	1 11	1 25	0 46	1 32	20 34	1 35	9 6	0 46	9 36	1 18	27 23	5 56	21 27	21 10	14 40	17 30	5 30
M15	19 24	23 3	0 35	21 28	1 16	13 23	1 11	0 56	1 25	0 45	1 31	20 33	1 35	9 6	0 46	9 36	1 18	27 23	5 56	21 28	21 10	14 43	17 30	5 30
T 16	19 38	19 43	0n33	21 53	1 22	13 48	1 9	0 42	1 25	0 45	1 31	20 33	1 35	9 5	0 46	9 36	1 18	27 24	5 56	21 28	21 11	14 45	17 29	5 31
W17	19 52	15 21	1 41	22 17	1 27	14 14	1 7	0 27	1 25	0 44	1 31	20 32	1 35	9 5	0 46	9 36	1 18	27 24	5 56	21 27	21 12	14 48	17 29	5 31
T 18	20 6	10 8	2 46	22 40	1 32	14 39	1 5	0 13	1 25	0 44	1 31	20 31	1 35	9 4	0 46	9 36	1 18	27 24	5 56	21 27	21 12	14 50	17 28	5 31
F 19	20 19	4 19	3 42	23 2	1 36	15 3	1 3	0s 2	1 26	0 43	1 30	20 31	1 35	9 4	0 46	9 36	1 18	27 25	5 57	21 27	21 13	14 53	17 28	5 31
S 20	20 32	1n52	4 27	23 23	1 41	15 28	1 1	0 16	1 26	0 43	1 30	20 30	1 34	9 3	0 46	9 36	1 18	27 25	5 57	21 28	21 13	14 55	17 27	5 32
S 21	20 44	8 6	4 56	23 42	1 45	15 52	0 59	0 30	1 26	0 42	1 30	20 29	1 34	9 3	0 46	9 36	1 17	27 25	5 57	21 29	21 14	14 57	17 26	5 32
M22	20 56	14 1	5 7	24 0	1 49	16 15	0 57	0 45	1 26	0 42	1 29	20 29	1 34	9 3	0 46	9 36	1 17	27 26	5 57	21 30	21 15	15 0	17 26	5 32
T 23	21 8	19 11	4 56	24 17	1 53	16 38	0 55	0 59	1 26	0 42	1 29	20 28	1 34	9 2	0 46	9 36	1 17	27 26	5 57	21 31	21 15	15 2	17 25	5 32
W24	21 19	23 8	4 25	24 33	1 56	17 1	0 53	1 14	1 26	0 42	1 29	20 27	1 34	9 2	0 46	9 36	1 17	27 26	5 58	21 32	21 16	15 5	17 25	5 33
T 25	21 30	25 29	3 36	24 47	1 59	17 23	0 51	1 28	1 26	0 42	1 28	20 27	1 34	9 2	0 46	9 36	1 17	27 27	5 58	21 34	21 16	15 7	17 24	5 33
F 26	21 40	26 0	2 33	25 0	2 2	17 44	0 49	1 42	1 26	0 42	1 28	20 26	1 34	9 1	0 46	9 35	1 17	27 27	5 58	21 35	21 17	15 10	17 24	5 33
S 27	21 50	24 45	1 22	25 11	2 5	18 5	0 47	1 56	1 26	0 43	1 28	20 25	1 34	9 1	0 46	9 35	1 17	27 27	5 58	21 35	21 17	15 12	17 23	5 33
S 28	22 0	21 59	0 8	25 21	2 7	18 26	0 44	2 11	1 26	0 43	1 27	20 25	1 34	9 1	0 46	9 35	1 17	27 28	5 58	21 35	21 18	15 15	17 23	5 34
M29	22 9	18 5	1s 4	25 29	2 9	18 46	0 42	2 25	1 26	0 43	1 27	20 24	1 34	9 1	0 46	9 35	1 17	27 28	5 59	21 35	21 19	15 17	17 22	5 34
T 30	22s18	13n26	2s11	25s36	2s10	19s 6	0n40	2s39	1n26	0n44	1s27	20n23	1s34	9n 0	0n46	9s35	1s17	27n28	5n59	21s35	21s19	15s20	17n22	5s34

Julian Day Number = 1979228.5, Delta T = 59m46s
Ecliptic obliquity = 23°36'27, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'40, Lahiri = 5°50'41 Julian Calendar 1 Nov. 706 == Greg. Calendar 5 Nov. 706

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ASTRODIENST EPHEMERIS for the year 706
geocentric

DECEMBER 706 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 50 27	12♐19'41	0♍44	24♐54	28♏47	10♎33	5♈ 9	8°R46	8♍54	8♓39	23°R16	23♉18	24♉44	27♎18	16°R14	W 1
T 2	4 54 24	13°20'52	13° 1	26°28	0♐ 3	11° 9	5°10	8♊41	8°55	8°39	23♋15	23°R19	24°41	27°25	16♊11	T 2
F 3	4 58 21	14°22'04	25° 5	28° 3	1°18	11°44	5°11	8°36	8°55	8°40	23°14	23°18	24°38	27°31	16° 7	F 3
S 4	5 2 17	15°23'17	7♎ 1	29°36	2°34	12°20	5°12	8°31	8°56	8°41	23°13	23°16	24°35	27°38	16° 4	S 4
S 5	5 6 14	16°24'30	18°52	1♉10	3°49	12°56	5°14	8°27	8°56	8°41	23°12	23°12	24°32	27°45	16° 0	S 5
M 6	5 10 10	17°25'44	0♏43	2°43	5° 5	13°32	5°15	8°22	8°57	8°42	23°11	23° 6	24°28	27°51	15°57	M 6
T 7	5 14 7	18°26'58	12°38	4°14	6°20	14° 7	5°17	8°17	8°57	8°42	23°10	23° 0	24°25	27°58	15°53	T 7
W 8	5 18 3	19°28'12	24°40	5°45	7°36	14°43	5°19	8°12	8°57	8°43	23° 9	22°53	24°22	28° 5	15°50	W 8
T 9	5 22 0	20°29'26	6♐49	7°15	8°51	15°19	5°22	8° 7	8°57	8°44	23° 8	22°47	24°19	28°12	15°46	T 9
F 10	5 25 56	21°30'41	19° 8	8°43	10° 7	15°54	5°24	8° 2	8°57	8°45	23° 6	22°42	24°16	28°18	15°43	F 10
S 11	5 29 53	22°31'56	1♉38	10°10	11°22	16°30	5°27	7°58	8°R57	8°46	23° 5	22°38	24°12	28°25	15°39	S 11
S 12	5 33 50	23°33'10	14°19	11°34	12°37	17° 5	5°30	7°53	8°57	8°46	23° 4	22°37	24° 9	28°32	15°36	S 12
M13	5 37 46	24°34'24	27°11	12°56	13°53	17°40	5°33	7°48	8°57	8°47	23° 3	22°D36	24° 6	28°38	15°32	M13
T 14	5 41 43	25°35'38	10♒16	14°15	15° 8	18°16	5°36	7°44	8°57	8°48	23° 2	22°37	24° 3	28°45	15°29	T 14
W15	5 45 39	26°36'51	23°33	15°29	16°24	18°51	5°40	7°39	8°57	8°49	23° 1	22°39	24° 0	28°52	15°26	W15
T 16	5 49 36	27°38'04	7♓ 4	16°40	17°39	19°26	5°43	7°34	8°57	8°50	22°59	22°41	23°57	28°59	15°22	T 16
F 17	5 53 32	28°39'16	20°50	17°46	18°55	20° 1	5°47	7°30	8°56	8°51	22°58	22°42	23°53	29° 5	15°19	F 17
S 18	5 57 29	29°40'28	4♈50	18°46	20°10	20°36	5°51	7°26	8°56	8°52	22°57	22°R42	23°50	29°12	15°15	S 18
S 19	6 1 25	0♉41'39	19° 4	19°39	21°26	21°12	5°56	7°21	8°56	8°53	22°56	22°41	23°47	29°19	15°12	S 19
M20	6 5 22	1°42'49	3♉29	20°25	22°41	21°47	6° 0	7°17	8°55	8°54	22°54	22°39	23°44	29°26	15° 9	M20
T 21	6 9 19	2°43'59	18° 3	21° 3	23°56	22°21	6° 5	7°13	8°55	8°56	22°53	22°36	23°41	29°32	15° 5	T 21
W22	6 13 15	3°45'08	2♊38	21°32	25°12	22°56	6°10	7° 8	8°54	8°57	22°52	22°33	23°38	29°39	15° 2	W22
T 23	6 17 12	4°46'17	17°10	21°50	26°27	23°31	6°15	7° 4	8°53	8°58	22°50	22°31	23°34	29°46	14°59	T 23
F 24	6 21 8	5°47'25	1♋32	21°R58	27°43	24° 6	6°20	7° 0	8°53	8°59	22°49	22°29	23°31	29°52	14°56	F 24
S 25	6 25 5	6°48'32	15°38	21°54	28°58	24°41	6°25	6°56	8°52	9° 0	22°48	22°D28	23°28	29°59	14°53	S 25
S 26	6 29 1	7°49'38	29°25	21°39	0♉13	25°15	6°31	6°52	8°51	9° 2	22°46	22°28	23°25	0♏ 6	14°49	S 26
M27	6 32 58	8°50'44	12♌49	21°12	1°29	25°50	6°37	6°49	8°50	9° 3	22°45	22°29	23°22	0°13	14°46	M27
T 28	6 36 55	9°51'50	25°51	20°34	2°44	26°25	6°42	6°45	8°49	9° 4	22°44	22°30	23°18	0°19	14°43	T 28
W29	6 40 51	10°52'55	8♍31	19°45	3°59	26°59	6°49	6°41	8°48	9° 6	22°42	22°31	23°15	0°26	14°40	W29
T 30	6 44 48	11°53'59	20°54	18°47	5°15	27°33	6°55	6°38	8°47	9° 7	22°41	22°32	23°12	0°33	14°37	T 30
F 31	6 48 44	12♉55'03	3♎ 2	17♉41	6♉30	28♎ 8	7♈ 1	6♊34	8♍46	9♓ 9	22♋40	22♉33	23♉ 9	0♏40	14♊34	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s26	8n21	3s 9	25s42	2s11	19s25	0n38	2s53	1n26	0n44	1s26	20n23	1s34	9n 0	0n46	9s34	1s17	27n29	5n59	21s35	21s20	15s22	17n21	5s34
T 2	22 34	3 4	3 57	25 45	2 12	19 44	0 35	3 7	1 26	0 45	1 26	20 22	1 33	9 0	0 46	9 34	1 17	27 29	5 59	21 35	21 20	15 24	17 20	5 34
F 3	22 41	2s13	4 34	25 47	2 12	20 2	0 33	3 21	1 26	0 46	1 26	20 21	1 33	9 0	0 47	9 34	1 17	27 29	5 59	21 35	21 21	15 27	17 20	5 34
S 4	22 48	7 21	4 58	25 48	2 11	20 19	0 31	3 35	1 26	0 47	1 25	20 21	1 33	9 0	0 47	9 34	1 17	27 30	6 0	21 35	21 21	15 29	17 19	5 35
S 5	22 54	12 12	5 10	25 46	2 10	20 36	0 28	3 49	1 26	0 47	1 25	20 20	1 33	9 0	0 47	9 33	1 17	27 30	6 0	21 36	21 22	15 32	17 19	5 35
M 6	23 1	16 36	5 8	25 43	2 9	20 52	0 26	4 3	1 26	0 48	1 25	20 19	1 33	9 0	0 47	9 33	1 17	27 31	6 0	21 37	21 23	15 34	17 18	5 35
T 7	23 6	20 23	4 53	25 39	2 6	21 8	0 23	4 17	1 26	0 49	1 24	20 19	1 33	8 59	0 47	9 33	1 17	27 31	6 0	21 38	21 23	15 37	17 18	5 35
W 8	23 11	23 20	4 24	25 32	2 3	21 23	0 21	4 31	1 26	0 51	1 24	20 18	1 33	8 59	0 47	9 33	1 17	27 31	6 0	21 39	21 24	15 39	17 18	5 35
T 9	23 16	25 17	3 44	25 24	2 0	21 37	0 19	4 45	1 26	0 52	1 24	20 18	1 33	8 59	0 47	9 32	1 17	27 32	6 0	21 40	21 24	15 41	17 17	5 35
F 10	23 20	26 2	2 53	25 14	1 56	21 51	0 16	4 59	1 26	0 53	1 23	20 17	1 32	8 59	0 47	9 32	1 17	27 32	6 1	21 41	21 25	15 44	17 17	5 35
S 11	23 24	25 28	1 52	25 3	1 50	22 4	0 14	5 12	1 26	0 55	1 23	20 16	1 32	8 59	0 47	9 32	1 17	27 32	6 1	21 41	21 25	15 46	17 16	5 35
S 12	23 27	23 35	0 45	24 50	1 44	22 17	0 11	5 26	1 26	0 56	1 23	20 16	1 32	9 0	0 47	9 31	1 17	27 33	6 1	21 42	21 26	15 49	17 16	5 36
M13	23 30	20 28	0n25	24 36	1 38	22 29	0 9	5 40	1 26	0 58	1 22	20 15	1 32	9 0	0 47	9 31	1 17	27 33	6 1	21 42	21 26	15 51	17 15	5 36
T 14	23 32	16 16	1 35	24 20	1 30	22 40	0 6	5 53	1 26	0 59	1 22	20 15	1 32	9 0	0 47	9 31	1 17	27 33	6 1	21 42	21 27	15 53	17 15	5 36
W15	23 34	11 13	2 42	24 3	1 21	22 50	0 4	6 7	1 26	1 1	1 22	20 14	1 32	9 0	0 47	9 30	1 17	27 34	6 1	21 41	21 28	15 56	17 14	5 36
T 16	23 35	5 34	3 40	23 44	1 11	23 0	0 2	6 20	1 26	1 3	1 21	20 13	1 31	9 0	0 47	9 30	1 17	27 34	6 2	21 41	21 28	15 58	17 14	5 36
F 17	23 36	0n26	4 27	23 25	1 1	23 9	0s 1	6 34	1 26	1 4	1 21	20 13	1 31	9 0	0 47	9 29	1 17	27 34	6 2	21 41	21 29	16 0	17 14	5 36
S 18	23 36	6 31	5 0	23 5	0 49	23 18	0 3	6 47	1 26	1 6	1 21	20 12	1 31	9 0	0 47	9 29	1 17	27 35	6 2	21 41	21 29	16 3	17 13	5 36
S 19	23 36	12 21	5 14	22 45	0 36	23 25	0 6	7 0	1 26	1 8	1 21	20 12	1 31	9 0	0 47	9 28	1 16	27 35	6 2	21 41	21 30	16 5	17 13	5 36
M20	23 36	17 36	5 9	22 24	0 22	23 32	0 8	7 13	1 26	1 10	1 20	20 11	1 31	9 1	0 47	9 28	1 16	27 36	6 2	21 41	21 30	16 8	17 12	5 36
T 21	23 35	21 52	4 44	22 3	0 6	23 39	0 11	7 26	1 25	1 13	1 20	20 11	1 31	9 1	0 47	9 28	1 16	27 36	6 2	21 42	21 31	16 10	17 12	5 36
W22	23 33	24 46	4 1	21 43	0n10	23 44	0 13	7 40	1 25	1 15	1 20	20 10	1 30	9 1	0 47	9 27	1 16	27 36	6 2	21 42	21 31	16 12	17 12	5 36
T 23	23 31	26 1	3 3	21 23	0 27	23 49	0 15	7 53	1 25	1 17	1 19	20 10	1 30	9 1	0 47	9 27	1 16	27 37	6 3	21 43	21 32	16 15	17 11	5 36
F 24	23 29	25 29	1 53	21 4	0 45	23 53	0 18	8 6	1 25	1 19	1 19	20 9	1 30	9 2	0 47	9 26	1 16	27 37	6 3	21 43	21 33	16 17	17 11	5 36
S 25	23 26	23 18	0 38	20 46	1 3	23 56	0 20	8 18	1 25	1 22	1 19	20 9	1 30	9 2	0 47	9 26	1 16	27 37	6 3	21 43	21 33	16 19	17 11	5 36
S 26	23 22	19 48	0s38	20 30	1 22	23 59	0 22	8 31	1 25	1 24	1 18	20 8	1 30	9 2	0 47	9 25	1 16	27 38	6 3	21 43	21 34	16 22	17 10	5 36
M27	23 19	15 19	1 50	20 16	1 41	24 1	0 25	8 44	1 25	1 27	1 18	20 8	1 30	9 3	0 48	9 25	1 16	27 38	6 3	21 43	21 34	16 24	17 10	5 36
T 28	23 14	10 16	2 54	20 3	2 0	24 2	0 27	8 57	1 25	1 29	1 18	20 7	1 29	9 3	0 48	9 24	1 16	27 38	6 3	21 43	21 35	16 26	17 10	5 36
W29	23 9	4 54	3 48	19 53	2 18	24 2	0 29	9 9	1 25	1 32	1 17	20 7	1 29	9 4	0 48	9 23	1 16	27 39	6 3	21 43	21 35	16 28	17 9	5 36
T 30	23 4	0s30	4 30	19 44	2 34	24 2	0 31	9 22	1 25	1 35	1 17	20 6	1 29	9 4	0 48	9 23	1 16	27 39	6 3	21 42	21 36	16 31	17 9	5 36
F 31	22s59	5s46	4s59	19s38	2n50	24s 0	0s34	9s34	1n24	1n38	1s17	20n 6	1s29	9n 4	0n48	9s22	1s16	27n39	6n 3	21s42	21s36	16s33	17n 9	5s36

Julian Day Number = 1979258.5, Delta T = 59m46s
Ecliptic obliquity = 23°36'26, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'44, Lahiri = 5°50'45 Julian Calendar 1 Dec. 706 == Greg. Calendar 5 Dec. 706

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ASTRODIENST EPHEMERIS for the year 707
geocentric

JANUARY 707 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 52 41	13♉56'06	15♎ 0	16°R29	7♉45	28♎42	7♈ 8	6°R31	8°R45	9♓10	22°R38	22°R33	23♉ 6	0♏46	14°R31	S 1
S 2	6 56 37	14°57'09	26°53	15♉14	9° 1	29°16	7°14	6♊27	8♍44	9°11	22♋37	22♉33	23° 3	0°53	14♊29	S 2
M 3	7 0 34	15°58'11	8♏45	13°58	10°16	29°50	7°21	6°24	8°43	9°13	22°36	22°33	22°59	1° 0	14°26	M 3
T 4	7 4 30	16°59'12	20°41	12°42	11°32	0♏24	7°28	6°21	8°42	9°14	22°34	22°32	22°56	1° 6	14°23	T 4
W 5	7 8 27	18° 0'13	2♐46	11°30	12°47	0°58	7°36	6°18	8°40	9°16	22°33	22°31	22°53	1°13	14°20	W 5
T 6	7 12 24	19° 1'13	15° 1	10°23	14° 2	1°32	7°43	6°15	8°39	9°18	22°31	22°31	22°50	1°20	14°17	T 6
F 7	7 16 20	20° 2'12	27°31	9°22	15°17	2° 6	7°51	6°12	8°38	9°19	22°30	22°30	22°47	1°27	14°15	F 7
S 8	7 20 17	21° 3'10	10♑15	8°29	16°33	2°40	7°58	6° 9	8°36	9°21	22°29	22°30	22°44	1°33	14°12	S 8
S 9	7 24 13	22° 4'07	23°16	7°44	17°48	3°14	8° 6	6° 6	8°35	9°23	22°27	22°30	22°40	1°40	14°10	S 9
M10	7 28 10	23° 5'03	6♒32	7° 7	19° 3	3°47	8°14	6° 4	8°33	9°24	22°26	22°30	22°37	1°47	14° 7	M10
T 11	7 32 6	24° 5'58	20° 3	6°39	20°19	4°21	8°22	6° 1	8°32	9°26	22°24	22°30	22°34	1°53	14° 5	T 11
W12	7 36 3	25° 6'51	3♓46	6°19	21°34	4°54	8°31	5°59	8°30	9°28	22°23	22°30	22°31	2° 0	14° 2	W12
T 13	7 39 59	26° 7'42	17°40	6° 8	22°49	5°27	8°39	5°57	8°28	9°29	22°22	22°29	22°28	2° 7	14° 0	T 13
F 14	7 43 56	27° 8'33	1♈42	6°D 5	24° 4	6° 1	8°48	5°54	8°27	9°31	22°20	22°29	22°24	2°14	13°58	F 14
S 15	7 47 53	28° 9'21	15°49	6° 9	25°20	6°34	8°56	5°52	8°25	9°33	22°19	22°29	22°21	2°20	13°56	S 15
S 16	7 51 49	29°10'08	29°59	6°19	26°35	7° 7	9° 5	5°50	8°23	9°35	22°17	22°D28	22°18	2°27	13°53	S 16
M17	7 55 46	0♒10'53	14♉12	6°37	27°50	7°40	9°14	5°49	8°21	9°37	22°16	22°29	22°15	2°34	13°51	M17
T 18	7 59 42	1°11'37	28°23	7° 0	29° 5	8°13	9°23	5°47	8°19	9°39	22°15	22°29	22°12	2°41	13°49	T 18
W19	8 3 39	2°12'19	12♊30	7°29	0♒20	8°45	9°32	5°45	8°17	9°40	22°13	22°30	22° 9	2°47	13°47	W19
T 20	8 7 35	3°13'00	26°31	8° 3	1°36	9°18	9°42	5°44	8°15	9°42	22°12	22°31	22° 5	2°54	13°45	T 20
F 21	8 11 32	4°13'38	10♋24	8°42	2°51	9°50	9°51	5°42	8°13	9°44	22°11	22°32	22° 2	3° 1	13°43	F 21
S 22	8 15 28	5°14'15	24° 5	9°25	4° 6	10°23	10° 1	5°41	8°11	9°46	22° 9	22°R32	21°59	3° 7	13°42	S 22
S 23	8 19 25	6°14'51	7♌32	10°12	5°21	10°55	10°11	5°40	8° 9	9°48	22° 8	22°31	21°56	3°14	13°40	S 23
M24	8 23 22	7°15'25	20°43	11° 2	6°36	11°27	10°21	5°39	8° 7	9°50	22° 6	22°30	21°53	3°21	13°38	M24
T 25	8 27 18	8°15'57	3♍38	11°56	7°51	12° 0	10°31	5°38	8° 5	9°52	22° 5	22°28	21°50	3°28	13°37	T 25
W26	8 31 15	9°16'28	16°15	12°53	9° 6	12°32	10°41	5°37	8° 3	9°54	22° 4	22°26	21°46	3°34	13°35	W26
T 27	8 35 11	10°16'57	28°38	13°52	10°21	13° 3	10°51	5°36	8° 1	9°56	22° 3	22°23	21°43	3°41	13°34	T 27
F 28	8 39 8	11°17'25	10♎47	14°55	11°36	13°35	11° 1	5°35	7°59	9°58	22° 1	22°20	21°40	3°48	13°32	F 28
S 29	8 43 4	12°17'51	22°47	15°59	12°51	14° 7	11°12	5°35	7°56	10° 0	22° 0	22°18	21°37	3°54	13°31	S 29
S 30	8 47 1	13°18'16	4♏41	17° 6	14° 6	14°38	11°22	5°34	7°54	10° 2	21°59	22°17	21°34	4° 1	13°30	S 30
M31	8 50 57	14♒18'40	16♏33	18♉16	15♒21	15♏10	11♈33	5♊34	7♍52	10♓ 4	21♋57	22°D17	21♉30	4♏ 8	13♊29	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s52	10s46	5s14	19s33	3n 3	23s58	0s36	9s47	1n24	1n41	1s17	20n 6	1s29	9n 5	0n48	9s22	1s16	27n40	6n 4	21s42	21s37	16s35	17n 9	5s36
S 2	22 46	15 20	5 16	19 30	3 15	23 56	0 38	9 59	1 24	1 44	1 16	20 5	1 28	9 5	0 48	9 21	1 16	27 40	6 4	21 42	21 37	16 38	17 8	5 36
M 3	22 39	19 19	5 4	19 30	3 24	23 52	0 40	10 11	1 24	1 47	1 16	20 5	1 28	9 6	0 48	9 21	1 16	27 40	6 4	21 42	21 38	16 40	17 8	5 36
T 4	22 31	22 32	4 39	19 30	3 30	23 48	0 42	10 23	1 24	1 50	1 16	20 5	1 28	9 6	0 48	9 20	1 16	27 41	6 4	21 43	21 38	16 42	17 8	5 35
W 5	22 23	24 49	4 2	19 33	3 34	23 43	0 44	10 35	1 24	1 53	1 15	20 4	1 28	9 7	0 48	9 19	1 16	27 41	6 4	21 43	21 39	16 45	17 8	5 35
T 6	22 15	25 57	3 13	19 36	3 36	23 38	0 46	10 47	1 23	1 56	1 15	20 4	1 28	9 7	0 48	9 19	1 16	27 41	6 4	21 43	21 40	16 47	17 7	5 35
F 7	22 6	25 49	2 14	19 41	3 36	23 31	0 48	10 59	1 23	1 59	1 15	20 4	1 27	9 8	0 48	9 18	1 16	27 42	6 4	21 43	21 40	16 49	17 7	5 35
S 8	21 57	24 20	1 7	19 48	3 33	23 24	0 50	11 11	1 23	2 3	1 15	20 3	1 27	9 8	0 48	9 17	1 16	27 42	6 4	21 43	21 41	16 51	17 7	5 35
S 9	21 47	21 31	0n 4	19 55	3 28	23 16	0 52	11 23	1 23	2 6	1 14	20 3	1 27	9 9	0 48	9 17	1 16	27 42	6 4	21 43	21 41	16 54	17 7	5 35
M10	21 37	17 32	1 17	20 3	3 22	23 8	0 54	11 34	1 23	2 9	1 14	20 3	1 27	9 10	0 48	9 16	1 16	27 43	6 4	21 43	21 42	16 56	17 7	5 35
T 11	21 27	12 35	2 27	20 11	3 15	22 59	0 56	11 46	1 22	2 13	1 14	20 3	1 26	9 10	0 48	9 15	1 16	27 43	6 4	21 43	21 42	16 58	17 7	5 35
W12	21 16	6 57	3 29	20 21	3 7	22 49	0 58	11 57	1 22	2 16	1 14	20 2	1 26	9 11	0 48	9 15	1 16	27 43	6 4	21 43	21 43	17 0	17 6	5 35
T 13	21 4	0 55	4 20	20 31	2 57	22 38	0 59	12 9	1 22	2 20	1 13	20 2	1 26	9 12	0 48	9 14	1 16	27 44	6 5	21 43	21 43	17 3	17 6	5 34
F 14	20 53	5n12	4 56	20 41	2 47	22 27	1 1	12 20	1 22	2 24	1 13	20 2	1 26	9 12	0 48	9 13	1 16	27 44	6 5	21 43	21 44	17 5	17 6	5 34
S 15	20 41	11 6	5 15	20 51	2 37	22 15	1 3	12 31	1 21	2 27	1 13	20 2	1 26	9 13	0 48	9 13	1 16	27 44	6 5	21 43	21 44	17 7	17 6	5 34
S 16	20 28	16 26	5 14	21 1	2 26	22 2	1 4	12 42	1 21	2 31	1 13	20 2	1 25	9 14	0 48	9 12	1 16	27 45	6 5	21 43	21 45	17 9	17 6	5 34
M17	20 15	20 53	4 55	21 12	2 15	21 49	1 6	12 53	1 21	2 35	1 12	20 2	1 25	9 14	0 48	9 11	1 16	27 45	6 5	21 43	21 45	17 11	17 6	5 34
T 18	20 2	24 7	4 17	21 22	2 4	21 35	1 7	13 4	1 21	2 39	1 12	20 2	1 25	9 15	0 48	9 11	1 16	27 45	6 5	21 43	21 46	17 14	17 6	5 34
W19	19 48	25 49	3 24	21 31	1 52	21 20	1 9	13 15	1 20	2 42	1 12	20 2	1 25	9 16	0 48	9 10	1 16	27 45	6 5	21 43	21 46	17 16	17 6	5 33
T 20	19 34	25 53	2 19	21 41	1 41	21 5	1 10	13 26	1 20	2 46	1 12	20 2	1 24	9 17	0 48	9 9	1 16	27 46	6 5	21 43	21 47	17 18	17 6	5 33
F 21	19 20	24 18	1 7	21 50	1 30	20 49	1 11	13 36	1 20	2 50	1 11	20 2	1 24	9 17	0 48	9 8	1 16	27 46	6 5	21 43	21 47	17 20	17 6	5 33
S 22	19 6	21 18	0s 9	21 58	1 18	20 33	1 13	13 47	1 19	2 54	1 11	20 2	1 24	9 18	0 48	9 8	1 16	27 46	6 5	21 43	21 48	17 23	17 6	5 33
S 23	18 51	17 12	1 22	22 6	1 7	20 16	1 14	13 57	1 19	2 58	1 11	20 2	1 24	9 19	0 48	9 7	1 16	27 46	6 5	21 43	21 48	17 25	17 6	5 33
M24	18 35	12 20	2 30	22 12	0 57	19 58	1 15	14 8	1 19	3 3	1 11	20 2	1 23	9 20	0 48	9 6	1 16	27 47	6 5	21 43	21 49	17 27	17 6	5 32
T 25	18 20	7 1	3 28	22 18	0 46	19 40	1 16	14 18	1 18	3 7	1 10	20 2	1 23	9 21	0 49	9 5	1 16	27 47	6 5	21 43	21 49	17 29	17 6	5 32
W26	18 4	1 33	4 15	22 24	0 35	19 21	1 17	14 28	1 18	3 11	1 10	20 2	1 23	9 21	0 49	9 4	1 16	27 47	6 5	21 44	21 50	17 31	17 6	5 32
T 27	17 47	3s52	4 49	22 28	0 25	19 1	1 18	14 38	1 18	3 15	1 10	20 2	1 23	9 22	0 49	9 4	1 16	27 47	6 5	21 44	21 50	17 33	17 6	5 32
F 28	17 31	9 1	5 9	22 31	0 15	18 41	1 19	14 48	1 17	3 19	1 10	20 2	1 22	9 23	0 49	9 3	1 16	27 48	6 5	21 44	21 51	17 36	17 6	5 32
S 29	17 14	13 47	5 15	22 33	0 5	18 21	1 20	14 58	1 17	3 24	1 9	20 2	1 22	9 24	0 49	9 2	1 16	27 48	6 5	21 45	21 51	17 38	17 6	5 31
S 30	16 57	17 59	5 8	22 34	0s 4	18 0	1 21	15 8	1 16	3 28	1 9	20 2	1 22	9 25	0 49	9 1	1 16	27 48	6 5	21 45	21 52	17 40	17 6	5 31
M31	16s39	21s29	4s47	22s34	0s13	17s39	1s22	15s17	1n16	3n32	1s 9	20n 2	1s22	9n26	0n49	9s 1	1s16	27n48	6n 5	21s45	21s52	17s42	17n 6	5s31

Julian Day Number = 1979289.5, Delta T = 59m45s
Ecliptic obliquity = 23°36'26, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'49, Lahiri = 5°50'49 Julian Calendar 1 Jan. 707 == Greg. Calendar 5 Jan. 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

FEBRUARY 707 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 54 54	15♒19'02	28♏29	19♑27	16♒36	15♏41	11♈44	5°R34	7°R50	10♓ 6	21°R56	22♑17	21♑27	4♏15	13°R27	T 1
W 2	8 58 51	16°19'23	10♐33	20°40	17°51	16°12	11°54	5°D34	7♍47	10° 9	21♋55	22°19	21°24	4°21	13♊26	W 2
T 3	9 2 47	17°19'42	22°50	21°54	19° 6	16°43	12° 5	5♊34	7°45	10°11	21°54	22°20	21°21	4°28	13°25	T 3
F 4	9 6 44	18°19'59	5♑24	23°11	20°21	17°14	12°16	5°34	7°42	10°13	21°52	22°22	21°18	4°35	13°24	F 4
S 5	9 10 40	19°20'15	18°17	24°29	21°36	17°45	12°28	5°34	7°40	10°15	21°51	22°R23	21°15	4°42	13°24	S 5
S 6	9 14 37	20°20'30	1♒33	25°48	22°51	18°15	12°39	5°34	7°38	10°17	21°50	22°23	21°11	4°48	13°23	S 6
M 7	9 18 33	21°20'42	15°10	27° 9	24° 6	18°46	12°50	5°35	7°35	10°19	21°49	22°21	21° 8	4°55	13°22	M 7
T 8	9 22 30	22°20'53	29° 6	28°32	25°21	19°16	13° 2	5°36	7°33	10°21	21°48	22°18	21° 5	5° 2	13°22	T 8
W 9	9 26 26	23°21'01	13♓19	29°55	26°36	19°46	13°13	5°36	7°30	10°24	21°46	22°14	21° 2	5° 8	13°21	W 9
T 10	9 30 23	24°21'08	27°42	1♒20	27°51	20°16	13°25	5°37	7°28	10°26	21°45	22° 9	20°59	5°15	13°20	T 10
F 11	9 34 20	25°21'12	12♈10	2°47	29° 6	20°46	13°37	5°38	7°25	10°28	21°44	22° 4	20°55	5°22	13°20	F 11
S 12	9 38 16	26°21'14	26°38	4°14	0♓21	21°15	13°48	5°39	7°23	10°30	21°43	22° 0	20°52	5°29	13°20	S 12
S 13	9 42 13	27°21'15	11♉ 0	5°43	1°35	21°45	14° 0	5°40	7°20	10°32	21°42	21°57	20°49	5°35	13°19	S 13
M14	9 46 9	28°21'12	25°13	7°13	2°50	22°14	14°12	5°42	7°17	10°35	21°41	21°D56	20°46	5°42	13°19	M14
T 15	9 50 6	29°21'08	9♊14	8°44	4° 5	22°43	14°24	5°43	7°15	10°37	21°40	21°56	20°43	5°49	13°19	T 15
W16	9 54 2	0♓21'02	23° 4	10°17	5°20	23°12	14°36	5°44	7°12	10°39	21°39	21°57	20°40	5°55	13°D19	W16
T 17	9 57 59	1°20'53	6♋42	11°51	6°34	23°40	14°49	5°46	7°10	10°41	21°38	21°59	20°36	6° 2	13°19	T 17
F 18	10 1 55	2°20'41	20° 8	13°25	7°49	24° 9	15° 1	5°48	7° 7	10°44	21°37	22°R 0	20°33	6° 9	13°19	F 18
S 19	10 5 52	3°20'28	3♌23	15° 1	9° 4	24°37	15°13	5°50	7° 5	10°46	21°36	21°59	20°30	6°16	13°19	S 19
S 20	10 9 49	4°20'12	16°26	16°39	10°19	25° 5	15°26	5°52	7° 2	10°48	21°35	21°56	20°27	6°22	13°20	S 20
M21	10 13 45	5°19'54	29°17	18°17	11°33	25°33	15°38	5°54	6°59	10°50	21°34	21°52	20°24	6°29	13°20	M21
T 22	10 17 42	6°19'34	11♍56	19°57	12°48	26° 1	15°51	5°56	6°57	10°53	21°33	21°45	20°21	6°36	13°20	T 22
W23	10 21 38	7°19'12	24°24	21°38	14° 2	26°28	16° 3	5°58	6°54	10°55	21°32	21°37	20°17	6°42	13°21	W23
T 24	10 25 35	8°18'48	6♎41	23°20	15°17	26°56	16°16	6° 0	6°51	10°57	21°31	21°28	20°14	6°49	13°21	T 24
F 25	10 29 31	9°18'22	18°47	25° 3	16°32	27°23	16°29	6° 3	6°49	11° 0	21°30	21°19	20°11	6°56	13°22	F 25
S 26	10 33 28	10°17'54	0♏45	26°48	17°46	27°50	16°42	6° 5	6°46	11° 2	21°29	21°12	20° 8	7° 3	13°23	S 26
S 27	10 37 24	11°17'25	12°38	28°34	19° 1	28°16	16°54	6° 8	6°44	11° 4	21°28	21° 5	20° 5	7° 9	13°24	S 27
M28	10 41 21	12♓16'53	24♏29	0♓21	20♓15	28♏43	17♈ 7	6♊11	6♍41	11♓ 6	21♋28	21♑ 1	20♑ 1	7♏16	13♊24	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s21	24s 6	4s14	22s33	0s22	17s17	1s22	15s27	1n16	3n37	1s 9	20n 3	1s22	9n27	0n49	9s 0	1s16	27n49	6n 5	21s45	21s53	17s44	17n 6	5s31
W 2	16 3	25 39	3 30	22 31	0 31	16 54	1 23	15 36	1 15	3 41	1 9	20 3	1 21	9 28	0 49	8 59	1 16	27 49	6 5	21 45	21 53	17 46	17 6	5 31
T 3	15 45	26 0	2 35	22 27	0 39	16 31	1 24	15 45	1 15	3 46	1 8	20 3	1 21	9 29	0 49	8 58	1 15	27 49	6 5	21 44	21 54	17 48	17 6	5 30
F 4	15 26	25 2	1 32	22 22	0 47	16 8	1 24	15 55	1 14	3 50	1 8	20 3	1 21	9 29	0 49	8 57	1 15	27 49	6 5	21 44	21 54	17 51	17 6	5 30
S 5	15 8	22 43	0 22	22 16	0 55	15 44	1 25	16 4	1 14	3 55	1 8	20 4	1 21	9 30	0 49	8 56	1 15	27 49	6 5	21 44	21 55	17 53	17 7	5 30
S 6	14 48	19 9	0n50	22 9	1 2	15 20	1 25	16 13	1 13	4 0	1 8	20 4	1 20	9 31	0 49	8 56	1 15	27 50	6 5	21 44	21 55	17 55	17 7	5 30
M 7	14 29	14 28	2 2	22 0	1 9	14 55	1 25	16 22	1 13	4 4	1 8	20 4	1 20	9 32	0 49	8 55	1 15	27 50	6 5	21 44	21 56	17 57	17 7	5 29
T 8	14 10	8 56	3 7	21 50	1 16	14 30	1 26	16 30	1 12	4 9	1 7	20 5	1 20	9 33	0 49	8 54	1 15	27 50	6 5	21 45	21 56	17 59	17 7	5 29
W 9	13 50	2 52	4 3	21 39	1 22	14 5	1 26	16 39	1 12	4 13	1 7	20 5	1 20	9 34	0 49	8 53	1 15	27 50	6 5	21 46	21 57	18 1	17 7	5 29
T 10	13 30	3n25	4 44	21 26	1 28	13 39	1 26	16 48	1 11	4 18	1 7	20 5	1 19	9 35	0 49	8 52	1 15	27 50	6 5	21 46	21 57	18 3	17 7	5 29
F 11	13 10	9 32	5 7	21 12	1 34	13 13	1 26	16 56	1 10	4 23	1 7	20 6	1 19	9 36	0 49	8 51	1 15	27 51	6 5	21 47	21 58	18 5	17 8	5 28
S 12	12 49	15 9	5 10	20 56	1 39	12 46	1 26	17 5	1 10	4 28	1 7	20 6	1 19	9 37	0 49	8 51	1 15	27 51	6 5	21 48	21 58	18 7	17 8	5 28
S 13	12 29	19 53	4 55	20 39	1 44	12 19	1 26	17 13	1 9	4 33	1 6	20 7	1 19	9 38	0 49	8 50	1 15	27 51	6 5	21 48	21 59	18 10	17 8	5 28
M14	12 8	23 25	4 21	20 20	1 48	11 52	1 26	17 21	1 9	4 37	1 6	20 7	1 18	9 39	0 49	8 49	1 15	27 51	6 5	21 48	21 59	18 12	17 8	5 28
T 15	11 47	25 28	3 32	20 0	1 52	11 25	1 26	17 29	1 8	4 42	1 6	20 8	1 18	9 40	0 49	8 48	1 15	27 51	6 5	21 48	22 0	18 14	17 9	5 27
W16	11 26	25 56	2 31	19 39	1 56	10 57	1 25	17 37	1 7	4 47	1 6	20 8	1 18	9 41	0 49	8 47	1 15	27 51	6 5	21 48	22 0	18 16	17 9	5 27
T 17	11 4	24 48	1 22	19 16	2 0	10 29	1 25	17 45	1 7	4 52	1 6	20 9	1 18	9 42	0 49	8 46	1 15	27 51	6 5	21 48	22 1	18 18	17 9	5 27
F 18	10 43	22 15	0 10	18 52	2 3	10 0	1 25	17 53	1 6	4 57	1 5	20 9	1 18	9 43	0 49	8 45	1 15	27 52	6 5	21 48	22 1	18 20	17 9	5 27
S 19	10 21	18 33	1s 1	18 26	2 5	9 32	1 24	18 0	1 5	5 2	1 5	20 10	1 17	9 44	0 49	8 45	1 15	27 52	6 5	21 48	22 2	18 22	17 10	5 26
S 20	9 59	13 59	2 8	17 59	2 7	9 3	1 24	18 8	1 4	5 7	1 5	20 10	1 17	9 45	0 49	8 44	1 15	27 52	6 5	21 48	22 2	18 24	17 10	5 26
M21	9 37	8 52	3 8	17 30	2 9	8 34	1 23	18 15	1 4	5 12	1 5	20 11	1 17	9 46	0 49	8 43	1 15	27 52	6 5	21 49	22 3	18 26	17 10	5 26
T 22	9 15	3 29	3 57	17 0	2 10	8 4	1 23	18 23	1 3	5 17	1 5	20 11	1 17	9 47	0 49	8 42	1 15	27 52	6 5	21 50	22 3	18 28	17 10	5 26
W23	8 53	1s57	4 34	16 28	2 11	7 35	1 22	18 30	1 2	5 22	1 5	20 12	1 16	9 48	0 49	8 41	1 15	27 52	6 5	21 51	22 4	18 30	17 11	5 25
T 24	8 31	7 12	4 57	15 54	2 12	7 5	1 21	18 37	1 1	5 27	1 4	20 13	1 16	9 49	0 49	8 40	1 15	27 52	6 5	21 53	22 4	18 32	17 11	5 25
F 25	8 8	12 8	5 7	15 20	2 12	6 35	1 21	18 44	1 0	5 32	1 4	20 13	1 16	9 50	0 49	8 39	1 15	27 52	6 5	21 54	22 5	18 34	17 11	5 25
S 26	7 46	16 32	5 3	14 43	2 11	6 5	1 20	18 51	0 59	5 37	1 4	20 14	1 16	9 51	0 49	8 39	1 15	27 52	6 5	21 55	22 5	18 36	17 12	5 25
S 27	7 23	20 16	4 46	14 5	2 10	5 35	1 19	18 58	0 59	5 42	1 4	20 15	1 15	9 52	0 49	8 38	1 15	27 53	6 5	21 56	22 6	18 38	17 12	5 24
M28	7s 0	23s10	4s17	13s26	2s 9	5s 5	1s18	19s 4	0n58	5n47	1s 4	20n15	1s15	9n53	0n49	8s37	1s15	27n53	6n 4	21s57	22s 6	18s40	17n13	5s24

Julian Day Number = 1979320.5, Delta T = 59m44s
Ecliptic obliquity = 23°36'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'53, Lahiri = 5°50'53 Julian Calendar 1 Feb. 707 == Greg. Calendar 5 Feb. 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

MARCH 707 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 45 18	13♓16'20	6♐24	2♓ 9	21♓30	29♏ 9	17♈20	6♊14	6°R38	11♓ 9	21°R27	20°R59	19♑58	7♏23	13♊25	T 1
W 2	10 49 14	14°15'45	18°25	3°59	22°44	29°35	17°33	6°17	6♍36	11°11	21♋26	20°D59	19°55	7°29	13°26	W 2
T 3	10 53 11	15°15'08	0♑40	5°50	23°59	0♐ 0	17°47	6°20	6°33	11°13	21°25	21♑ 0	19°52	7°36	13°27	T 3
F 4	10 57 7	16°14'29	13°12	7°42	25°13	0°26	18° 0	6°23	6°31	11°15	21°25	21° 1	19°49	7°43	13°28	F 4
S 5	11 1 4	17°13'48	26° 7	9°36	26°27	0°51	18°13	6°26	6°28	11°18	21°24	21°R 1	19°46	7°50	13°30	S 5
S 6	11 5 0	18°13'06	9♒27	11°31	27°42	1°15	18°26	6°30	6°26	11°20	21°23	21° 0	19°42	7°56	13°31	S 6
M 7	11 8 57	19°12'21	23°14	13°27	28°56	1°40	18°40	6°33	6°23	11°22	21°23	20°56	19°39	8° 3	13°32	M 7
T 8	11 12 53	20°11'34	7♓27	15°25	0♈11	2° 4	18°53	6°37	6°21	11°25	21°22	20°49	19°36	8°10	13°34	T 8
W 9	11 16 50	21°10'46	22° 2	17°23	1°25	2°28	19° 6	6°40	6°18	11°27	21°21	20°41	19°33	8°16	13°35	W 9
T 10	11 20 46	22° 9'55	6♈51	19°23	2°39	2°52	19°20	6°44	6°16	11°29	21°21	20°31	19°30	8°23	13°37	T 10
F 11	11 24 43	23° 9'02	21°47	21°24	3°53	3°15	19°33	6°48	6°13	11°31	21°20	20°22	19°27	8°30	13°38	F 11
S 12	11 28 40	24° 8'07	6♉40	23°26	5° 8	3°38	19°47	6°52	6°11	11°33	21°20	20°13	19°23	8°37	13°40	S 12
S 13	11 32 36	25° 7'10	21°22	25°29	6°22	4° 0	20° 1	6°56	6° 8	11°36	21°19	20° 7	19°20	8°43	13°42	S 13
M14	11 36 33	26° 6'10	5♊47	27°33	7°36	4°23	20°14	7° 0	6° 6	11°38	21°19	20° 3	19°17	8°50	13°43	M14
T 15	11 40 29	27° 5'08	19°53	29°38	8°50	4°45	20°28	7° 4	6° 3	11°40	21°18	20° 2	19°14	8°57	13°45	T 15
W16	11 44 26	28° 4'04	3♋40	1♈42	10° 5	5° 6	20°42	7° 9	6° 1	11°42	21°18	20°D 1	19°11	9° 4	13°47	W16
T 17	11 48 22	29° 2'57	17° 7	3°48	11°19	5°28	20°55	7°13	5°59	11°45	21°17	20°R 2	19° 7	9°10	13°49	T 17
F 18	11 52 19	0♈ 1'48	0♌17	5°53	12°33	5°48	21° 9	7°17	5°56	11°47	21°17	20° 1	19° 4	9°17	13°51	F 18
S 19	11 56 15	1° 0'37	13°12	7°58	13°47	6° 9	21°23	7°22	5°54	11°49	21°17	19°59	19° 1	9°24	13°53	S 19
S 20	12 0 12	1°59'23	25°56	10° 2	15° 1	6°29	21°37	7°27	5°52	11°51	21°16	19°54	18°58	9°30	13°56	S 20
M21	12 4 9	2°58'07	8♍28	12° 6	16°15	6°49	21°51	7°31	5°50	11°53	21°16	19°47	18°55	9°37	13°58	M21
T 22	12 8 5	3°56'48	20°51	14° 8	17°29	7° 8	22° 4	7°36	5°47	11°55	21°16	19°37	18°52	9°44	14° 0	T 22
W23	12 12 2	4°55'28	3♎ 6	16° 9	18°43	7°27	22°18	7°41	5°45	11°58	21°16	19°24	18°48	9°51	14° 3	W23
T 24	12 15 58	5°54'06	15°13	18° 8	19°57	7°46	22°32	7°46	5°43	12° 0	21°15	19°11	18°45	9°57	14° 5	T 24
F 25	12 19 55	6°52'42	27°13	20° 5	21°11	8° 4	22°46	7°51	5°41	12° 2	21°15	18°57	18°42	10° 4	14° 8	F 25
S 26	12 23 51	7°51'16	9♏ 8	21°59	22°25	8°22	23° 0	7°56	5°39	12° 4	21°15	18°45	18°39	10°11	14°10	S 26
S 27	12 27 48	8°49'48	21° 0	23°50	23°38	8°39	23°14	8° 2	5°37	12° 6	21°15	18°35	18°36	10°17	14°13	S 27
M28	12 31 44	9°48'18	2♐50	25°39	24°52	8°56	23°28	8° 7	5°35	12° 8	21°15	18°27	18°32	10°24	14°15	M28
T 29	12 35 41	10°46'47	14°43	27°24	26° 6	9°12	23°42	8°12	5°33	12°10	21°15	18°22	18°29	10°31	14°18	T 29
W30	12 39 38	11°45'14	26°44	29° 5	27°20	9°28	23°57	8°18	5°31	12°12	21°15	18°20	18°26	10°37	14°21	W30
T 31	12 43 34	12♈43'39	8♑56	0♉42	28♈34	9♐43	24♈11	8♊23	5♍29	12♓14	21♋15	18♑19	18♑23	10♏44	14♊24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s37	25s 5	3s36	12s45	2s 7	4s34	1s17	19s11	0n57	5n53	1s 4	20n16	1s15	9n54	0n49	8s36	1s16	27n53	6n 4	21s57	22s 7	18s42	17n13	5s24
W 2	6 14	25 51	2 46	12 3	2 4	4 4	1 16	19 18	0 56	5 58	1 4	20 17	1 15	9 54	0 49	8 35	1 16	27 53	6 4	21 57	22 7	18 44	17 13	5 23
T 3	5 51	25 23	1 47	11 19	2 1	3 33	1 14	19 24	0 55	6 3	1 3	20 18	1 15	9 55	0 49	8 34	1 16	27 53	6 4	21 57	22 8	18 46	17 14	5 23
F 4	5 28	23 38	0 42	10 34	1 58	3 2	1 13	19 30	0 54	6 8	1 3	20 18	1 14	9 56	0 49	8 33	1 16	27 53	6 4	21 57	22 8	18 48	17 14	5 23
S 5	5 5	20 38	0n27	9 47	1 54	2 31	1 12	19 37	0 53	6 13	1 3	20 19	1 14	9 57	0 49	8 32	1 16	27 53	6 4	21 57	22 8	18 50	17 14	5 23
S 6	4 41	16 27	1 37	8 59	1 49	2 0	1 11	19 43	0 52	6 18	1 3	20 20	1 14	9 58	0 49	8 32	1 16	27 53	6 4	21 57	22 9	18 52	17 15	5 22
M 7	4 18	11 18	2 43	8 9	1 44	1 29	1 9	19 49	0 51	6 24	1 3	20 21	1 14	9 59	0 49	8 31	1 16	27 53	6 4	21 58	22 9	18 54	17 15	5 22
T 8	3 55	5 24	3 42	7 18	1 39	0 58	1 8	19 55	0 49	6 29	1 3	20 22	1 13	10 0	0 49	8 30	1 16	27 53	6 4	21 59	22 10	18 56	17 16	5 22
W 9	3 31	0n54	4 27	6 26	1 33	0 27	1 6	20 1	0 48	6 34	1 3	20 22	1 13	10 1	0 49	8 29	1 16	27 53	6 4	22 0	22 10	18 58	17 16	5 22
T 10	3 8	7 15	4 55	5 33	1 26	0n 4	1 5	20 6	0 47	6 39	1 2	20 23	1 13	10 2	0 49	8 28	1 16	27 53	6 4	22 2	22 11	19 0	17 17	5 21
F 11	2 44	13 13	5 3	4 38	1 19	0 36	1 3	20 12	0 46	6 45	1 2	20 24	1 13	10 3	0 49	8 27	1 16	27 53	6 4	22 3	22 11	19 2	17 17	5 21
S 12	2 21	18 24	4 51	3 43	1 11	1 7	1 1	20 18	0 45	6 50	1 2	20 25	1 13	10 4	0 49	8 27	1 16	27 53	6 4	22 4	22 12	19 4	17 17	5 21
S 13	1 57	22 24	4 20	2 46	1 3	1 38	1 0	20 23	0 43	6 55	1 2	20 26	1 12	10 5	0 49	8 26	1 16	27 53	6 4	22 5	22 12	19 6	17 18	5 21
M14	1 34	24 54	3 32	1 48	0 54	2 9	0 58	20 29	0 42	7 0	1 2	20 27	1 12	10 6	0 49	8 25	1 16	27 53	6 4	22 6	22 13	19 8	17 18	5 20
T 15	1 10	25 46	2 33	0 50	0 45	2 40	0 56	20 34	0 41	7 6	1 2	20 28	1 12	10 6	0 49	8 24	1 16	27 53	6 3	22 6	22 13	19 10	17 19	5 20
W16	0 46	24 59	1 26	0n 9	0 35	3 11	0 54	20 39	0 39	7 11	1 2	20 29	1 12	10 7	0 49	8 23	1 16	27 53	6 3	22 6	22 13	19 12	17 19	5 20
T 17	0 23	22 46	0 16	1 8	0 25	3 42	0 52	20 45	0 38	7 16	1 2	20 29	1 12	10 8	0 49	8 22	1 16	27 53	6 3	22 6	22 14	19 14	17 20	5 20
F 18	0n 1	19 21	0s54	2 8	0 15	4 13	0 51	20 50	0 36	7 22	1 1	20 30	1 11	10 9	0 49	8 22	1 16	27 53	6 3	22 6	22 14	19 15	17 20	5 19
S 19	0 24	15 4	2 0	3 7	0 4	4 44	0 49	20 55	0 35	7 27	1 1	20 31	1 11	10 10	0 49	8 21	1 16	27 53	6 3	22 6	22 15	19 17	17 21	5 19
S 20	0 48	10 10	2 58	4 6	0n 7	5 14	0 47	21 0	0 33	7 32	1 1	20 32	1 11	10 11	0 49	8 20	1 16	27 53	6 3	22 7	22 15	19 19	17 21	5 19
M21	1 11	4 57	3 47	5 5	0 18	5 45	0 44	21 5	0 32	7 37	1 1	20 33	1 11	10 11	0 49	8 19	1 16	27 53	6 3	22 8	22 16	19 21	17 22	5 19
T 22	1 35	0s23	4 24	6 4	0 29	6 15	0 42	21 9	0 30	7 43	1 1	20 34	1 11	10 12	0 49	8 18	1 16	27 53	6 3	22 10	22 16	19 23	17 22	5 19
W23	1 58	5 39	4 48	7 1	0 41	6 46	0 40	21 14	0 29	7 48	1 1	20 35	1 10	10 13	0 49	8 18	1 16	27 53	6 3	22 12	22 17	19 25	17 23	5 18
T 24	2 22	10 38	4 59	7 58	0 52	7 16	0 38	21 19	0 27	7 53	1 1	20 36	1 10	10 14	0 49	8 17	1 16	27 53	6 3	22 13	22 17	19 27	17 23	5 18
F 25	2 45	15 10	4 57	8 52	1 3	7 46	0 36	21 23	0 25	7 59	1 1	20 37	1 10	10 15	0 49	8 16	1 16	27 53	6 3	22 15	22 18	19 29	17 24	5 18
S 26	3 8	19 5	4 42	9 46	1 14	8 16	0 34	21 28	0 24	8 4	1 1	20 38	1 10	10 15	0 48	8 15	1 16	27 53	6 3	22 17	22 18	19 31	17 24	5 18
S 27	3 31	22 13	4 14	10 38	1 25	8 45	0 31	21 32	0 22	8 9	1 1	20 39	1 10	10 16	0 48	8 14	1 16	27 53	6 2	22 19	22 18	19 32	17 25	5 17
M28	3 55	24 24	3 36	11 27	1 35	9 15	0 29	21 37	0 20	8 15	1 0	20 40	1 9	10 17	0 48	8 14	1 16	27 53	6 2	22 20	22 19	19 34	17 25	5 17
T 29	4 18	25 30	2 48	12 15	1 45	9 44	0 27	21 41	0 18	8 20	1 0	20 41	1 9	10 18	0 48	8 13	1 16	27 53	6 2	22 20	22 19	19 36	17 26	5 17
W30	4 41	25 26	1 52	13 0	1 54	10 13	0 24	21 46	0 16	8 25	1 0	20 42	1 9	10 18	0 48	8 12	1 16	27 52	6 2	22 21	22 20	19 38	17 26	5 17
T 31	5n 4	24s 8	0s50	13n43	2n 3	10n42	0s22	21s50	0n14	8n30	1s 0	20n43	1s 9	10n19	0n48	8s11	1s16	27n52	6n 2	22s21	22s20	19s40	17n27	5s17

Julian Day Number = 1979348.5, Delta T = 59m43s
Ecliptic obliquity = 23°36'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°43'57, Lahiri = 5°50'57 Julian Calendar 1 March 707 == Greg. Calendar 5 March 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

APRIL 707 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 47 31	13♈42'02	21♉25	2♉15	29♈47	9♐58	24♈25	8♊29	5°R27	12♓16	21°D15	18°R19	18♉20	10♏51	14♊27	F 1
S 2	12 51 27	14°40'24	4♒16	3°45	1♉ 1	10°12	24°39	8°34	5♍25	12°18	21♋15	18♉19	18°17	10°58	14°30	S 2
S 3	12 55 24	15°38'45	17°33	5° 9	2°15	10°26	24°53	8°40	5°23	12°20	21°15	18°17	18°13	11° 4	14°33	S 3
M 4	12 59 20	16°37'03	1♓19	6°30	3°28	10°39	25° 7	8°46	5°22	12°22	21°15	18°12	18°10	11°11	14°36	M 4
T 5	13 3 17	17°35'20	15°35	7°46	4°42	10°52	25°21	8°52	5°20	12°24	21°15	18° 5	18° 7	11°18	14°39	T 5
W 6	13 7 13	18°33'36	0♈18	8°57	5°56	11° 4	25°36	8°58	5°18	12°26	21°15	17°55	18° 4	11°24	14°42	W 6
T 7	13 11 10	19°31'49	15°20	10° 3	7° 9	11°16	25°50	9° 4	5°17	12°28	21°15	17°44	18° 1	11°31	14°45	T 7
F 8	13 15 7	20°30'01	0♉33	11° 4	8°23	11°26	26° 4	9°10	5°15	12°30	21°15	17°33	17°58	11°38	14°49	F 8
S 9	13 19 3	21°28'11	15°46	12° 1	9°36	11°37	26°18	9°16	5°13	12°32	21°16	17°23	17°54	11°45	14°52	S 9
S 10	13 23 0	22°26'20	0♊47	12°52	10°50	11°47	26°32	9°22	5°12	12°33	21°16	17°15	17°51	11°51	14°55	S 10
M11	13 26 56	23°24'26	15°29	13°39	12° 3	11°56	26°47	9°28	5°10	12°35	21°16	17°10	17°48	11°58	14°59	M11
T 12	13 30 53	24°22'31	29°48	14°20	13°17	12° 4	27° 1	9°34	5° 9	12°37	21°16	17° 8	17°45	12° 5	15° 2	T 12
W13	13 34 49	25°20'33	13♋40	14°57	14°30	12°12	27°15	9°41	5° 8	12°39	21°17	17°D 7	17°42	12°11	15° 6	W13
T 14	13 38 46	26°18'34	27° 8	15°28	15°44	12°19	27°29	9°47	5° 6	12°41	21°17	17°R 7	17°38	12°18	15°10	T 14
F 15	13 42 42	27°16'32	10♌14	15°53	16°57	12°26	27°44	9°54	5° 5	12°42	21°17	17° 7	17°35	12°25	15°13	F 15
S 16	13 46 39	28°14'28	23° 1	16°14	18°10	12°32	27°58	10° 0	5° 4	12°44	21°18	17° 4	17°32	12°32	15°17	S 16
S 17	13 50 36	29°12'23	5♍33	16°29	19°23	12°37	28°12	10° 7	5° 3	12°46	21°18	17° 0	17°29	12°38	15°21	S 17
M18	13 54 32	0♉10'16	17°54	16°40	20°37	12°42	28°26	10°13	5° 1	12°48	21°19	16°53	17°26	12°45	15°24	M18
T 19	13 58 29	1° 8'07	0♎ 5	16°45	21°50	12°45	28°40	10°20	5° 0	12°49	21°19	16°43	17°23	12°52	15°28	T 19
W20	14 2 25	2° 5'56	12° 9	16°R45	23° 3	12°49	28°55	10°27	4°59	12°51	21°20	16°31	17°19	12°58	15°32	W20
T 21	14 6 22	3° 3'43	24° 7	16°40	24°16	12°51	29° 9	10°34	4°58	12°53	21°20	16°18	17°16	13° 5	15°36	T 21
F 22	14 10 18	4° 1'30	6♏ 2	16°30	25°29	12°53	29°23	10°40	4°57	12°54	21°21	16° 5	17°13	13°12	15°40	F 22
S 23	14 14 15	4°59'14	17°54	16°17	26°43	12°54	29°37	10°47	4°56	12°56	21°21	15°53	17°10	13°19	15°44	S 23
S 24	14 18 11	5°56'58	29°45	15°59	27°56	12°R54	29°51	10°54	4°55	12°57	21°22	15°43	17° 7	13°25	15°48	S 24
M25	14 22 8	6°54'40	11♐37	15°37	29° 9	12°54	0♉ 6	11° 1	4°55	12°59	21°23	15°35	17° 4	13°32	15°52	M25
T 26	14 26 4	7°52'21	23°32	15°12	0♊22	12°52	0°20	11° 8	4°54	13° 0	21°23	15°31	17° 0	13°39	15°56	T 26
W27	14 30 1	8°50'00	5♑35	14°44	1°35	12°50	0°34	11°15	4°53	13° 2	21°24	15°29	16°57	13°45	16° 0	W27
T 28	14 33 58	9°47'39	17°48	14°14	2°48	12°48	0°48	11°22	4°53	13° 3	21°25	15°D28	16°54	13°52	16° 4	T 28
F 29	14 37 54	10°45'16	0♒17	13°41	4° 0	12°44	1° 2	11°29	4°52	13° 5	21°25	15°29	16°51	13°59	16° 9	F 29
S 30	14 41 51	11♉42'53	13♒ 5	13♉ 8	5♊13	12♐40	1♉16	11♊36	4♍51	13♓ 6	21♋26	15°R29	16♉48	14♏ 6	16♊13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n27	21s37	0n16	14n24	2n11	11n10	0s19	21s54	0n12	8n36	1s 0	20n45	1s 9	10n20	0n48	8s11	1s16	27n52	6n 2	22s21	22s21	19s42	17n27	5s16
S 2	5 49	17 59	1 23	15 2	2 19	11 39	0 17	21 58	0 10	8 41	1 0	20 46	1 8	10 20	0 48	8 10	1 16	27 52	6 2	22 21	22 21	19 43	17 28	5 16
S 3	6 12	13 20	2 28	15 37	2 26	12 7	0 15	22 2	0 8	8 46	1 0	20 47	1 8	10 21	0 48	8 9	1 16	27 52	6 2	22 21	22 21	19 45	17 28	5 16
M 4	6 35	7 52	3 26	16 10	2 31	12 34	0 12	22 6	0 6	8 52	1 0	20 48	1 8	10 21	0 48	8 8	1 16	27 52	6 2	22 22	22 22	19 47	17 29	5 16
T 5	6 57	1 49	4 14	16 40	2 37	13 2	0 10	22 10	0 4	8 57	1 0	20 49	1 8	10 22	0 48	8 8	1 16	27 52	6 2	22 23	22 22	19 49	17 29	5 16
W 6	7 19	4n29	4 46	17 7	2 41	13 29	0 7	22 14	0 1	9 2	1 0	20 50	1 8	10 23	0 48	8 7	1 16	27 52	6 2	22 24	22 23	19 51	17 30	5 15
T 7	7 42	10 41	5 0	17 31	2 44	13 56	0 5	22 18	0s 1	9 7	1 0	20 51	1 8	10 23	0 48	8 6	1 16	27 52	6 1	22 25	22 23	19 52	17 30	5 15
F 8	8 4	16 18	4 53	17 53	2 46	14 22	0 2	22 22	0 3	9 13	1 0	20 52	1 7	10 24	0 48	8 6	1 16	27 52	6 1	22 27	22 24	19 54	17 31	5 15
S 9	8 26	20 53	4 25	18 12	2 48	14 48	0n 1	22 26	0 6	9 18	0 59	20 53	1 7	10 24	0 48	8 5	1 16	27 51	6 1	22 28	22 24	19 56	17 32	5 15
S 10	8 48	24 1	3 39	18 29	2 48	15 14	0 3	22 30	0 8	9 23	0 59	20 54	1 7	10 25	0 48	8 4	1 16	27 51	6 1	22 29	22 24	19 58	17 32	5 15
M11	9 9	25 26	2 39	18 42	2 47	15 39	0 6	22 33	0 11	9 28	0 59	20 55	1 7	10 25	0 48	8 3	1 16	27 51	6 1	22 30	22 25	20 0	17 33	5 15
T 12	9 31	25 7	1 30	18 53	2 46	16 4	0 8	22 37	0 13	9 34	0 59	20 56	1 7	10 26	0 48	8 3	1 16	27 51	6 1	22 30	22 25	20 1	17 33	5 14
W13	9 52	23 12	0 18	19 1	2 43	16 29	0 11	22 41	0 16	9 39	0 59	20 58	1 7	10 26	0 48	8 2	1 17	27 51	6 1	22 30	22 26	20 3	17 34	5 14
T 14	10 13	20 1	0s53	19 7	2 39	16 53	0 14	22 44	0 19	9 44	0 59	20 59	1 6	10 27	0 48	8 1	1 17	27 51	6 1	22 30	22 26	20 5	17 34	5 14
F 15	10 34	15 53	1 59	19 9	2 33	17 16	0 16	22 48	0 21	9 49	0 59	21 0	1 6	10 27	0 48	8 1	1 17	27 51	6 1	22 30	22 26	20 7	17 35	5 14
S 16	10 55	11 8	2 58	19 9	2 27	17 40	0 19	22 51	0 24	9 54	0 59	21 1	1 6	10 28	0 48	8 0	1 17	27 50	6 1	22 30	22 27	20 8	17 35	5 14
S 17	11 16	6 2	3 46	19 7	2 20	18 2	0 21	22 55	0 27	9 59	0 59	21 2	1 6	10 28	0 48	8 0	1 17	27 50	6 1	22 31	22 27	20 10	17 36	5 14
M18	11 37	0 47	4 24	19 2	2 11	18 25	0 24	22 58	0 30	10 5	0 59	21 3	1 6	10 29	0 48	7 59	1 17	27 50	6 0	22 32	22 28	20 12	17 36	5 14
T 19	11 57	4s26	4 48	18 54	2 1	18 47	0 26	23 2	0 33	10 10	0 59	21 4	1 6	10 29	0 48	7 58	1 17	27 50	6 0	22 33	22 28	20 14	17 37	5 13
W20	12 17	9 25	5 0	18 43	1 51	19 8	0 29	23 5	0 36	10 15	0 59	21 5	1 6	10 29	0 48	7 58	1 17	27 50	6 0	22 35	22 29	20 15	17 37	5 13
T 21	12 37	14 1	4 58	18 31	1 39	19 29	0 32	23 9	0 39	10 20	0 59	21 7	1 5	10 30	0 48	7 57	1 17	27 50	6 0	22 36	22 29	20 17	17 38	5 13
F 22	12 57	18 4	4 43	18 16	1 26	19 49	0 34	23 12	0 42	10 25	0 59	21 8	1 5	10 30	0 48	7 57	1 17	27 49	6 0	22 38	22 29	20 19	17 38	5 13
S 23	13 16	21 22	4 16	17 58	1 12	20 9	0 37	23 15	0 45	10 30	0 59	21 9	1 5	10 30	0 48	7 56	1 17	27 49	6 0	22 39	22 30	20 21	17 39	5 13
S 24	13 36	23 47	3 38	17 39	0 57	20 28	0 39	23 18	0 48	10 35	0 59	21 10	1 5	10 31	0 48	7 55	1 17	27 49	6 0	22 40	22 30	20 22	17 40	5 13
M25	13 55	25 8	2 50	17 18	0 42	20 47	0 42	23 22	0 52	10 40	0 59	21 11	1 5	10 31	0 48	7 55	1 17	27 49	6 0	22 41	22 31	20 24	17 40	5 13
T 26	14 14	25 21	1 54	16 55	0 26	21 5	0 44	23 25	0 55	10 45	0 59	21 12	1 5	10 31	0 47	7 54	1 17	27 49	6 0	22 42	22 31	20 26	17 41	5 13
W27	14 33	24 22	0 52	16 31	0 9	21 23	0 47	23 28	0 58	10 50	0 59	21 13	1 4	10 31	0 47	7 54	1 17	27 48	6 0	22 42	22 31	20 27	17 41	5 13
T 28	14 51	22 12	0n12	16 6	0s 8	21 40	0 49	23 31	1 2	10 55	0 59	21 14	1 4	10 31	0 47	7 53	1 17	27 48	6 0	22 42	22 32	20 29	17 42	5 12
F 29	15 9	18 58	1 18	15 39	0 25	21 57	0 52	23 34	1 5	11 0	0 58	21 15	1 4	10 32	0 47	7 53	1 17	27 48	5 59	22 42	22 32	20 31	17 42	5 12
S 30	15n27	14s44	2n22	15n13	0s43	22n12	0n54	23s37	1s 9	11n 5	0s58	21n17	1s 4	10n32	0n47	7s52	1s17	27n48	5n59	22s42	22s33	20s32	17n43	5s12

Julian Day Number = 1979379.5, Delta T = 59m43s
Ecliptic obliquity = 23°36'26, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'01, Lahiri = 5°51'01 Julian Calendar 1 Apr. 707 == Greg. Calendar 5 Apr. 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

MAY 707 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 45 47	12♉40'28	26♒18	12°R34	6♊26	12°R35	1♉30	11♊44	4°R51	13♓ 7	21♋27	15°R28	16♑44	14♏12	16♊17	S 1
M 2	14 49 44	13°38'02	9♓58	11♉59	7°39	12♗29	1°44	11°51	4♍50	13° 9	21°28	15♑25	16°41	14°19	16°21	M 2
T 3	14 53 40	14°35'36	24° 7	11°26	8°52	12°23	1°58	11°58	4°50	13°10	21°28	15°20	16°38	14°26	16°26	T 3
W 4	14 57 37	15°33'08	8♈44	10°53	10° 5	12°15	2°12	12° 5	4°50	13°11	21°29	15°13	16°35	14°32	16°30	W 4
T 5	15 1 33	16°30'40	23°43	10°22	11°17	12° 7	2°26	12°13	4°49	13°13	21°30	15° 5	16°32	14°39	16°34	T 5
F 6	15 5 30	17°28'10	8♉57	9°53	12°30	11°59	2°40	12°20	4°49	13°14	21°31	14°56	16°29	14°46	16°39	F 6
S 7	15 9 27	18°25'40	24°14	9°26	13°43	11°49	2°54	12°28	4°49	13°15	21°32	14°49	16°25	14°52	16°43	S 7
S 8	15 13 23	19°23'08	9♊25	9° 3	14°55	11°39	3° 8	12°35	4°49	13°16	21°33	14°43	16°22	14°59	16°48	S 8
M 9	15 17 20	20°20'36	24°18	8°43	16° 8	11°28	3°22	12°43	4°49	13°17	21°34	14°39	16°19	15° 6	16°52	M 9
T 10	15 21 16	21°18'02	8♋48	8°27	17°21	11°16	3°36	12°50	4°D49	13°18	21°35	14°D37	16°16	15°13	16°57	T 10
W11	15 25 13	22°15'27	22°51	8°14	18°33	11° 4	3°50	12°58	4°49	13°20	21°36	14°37	16°13	15°19	17° 1	W11
T 12	15 29 9	23°12'50	6♌26	8° 6	19°46	10°51	4° 3	13° 5	4°49	13°21	21°37	14°38	16°10	15°26	17° 6	T 12
F 13	15 33 6	24°10'13	19°36	8°D 2	20°58	10°38	4°17	13°13	4°49	13°22	21°38	14°R39	16° 6	15°33	17°11	F 13
S 14	15 37 3	25° 7'34	2♍23	8° 3	22°11	10°24	4°31	13°20	4°49	13°23	21°39	14°39	16° 3	15°39	17°15	S 14
S 15	15 40 59	26° 4'54	14°53	8° 8	23°23	10° 9	4°45	13°28	4°49	13°24	21°40	14°37	16° 0	15°46	17°20	S 15
M16	15 44 56	27° 2'13	27° 8	8°17	24°35	9°54	4°58	13°36	4°50	13°25	21°41	14°33	15°57	15°53	17°25	M16
T 17	15 48 52	27°59'30	9♎13	8°31	25°48	9°38	5°12	13°43	4°50	13°25	21°42	14°27	15°54	16° 0	17°29	T 17
W18	15 52 49	28°56'47	21°10	8°50	27° 0	9°22	5°25	13°51	4°50	13°26	21°44	14°20	15°50	16° 6	17°34	W18
T 19	15 56 45	29°54'03	3♏ 4	9°12	28°12	9° 6	5°39	13°59	4°51	13°27	21°45	14°12	15°47	16°13	17°39	T 19
F 20	16 0 42	0♊51'19	14°55	9°40	29°24	8°49	5°52	14° 6	4°51	13°28	21°46	14° 4	15°44	16°20	17°44	F 20
S 21	16 4 38	1°48'33	26°47	10°11	0♋36	8°31	6° 6	14°14	4°52	13°29	21°47	13°56	15°41	16°26	17°48	S 21
S 22	16 8 35	2°45'47	8♐41	10°47	1°49	8°14	6°19	14°22	4°52	13°30	21°48	13°50	15°38	16°33	17°53	S 22
M23	16 12 32	3°43'00	20°38	11°27	3° 1	7°56	6°33	14°30	4°53	13°30	21°50	13°46	15°35	16°40	17°58	M23
T 24	16 16 28	4°40'13	2♑40	12°11	4°13	7°38	6°46	14°37	4°54	13°31	21°51	13°44	15°31	16°46	18° 3	T 24
W25	16 20 25	5°37'25	14°51	13° 0	5°25	7°19	6°59	14°45	4°55	13°32	21°52	13°D43	15°28	16°53	18° 8	W25
T 26	16 24 21	6°34'37	27°12	13°52	6°37	7° 1	7°13	14°53	4°55	13°32	21°53	13°44	15°25	17° 0	18°13	T 26
F 27	16 28 18	7°31'49	9♒47	14°48	7°48	6°42	7°26	15° 1	4°56	13°33	21°55	13°45	15°22	17° 7	18°17	F 27
S 28	16 32 14	8°29'00	22°39	15°48	9° 0	6°23	7°39	15° 9	4°57	13°33	21°56	13°47	15°19	17°13	18°22	S 28
S 29	16 36 11	9°26'11	5♓52	16°51	10°12	6° 4	7°52	15°16	4°58	13°34	21°57	13°R48	15°15	17°20	18°27	S 29
M30	16 40 7	10°23'22	19°27	17°59	11°24	5°45	8° 5	15°24	4°59	13°34	21°59	13°47	15°12	17°27	18°32	M30
T 31	16 44 4	11♊20'33	3♈27	19♉ 9	12♋36	5♗26	8♉18	15♊32	5♍ 0	13♓35	22♋ 0	13♑46	15♑ 9	17♏33	18♊37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n45	9s42	3n20	14n46	1s 0	22n28	0n56	23s40	1s13	11n10	0s58	21n18	1s 4	10n32	0n47	7s52	1s17	27n48	5n59	22s42	22s33	20s34	17n43	5s12
M 2	16 3	4 3	4 9	14 19	1 17	22 42	0 59	23 43	1 16	11 15	0 58	21 19	1 4	10 32	0 47	7 51	1 17	27 47	5 59	22 43	22 33	20 36	17 44	5 12
T 3	16 20	2n 0	4 44	13 53	1 34	22 56	1 1	23 45	1 20	11 20	0 58	21 20	1 4	10 32	0 47	7 51	1 17	27 47	5 59	22 43	22 34	20 37	17 44	5 12
W 4	16 37	8 7	5 3	13 27	1 50	23 10	1 3	23 48	1 24	11 25	0 58	21 21	1 4	10 32	0 47	7 50	1 17	27 47	5 59	22 44	22 34	20 39	17 45	5 12
T 5	16 53	13 56	5 1	13 3	2 5	23 22	1 6	23 51	1 27	11 30	0 58	21 22	1 3	10 32	0 47	7 50	1 17	27 47	5 59	22 45	22 35	20 41	17 45	5 12
F 6	17 10	18 58	4 39	12 40	2 20	23 35	1 8	23 53	1 31	11 34	0 58	21 23	1 3	10 32	0 47	7 50	1 17	27 47	5 59	22 46	22 35	20 42	17 46	5 12
S 7	17 26	22 46	3 56	12 18	2 34	23 46	1 10	23 56	1 35	11 39	0 58	21 24	1 3	10 32	0 47	7 49	1 18	27 46	5 59	22 47	22 35	20 44	17 46	5 12
S 8	17 42	24 56	2 57	11 59	2 47	23 57	1 12	23 58	1 39	11 44	0 58	21 25	1 3	10 32	0 47	7 49	1 18	27 46	5 59	22 47	22 36	20 45	17 47	5 12
M 9	17 57	25 16	1 47	11 41	2 58	24 7	1 14	24 1	1 43	11 49	0 58	21 26	1 3	10 32	0 47	7 48	1 18	27 46	5 59	22 48	22 36	20 47	17 47	5 12
T 10	18 13	23 50	0 31	11 26	3 9	24 16	1 16	24 3	1 47	11 53	0 58	21 27	1 3	10 32	0 47	7 48	1 18	27 46	5 59	22 48	22 37	20 49	17 47	5 12
W11	18 28	20 56	0s44	11 13	3 19	24 25	1 18	24 5	1 51	11 58	0 58	21 29	1 3	10 32	0 47	7 48	1 18	27 45	5 59	22 48	22 37	20 50	17 48	5 12
T 12	18 42	16 57	1 55	11 3	3 27	24 33	1 20	24 7	1 54	12 3	0 58	21 30	1 3	10 32	0 47	7 47	1 18	27 45	5 59	22 48	22 37	20 52	17 48	5 12
F 13	18 57	12 15	2 57	10 55	3 34	24 40	1 22	24 9	1 58	12 8	0 58	21 31	1 2	10 32	0 47	7 47	1 18	27 45	5 58	22 48	22 38	20 54	17 49	5 12
S 14	19 11	7 9	3 48	10 49	3 40	24 47	1 24	24 11	2 2	12 12	0 58	21 32	1 2	10 32	0 47	7 47	1 18	27 45	5 58	22 48	22 38	20 55	17 49	5 12
S 15	19 25	1 53	4 28	10 46	3 45	24 52	1 26	24 13	2 6	12 17	0 58	21 33	1 2	10 32	0 47	7 46	1 18	27 44	5 58	22 48	22 38	20 57	17 50	5 12
M16	19 38	3s20	4 54	10 46	3 49	24 57	1 28	24 14	2 10	12 21	0 58	21 34	1 2	10 32	0 47	7 46	1 18	27 44	5 58	22 48	22 39	20 58	17 50	5 12
T 17	19 51	8 22	5 6	10 48	3 51	25 2	1 30	24 16	2 14	12 26	0 58	21 35	1 2	10 32	0 47	7 46	1 18	27 44	5 58	22 49	22 39	21 0	17 51	5 12
W18	20 4	13 2	5 5	10 52	3 53	25 6	1 31	24 17	2 18	12 31	0 58	21 36	1 2	10 31	0 47	7 45	1 18	27 44	5 58	22 50	22 40	21 1	17 51	5 12
T 19	20 16	17 10	4 51	10 59	3 53	25 8	1 33	24 19	2 22	12 35	0 58	21 37	1 2	10 31	0 47	7 45	1 18	27 43	5 58	22 51	22 40	21 3	17 51	5 12
F 20	20 28	20 38	4 25	11 8	3 53	25 11	1 34	24 20	2 26	12 40	0 58	21 38	1 2	10 31	0 46	7 45	1 18	27 43	5 58	22 52	22 40	21 5	17 52	5 12
S 21	20 40	23 15	3 47	11 19	3 51	25 12	1 36	24 21	2 30	12 44	0 58	21 39	1 2	10 31	0 46	7 44	1 18	27 43	5 58	22 52	22 41	21 6	17 52	5 12
S 22	20 51	24 50	2 58	11 33	3 49	25 13	1 37	24 22	2 34	12 48	0 58	21 40	1 1	10 31	0 46	7 44	1 18	27 43	5 58	22 53	22 41	21 8	17 53	5 12
M23	21 3	25 18	2 2	11 48	3 46	25 13	1 39	24 23	2 38	12 53	0 58	21 41	1 1	10 30	0 46	7 44	1 18	27 42	5 58	22 53	22 41	21 9	17 53	5 12
T 24	21 13	24 34	1 0	12 5	3 41	25 12	1 40	24 23	2 41	12 57	0 58	21 42	1 1	10 30	0 46	7 44	1 18	27 42	5 58	22 54	22 42	21 11	17 53	5 12
W25	21 24	22 40	0n 6	12 24	3 37	25 11	1 41	24 24	2 45	13 2	0 58	21 43	1 1	10 30	0 46	7 44	1 18	27 42	5 58	22 54	22 42	21 12	17 54	5 12
T 26	21 34	19 40	1 13	12 45	3 31	25 9	1 42	24 24	2 49	13 6	0 58	21 44	1 1	10 29	0 46	7 43	1 18	27 42	5 58	22 54	22 43	21 14	17 54	5 12
F 27	21 43	15 43	2 17	13 8	3 25	25 6	1 43	24 25	2 52	13 10	0 58	21 45	1 1	10 29	0 46	7 43	1 19	27 41	5 58	22 53	22 43	21 15	17 55	5 12
S 28	21 52	10 58	3 16	13 32	3 18	25 2	1 44	24 25	2 56	13 14	0 58	21 46	1 1	10 29	0 46	7 43	1 19	27 41	5 58	22 53	22 43	21 17	17 55	5 12
S 29	22 1	5 36	4 7	13 57	3 10	24 58	1 45	24 25	2 59	13 19	0 58	21 47	1 1	10 28	0 46	7 43	1 19	27 41	5 58	22 53	22 44	21 18	17 55	5 12
M30	22 10	0n10	4 45	14 24	3 2	24 53	1 46	24 25	3 3	13 23	0 58	21 48	1 1	10 28	0 46	7 43	1 19	27 41	5 58	22 53	22 44	21 20	17 56	5 12
T 31	22n18	6n 5	5n 7	14n52	2s53	24n47	1n47	24s25	3s 6	13n27	0s58	21n49	1s 1	10n27	0n46	7s43	1s19	27n40	5n58	22s53	22s44	21s21	17n56	5s12

Julian Day Number = 1979409.5, Delta T = 59m42s
Ecliptic obliquity = 23°36'25, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'05, Lahiri = 5°51'06 Julian Calendar 1 May 707 == Greg. Calendar 5 May 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

JUNE 707 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 48 1	12♊17'44	17♈51	20♉24	13♋47	5°R 8	8♉31	15♊40	5♍ 1	13♓35	22♋ 2	13°R43	15♑ 6	17♏40	18♊42	W 1
T 2	16 51 57	13°14'55	2♉36	21°42	14°59	4♐49	8°44	15°48	5° 3	13°36	22° 3	13♑39	15° 3	17°47	18°47	T 2
F 3	16 55 54	14°12'06	17°35	23° 4	16°11	4°31	8°57	15°56	5° 4	13°36	22° 5	13°35	15° 0	17°53	18°52	F 3
S 4	16 59 50	15° 9'17	2♊41	24°29	17°22	4°13	9° 9	16° 3	5° 5	13°36	22° 6	13°31	14°56	18° 0	18°57	S 4
S 5	17 3 47	16° 6'28	17°45	25°57	18°34	3°55	9°22	16°11	5° 6	13°37	22° 7	13°28	14°53	18° 7	19° 2	S 5
M 6	17 7 43	17° 3'39	2♋37	27°29	19°45	3°37	9°35	16°19	5° 8	13°37	22° 9	13°27	14°50	18°14	19° 7	M 6
T 7	17 11 40	18° 0'49	17° 9	29° 4	20°57	3°20	9°47	16°27	5° 9	13°37	22°10	13°D26	14°47	18°20	19°11	T 7
W 8	17 15 36	18°57'59	1♌17	0♊42	22° 8	3° 3	10° 0	16°35	5°11	13°37	22°12	13°27	14°44	18°27	19°16	W 8
T 9	17 19 33	19°55'09	14°59	2°24	23°19	2°47	10°12	16°43	5°12	13°38	22°13	13°29	14°41	18°34	19°21	T 9
F 10	17 23 30	20°52'19	28°15	4° 9	24°31	2°31	10°25	16°51	5°14	13°38	22°15	13°30	14°37	18°40	19°26	F 10
S 11	17 27 26	21°49'28	11♍ 8	5°57	25°42	2°16	10°37	16°58	5°15	13°38	22°17	13°31	14°34	18°47	19°31	S 11
S 12	17 31 23	22°46'37	23°39	7°47	26°53	2° 1	10°49	17° 6	5°17	13°38	22°18	13°R31	14°31	18°54	19°36	S 12
M13	17 35 19	23°43'46	5♎55	9°41	28° 4	1°47	11° 1	17°14	5°19	13°38	22°20	13°31	14°28	19° 0	19°41	M13
T 14	17 39 16	24°40'54	17°58	11°37	29°15	1°34	11°13	17°22	5°21	13°R38	22°21	13°29	14°25	19° 7	19°46	T 14
W15	17 43 12	25°38'03	29°54	13°36	0♌26	1°21	11°25	17°30	5°22	13°38	22°23	13°27	14°21	19°14	19°51	W15
T 16	17 47 9	26°35'11	11♏46	15°36	1°37	1° 9	11°37	17°38	5°24	13°38	22°25	13°25	14°18	19°21	19°56	T 16
F 17	17 51 5	27°32'20	23°37	17°39	2°48	0°58	11°49	17°45	5°26	13°38	22°26	13°22	14°15	19°27	20° 1	F 17
S 18	17 55 2	28°29'29	5♐31	19°44	3°59	0°47	12° 1	17°53	5°28	13°38	22°28	13°20	14°12	19°34	20° 6	S 18
S 19	17 58 59	29°26'38	17°29	21°50	5°10	0°38	12°13	18° 1	5°30	13°38	22°29	13°19	14° 9	19°41	20°11	S 19
M20	18 2 55	0♋23'47	29°35	23°57	6°20	0°28	12°24	18° 9	5°32	13°37	22°31	13°17	14° 6	19°47	20°16	M20
T 21	18 6 52	1°20'56	11♑49	26° 5	7°31	0°20	12°36	18°16	5°34	13°37	22°33	13°D17	14° 2	19°54	20°21	T 21
W22	18 10 48	2°18'06	24°14	28°14	8°41	0°13	12°47	18°24	5°36	13°37	22°34	13°17	13°59	20° 1	20°26	W22
T 23	18 14 45	3°15'16	6♒51	0♋22	9°52	0° 6	12°59	18°32	5°39	13°37	22°36	13°18	13°56	20° 7	20°30	T 23
F 24	18 18 41	4°12'27	19°41	2°31	11° 2	29♏59	13°10	18°40	5°41	13°36	22°38	13°19	13°53	20°14	20°35	F 24
S 25	18 22 38	5° 9'39	2♓45	4°40	12°13	29°55	13°21	18°47	5°43	13°36	22°40	13°20	13°50	20°21	20°40	S 25
S 26	18 26 35	6° 6'51	16° 6	6°47	13°23	29°50	13°32	18°55	5°45	13°36	22°41	13°20	13°47	20°28	20°45	S 26
M27	18 30 31	7° 4'04	29°44	8°55	14°33	29°47	13°43	19° 2	5°48	13°35	22°43	13°20	13°43	20°34	20°50	M27
T 28	18 34 28	8° 1'18	13♈39	11° 1	15°43	29°44	13°54	19°10	5°50	13°35	22°45	13°R21	13°40	20°41	20°55	T 28
W29	18 38 24	8°58'32	27°51	13° 6	16°53	29°43	14° 5	19°18	5°53	13°34	22°46	13°20	13°37	20°48	20°59	W29
T 30	18 42 21	9♋55'48	12♉18	15♋10	18♌ 3	29♏42	14♉16	19♊25	5♍55	13♓34	22♋48	13♑20	13♑34	20♏54	21♊ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n26	11n50	5n12	15n21	2s44	24n40	1n48	24s25	3s 9	13n31	0s58	21n50	1s 1	10n27	0n46	7s42	1s19	27n40	5n58	22s54	22s45	21s23	17n56	5s12	W 1
T 2	22 33	17 5	4 56	15 51	2 34	24 33	1 48	24 24	3 13	13 35	0 58	21 51	1 0	10 26	0 46	7 42	1 19	27 40	5 57	22 54	22 45	21 24	17 57	5 12	T 2
F 3	22 40	21 20	4 19	16 21	2 24	24 25	1 49	24 24	3 16	13 39	0 58	21 51	1 0	10 26	0 46	7 42	1 19	27 40	5 57	22 55	22 45	21 26	17 57	5 12	F 3
S 4	22 46	24 11	3 25	16 52	2 13	24 17	1 50	24 23	3 19	13 44	0 58	21 52	1 0	10 25	0 46	7 42	1 19	27 39	5 57	22 55	22 46	21 27	17 57	5 12	S 4
S 5	22 53	25 18	2 16	17 24	2 2	24 7	1 50	24 23	3 22	13 48	0 58	21 53	1 0	10 25	0 46	7 42	1 19	27 39	5 57	22 55	22 46	21 29	17 57	5 13	S 5
M 6	22 58	24 34	0 59	17 56	1 51	23 58	1 50	24 22	3 25	13 52	0 58	21 54	1 0	10 24	0 46	7 42	1 19	27 39	5 57	22 55	22 46	21 30	17 58	5 13	M 6
T 7	23 4	22 10	0s20	18 29	1 39	23 47	1 51	24 21	3 27	13 55	0 58	21 55	1 0	10 24	0 46	7 42	1 19	27 38	5 57	22 55	22 47	21 31	17 58	5 13	T 7
W 8	23 9	18 26	1 37	19 1	1 27	23 36	1 51	24 21	3 30	13 59	0 59	21 56	1 0	10 23	0 46	7 42	1 19	27 38	5 57	22 55	22 47	21 33	17 58	5 13	W 8
T 9	23 13	13 49	2 45	19 33	1 15	23 24	1 51	24 20	3 32	14 3	0 59	21 57	1 0	10 23	0 46	7 42	1 19	27 38	5 57	22 55	22 48	21 34	17 59	5 13	T 9
F 10	23 17	8 41	3 42	20 5	1 3	23 11	1 51	24 19	3 35	14 7	0 59	21 58	1 0	10 22	0 46	7 42	1 19	27 38	5 57	22 55	22 48	21 36	17 59	5 13	F 10
S 11	23 21	3 20	4 26	20 36	0 51	22 58	1 51	24 18	3 37	14 11	0 59	21 58	1 0	10 21	0 46	7 42	1 19	27 37	5 57	22 55	22 48	21 37	17 59	5 13	S 11
S 12	23 24	2s 0	4 56	21 7	0 39	22 44	1 51	24 18	3 39	14 15	0 59	21 59	1 0	10 21	0 46	7 42	1 19	27 37	5 57	22 55	22 49	21 39	17 59	5 13	S 12
M13	23 27	7 8	5 12	21 36	0 27	22 30	1 50	24 17	3 42	14 19	0 59	22 0	1 0	10 20	0 45	7 42	1 19	27 37	5 57	22 55	22 49	21 40	18 0	5 14	M13
T 14	23 30	11 56	5 14	22 5	0 16	22 14	1 50	24 16	3 44	14 22	0 59	22 1	1 0	10 19	0 45	7 42	1 19	27 36	5 57	22 55	22 49	21 41	18 0	5 14	T 14
W15	23 32	16 13	5 2	22 32	0 4	21 59	1 50	24 15	3 46	14 26	0 59	22 2	0 59	10 19	0 45	7 42	1 20	27 36	5 57	22 55	22 50	21 43	18 0	5 14	W15
T 16	23 34	19 52	4 38	22 57	0n 7	21 43	1 49	24 14	3 47	14 30	0 59	22 2	0 59	10 18	0 45	7 42	1 20	27 36	5 57	22 56	22 50	21 44	18 0	5 14	T 16
F 17	23 35	22 42	4 1	23 20	0 18	21 26	1 48	24 14	3 49	14 33	0 59	22 3	0 59	10 17	0 45	7 42	1 20	27 36	5 57	22 56	22 50	21 46	18 0	5 14	F 17
S 18	23 36	24 33	3 14	23 41	0 29	21 8	1 48	24 13	3 51	14 37	0 59	22 4	0 59	10 16	0 45	7 42	1 20	27 35	5 57	22 56	22 51	21 47	18 1	5 14	S 18
S 19	23 36	25 18	2 18	24 0	0 39	20 50	1 47	24 12	3 52	14 40	0 59	22 5	0 59	10 16	0 45	7 42	1 20	27 35	5 57	22 56	22 51	21 48	18 1	5 14	S 19
M20	23 36	24 51	1 15	24 17	0 49	20 32	1 46	24 12	3 54	14 44	0 59	22 6	0 59	10 15	0 45	7 43	1 20	27 35	5 57	22 56	22 51	21 50	18 1	5 15	M20
T 21	23 36	23 13	0 8	24 30	0 57	20 13	1 45	24 11	3 55	14 47	0 59	22 6	0 59	10 14	0 45	7 43	1 20	27 35	5 57	22 56	22 52	21 51	18 1	5 15	T 21
W22	23 35	20 26	1n 0	24 41	1 6	19 53	1 44	24 11	3 56	14 51	0 59	22 7	0 59	10 13	0 45	7 43	1 20	27 34	5 57	22 56	22 52	21 52	18 1	5 15	W22
T 23	23 34	16 39	2 7	24 50	1 13	19 33	1 43	24 11	3 57	14 54	0 59	22 8	0 59	10 12	0 45	7 43	1 20	27 34	5 57	22 56	22 52	21 54	18 1	5 15	T 23
F 24	23 32	12 2	3 8	24 55	1 20	19 13	1 42	24 10	3 58	14 58	0 59	22 8	0 59	10 11	0 45	7 43	1 20	27 34	5 57	22 56	22 53	21 55	18 2	5 15	F 24
S 25	23 30	6 49	4 1	24 58	1 26	18 51	1 40	24 10	3 59	15 1	0 59	22 9	0 59	10 11	0 45	7 43	1 20	27 33	5 57	22 56	22 53	21 56	18 2	5 16	S 25
S 26	23 28	1 11	4 42	24 58	1 32	18 30	1 39	24 10	4 0	15 4	0 59	22 10	0 59	10 10	0 45	7 43	1 20	27 33	5 57	22 56	22 53	21 58	18 2	5 16	S 26
M27	23 25	4n36	5 8	24 55	1 37	18 8	1 37	24 10	4 1	15 7	0 59	22 11	0 59	10 9	0 45	7 44	1 20	27 33	5 57	22 56	22 54	21 59	18 2	5 16	M27
T 28	23 22	10 17	5 17	24 49	1 40	17 45	1 36	24 10	4 2	15 11	0 59	22 11	0 59	10 8	0 45	7 44	1 20	27 33	5 57	22 56	22 54	22 0	18 2	5 16	T 28
W29	23 18	15 33	5 7	24 41	1 44	17 23	1 34	24 10	4 2	15 14	1 0	22 12	0 59	10 7	0 45	7 44	1 20	27 32	5 58	22 56	22 54	22 2	18 2	5 17	W29
T 30	23n14	20n 2	4n38	24n30	1n46	16n59	1n32	24s11	4s 3	15n17	1s 0	22n13	0s59	10n 6	0n45	7s44	1s20	27n32	5n58	22s56	22s55	22s 3	18n 2	5s17	T 30

Julian Day Number = 1979440.5, Delta T = 59m41s
Ecliptic obliquity = 23°36'25, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'09, Lahiri = 5°51'10 Julian Calendar 1 June 707 == Greg. Calendar 5 June 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

JULY 707 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 46 17	10♋53'05	26♉56	17♋13	19♌13	29°D41	14♉26	19♊33	5♍57	13°R33	22♋50	13°R20	13♏31	21♏ 1	21♊ 9	F 1
S 2	18 50 14	11°50'22	11♊40	19°14	20°23	29♏42	14°37	19°40	6° 0	13♓33	22°52	13♏20	13°27	21° 8	21°14	S 2
S 3	18 54 10	12°47'41	26°23	21°13	21°33	29°44	14°47	19°48	6° 3	13°32	22°53	13°19	13°24	21°14	21°19	S 3
M 4	18 58 7	13°45'01	10♋59	23°11	22°43	29°46	14°58	19°55	6° 5	13°32	22°55	13°19	13°21	21°21	21°23	M 4
T 5	19 2 4	14°42'21	25°21	25° 8	23°52	29°49	15° 8	20° 3	6° 8	13°31	22°57	13°19	13°18	21°28	21°28	T 5
W 6	19 6 0	15°39'42	9♌25	27° 3	25° 2	29°53	15°18	20°10	6°11	13°30	22°59	13°19	13°15	21°35	21°33	W 6
T 7	19 9 57	16°37'03	23° 6	28°56	26°11	29°58	15°28	20°17	6°13	13°30	23° 0	13°19	13°12	21°41	21°37	T 7
F 8	19 13 53	17°34'25	6♍25	0♌47	27°21	0♐ 4	15°38	20°25	6°16	13°29	23° 2	13°19	13° 8	21°48	21°42	F 8
S 9	19 17 50	18°31'48	19°20	2°37	28°30	0°10	15°48	20°32	6°19	13°28	23° 4	13°18	13° 5	21°55	21°47	S 9
S 10	19 21 46	19°29'12	1♎55	4°26	29°39	0°18	15°57	20°39	6°22	13°27	23° 6	13°18	13° 2	22° 1	21°51	S 10
M11	19 25 43	20°26'36	14°12	6°12	0♍48	0°26	16° 7	20°46	6°25	13°26	23° 7	13°17	12°59	22° 8	21°56	M11
T 12	19 29 39	21°24'01	26°16	7°57	1°57	0°35	16°16	20°53	6°28	13°26	23° 9	13°D17	12°56	22°15	22° 0	T 12
W13	19 33 36	22°21'27	8♏12	9°41	3° 6	0°44	16°26	21° 1	6°30	13°25	23°11	13°18	12°53	22°21	22° 5	W13
T 14	19 37 33	23°18'53	20° 4	11°22	4°15	0°55	16°35	21° 8	6°33	13°24	23°13	13°18	12°49	22°28	22° 9	T 14
F 15	19 41 29	24°16'21	1♐56	13° 3	5°24	1° 6	16°44	21°15	6°36	13°23	23°15	13°19	12°46	22°35	22°14	F 15
S 16	19 45 26	25°13'49	13°52	14°41	6°32	1°18	16°53	21°22	6°39	13°22	23°16	13°20	12°43	22°41	22°18	S 16
S 17	19 49 22	26°11'19	25°57	16°18	7°41	1°31	17° 2	21°29	6°43	13°21	23°18	13°21	12°40	22°48	22°22	S 17
M18	19 53 19	27° 8'49	8♑12	17°54	8°49	1°44	17°10	21°36	6°46	13°20	23°20	13°R22	12°37	22°55	22°27	M18
T 19	19 57 15	28° 6'21	20°41	19°27	9°57	1°58	17°19	21°43	6°49	13°19	23°22	13°22	12°33	23° 2	22°31	T 19
W20	20 1 12	29° 3'53	3♒23	21° 0	11° 6	2°13	17°27	21°49	6°52	13°18	23°23	13°21	12°30	23° 8	22°35	W20
T 21	20 5 8	0♌ 1'27	16°21	22°30	12°14	2°28	17°36	21°56	6°55	13°17	23°25	13°19	12°27	23°15	22°40	T 21
F 22	20 9 5	0°59'03	29°33	23°59	13°22	2°44	17°44	22° 3	6°58	13°16	23°27	13°17	12°24	23°22	22°44	F 22
S 23	20 13 2	1°56'39	12♓59	25°26	14°29	3° 0	17°52	22°10	7° 2	13°15	23°29	13°15	12°21	23°28	22°48	S 23
S 24	20 16 58	2°54'17	26°38	26°52	15°37	3°18	18° 0	22°16	7° 5	13°13	23°30	13°12	12°18	23°35	22°52	S 24
M25	20 20 55	3°51'57	10♈28	28°16	16°45	3°36	18° 8	22°23	7° 8	13°12	23°32	13°10	12°14	23°42	22°56	M25
T 26	20 24 51	4°49'38	24°28	29°39	17°52	3°54	18°15	22°29	7°11	13°11	23°34	13° 9	12°11	23°48	23° 0	T 26
W27	20 28 48	5°47'22	8♉36	0♍59	18°59	4°13	18°23	22°36	7°15	13°10	23°36	13°D 9	12° 8	23°55	23° 4	W27
T 28	20 32 44	6°45'07	22°49	2°18	20° 6	4°33	18°30	22°42	7°18	13° 9	23°37	13° 9	12° 5	24° 2	23° 8	T 28
F 29	20 36 41	7°42'53	7♊ 7	3°35	21°13	4°53	18°37	22°49	7°21	13° 7	23°39	13°11	12° 2	24° 8	23°12	F 29
S 30	20 40 37	8°40'42	21°26	4°51	22°20	5°14	18°44	22°55	7°25	13° 6	23°41	13°12	11°59	24°15	23°16	S 30
S 31	20 44 34	9♌38'32	5♋43	6♍ 4	23♍27	5♐35	18♉51	23♊ 1	7♍28	13♓ 5	23♋43	13♏13	11♏55	24♏22	23♊20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n 9	23n20	3n50	24n16	1n48	16n36	1n30	24s11	4s 3	15n20	1s 0	22n13	0s59	10n 5	0n45	7s45	1s20	27n32	5n58	22s56	22s55	22s 4	18n 2	5s17	F 1
S 2	23 5	25 6	2 47	24 1	1 49	16 11	1 28	24 12	4 4	15 23	1 0	22 14	0 58	10 4	0 45	7 45	1 20	27 32	5 58	22 56	22 55	22 6	18 2	5 17	S 2
S 3	22 59	25 6	1 33	23 43	1 49	15 47	1 26	24 12	4 4	15 26	1 0	22 14	0 58	10 3	0 45	7 45	1 20	27 31	5 58	22 56	22 56	22 7	18 2	5 17	S 3
M 4	22 53	23 22	0 13	23 23	1 49	15 22	1 24	24 13	4 4	15 29	1 0	22 15	0 58	10 2	0 45	7 45	1 20	27 31	5 58	22 56	22 56	22 8	18 2	5 18	M 4
T 5	22 47	20 8	1s 6	23 2	1 48	14 57	1 22	24 14	4 5	15 32	1 0	22 16	0 58	10 1	0 45	7 46	1 21	27 31	5 58	22 56	22 56	22 10	18 2	5 18	T 5
W 6	22 41	15 47	2 20	22 38	1 47	14 31	1 20	24 15	4 5	15 35	1 0	22 16	0 58	10 0	0 45	7 46	1 21	27 31	5 58	22 56	22 57	22 11	18 2	5 18	W 6
T 7	22 34	10 43	3 23	22 13	1 45	14 5	1 17	24 16	4 5	15 38	1 0	22 17	0 58	9 59	0 45	7 46	1 21	27 30	5 58	22 56	22 57	22 12	18 2	5 19	T 7
F 8	22 27	5 18	4 14	21 47	1 42	13 39	1 15	24 17	4 5	15 40	1 0	22 17	0 58	9 58	0 45	7 47	1 21	27 30	5 58	22 56	22 57	22 13	18 2	5 19	F 8
S 9	22 19	0s11	4 50	21 19	1 39	13 12	1 12	24 19	4 5	15 43	1 0	22 18	0 58	9 57	0 45	7 47	1 21	27 30	5 58	22 56	22 57	22 15	18 2	5 19	S 9
S 10	22 11	5 31	5 11	20 50	1 35	12 45	1 9	24 20	4 4	15 46	1 0	22 18	0 58	9 56	0 45	7 47	1 21	27 30	5 58	22 56	22 58	22 16	18 2	5 19	S 10
M11	22 2	10 30	5 17	20 19	1 31	12 18	1 6	24 22	4 4	15 49	1 0	22 19	0 58	9 55	0 45	7 48	1 21	27 29	5 58	22 56	22 58	22 17	18 2	5 20	M11
T 12	21 53	15 0	5 9	19 48	1 27	11 50	1 4	24 23	4 4	15 51	1 1	22 20	0 58	9 54	0 45	7 48	1 21	27 29	5 58	22 56	22 58	22 18	18 2	5 20	T 12
W13	21 44	18 52	4 48	19 16	1 22	11 23	1 1	24 25	4 4	15 54	1 1	22 20	0 58	9 52	0 44	7 48	1 21	27 29	5 58	22 56	22 59	22 19	18 2	5 20	W13
T 14	21 35	21 57	4 14	18 43	1 16	10 55	0 57	24 27	4 3	15 56	1 1	22 21	0 58	9 51	0 44	7 49	1 21	27 29	5 58	22 56	22 59	22 21	18 2	5 21	T 14
F 15	21 25	24 7	3 30	18 9	1 10	10 26	0 54	24 29	4 3	15 59	1 1	22 21	0 58	9 50	0 44	7 49	1 21	27 28	5 58	22 56	22 59	22 22	18 2	5 21	F 15
S 16	21 14	25 12	2 36	17 34	1 4	9 58	0 51	24 31	4 3	16 1	1 1	22 22	0 58	9 49	0 44	7 50	1 21	27 28	5 58	22 56	23 0	22 23	18 2	5 21	S 16
S 17	21 4	25 8	1 35	16 59	0 58	9 29	0 48	24 33	4 2	16 4	1 1	22 22	0 58	9 48	0 44	7 50	1 21	27 28	5 59	22 56	23 0	22 24	18 2	5 22	S 17
M18	20 53	23 50	0 29	16 23	0 51	9 0	0 44	24 36	4 2	16 6	1 1	22 22	0 58	9 47	0 44	7 51	1 21	27 28	5 59	22 56	23 0	22 26	18 2	5 22	M18
T 19	20 41	21 20	0n40	15 47	0 44	8 31	0 41	24 38	4 1	16 9	1 1	22 23	0 58	9 45	0 44	7 51	1 21	27 27	5 59	22 56	23 1	22 27	18 2	5 22	T 19
W20	20 29	17 47	1 48	15 11	0 37	8 2	0 37	24 41	4 1	16 11	1 1	22 23	0 58	9 44	0 44	7 51	1 21	27 27	5 59	22 56	23 1	22 28	18 2	5 23	W20
T 21	20 17	13 19	2 52	14 34	0 29	7 32	0 34	24 43	4 0	16 13	1 1	22 24	0 58	9 43	0 44	7 52	1 21	27 27	5 59	22 56	23 1	22 29	18 2	5 23	T 21
F 22	20 5	8 9	3 48	13 57	0 21	7 3	0 30	24 46	3 59	16 15	1 1	22 24	0 58	9 42	0 44	7 52	1 21	27 27	5 59	22 56	23 1	22 30	18 2	5 23	F 22
S 23	19 52	2 33	4 32	13 20	0 13	6 33	0 26	24 48	3 59	16 18	1 2	22 25	0 58	9 41	0 44	7 53	1 21	27 26	5 59	22 57	23 2	22 31	18 1	5 24	S 23
S 24	19 39	3n16	5 2	12 43	0 4	6 3	0 22	24 51	3 58	16 20	1 2	22 25	0 58	9 39	0 44	7 53	1 21	27 26	5 59	22 57	23 2	22 33	18 1	5 24	S 24
M25	19 25	8 59	5 14	12 5	0s 4	5 33	0 18	24 54	3 57	16 22	1 2	22 25	0 58	9 38	0 44	7 54	1 21	27 26	5 59	22 57	23 2	22 34	18 1	5 24	M25
T 26	19 11	14 19	5 9	11 28	0 13	5 3	0 14	24 57	3 56	16 24	1 2	22 26	0 58	9 37	0 44	7 54	1 21	27 26	5 59	22 57	23 3	22 35	18 1	5 25	T 26
W27	18 57	18 57	4 44	10 51	0 22	4 32	0 10	25 0	3 56	16 26	1 2	22 26	0 58	9 36	0 44	7 55	1 21	27 26	5 59	22 57	23 3	22 36	18 1	5 25	W27
T 28	18 43	22 31	4 3	10 14	0 31	4 2	0 6	25 2	3 55	16 28	1 2	22 27	0 58	9 34	0 44	7 55	1 22	27 25	6 0	22 57	23 3	22 37	18 1	5 26	T 28
F 29	18 28	24 42	3 6	9 38	0 41	3 31	0 1	25 5	3 54	16 30	1 2	22 27	0 58	9 33	0 44	7 56	1 22	27 25	6 0	22 57	23 3	22 38	18 0	5 26	F 29
S 30	18 13	25 16	1 57	9 2	0 50	3 1	0s 3	25 8	3 53	16 31	1 2	22 27	0 58	9 32	0 44	7 56	1 22	27 25	6 0	22 57	23 4	22 39	18 0	5 26	S 30
S 31	17n58	24n10	0n41	8n26	1s 0	2n30	0s 7	25s11	3s52	16n33	1s 2	22n28	0s58	9n30	0n44	7s57	1s22	27n25	6n 0	22s57	23s 4	22s40	18n 0	5s27	S 31

Julian Day Number = 1979470.5, Delta T = 59m40s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'13, Lahiri = 5°51'14 Julian Calendar 1 July 707 == Greg. Calendar 5 July 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

AUGUST 707 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 48 31	10♌36'24	19♋54	7♍15	24♍34	5♐57	18♉58	23♊ 7	7♍32	13°R 3	23♋44	13°R13	11♑52	24♏28	23♊24	M 1
T 2	20 52 27	11°34'18	3♌55	8°24	25°40	6°20	19° 5	23°13	7°35	13♓ 2	23°46	13♑12	11°49	24°35	23°28	T 2
W 3	20 56 24	12°32'13	17°43	9°32	26°46	6°43	19°11	23°19	7°39	13° 1	23°48	13° 9	11°46	24°42	23°32	W 3
T 4	21 0 20	13°30'10	1♍14	10°36	27°52	7° 6	19°18	23°25	7°42	12°59	23°49	13° 5	11°43	24°49	23°35	T 4
F 5	21 4 17	14°28'08	14°26	11°39	28°58	7°30	19°24	23°31	7°46	12°58	23°51	13° 0	11°39	24°55	23°39	F 5
S 6	21 8 13	15°26'08	27°19	12°39	0♎ 4	7°55	19°30	23°37	7°49	12°56	23°53	12°55	11°36	25° 2	23°43	S 6
S 7	21 12 10	16°24'09	9♎53	13°36	1°10	8°20	19°35	23°43	7°53	12°55	23°54	12°50	11°33	25° 9	23°46	S 7
M 8	21 16 6	17°22'11	22°10	14°31	2°15	8°45	19°41	23°49	7°56	12°54	23°56	12°46	11°30	25°15	23°50	M 8
T 9	21 20 3	18°20'16	4♏15	15°22	3°21	9°11	19°47	23°55	8° 0	12°52	23°58	12°43	11°27	25°22	23°53	T 9
W10	21 24 0	19°18'21	16°10	16°10	4°26	9°37	19°52	24° 0	8° 4	12°51	23°59	12°D42	11°24	25°29	23°56	W10
T 11	21 27 56	20°16'28	28° 2	16°55	5°31	10° 4	19°57	24° 6	8° 7	12°49	24° 1	12°42	11°20	25°35	24° 0	T 11
F 12	21 31 53	21°14'37	9♐54	17°37	6°35	10°31	20° 2	24°11	8°11	12°48	24° 3	12°44	11°17	25°42	24° 3	F 12
S 13	21 35 49	22°12'47	21°51	18°14	7°40	10°59	20° 7	24°17	8°15	12°46	24° 4	12°45	11°14	25°49	24° 6	S 13
S 14	21 39 46	23°10'59	3♑59	18°48	8°44	11°27	20°11	24°22	8°18	12°45	24° 6	12°47	11°11	25°55	24°10	S 14
M15	21 43 42	24° 9'13	16°22	19°17	9°48	11°56	20°16	24°27	8°22	12°43	24° 7	12°R47	11° 8	26° 2	24°13	M15
T 16	21 47 39	25° 7'28	29° 2	19°41	10°52	12°24	20°20	24°32	8°26	12°41	24° 9	12°46	11° 5	26° 9	24°16	T 16
W17	21 51 35	26° 5'44	12♒ 1	20° 0	11°55	12°54	20°24	24°37	8°29	12°40	24°11	12°42	11° 1	26°15	24°19	W17
T 18	21 55 32	27° 4'03	25°21	20°15	12°59	13°23	20°28	24°42	8°33	12°38	24°12	12°37	10°58	26°22	24°22	T 18
F 19	21 59 29	28° 2'23	8♓58	20°23	14° 2	13°53	20°32	24°47	8°37	12°37	24°14	12°30	10°55	26°29	24°25	F 19
S 20	22 3 25	29° 0'45	22°51	20°R26	15° 5	14°24	20°36	24°52	8°41	12°35	24°15	12°23	10°52	26°36	24°28	S 20
S 21	22 7 22	29°59'10	6♈56	20°22	16° 7	14°54	20°39	24°57	8°44	12°34	24°17	12°15	10°49	26°42	24°31	S 21
M22	22 11 18	0♍57'36	21° 8	20°12	17°10	15°25	20°42	25° 2	8°48	12°32	24°18	12° 9	10°45	26°49	24°33	M22
T 23	22 15 15	1°56'05	5♉24	19°55	18°12	15°56	20°45	25° 6	8°52	12°30	24°20	12° 4	10°42	26°56	24°36	T 23
W24	22 19 11	2°54'36	19°38	19°31	19°13	16°28	20°48	25°11	8°56	12°29	24°21	12° 1	10°39	27° 2	24°39	W24
T 25	22 23 8	3°53'09	3♊49	19° 1	20°15	17° 0	20°51	25°15	8°59	12°27	24°22	12°D 1	10°36	27° 9	24°41	T 25
F 26	22 27 4	4°51'45	17°55	18°23	21°16	17°32	20°53	25°19	9° 3	12°25	24°24	12° 1	10°33	27°16	24°44	F 26
S 27	22 31 1	5°50'23	1♋54	17°40	22°17	18° 5	20°55	25°24	9° 7	12°24	24°25	12° 2	10°30	27°22	24°46	S 27
S 28	22 34 58	6°49'03	15°47	16°50	23°17	18°38	20°57	25°28	9°11	12°22	24°27	12°R 2	10°26	27°29	24°49	S 28
M29	22 38 54	7°47'45	29°32	15°54	24°18	19°11	20°59	25°32	9°14	12°20	24°28	12° 1	10°23	27°36	24°51	M29
T 30	22 42 51	8°46'30	13♌ 8	14°55	25°17	19°44	21° 1	25°36	9°18	12°19	24°29	11°57	10°20	27°42	24°53	T 30
W31	22 46 47	9♍45'16	26♌33	13♍51	26♎17	20♐18	21♉ 2	25♊40	9♍22	12♓17	24♋31	11♑51	10♑17	27♏49	24♊55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	17n42	21n31	0s37	7n50	1s 9	2n 0	0s12	25s15	3s51	16n35	1s 2	22n28	0s58	9n29	0n44	7s57	1s22	27n25	6n 0	22s57	23s 4	22s42	18n 0	5s27			
T 2	17 26	17 37	1 51	7 15	1 19	1 29	0 16	25 18	3 50	16 37	1 3	22 28	0 58	9 28	0 44	7 58	1 22	27 24	6 0	22 57	23 5	22 43	18 0	5 27			
W 3	17 10	12 49	2 58	6 41	1 29	0 58	0 21	25 21	3 49	16 38	1 3	22 29	0 58	9 26	0 44	7 59	1 22	27 24	6 0	22 57	23 5	22 44	17 59	5 28			
T 4	16 53	7 29	3 53	6 7	1 38	0 27	0 26	25 24	3 48	16 40	1 3	22 29	0 58	9 25	0 44	7 59	1 22	27 24	6 0	22 58	23 5	22 45	17 59	5 28			
F 5	16 36	1 57	4 34	5 35	1 48	0s 3	0 31	25 27	3 47	16 42	1 3	22 29	0 58	9 24	0 44	8 0	1 22	27 24	6 0	22 58	23 5	22 46	17 59	5 29			
S 6	16 19	3s31	5 0	5 3	1 58	0 34	0 35	25 30	3 46	16 43	1 3	22 30	0 58	9 22	0 44	8 0	1 22	27 24	6 1	22 59	23 6	22 47	17 59	5 29			
S 7	16 2	8 42	5 11	4 31	2 8	1 5	0 40	25 33	3 45	16 44	1 3	22 30	0 58	9 21	0 44	8 1	1 22	27 23	6 1	22 59	23 6	22 48	17 58	5 30			
M 8	15 44	13 26	5 8	4 1	2 18	1 36	0 45	25 36	3 44	16 46	1 3	22 30	0 58	9 20	0 44	8 1	1 22	27 23	6 1	22 59	23 6	22 49	17 58	5 30			
T 9	15 26	17 34	4 50	3 33	2 27	2 6	0 50	25 39	3 43	16 47	1 3	22 30	0 58	9 18	0 44	8 2	1 22	27 23	6 1	23 0	23 7	22 50	17 58	5 30			
W10	15 8	20 56	4 20	3 5	2 37	2 37	0 55	25 42	3 42	16 49	1 3	22 31	0 58	9 17	0 44	8 3	1 22	27 23	6 1	23 0	23 7	22 51	17 57	5 31			
T 11	14 50	23 25	3 40	2 39	2 46	3 7	1 0	25 45	3 41	16 50	1 4	22 31	0 58	9 16	0 44	8 3	1 22	27 23	6 1	23 0	23 7	22 52	17 57	5 31			
F 12	14 31	24 53	2 49	2 14	2 56	3 38	1 5	25 48	3 40	16 51	1 4	22 31	0 58	9 14	0 44	8 4	1 22	27 23	6 1	23 0	23 7	22 53	17 57	5 32			
S 13	14 12	25 12	1 51	1 51	3 5	4 8	1 11	25 51	3 38	16 52	1 4	22 31	0 58	9 13	0 44	8 4	1 22	27 22	6 2	22 59	23 8	22 54	17 57	5 32			
S 14	13 53	24 20	0 48	1 30	3 13	4 39	1 16	25 54	3 37	16 53	1 4	22 32	0 58	9 11	0 44	8 5	1 22	27 22	6 2	22 59	23 8	22 55	17 56	5 33			
M15	13 34	22 16	0n19	1 11	3 22	5 9	1 21	25 57	3 36	16 55	1 4	22 32	0 58	9 10	0 44	8 6	1 22	27 22	6 2	22 59	23 8	22 56	17 56	5 33			
T 16	13 14	19 5	1 27	0 54	3 30	5 39	1 26	25 59	3 35	16 56	1 4	22 32	0 58	9 9	0 44	8 6	1 22	27 22	6 2	22 59	23 8	22 57	17 56	5 34			
W17	12 54	14 53	2 32	0 40	3 37	6 9	1 32	26 2	3 34	16 57	1 4	22 32	0 58	9 7	0 44	8 7	1 22	27 22	6 2	23 0	23 9	22 58	17 55	5 34			
T 18	12 34	9 53	3 29	0 28	3 44	6 39	1 37	26 5	3 32	16 57	1 4	22 32	0 58	9 6	0 44	8 8	1 22	27 22	6 2	23 0	23 9	22 59	17 55	5 35			
F 19	12 14	4 18	4 17	0 19	3 50	7 9	1 43	26 7	3 31	16 58	1 4	22 33	0 58	9 4	0 44	8 8	1 22	27 22	6 2	23 1	23 9	23 0	17 54	5 35			
S 20	11 54	1n35	4 50	0 13	3 55	7 38	1 48	26 10	3 30	16 59	1 5	22 33	0 58	9 3	0 44	8 9	1 22	27 22	6 3	23 2	23 10	23 1	17 54	5 36			
S 21	11 33	7 27	5 6	0 10	4 0	8 8	1 53	26 12	3 29	17 0	1 5	22 33	0 58	9 2	0 44	8 9	1 22	27 21	6 3	23 2	23 10	23 2	17 54	5 36			
M22	11 13	12 59	5 4	0 11	4 3	8 37	1 59	26 14	3 27	17 1	1 5	22 33	0 58	9 0	0 44	8 10	1 22	27 21	6 3	23 3	23 10	23 3	17 53	5 37			
T 23	10 52	17 50	4 42	0 16	4 6	9 6	2 4	26 17	3 26	17 1	1 5	22 33	0 58	8 59	0 44	8 11	1 22	27 21	6 3	23 3	23 10	23 4	17 53	5 37			
W24	10 30	21 40	4 4	0 24	4 7	9 35	2 10	26 19	3 25	17 2	1 5	22 34	0 58	8 57	0 44	8 11	1 22	27 21	6 3	23 4	23 11	23 5	17 53	5 38			
T 25	10 9	24 11	3 11	0 37	4 6	10 3	2 16	26 21	3 24	17 3	1 5	22 34	0 58	8 56	0 44	8 12	1 22	27 21	6 3	23 4	23 11	23 6	17 52	5 38			
F 26	9 48	25 9	2 6	0 53	4 4	10 32	2 21	26 22	3 22	17 3	1 5	22 34	0 58	8 54	0 44	8 13	1 22	27 21	6 4	23 4	23 11	23 7	17 52	5 39			
S 27	9 26	24 30	0 54	1 14	4 0	11 0	2 27	26 24	3 21	17 4	1 5	22 34	0 58	8 53	0 44	8 13	1 22	27 21	6 4	23 3	23 11	23 8	17 51	5 39			
S 28	9 4	22 20	0s20	1 38	3 54	11 28	2 32	26 26	3 20	17 4	1 6	22 34	0 58	8 52	0 44	8 14	1 22	27 21	6 4	23 3	23 12	23 9	17 51	5 40			
M29	8 42	18 53	1 32	2 7	3 47	11 56	2 38	26 27	3 18	17 4	1 6	22 34	0 58	8 50	0 44	8 15	1 22	27 21	6 4	23 4	23 12	23 10	17 50	5 40			
T 30	8 20	14 28	2 38	2 39	3 37	12 23	2 44	26 29	3 17	17 5	1 6	22 34	0 58	8 49	0 44	8 15	1 22	27 21	6 4	23 4	23 12	23 11	17 50	5 41			
W31	7n58	9n23	3s35	3n14	3s26	12s50	2s49	26s30	3s16	17n 5	1s 6	22n35	0s58	8n47	0n44	8s16	1s22	27n21	6n 5	23s 4	23s12	23s12	17n50	5s41			

Julian Day Number = 1979501.5, Delta T = 59m40s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'18, Lahiri = 5°51'18 Julian Calendar 1 Aug. 707 == Greg. Calendar 5 Aug. 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

SEPTEMBER 707 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 50 44	10♍44'05	9♍45	12°R46	27♎16	20♐52	21♉ 4	25♊44	9♍26	12°R15	24♋32	11°R42	10♑14	27♏56	24♊58	T 1
F 2	22 54 40	11°42'56	22°43	11♍40	28°15	21°27	21° 5	25°47	9°30	12♓14	24°33	11♑32	10°11	28° 2	25° 0	F 2
S 3	22 58 37	12°41'49	5♎27	10°36	29°13	22° 1	21° 5	25°51	9°33	12°12	24°35	11°21	10° 7	28° 9	25° 2	S 3
S 4	23 2 33	13°40'43	17°55	9°34	0♏11	22°36	21° 6	25°55	9°37	12°10	24°36	11°10	10° 4	28°16	25° 4	S 4
M 5	23 6 30	14°39'40	0♏ 9	8°36	1° 9	23°11	21° 7	25°58	9°41	12° 9	24°37	11° 0	10° 1	28°22	25° 5	M 5
T 6	23 10 26	15°38'39	12°11	7°45	2° 6	23°46	21° 7	26° 1	9°45	12° 7	24°38	10°53	9°58	28°29	25° 7	T 6
W 7	23 14 23	16°37'39	24° 5	7° 0	3° 3	24°22	21°R 7	26° 5	9°48	12° 5	24°40	10°48	9°55	28°36	25° 9	W 7
T 8	23 18 20	17°36'42	5♐54	6°25	3°59	24°58	21° 7	26° 8	9°52	12° 4	24°41	10°45	9°51	28°42	25°11	T 8
F 9	23 22 16	18°35'46	17°44	5°58	4°54	25°34	21° 6	26°11	9°56	12° 2	24°42	10°D45	9°48	28°49	25°12	F 9
S 10	23 26 13	19°34'52	29°40	5°42	5°50	26°10	21° 6	26°14	10° 0	12° 0	24°43	10°45	9°45	28°56	25°14	S 10
S 11	23 30 9	20°34'00	11♑48	5°D36	6°44	26°46	21° 5	26°16	10° 3	11°59	24°44	10°R45	9°42	29° 2	25°15	S 11
M12	23 34 6	21°33'10	24°12	5°41	7°38	27°23	21° 4	26°19	10° 7	11°57	24°45	10°44	9°39	29° 9	25°17	M12
T 13	23 38 2	22°32'22	6♒57	5°56	8°32	28° 0	21° 3	26°22	10°11	11°56	24°46	10°42	9°36	29°16	25°18	T 13
W14	23 41 59	23°31'35	20° 6	6°21	9°25	28°37	21° 2	26°24	10°15	11°54	24°48	10°36	9°32	29°23	25°19	W14
T 15	23 45 55	24°30'51	3♓41	6°56	10°17	29°14	21° 0	26°27	10°18	11°52	24°49	10°28	9°29	29°29	25°20	T 15
F 16	23 49 52	25°30'08	17°39	7°39	11° 9	29°52	20°58	26°29	10°22	11°51	24°50	10°18	9°26	29°36	25°22	F 16
S 17	23 53 49	26°29'27	1♈58	8°31	12° 0	0♑29	20°57	26°31	10°26	11°49	24°51	10° 7	9°23	29°43	25°23	S 17
S 18	23 57 45	27°28'49	16°30	9°31	12°50	1° 7	20°54	26°33	10°29	11°48	24°52	9°56	9°20	29°49	25°24	S 18
M19	0 1 42	28°28'13	1♉10	10°37	13°40	1°45	20°52	26°35	10°33	11°46	24°52	9°45	9°16	29°56	25°24	M19
T 20	0 5 38	29°27'39	15°49	11°50	14°29	2°23	20°49	26°37	10°37	11°44	24°53	9°37	9°13	0♐ 3	25°25	T 20
W21	0 9 35	0♎27'07	0♊21	13° 7	15°17	3° 2	20°47	26°39	10°40	11°43	24°54	9°32	9°10	0° 9	25°26	W21
T 22	0 13 31	1°26'38	14°41	14°30	16° 4	3°40	20°44	26°41	10°44	11°41	24°55	9°30	9° 7	0°16	25°27	T 22
F 23	0 17 28	2°26'11	28°48	15°56	16°50	4°19	20°41	26°42	10°47	11°40	24°56	9°29	9° 4	0°23	25°27	F 23
S 24	0 21 24	3°25'47	12♋40	17°25	17°36	4°58	20°37	26°44	10°51	11°38	24°57	9°29	9° 1	0°29	25°28	S 24
S 25	0 25 21	4°25'25	26°18	18°58	18°21	5°36	20°34	26°45	10°55	11°37	24°58	9°28	8°57	0°36	25°28	S 25
M26	0 29 18	5°25'06	9♌43	20°32	19° 4	6°16	20°30	26°46	10°58	11°35	24°58	9°26	8°54	0°43	25°29	M26
T 27	0 33 14	6°24'48	22°57	22° 8	19°47	6°55	20°26	26°47	11° 2	11°34	24°59	9°20	8°51	0°49	25°29	T 27
W28	0 37 11	7°24'33	5♍59	23°46	20°29	7°34	20°22	26°49	11° 5	11°32	25° 0	9°12	8°48	0°56	25°29	W28
T 29	0 41 7	8°24'20	18°51	25°25	21° 9	8°14	20°18	26°49	11° 9	11°31	25° 1	9° 1	8°45	1° 3	25°29	T 29
F 30	0 45 4	9♎24'09	1♎31	27♍ 5	21♏49	8♑53	20♉14	26♊50	11♍12	11♓29	25♋ 1	8♑48	8♑42	1♐ 9	25°R29	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n36	3n59	4s18	3n51	3s12	13s17	2s55	26s31	3s14	17n 5	1s 6	22n35	0s58	8n46	0n44	8s17	1s22	27n20	6n 5	23s 5	23s13	23s13	17n49	5s42
F 2	7 13	1s29	4 48	4 30	2 57	13 44	3 0	26 32	3 13	17 5	1 6	22 35	0 58	8 44	0 44	8 17	1 22	27 20	6 5	23 6	23 13	23 14	17 49	5 42
S 3	6 50	6 47	5 2	5 11	2 40	14 10	3 6	26 33	3 12	17 6	1 6	22 35	0 58	8 43	0 44	8 18	1 22	27 20	6 5	23 7	23 13	23 15	17 48	5 43
S 4	6 28	11 42	5 1	5 51	2 22	14 36	3 12	26 34	3 10	17 6	1 6	22 35	0 58	8 42	0 44	8 19	1 22	27 20	6 5	23 8	23 13	23 15	17 48	5 43
M 5	6 5	16 4	4 47	6 30	2 3	15 2	3 17	26 34	3 9	17 6	1 6	22 35	0 58	8 40	0 44	8 19	1 22	27 20	6 6	23 9	23 14	23 16	17 47	5 44
T 6	5 42	19 43	4 20	7 8	1 43	15 27	3 23	26 35	3 7	17 6	1 7	22 35	0 58	8 39	0 44	8 20	1 22	27 20	6 6	23 9	23 14	23 17	17 47	5 44
W 7	5 19	22 30	3 42	7 43	1 23	15 52	3 28	26 35	3 6	17 5	1 7	22 35	0 58	8 37	0 44	8 20	1 22	27 20	6 6	23 10	23 14	23 18	17 46	5 45
T 8	4 56	24 18	2 54	8 15	1 3	16 17	3 34	26 35	3 5	17 5	1 7	22 35	0 58	8 36	0 44	8 21	1 22	27 20	6 6	23 10	23 14	23 19	17 46	5 46
F 9	4 32	25 1	1 59	8 43	0 43	16 41	3 39	26 35	3 3	17 5	1 7	22 35	0 58	8 34	0 44	8 22	1 22	27 20	6 6	23 10	23 14	23 20	17 45	5 46
S 10	4 9	24 35	0 59	9 7	0 24	17 5	3 45	26 35	3 2	17 5	1 7	22 35	0 58	8 33	0 44	8 22	1 22	27 20	6 7	23 10	23 15	23 21	17 45	5 47
S 11	3 46	22 59	0n 6	9 26	0 5	17 28	3 50	26 34	3 0	17 5	1 7	22 36	0 58	8 32	0 44	8 23	1 22	27 20	6 7	23 10	23 15	23 22	17 44	5 47
M12	3 22	20 16	1 11	9 41	0n12	17 51	3 55	26 34	2 59	17 4	1 7	22 36	0 58	8 30	0 44	8 24	1 22	27 20	6 7	23 10	23 15	23 22	17 44	5 48
T 13	2 59	16 30	2 14	9 50	0 28	18 14	4 1	26 33	2 58	17 4	1 7	22 36	0 58	8 29	0 44	8 24	1 22	27 20	6 7	23 10	23 15	23 23	17 43	5 48
W14	2 35	11 50	3 13	9 55	0 43	18 36	4 6	26 32	2 56	17 3	1 7	22 36	0 58	8 27	0 44	8 25	1 22	27 20	6 7	23 11	23 16	23 24	17 43	5 49
T 15	2 12	6 28	4 2	9 54	0 57	18 58	4 11	26 31	2 55	17 3	1 7	22 36	0 58	8 26	0 44	8 26	1 22	27 20	6 8	23 11	23 16	23 25	17 42	5 49
F 16	1 48	0 39	4 38	9 49	1 9	19 20	4 16	26 30	2 53	17 2	1 8	22 36	0 58	8 25	0 44	8 26	1 22	27 20	6 8	23 12	23 16	23 26	17 42	5 50
S 17	1 24	5n20	4 58	9 39	1 19	19 41	4 21	26 28	2 52	17 2	1 8	22 36	0 58	8 23	0 44	8 27	1 22	27 20	6 8	23 13	23 16	23 26	17 41	5 51
S 18	1 1	11 7	4 59	9 25	1 29	20 1	4 26	26 27	2 51	17 1	1 8	22 36	0 58	8 22	0 44	8 27	1 22	27 20	6 8	23 14	23 17	23 27	17 41	5 51
M19	0 37	16 20	4 40	9 8	1 37	20 21	4 31	26 25	2 49	17 0	1 8	22 36	0 58	8 20	0 44	8 28	1 22	27 20	6 8	23 15	23 17	23 28	17 40	5 52
T 20	0 13	20 34	4 4	8 46	1 43	20 40	4 36	26 23	2 48	17 0	1 8	22 36	0 58	8 19	0 44	8 29	1 22	27 20	6 9	23 15	23 17	23 29	17 40	5 52
W21	0s11	23 29	3 11	8 21	1 49	21 0	4 40	26 20	2 46	16 59	1 8	22 36	0 58	8 18	0 44	8 29	1 22	27 20	6 9	23 16	23 17	23 30	17 39	5 53
T 22	0 35	24 49	2 7	7 53	1 53	21 18	4 45	26 18	2 45	16 58	1 8	22 36	0 58	8 16	0 44	8 30	1 22	27 20	6 9	23 16	23 17	23 30	17 38	5 53
F 23	0 59	24 32	0 56	7 22	1 56	21 36	4 49	26 15	2 43	16 57	1 8	22 36	0 58	8 15	0 44	8 30	1 22	27 21	6 9	23 16	23 18	23 31	17 38	5 54
S 24	1 22	22 43	0s17	6 49	1 58	21 54	4 54	26 13	2 42	16 56	1 8	22 36	0 58	8 14	0 44	8 31	1 22	27 21	6 10	23 16	23 18	23 32	17 37	5 55
S 25	1 46	19 36	1 28	6 14	2 0	22 10	4 58	26 10	2 40	16 55	1 8	22 36	0 58	8 12	0 44	8 31	1 22	27 21	6 10	23 16	23 18	23 33	17 37	5 55
M26	2 10	15 29	2 32	5 37	2 0	22 27	5 2	26 6	2 39	16 54	1 8	22 36	0 58	8 11	0 44	8 32	1 22	27 21	6 10	23 16	23 18	23 33	17 36	5 56
T 27	2 34	10 41	3 28	4 58	2 0	22 43	5 6	26 3	2 38	16 53	1 8	22 36	0 58	8 10	0 44	8 33	1 22	27 21	6 10	23 17	23 19	23 34	17 36	5 56
W28	2 58	5 29	4 12	4 18	1 58	22 58	5 10	25 59	2 36	16 52	1 9	22 36	0 58	8 8	0 44	8 33	1 22	27 21	6 11	23 17	23 19	23 35	17 35	5 57
T 29	3 21	0 8	4 42	3 37	1 57	23 13	5 14	25 55	2 35	16 51	1 9	22 36	0 58	8 7	0 44	8 34	1 22	27 21	6 11	23 18	23 19	23 36	17 34	5 57
F 30	3s45	5s 9	4s57	2n55	1n54	23s27	5s17	25s51	2s33	16n49	1s 9	22n36	0s58	8n 6	0n44	8s34	1s22	27n21	6n11	23s19	23s19	23s36	17n34	5s58

Julian Day Number = 1979532.5, Delta T = 59m39s
Ecliptic obliquity = 23°36'25, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'22, Lahiri = 5°51'22 Julian Calendar 1 Sept. 707 == Greg. Calendar 5 Sept. 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

OCTOBER 707 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 49 0	10♎24'01	13♎59	28♍45	22♏27	9♑33	20°R 9	26♊51	11♍15	11°R28	25♋ 2	8°R33	8♑38	1♐16	25°R29	S 1
S 2	0 52 57	11°23'54	26°17	0♎26	23° 5	10°13	20♉ 4	26°51	11°19	11♓27	25° 3	8♑19	8°35	1°23	25♊29	S 2
M 3	0 56 53	12°23'49	8♏24	2° 7	23°41	10°53	19°59	26°52	11°22	11°25	25° 3	8° 7	8°32	1°29	25°29	M 3
T 4	1 0 50	13°23'46	20°21	3°48	24°15	11°34	19°54	26°52	11°26	11°24	25° 4	7°57	8°29	1°36	25°29	T 4
W 5	1 4 46	14°23'45	2♐12	5°29	24°49	12°14	19°49	26°52	11°29	11°22	25° 4	7°49	8°26	1°43	25°28	W 5
T 6	1 8 43	15°23'46	13°59	7°10	25°20	12°54	19°43	26°R53	11°32	11°21	25° 5	7°45	8°22	1°49	25°28	T 6
F 7	1 12 40	16°23'48	25°47	8°50	25°51	13°35	19°38	26°53	11°36	11°20	25° 5	7°43	8°19	1°56	25°28	F 7
S 8	1 16 36	17°23'53	7♑40	10°31	26°20	14°16	19°32	26°52	11°39	11°19	25° 6	7°D42	8°16	2° 3	25°27	S 8
S 9	1 20 33	18°23'59	19°45	12°11	26°47	14°56	19°26	26°52	11°42	11°17	25° 6	7°R42	8°13	2° 9	25°26	S 9
M10	1 24 29	19°24'06	2♒ 6	13°51	27°13	15°37	19°20	26°52	11°45	11°16	25° 7	7°42	8°10	2°16	25°26	M10
T 11	1 28 26	20°24'15	14°49	15°30	27°37	16°18	19°14	26°51	11°48	11°15	25° 7	7°39	8° 7	2°23	25°25	T 11
W12	1 32 22	21°24'26	27°57	17°10	27°59	16°59	19° 7	26°51	11°52	11°14	25° 7	7°35	8° 3	2°29	25°24	W12
T 13	1 36 19	22°24'38	11♓35	18°48	28°19	17°41	19° 1	26°50	11°55	11°13	25° 8	7°28	8° 0	2°36	25°23	T 13
F 14	1 40 15	23°24'52	25°42	20°27	28°37	18°22	18°54	26°49	11°58	11°11	25° 8	7°18	7°57	2°43	25°22	F 14
S 15	1 44 12	24°25'07	10♈14	22° 5	28°54	19° 3	18°47	26°48	12° 1	11°10	25° 8	7° 7	7°54	2°49	25°21	S 15
S 16	1 48 9	25°25'25	25° 6	23°42	29° 8	19°45	18°40	26°47	12° 4	11° 9	25° 8	6°56	7°51	2°56	25°20	S 16
M17	1 52 5	26°25'44	10♉ 8	25°19	29°20	20°26	18°33	26°46	12° 7	11° 8	25° 9	6°46	7°47	3° 3	25°19	M17
T 18	1 56 2	27°26'05	25°12	26°56	29°30	21° 8	18°26	26°45	12°10	11° 7	25° 9	6°38	7°44	3° 9	25°18	T 18
W19	1 59 58	28°26'28	10♊ 7	28°33	29°38	21°49	18°19	26°44	12°13	11° 6	25° 9	6°33	7°41	3°16	25°16	W19
T 20	2 3 55	29°26'53	24°47	0♏ 9	29°44	22°31	18°12	26°42	12°16	11° 5	25° 9	6°30	7°38	3°23	25°15	T 20
F 21	2 7 51	0♏27'19	9♋ 6	1°45	29°47	23°13	18° 4	26°41	12°18	11° 4	25° 9	6°D30	7°35	3°29	25°13	F 21
S 22	2 11 48	1°27'48	23° 4	3°20	29°R48	23°55	17°57	26°39	12°21	11° 3	25° 9	6°30	7°32	3°36	25°12	S 22
S 23	2 15 44	2°28'19	6♌41	4°55	29°46	24°37	17°49	26°37	12°24	11° 2	25° 9	6°R31	7°28	3°43	25°10	S 23
M24	2 19 41	3°28'52	19°59	6°30	29°42	25°19	17°42	26°35	12°27	11° 1	25°R 9	6°29	7°25	3°49	25° 9	M24
T 25	2 23 38	4°29'26	3♍ 0	8° 5	29°36	26° 1	17°34	26°33	12°29	11° 1	25° 9	6°26	7°22	3°56	25° 7	T 25
W26	2 27 34	5°30'02	15°46	9°39	29°27	26°43	17°26	26°31	12°32	11° 0	25° 9	6°19	7°19	4° 3	25° 5	W26
T 27	2 31 31	6°30'40	28°20	11°13	29°16	27°25	17°18	26°29	12°35	10°59	25° 9	6°11	7°16	4° 9	25° 3	T 27
F 28	2 35 27	7°31'20	10♎43	12°47	29° 2	28° 7	17°10	26°27	12°37	10°58	25° 9	6° 0	7°13	4°16	25° 1	F 28
S 29	2 39 24	8°32'01	22°57	14°21	28°46	28°50	17° 2	26°24	12°40	10°58	25° 9	5°48	7° 9	4°23	24°59	S 29
S 30	2 43 20	9°32'44	5♏ 2	15°55	28°28	29°32	16°54	26°22	12°42	10°57	25° 9	5°37	7° 6	4°29	24°57	S 30
M31	2 47 17	10♏33'29	17♏ 1	17♏28	28♏ 7	0♒15	16♉46	26♊19	12♍45	10♓56	25♋ 9	5♑27	7♑ 3	4♐36	24♊55	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s 9	10s 8	4s58	2n12	1n51	23s40	5s21	25s47	2s32	16n48	1s 9	22n36	0s58	8n 4	0n44	8s35	1s22	27n21	6n11	23s20	23s19	23s37	17n33	5s59
S 2	4 32	14 38	4 45	1 28	1 48	23 53	5 24	25 42	2 30	16 47	1 9	22 36	0 58	8 3	0 44	8 35	1 22	27 21	6 11	23 21	23 20	23 38	17 33	5 59
M 3	4 56	18 29	4 20	0 44	1 44	24 5	5 27	25 38	2 29	16 45	1 9	22 36	0 58	8 2	0 44	8 36	1 22	27 21	6 12	23 21	23 20	23 38	17 32	6 0
T 4	5 19	21 32	3 43	0 0	1 40	24 17	5 30	25 33	2 27	16 44	1 9	22 36	0 58	8 0	0 44	8 36	1 22	27 22	6 12	23 22	23 20	23 39	17 32	6 0
W 5	5 43	23 37	2 56	0s44	1 35	24 28	5 32	25 28	2 26	16 43	1 9	22 36	0 58	7 59	0 44	8 37	1 22	27 22	6 12	23 22	23 20	23 40	17 31	6 1
T 6	6 6	24 40	2 2	1 29	1 30	24 38	5 34	25 22	2 24	16 41	1 9	22 36	0 58	7 58	0 44	8 37	1 22	27 22	6 12	23 23	23 20	23 41	17 30	6 1
F 7	6 29	24 35	1 3	2 14	1 25	24 48	5 37	25 17	2 23	16 39	1 9	22 36	0 58	7 57	0 44	8 38	1 22	27 22	6 13	23 23	23 21	23 41	17 30	6 2
S 8	6 53	23 23	0 0	2 59	1 19	24 57	5 38	25 11	2 22	16 38	1 9	22 36	0 58	7 56	0 44	8 38	1 22	27 22	6 13	23 23	23 21	23 42	17 29	6 3
S 9	7 16	21 6	1n 3	3 43	1 14	25 5	5 40	25 5	2 20	16 36	1 9	22 36	0 58	7 54	0 44	8 39	1 22	27 22	6 13	23 23	23 21	23 43	17 29	6 3
M10	7 39	17 48	2 6	4 28	1 8	25 12	5 41	24 59	2 19	16 35	1 9	22 36	0 58	7 53	0 44	8 39	1 22	27 22	6 13	23 23	23 21	23 43	17 28	6 4
T 11	8 2	13 35	3 3	5 12	1 2	25 19	5 42	24 52	2 17	16 33	1 9	22 36	0 58	7 52	0 44	8 40	1 22	27 23	6 14	23 23	23 21	23 44	17 28	6 4
W12	8 24	8 37	3 53	5 56	0 55	25 25	5 43	24 46	2 16	16 31	1 9	22 36	0 58	7 51	0 44	8 40	1 22	27 23	6 14	23 23	23 22	23 45	17 27	6 5
T 13	8 47	3 5	4 32	6 40	0 49	25 30	5 43	24 39	2 14	16 29	1 9	22 36	0 58	7 50	0 44	8 40	1 22	27 23	6 14	23 24	23 22	23 45	17 26	6 5
F 14	9 9	2n48	4 56	7 23	0 43	25 34	5 43	24 32	2 13	16 28	1 9	22 36	0 58	7 48	0 44	8 41	1 22	27 23	6 14	23 24	23 22	23 46	17 26	6 6
S 15	9 32	8 41	5 1	8 6	0 36	25 37	5 43	24 25	2 11	16 26	1 9	22 36	0 58	7 47	0 44	8 41	1 22	27 23	6 15	23 25	23 22	23 46	17 25	6 7
S 16	9 54	14 13	4 47	8 48	0 30	25 40	5 42	24 17	2 10	16 24	1 9	22 36	0 58	7 46	0 44	8 42	1 22	27 24	6 15	23 25	23 22	23 47	17 25	6 7
M17	10 16	18 57	4 13	9 30	0 23	25 41	5 41	24 9	2 8	16 22	1 9	22 36	0 58	7 45	0 44	8 42	1 22	27 24	6 15	23 26	23 23	23 48	17 24	6 8
T 18	10 38	22 27	3 21	10 12	0 16	25 42	5 39	24 2	2 7	16 20	1 9	22 36	0 58	7 44	0 45	8 42	1 22	27 24	6 15	23 26	23 23	23 48	17 23	6 8
W19	11 0	24 21	2 15	10 53	0 10	25 42	5 37	23 53	2 6	16 18	1 9	22 36	0 58	7 43	0 45	8 43	1 22	27 24	6 16	23 27	23 23	23 49	17 23	6 9
T 20	11 21	24 32	1 2	11 33	0 3	25 40	5 34	23 45	2 4	16 16	1 9	22 36	0 58	7 42	0 45	8 43	1 22	27 24	6 16	23 27	23 23	23 49	17 22	6 9
F 21	11 43	23 4	0s14	12 13	0s 3	25 38	5 31	23 37	2 3	16 14	1 9	22 36	0 58	7 41	0 45	8 43	1 22	27 25	6 16	23 27	23 23	23 50	17 22	6 10
S 22	12 4	20 11	1 27	12 52	0 10	25 35	5 28	23 28	2 1	16 12	1 9	22 36	0 58	7 40	0 45	8 44	1 22	27 25	6 16	23 27	23 23	23 51	17 21	6 10
S 23	12 25	16 15	2 34	13 31	0 17	25 30	5 24	23 19	2 0	16 10	1 9	22 36	0 58	7 39	0 45	8 44	1 22	27 25	6 17	23 27	23 24	23 51	17 20	6 11
M24	12 46	11 36	3 30	14 9	0 23	25 25	5 19	23 10	1 58	16 8	1 9	22 36	0 58	7 38	0 45	8 44	1 22	27 25	6 17	23 27	23 24	23 52	17 20	6 11
T 25	13 6	6 31	4 14	14 46	0 30	25 18	5 14	23 0	1 57	16 6	1 9	22 36	0 58	7 37	0 45	8 45	1 22	27 26	6 17	23 27	23 24	23 52	17 19	6 12
W26	13 27	1 16	4 45	15 23	0 36	25 11	5 8	22 51	1 56	16 3	1 9	22 36	0 58	7 36	0 45	8 45	1 22	27 26	6 17	23 27	23 24	23 53	17 19	6 12
T 27	13 47	3s56	5 1	15 58	0 42	25 2	5 1	22 41	1 54	16 1	1 9	22 36	0 58	7 35	0 45	8 45	1 22	27 26	6 18	23 28	23 24	23 53	17 18	6 13
F 28	14 7	8 55	5 3	16 33	0 49	24 52	4 54	22 31	1 53	15 59	1 8	22 35	0 58	7 34	0 45	8 46	1 22	27 26	6 18	23 28	23 25	23 54	17 18	6 13
S 29	14 27	13 28	4 51	17 8	0 55	24 41	4 46	22 21	1 51	15 57	1 8	22 35	0 58	7 33	0 45	8 46	1 22	27 27	6 18	23 29	23 25	23 54	17 17	6 14
S 30	14 46	17 27	4 26	17 41	1 1	24 28	4 38	22 11	1 50	15 55	1 8	22 35	0 58	7 32	0 45	8 46	1 22	27 27	6 18	23 29	23 25	23 55	17 16	6 14
M31	15s 6	20s41	3s49	18s14	1s 7	24s15	4s29	22s 0	1s49	15n52	1s 8	22n35	0s58	7n31	0n45	8s46	1s22	27n27	6n19	23s30	23s25	23s56	17n16	6s15

Julian Day Number = 1979562.5, Delta T = 59m38s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'26, Lahiri = 5°51'26 Julian Calendar 1 Oct. 707 == Greg. Calendar 5 Oct. 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

NOVEMBER 707 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 51 13	11♏34'15	28♏53	19♏ 1	27°R44	0♒57	16°R38	26°R16	12♍47	10°R56	25°R 9	5°R19	7♑ 0	4♐43	24°R53	T 1
W 2	2 55 10	12°35'02	10♐41	20°34	27♏19	1°40	16♉30	26♊14	12°49	10♓55	25♋ 8	5♑13	6°57	4°49	24♊51	W 2
T 3	2 59 7	13°35'50	22°28	22° 7	26°53	2°22	16°21	26°11	12°52	10°54	25° 8	5° 9	6°53	4°56	24°48	T 3
F 4	3 3 3	14°36'40	4♑16	23°40	26°24	3° 5	16°13	26° 8	12°54	10°54	25° 8	5°D 8	6°50	5° 3	24°46	F 4
S 5	3 7 0	15°37'31	16° 9	25°12	25°53	3°48	16° 5	26° 5	12°56	10°53	25° 7	5° 9	6°47	5° 9	24°43	S 5
S 6	3 10 56	16°38'22	28°12	26°45	25°21	4°31	15°57	26° 1	12°58	10°53	25° 7	5°10	6°44	5°16	24°41	S 6
M 7	3 14 53	17°39'15	10♒30	28°17	24°48	5°13	15°49	25°58	13° 0	10°52	25° 7	5°11	6°41	5°23	24°38	M 7
T 8	3 18 49	18°40'08	23° 8	29°49	24°13	5°56	15°41	25°55	13° 3	10°52	25° 6	5°R12	6°38	5°29	24°36	T 8
W 9	3 22 46	19°41'03	6♓10	1♐21	23°38	6°39	15°32	25°51	13° 5	10°52	25° 6	5°10	6°34	5°36	24°33	W 9
T 10	3 26 42	20°41'58	19°40	2°53	23° 2	7°22	15°24	25°48	13° 7	10°51	25° 6	5° 7	6°31	5°43	24°30	T 10
F 11	3 30 39	21°42'54	3♈40	4°25	22°26	8° 5	15°16	25°44	13° 9	10°51	25° 5	5° 2	6°28	5°49	24°28	F 11
S 12	3 34 36	22°43'51	18° 9	5°56	21°49	8°48	15° 8	25°41	13°10	10°51	25° 5	4°55	6°25	5°56	24°25	S 12
S 13	3 38 32	23°44'49	3♉ 3	7°27	21°13	9°31	15° 0	25°37	13°12	10°51	25° 4	4°48	6°22	6° 3	24°22	S 13
M14	3 42 29	24°45'47	18°13	8°58	20°37	10°14	14°52	25°33	13°14	10°50	25° 3	4°42	6°19	6° 9	24°19	M14
T 15	3 46 25	25°46'47	3♊29	10°29	20° 1	10°57	14°44	25°29	13°16	10°50	25° 3	4°38	6°15	6°16	24°16	T 15
W16	3 50 22	26°47'48	18°42	11°59	19°27	11°40	14°36	25°25	13°17	10°50	25° 2	4°35	6°12	6°23	24°13	W16
T 17	3 54 18	27°48'50	3♋41	13°29	18°54	12°23	14°29	25°21	13°19	10°50	25° 2	4°D34	6° 9	6°29	24°10	T 17
F 18	3 58 15	28°49'52	18°20	14°58	18°22	13° 6	14°21	25°17	13°21	10°50	25° 1	4°34	6° 6	6°36	24° 7	F 18
S 19	4 2 12	29°50'56	2♌33	16°26	17°51	13°49	14°13	25°13	13°22	10°D50	25° 0	4°36	6° 3	6°43	24° 4	S 19
S 20	4 6 8	0♐52'01	16°21	17°54	17°22	14°32	14° 6	25° 8	13°24	10°50	25° 0	4°37	5°59	6°49	24° 1	S 20
M21	4 10 5	1°53'07	29°43	19°21	16°56	15°16	13°58	25° 4	13°25	10°50	24°59	4°R38	5°56	6°56	23°57	M21
T 22	4 14 1	2°54'14	12♍43	20°47	16°31	15°59	13°51	25° 0	13°27	10°50	24°58	4°38	5°53	7° 3	23°54	T 22
W23	4 17 58	3°55'22	25°23	22°11	16° 8	16°42	13°44	24°55	13°28	10°50	24°57	4°36	5°50	7° 9	23°51	W23
T 24	4 21 54	4°56'30	7♎48	23°34	15°48	17°25	13°37	24°51	13°29	10°50	24°57	4°32	5°47	7°16	23°48	T 24
F 25	4 25 51	5°57'40	20° 0	24°55	15°30	18° 8	13°29	24°46	13°30	10°50	24°56	4°28	5°44	7°23	23°44	F 25
S 26	4 29 47	6°58'50	2♏ 3	26°14	15°14	18°52	13°23	24°42	13°31	10°51	24°55	4°23	5°40	7°29	23°41	S 26
S 27	4 33 44	8° 0'01	13°59	27°31	15° 1	19°35	13°16	24°37	13°33	10°51	24°54	4°18	5°37	7°36	23°38	S 27
M28	4 37 40	9° 1'13	25°50	28°44	14°50	20°18	13° 9	24°32	13°34	10°51	24°53	4°13	5°34	7°43	23°34	M28
T 29	4 41 37	10° 2'25	7♐39	29°54	14°42	21° 2	13° 3	24°28	13°35	10°51	24°52	4°10	5°31	7°49	23°31	T 29
W30	4 45 34	11♐ 3'38	19♐27	1♑ 1	14♏36	21♒45	12♉56	24♊23	13♍36	10♓52	24♋51	4♑ 8	5♑28	7♐56	23♊27	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s25	23s 1	3s 2	18s46	1s13	24s 0	4s19	21s50	1s47	15n50	1s 8	22n35	0s58	7n30	0n45	8s46	1s21	27n27	6n19	23s30	23s25	23s56	17n15	6s15
W 2	15 43	24 19	2 8	19 16	1 18	23 44	4 9	21 39	1 46	15 48	1 8	22 35	0 58	7 29	0 45	8 47	1 21	27 28	6 19	23 30	23 25	23 57	17 15	6 16
T 3	16 2	24 31	1 8	19 46	1 24	23 27	3 58	21 28	1 44	15 46	1 8	22 35	0 58	7 28	0 45	8 47	1 21	27 28	6 19	23 30	23 26	23 57	17 14	6 16
F 4	16 20	23 37	0 5	20 15	1 29	23 9	3 46	21 16	1 43	15 43	1 8	22 35	0 58	7 27	0 45	8 47	1 21	27 28	6 20	23 30	23 26	23 58	17 14	6 17
S 5	16 38	21 39	0n59	20 43	1 34	22 50	3 34	21 5	1 42	15 41	1 8	22 35	0 58	7 27	0 45	8 47	1 21	27 29	6 20	23 30	23 26	23 58	17 13	6 17
S 6	16 56	18 41	2 1	21 10	1 39	22 29	3 21	20 53	1 40	15 39	1 8	22 35	0 58	7 26	0 45	8 47	1 21	27 29	6 20	23 30	23 26	23 59	17 13	6 18
M 7	17 13	14 51	2 59	21 36	1 44	22 8	3 8	20 41	1 39	15 37	1 7	22 35	0 58	7 25	0 45	8 47	1 21	27 29	6 20	23 30	23 26	23 59	17 12	6 18
T 8	17 30	10 16	3 50	22 1	1 48	21 46	2 54	20 29	1 37	15 34	1 7	22 35	0 58	7 24	0 45	8 48	1 21	27 29	6 20	23 30	23 26	23 59	17 11	6 19
W 9	17 47	5 7	4 31	22 25	1 53	21 24	2 40	20 17	1 36	15 32	1 7	22 35	0 58	7 23	0 45	8 48	1 21	27 30	6 21	23 30	23 27	24 0	17 11	6 19
T 10	18 3	0n27	4 59	22 47	1 57	21 0	2 26	20 5	1 35	15 30	1 7	22 35	0 58	7 23	0 45	8 48	1 21	27 30	6 21	23 30	23 27	24 0	17 10	6 19
F 11	18 19	6 12	5 10	23 9	2 0	20 37	2 11	19 52	1 33	15 28	1 7	22 35	0 58	7 22	0 45	8 48	1 21	27 30	6 21	23 31	23 27	24 1	17 10	6 20
S 12	18 35	11 48	5 2	23 29	2 4	20 12	1 55	19 40	1 32	15 26	1 7	22 34	0 58	7 21	0 45	8 48	1 21	27 31	6 21	23 31	23 27	24 1	17 9	6 20
S 13	18 50	16 53	4 33	23 48	2 7	19 48	1 40	19 27	1 31	15 23	1 7	22 34	0 58	7 21	0 45	8 48	1 21	27 31	6 22	23 31	23 27	24 2	17 9	6 21
M14	19 5	20 59	3 45	24 5	2 10	19 23	1 25	19 14	1 29	15 21	1 6	22 34	0 58	7 20	0 45	8 48	1 21	27 31	6 22	23 31	23 27	24 2	17 8	6 21
T 15	19 20	23 38	2 41	24 21	2 12	18 59	1 9	19 1	1 28	15 19	1 6	22 34	0 58	7 19	0 45	8 48	1 21	27 32	6 22	23 31	23 27	24 3	17 8	6 21
W16	19 35	24 32	1 25	24 36	2 14	18 34	0 53	18 47	1 27	15 17	1 6	22 34	0 57	7 19	0 46	8 48	1 21	27 32	6 22	23 32	23 28	24 3	17 7	6 22
T 17	19 49	23 38	0 5	24 50	2 16	18 10	0 38	18 34	1 25	15 15	1 6	22 34	0 57	7 18	0 46	8 48	1 21	27 32	6 23	23 32	23 28	24 3	17 7	6 22
F 18	20 2	21 7	1s14	25 1	2 17	17 46	0 22	18 20	1 24	15 13	1 6	22 34	0 57	7 18	0 46	8 48	1 21	27 33	6 23	23 32	23 28	24 4	17 6	6 23
S 19	20 16	17 20	2 27	25 12	2 18	17 23	0 7	18 7	1 23	15 11	1 5	22 34	0 57	7 17	0 46	8 48	1 21	27 33	6 23	23 32	23 28	24 4	17 6	6 23
S 20	20 28	12 44	3 29	25 21	2 18	17 0	0n 8	17 53	1 21	15 8	1 5	22 34	0 57	7 16	0 46	8 48	1 21	27 33	6 23	23 31	23 28	24 5	17 5	6 23
M21	20 41	7 38	4 17	25 28	2 18	16 39	0 23	17 39	1 20	15 6	1 5	22 34	0 57	7 16	0 46	8 48	1 21	27 34	6 23	23 31	23 28	24 5	17 5	6 24
T 22	20 53	2 22	4 51	25 34	2 17	16 18	0 37	17 24	1 19	15 4	1 5	22 34	0 57	7 15	0 46	8 48	1 21	27 34	6 24	23 31	23 28	24 5	17 4	6 24
W23	21 5	2s53	5 9	25 38	2 16	15 58	0 51	17 10	1 17	15 2	1 5	22 33	0 57	7 15	0 46	8 48	1 21	27 34	6 24	23 32	23 29	24 6	17 4	6 24
T 24	21 16	7 54	5 13	25 40	2 14	15 39	1 5	16 56	1 16	15 1	1 4	22 33	0 57	7 14	0 46	8 48	1 21	27 35	6 24	23 32	23 29	24 6	17 3	6 25
F 25	21 27	12 31	5 2	25 41	2 11	15 21	1 18	16 41	1 15	14 59	1 4	22 33	0 57	7 14	0 46	8 48	1 21	27 35	6 24	23 32	23 29	24 6	17 3	6 25
S 26	21 38	16 36	4 38	25 40	2 7	15 4	1 31	16 26	1 14	14 57	1 4	22 33	0 57	7 14	0 46	8 47	1 21	27 36	6 24	23 32	23 29	24 7	17 2	6 25
S 27	21 48	19 59	4 2	25 38	2 3	14 48	1 44	16 11	1 12	14 55	1 4	22 33	0 57	7 13	0 46	8 47	1 21	27 36	6 25	23 32	23 29	24 7	17 2	6 26
M28	21 57	22 31	3 15	25 34	1 58	14 34	1 56	15 56	1 11	14 53	1 4	22 33	0 57	7 13	0 46	8 47	1 20	27 36	6 25	23 32	23 29	24 7	17 2	6 26
T 29	22 7	24 3	2 21	25 28	1 51	14 20	2 7	15 41	1 10	14 51	1 3	22 33	0 57	7 13	0 46	8 47	1 20	27 37	6 25	23 32	23 29	24 8	17 1	6 26
W30	22s15	24s31	1s20	25s20	1s44	14s 8	2n18	15s26	1s 8	14n50	1s 3	22n33	0s57	7n12	0n46	8s47	1s20	27n37	6n25	23s32	23s30	24s 8	17n 1	6s26

Julian Day Number = 1979593.5, Delta T = 59m37s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'30, Lahiri = 5°51'31 Julian Calendar 1 Nov. 707 == Greg. Calendar 5 Nov. 707

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ASTRODIENST EPHEMERIS for the year 707
geocentric

DECEMBER 707 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 49 30	12♐ 4'51	1♑16	2♑ 2	14°R33	22♒28	12°R50	24°R18	13♍36	10♓52	24°R50	4°D 7	5♑25	8♐ 3	23°R24	T 1
F 2	4 53 27	13° 6'04	13° 9	2°58	14°D32	23°12	12♉44	24♊13	13°37	10°53	24♋50	4♑ 7	5°21	8° 9	23♊20	F 2
S 3	4 57 23	14° 7'17	25° 8	3°48	14♏34	23°55	12°38	24° 9	13°38	10°53	24°49	4° 8	5°18	8°16	23°17	S 3
S 4	5 1 20	15° 8'31	7♒17	4°31	14°38	24°38	12°32	24° 4	13°39	10°54	24°48	4°10	5°15	8°23	23°13	S 4
M 5	5 5 16	16° 9'44	19°38	5° 7	14°44	25°21	12°26	23°59	13°39	10°54	24°47	4°11	5°12	8°29	23°10	M 5
T 6	5 9 13	17°10'57	2♓15	5°33	14°53	26° 5	12°21	23°54	13°40	10°55	24°45	4°13	5° 9	8°36	23° 6	T 6
W 7	5 13 10	18°12'11	15°13	5°50	15° 4	26°48	12°16	23°49	13°41	10°55	24°44	4°R13	5° 5	8°43	23° 2	W 7
T 8	5 17 6	19°13'23	28°34	5°R57	15°17	27°31	12°11	23°44	13°41	10°56	24°43	4°13	5° 2	8°49	22°59	T 8
F 9	5 21 3	20°14'36	12♈21	5°52	15°32	28°15	12° 6	23°39	13°41	10°57	24°42	4°12	4°59	8°56	22°55	F 9
S 10	5 24 59	21°15'49	26°35	5°36	15°49	28°58	12° 1	23°34	13°42	10°57	24°41	4°11	4°56	9° 3	22°52	S 10
S 11	5 28 56	22°17'01	11♉12	5° 7	16° 9	29°41	11°56	23°29	13°42	10°58	24°40	4° 9	4°53	9° 9	22°48	S 11
M12	5 32 52	23°18'13	26°10	4°27	16°30	0♓25	11°52	23°24	13°42	10°59	24°39	4° 8	4°50	9°16	22°44	M12
T 13	5 36 49	24°19'25	11♊20	3°36	16°53	1° 8	11°48	23°19	13°43	11° 0	24°38	4° 7	4°46	9°23	22°41	T 13
W14	5 40 45	25°20'36	26°33	2°35	17°18	1°51	11°43	23°14	13°43	11° 0	24°36	4°D 6	4°43	9°29	22°37	W14
T 15	5 44 42	26°21'48	11♋39	1°26	17°45	2°35	11°40	23° 9	13°43	11° 1	24°35	4° 6	4°40	9°36	22°34	T 15
F 16	5 48 39	27°22'59	26°29	0°11	18°13	3°18	11°36	23° 4	13°R43	11° 2	24°34	4° 7	4°37	9°43	22°30	F 16
S 17	5 52 35	28°24'10	10♌57	28♐52	18°43	4° 1	11°32	22°59	13°43	11° 3	24°33	4° 7	4°34	9°49	22°27	S 17
S 18	5 56 32	29°25'21	24°59	27°31	19°15	4°44	11°29	22°54	13°43	11° 4	24°32	4° 8	4°31	9°56	22°23	S 18
M19	6 0 28	0♑26'32	8♍32	26°12	19°48	5°28	11°26	22°49	13°43	11° 5	24°30	4° 8	4°27	10° 3	22°19	M19
T 20	6 4 25	1°27'43	21°40	24°57	20°23	6°11	11°23	22°45	13°43	11° 6	24°29	4° 8	4°24	10° 9	22°16	T 20
W21	6 8 21	2°28'54	4♎24	23°48	20°59	6°54	11°20	22°40	13°42	11° 7	24°28	4°R 8	4°21	10°16	22°12	W21
T 22	6 12 18	3°30'04	16°48	22°46	21°36	7°37	11°18	22°35	13°42	11° 8	24°27	4° 8	4°18	10°23	22° 9	T 22
F 23	6 16 14	4°31'15	28°57	21°53	22°15	8°20	11°16	22°30	13°42	11° 9	24°25	4°D 8	4°15	10°29	22° 5	F 23
S 24	6 20 11	5°32'25	10♏55	21° 9	22°54	9° 4	11°13	22°25	13°41	11°11	24°24	4° 8	4°11	10°36	22° 2	S 24
S 25	6 24 8	6°33'34	22°46	20°34	23°35	9°47	11°12	22°20	13°41	11°12	24°23	4° 9	4° 8	10°43	21°58	S 25
M26	6 28 4	7°34'44	4♐33	20° 9	24°18	10°30	11°10	22°16	13°40	11°13	24°21	4° 9	4° 5	10°49	21°55	M26
T 27	6 32 1	8°35'53	16°21	19°54	25° 1	11°13	11° 8	22°11	13°40	11°14	24°20	4° 9	4° 2	10°56	21°51	T 27
W28	6 35 57	9°37'01	28°11	19°D47	25°45	11°56	11° 7	22° 6	13°39	11°15	24°19	4°10	3°59	11° 3	21°48	W28
T 29	6 39 54	10°38'09	10♑ 7	19°49	26°31	12°39	11° 6	22° 2	13°38	11°17	24°17	4°R10	3°56	11° 9	21°45	T 29
F 30	6 43 50	11°39'16	22° 9	19°58	27°17	13°22	11° 5	21°57	13°38	11°18	24°16	4° 9	3°52	11°16	21°41	F 30
S 31	6 47 47	12♑40'22	4♒21	20♐15	28♏ 4	14♓ 5	11♉ 5	21♊53	13♍37	11♓19	24♋15	4♑ 8	3♑49	11♐23	21♊38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s24	23s52	0s16	25s11	1s36	13s57	2n28	15s11	1s 7	14n48	1s 3	22n33	0s57	7n12	0n46	8s47	1s20	27n37	6n26	23s33	23s30	24s 8	17n 0	6s27	
F 2	22 32	22 8	0n50	25 1	1 26	13 48	2 38	14 55	1 6	14 46	1 3	22 32	0 56	7 12	0 46	8 47	1 20	27 38	6 26	23 32	23 30	24 9	17 0	6 27	
S 3	22 39	19 24	1 54	24 49	1 16	13 39	2 47	14 40	1 5	14 45	1 2	22 32	0 56	7 11	0 46	8 46	1 20	27 38	6 26	23 32	23 30	24 9	16 59	6 27	
S 4	22 46	15 47	2 53	24 36	1 4	13 32	2 56	14 24	1 3	14 43	1 2	22 32	0 56	7 11	0 46	8 46	1 20	27 39	6 26	23 32	23 30	24 9	16 59	6 27	
M 5	22 53	11 27	3 46	24 22	0 51	13 26	3 5	14 8	1 2	14 42	1 2	22 32	0 56	7 11	0 46	8 46	1 20	27 39	6 26	23 32	23 30	24 10	16 59	6 28	
T 6	22 59	6 33	4 29	24 6	0 37	13 21	3 13	13 52	1 1	14 40	1 2	22 32	0 56	7 11	0 46	8 46	1 20	27 39	6 26	23 32	23 30	24 10	16 58	6 28	
W 7	23 5	1 16	5 0	23 50	0 21	13 17	3 20	13 36	1 0	14 39	1 1	22 32	0 56	7 11	0 46	8 45	1 20	27 40	6 27	23 32	23 30	24 10	16 58	6 28	
T 8	23 10	4n15	5 15	23 33	0 5	13 14	3 27	13 20	0 59	14 38	1 1	22 32	0 56	7 10	0 46	8 45	1 20	27 40	6 27	23 32	23 31	24 11	16 58	6 28	
F 9	23 15	9 43	5 14	23 16	0n13	13 12	3 33	13 4	0 57	14 36	1 1	22 31	0 56	7 10	0 47	8 45	1 20	27 40	6 27	23 32	23 31	24 11	16 57	6 28	
S 10	23 19	14 52	4 53	22 58	0 32	13 11	3 39	12 47	0 56	14 35	1 1	22 31	0 56	7 10	0 47	8 44	1 20	27 41	6 27	23 32	23 31	24 11	16 57	6 28	
S 11	23 23	19 18	4 13	22 40	0 51	13 12	3 45	12 31	0 55	14 34	1 0	22 31	0 56	7 10	0 47	8 44	1 20	27 41	6 27	23 32	23 31	24 11	16 57	6 29	
M12	23 26	22 36	3 15	22 21	1 10	13 13	3 50	12 15	0 54	14 33	1 0	22 31	0 55	7 10	0 47	8 44	1 20	27 42	6 28	23 32	23 31	24 12	16 56	6 29	
T 13	23 29	24 20	2 3	22 3	1 30	13 15	3 55	11 58	0 53	14 32	1 0	22 31	0 55	7 10	0 47	8 43	1 20	27 42	6 28	23 33	23 31	24 12	16 56	6 29	
W14	23 31	24 16	0 42	21 46	1 49	13 17	3 59	11 41	0 51	14 31	1 0	22 31	0 55	7 10	0 47	8 43	1 20	27 42	6 28	23 33	23 31	24 12	16 56	6 29	
T 15	23 33	22 24	0s42	21 28	2 8	13 21	4 3	11 25	0 50	14 30	0 59	22 31	0 55	7 10	0 47	8 43	1 20	27 43	6 28	23 33	23 31	24 12	16 55	6 29	
F 16	23 35	19 1	2 1	21 12	2 25	13 25	4 7	11 8	0 49	14 29	0 59	22 30	0 55	7 10	0 47	8 42	1 20	27 43	6 28	23 33	23 32	24 12	16 55	6 29	
S 17	23 36	14 33	3 11	20 56	2 40	13 30	4 10	10 51	0 48	14 28	0 59	22 30	0 55	7 10	0 47	8 42	1 20	27 43	6 28	23 32	23 32	24 13	16 55	6 29	
S 18	23 36	9 25	4 7	20 42	2 53	13 36	4 13	10 34	0 47	14 27	0 58	22 30	0 55	7 10	0 47	8 42	1 20	27 44	6 29	23 32	23 32	24 13	16 54	6 29	
M19	23 36	3 59	4 47	20 29	3 4	13 43	4 15	10 17	0 46	14 27	0 58	22 30	0 55	7 10	0 47	8 41	1 20	27 44	6 29	23 32	23 32	24 13	16 54	6 29	
T 20	23 36	1s26	5 11	20 18	3 12	13 50	4 18	10 0	0 45	14 26	0 58	22 30	0 55	7 10	0 47	8 41	1 20	27 45	6 29	23 32	23 32	24 13	16 54	6 30	
W21	23 35	6 37	5 18	20 10	3 18	13 57	4 20	9 43	0 43	14 25	0 58	22 30	0 54	7 10	0 47	8 40	1 20	27 45	6 29	23 32	23 32	24 14	16 54	6 30	
T 22	23 34	11 25	5 10	20 3	3 22	14 5	4 21	9 25	0 42	14 25	0 57	22 30	0 54	7 11	0 47	8 40	1 20	27 45	6 29	23 32	23 32	24 14	16 53	6 30	
F 23	23 32	15 40	4 49	19 59	3 23	14 14	4 23	9 8	0 41	14 25	0 57	22 29	0 54	7 11	0 47	8 39	1 20	27 46	6 29	23 32	23 32	24 14	16 53	6 30	
S 24	23 29	19 14	4 15	19 57	3 22	14 23	4 24	8 51	0 40	14 24	0 57	22 29	0 54	7 11	0 47	8 39	1 20	27 46	6 29	23 32	23 32	24 14	16 53	6 30	
S 25	23 27	21 59	3 31	19 57	3 19	14 32	4 24	8 33	0 39	14 24	0 57	22 29	0 54	7 11	0 47	8 38	1 19	27 47	6 30	23 32	23 32	24 14	16 53	6 30	
M26	23 23	23 47	2 37	20 0	3 15	14 42	4 25	8 16	0 38	14 24	0 56	22 29	0 54	7 11	0 47	8 38	1 19	27 47	6 30	23 32	23 33	24 14	16 52	6 30	
T 27	23 20	24 31	1 37	20 4	3 10	14 52	4 25	7 59	0 37	14 23	0 56	22 29	0 54	7 12	0 47	8 37	1 19	27 47	6 30	23 32	23 33	24 15	16 52	6 30	
W28	23 15	24 9	0 33	20 10	3 3	15 2	4 25	7 41	0 36	14 23	0 56	22 29	0 54	7 12	0 47	8 37	1 19	27 48	6 30	23 32	23 33	24 15	16 52	6 30	
T 29	23 11	22 40	0n33	20 18	2 56	15 13	4 25	7 23	0 35	14 23	0 55	22 29	0 53	7 12	0 47	8 36	1 19	27 48	6 30	23 32	23 33	24 15	16 52	6 30	
F 30	23 5	20 9	1 38	20 27	2 47	15 24	4 25	7 6	0 34	14 23	0 55	22 28	0 53	7 13	0 47	8 36	1 19	27 48	6 30	23 32	23 33	24 15	16 52	6 30	
S 31	23s 0	16s43	2n40	20s37	2n39	15s35	4n24	6s48	0s33	14n23	0s55	22n28	0s53	7n13	0n47	8s35	1s19	27n49	6n30	23s32	23s33	24s15	16n52	6s30	

Julian Day Number = 1979623.5, Delta T = 59m37s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'34, Lahiri = 5°51'35 Julian Calendar 1 Dec. 707 == Greg. Calendar 5 Dec. 707

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ASTRODIENST EPHEMERIS for the year 708
geocentric

JANUARY 708 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 51 44	13♉41'27	16♒42	20♐38	28♏52	14♓49	11°R 4	21°R48	13°R36	11♓21	24°R13	4°R 7	3♉46	11♐29	21°R35	S 1
M 2	6 55 40	14°42'31	29°16	21° 8	29°41	15°32	11♉ 4	21♊44	13♍35	11°22	24♋12	4♉ 6	3°43	11°36	21♊31	M 2
T 3	6 59 37	15°43'34	12♓ 4	21°43	0♐31	16°15	11°D 4	21°40	13°34	11°24	24°10	4° 4	3°40	11°43	21°28	T 3
W 4	7 3 33	16°44'35	25° 7	22°23	1°21	16°58	11° 4	21°35	13°33	11°25	24° 9	4° 3	3°37	11°49	21°25	W 4
T 5	7 7 30	17°45'36	8♈27	23° 7	2°13	17°41	11° 4	21°31	13°32	11°27	24° 8	4° 2	3°33	11°56	21°22	T 5
F 6	7 11 26	18°46'35	22° 6	23°56	3° 5	18°23	11° 5	21°27	13°31	11°28	24° 6	4°D 2	3°30	12° 2	21°19	F 6
S 7	7 15 23	19°47'33	6♉ 5	24°48	3°57	19° 6	11° 6	21°23	13°30	11°30	24° 5	4° 2	3°27	12° 9	21°16	S 7
S 8	7 19 19	20°48'30	20°22	25°44	4°51	19°49	11° 7	21°19	13°29	11°31	24° 3	4° 3	3°24	12°16	21°13	S 8
M 9	7 23 16	21°49'25	4♊57	26°42	5°45	20°32	11° 8	21°15	13°27	11°33	24° 2	4° 5	3°21	12°22	21°10	M 9
T 10	7 27 13	22°50'19	19°44	27°44	6°39	21°15	11° 9	21°11	13°26	11°35	24° 1	4° 6	3°17	12°29	21° 7	T 10
W11	7 31 9	23°51'12	4♋38	28°48	7°34	21°58	11°11	21° 7	13°25	11°36	23°59	4°R 6	3°14	12°36	21° 4	W11
T 12	7 35 6	24°52'03	19°31	29°55	8°30	22°41	11°13	21° 4	13°23	11°38	23°58	4° 6	3°11	12°42	21° 1	T 12
F 13	7 39 2	25°52'53	4♌16	1♉ 3	9°27	23°23	11°15	21° 0	13°22	11°40	23°56	4° 4	3° 8	12°49	20°58	F 13
S 14	7 42 59	26°53'41	18°45	2°14	10°23	24° 6	11°17	20°57	13°20	11°41	23°55	4° 1	3° 5	12°56	20°56	S 14
S 15	7 46 55	27°54'29	2♍52	3°26	11°21	24°49	11°19	20°53	13°19	11°43	23°54	3°58	3° 2	13° 2	20°53	S 15
M16	7 50 52	28°55'15	16°34	4°40	12°19	25°32	11°22	20°50	13°17	11°45	23°52	3°54	2°58	13° 9	20°50	M16
T 17	7 54 48	29°56'00	29°50	5°56	13°17	26°14	11°25	20°46	13°16	11°47	23°51	3°50	2°55	13°16	20°48	T 17
W18	7 58 45	0♒56'44	12♎40	7°13	14°16	26°57	11°27	20°43	13°14	11°48	23°49	3°48	2°52	13°22	20°45	W18
T 19	8 2 42	1°57'27	25° 9	8°32	15°15	27°39	11°31	20°40	13°12	11°50	23°48	3°46	2°49	13°29	20°43	T 19
F 20	8 6 38	2°58'09	7♏20	9°52	16°15	28°22	11°34	20°37	13°10	11°52	23°47	3°D46	2°46	13°36	20°41	F 20
S 21	8 10 35	3°58'50	19°18	11°13	17°15	29° 5	11°38	20°34	13° 9	11°54	23°45	3°47	2°43	13°42	20°38	S 21
S 22	8 14 31	4°59'29	1♐ 8	12°36	18°16	29°47	11°41	20°31	13° 7	11°56	23°44	3°49	2°39	13°49	20°36	S 22
M23	8 18 28	6° 0'07	12°55	14° 0	19°17	0♈30	11°45	20°29	13° 5	11°58	23°43	3°51	2°36	13°56	20°34	M23
T 24	8 22 24	7° 0'44	24°43	15°25	20°18	1°12	11°49	20°26	13° 3	12° 0	23°41	3°52	2°33	14° 2	20°32	T 24
W25	8 26 21	8° 1'19	6♉37	16°51	21°20	1°54	11°54	20°23	13° 1	12° 2	23°40	3°R53	2°30	14° 9	20°29	W25
T 26	8 30 17	9° 1'53	18°40	18°18	22°21	2°37	11°58	20°21	12°59	12° 4	23°38	3°52	2°27	14°16	20°27	T 26
F 27	8 34 14	10° 2'26	0♒55	19°46	23°24	3°19	12° 3	20°19	12°57	12° 6	23°37	3°49	2°23	14°22	20°26	F 27
S 28	8 38 11	11° 2'57	13°22	21°15	24°26	4° 2	12° 7	20°16	12°55	12° 8	23°36	3°44	2°20	14°29	20°24	S 28
S 29	8 42 7	12° 3'26	26° 3	22°45	25°29	4°44	12°12	20°14	12°53	12°10	23°34	3°37	2°17	14°36	20°22	S 29
M30	8 46 4	13° 3'53	8♓57	24°16	26°32	5°26	12°18	20°12	12°51	12°12	23°33	3°30	2°14	14°42	20°20	M30
T 31	8 50 0	14♒ 4'18	22♓ 5	25♉48	27♐36	6♈ 8	12♉23	20♊10	12♍49	12♓14	23♋32	3♉23	2♉11	14♐49	20♊18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s54	12s31	3n35	20s47	2n29	15s46	4n23	6s30	0s32	14n23	0s55	22n28	0s53	7n13	0n47	8s35	1s19	27n49	6n30	23s32	23s33	24s15	16n51	6s30
M 2	22 47	7 44	4 20	20 59	2 20	15 57	4 22	6 13	0 30	14 24	0 54	22 28	0 53	7 14	0 48	8 34	1 19	27 49	6 30	23 33	23 33	24 15	16 51	6 30
T 3	22 40	2 33	4 54	21 11	2 10	16 9	4 21	5 55	0 29	14 24	0 54	22 28	0 53	7 14	0 48	8 34	1 19	27 50	6 31	23 33	23 33	24 15	16 51	6 29
W 4	22 33	2n50	5 13	21 23	2 0	16 20	4 20	5 37	0 28	14 24	0 54	22 28	0 52	7 15	0 48	8 33	1 19	27 50	6 31	23 33	23 33	24 16	16 51	6 29
T 5	22 25	8 12	5 16	21 36	1 50	16 32	4 18	5 19	0 27	14 24	0 53	22 28	0 52	7 15	0 48	8 32	1 19	27 51	6 31	23 33	23 33	24 16	16 51	6 29
F 6	22 17	13 19	5 1	21 48	1 40	16 44	4 16	5 2	0 26	14 25	0 53	22 28	0 52	7 15	0 48	8 32	1 19	27 51	6 31	23 33	23 34	24 16	16 51	6 29
S 7	22 8	17 52	4 29	22 1	1 30	16 55	4 14	4 44	0 25	14 25	0 53	22 28	0 52	7 16	0 48	8 31	1 19	27 51	6 31	23 33	23 34	24 16	16 51	6 29
S 8	21 59	21 29	3 39	22 13	1 19	17 7	4 12	4 26	0 24	14 26	0 53	22 27	0 52	7 16	0 48	8 31	1 19	27 52	6 31	23 33	23 34	24 16	16 51	6 29
M 9	21 49	23 48	2 34	22 24	1 9	17 18	4 10	4 8	0 23	14 27	0 52	22 27	0 52	7 17	0 48	8 30	1 19	27 52	6 31	23 33	23 34	24 16	16 50	6 29
T 10	21 39	24 31	1 19	22 36	1 0	17 30	4 8	3 50	0 22	14 27	0 52	22 27	0 52	7 17	0 48	8 29	1 19	27 52	6 31	23 33	23 34	24 16	16 50	6 29
W11	21 29	23 29	0s 3	22 46	0 50	17 42	4 5	3 32	0 21	14 28	0 52	22 27	0 51	7 18	0 48	8 29	1 19	27 53	6 31	23 33	23 34	24 16	16 50	6 29
T 12	21 18	20 47	1 24	22 56	0 40	17 53	4 3	3 14	0 20	14 29	0 51	22 27	0 51	7 19	0 48	8 28	1 19	27 53	6 31	23 33	23 34	24 16	16 50	6 29
F 13	21 7	16 45	2 39	23 5	0 31	18 4	4 0	2 56	0 19	14 30	0 51	22 27	0 51	7 19	0 48	8 27	1 19	27 53	6 31	23 33	23 34	24 16	16 50	6 28
S 14	20 55	11 48	3 42	23 14	0 22	18 15	3 57	2 38	0 19	14 31	0 51	22 27	0 51	7 20	0 48	8 27	1 19	27 54	6 32	23 33	23 34	24 16	16 50	6 28
S 15	20 43	6 20	4 30	23 21	0 13	18 26	3 54	2 21	0 18	14 32	0 51	22 27	0 51	7 20	0 48	8 26	1 19	27 54	6 32	23 33	23 34	24 16	16 50	6 28
M16	20 31	0 44	5 0	23 28	0 4	18 37	3 51	2 3	0 17	14 33	0 50	22 27	0 51	7 21	0 48	8 25	1 19	27 54	6 32	23 33	23 34	24 16	16 50	6 28
T 17	20 18	4s43	5 14	23 33	0s 5	18 47	3 48	1 45	0 16	14 34	0 50	22 27	0 50	7 22	0 48	8 24	1 19	27 55	6 32	23 33	23 34	24 16	16 50	6 28
W18	20 5	9 48	5 11	23 38	0 13	18 58	3 44	1 27	0 15	14 35	0 50	22 27	0 50	7 22	0 48	8 24	1 19	27 55	6 32	23 33	23 34	24 16	16 50	6 27
T 19	19 52	14 20	4 53	23 41	0 21	19 8	3 41	1 9	0 14	14 36	0 50	22 27	0 50	7 23	0 48	8 23	1 19	27 55	6 32	23 33	23 35	24 16	16 50	6 27
F 20	19 38	18 11	4 22	23 43	0 29	19 17	3 37	0 51	0 13	14 38	0 49	22 27	0 50	7 24	0 48	8 22	1 19	27 55	6 32	23 33	23 35	24 16	16 50	6 27
S 21	19 24	21 12	3 41	23 44	0 37	19 27	3 34	0 33	0 12	14 39	0 49	22 27	0 50	7 24	0 48	8 22	1 19	27 56	6 32	23 33	23 35	24 16	16 50	6 27
S 22	19 9	23 18	2 50	23 44	0 44	19 36	3 30	0 15	0 11	14 40	0 49	22 26	0 50	7 25	0 48	8 21	1 19	27 56	6 32	23 33	23 35	24 16	16 50	6 27
M23	18 54	24 22	1 52	23 43	0 51	19 45	3 26	0n 3	0 10	14 42	0 48	22 26	0 49	7 26	0 48	8 20	1 19	27 56	6 32	23 33	23 35	24 16	16 51	6 26
T 24	18 39	24 20	0 50	23 40	0 58	19 53	3 22	0 20	0 9	14 43	0 48	22 26	0 49	7 27	0 48	8 19	1 19	27 57	6 32	23 33	23 35	24 16	16 51	6 26
W25	18 23	23 11	0n15	23 36	1 5	20 1	3 18	0 38	0 8	14 45	0 48	22 26	0 49	7 28	0 48	8 19	1 19	27 57	6 32	23 33	23 35	24 16	16 51	6 26
T 26	18 7	20 58	1 20	23 31	1 11	20 9	3 14	0 56	0 8	14 47	0 48	22 26	0 49	7 28	0 48	8 18	1 19	27 57	6 32	23 33	23 35	24 16	16 51	6 26
F 27	17 51	17 47	2 22	23 25	1 17	20 16	3 10	1 14	0 7	14 48	0 47	22 26	0 49	7 29	0 48	8 17	1 19	27 57	6 32	23 33	23 35	24 16	16 51	6 26
S 28	17 35	13 45	3 19	23 17	1 23	20 23	3 6	1 31	0 6	14 50	0 47	22 26	0 48	7 30	0 48	8 16	1 19	27 58	6 32	23 33	23 35	24 16	16 51	6 25
S 29	17 18	9 4	4 6	23 7	1 28	20 30	3 2	1 49	0 5	14 52	0 47	22 26	0 48	7 31	0 48	8 15	1 19	27 58	6 32	23 33	23 35	24 16	16 51	6 25
M30	17 1	3 55	4 42	22 57	1 33	20 36	2 58	2 7	0 4	14 54	0 47	22 27	0 48	7 32	0 48	8 15	1 19	27 58	6 32	23 34	23 35	24 16	16 51	6 25
T 31	16s43	1n29	5n 4	22s44	1s38	20s42	2n53	2n24	0s 3	14n55	0s46	22n27	0s48	7n32	0n48	8s14	1s19	27n58	6n32	23s34	23s35	24s16	16n51	6s24

Julian Day Number = 1979654.5, Delta T = 59m36s
Ecliptic obliquity = 23°36'22, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'39, Lahiri = 5°51'39 Julian Calendar 1 Jan. 708 == Greg. Calendar 5 Jan. 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

FEBRUARY 708 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 53 57	15♒ 4'42	5♈25	27♑21	28♐40	6♈51	12♉28	20°R 9	12°R47	12♓16	23°R31	3°R17	2♑ 8	14♐55	20°R17	W 1
T 2	8 57 53	16° 5'03	18°58	28°55	29°43	7°33	12°34	20♊ 7	12♍44	12°18	23♋29	3♑12	2° 4	15° 2	20♊15	T 2
F 3	9 1 50	17° 5'23	2♉41	0♒30	0♑48	8°15	12°40	20° 5	12°42	12°20	23°28	3° 9	2° 1	15° 9	20°14	F 3
S 4	9 5 46	18° 5'40	16°36	2° 6	1°52	8°57	12°46	20° 4	12°40	12°22	23°27	3°D 8	1°58	15°15	20°12	S 4
S 5	9 9 43	19° 5'55	0♊40	3°43	2°57	9°39	12°52	20° 2	12°38	12°24	23°25	3° 9	1°55	15°22	20°11	S 5
M 6	9 13 40	20° 6'09	14°54	5°22	4° 2	10°21	12°59	20° 1	12°35	12°26	23°24	3°10	1°52	15°29	20°10	M 6
T 7	9 17 36	21° 6'20	29°16	7° 1	5° 7	11° 3	13° 5	20° 0	12°33	12°28	23°23	3°R11	1°49	15°35	20° 9	T 7
W 8	9 21 33	22° 6'29	13♋43	8°41	6°12	11°45	13°12	19°59	12°31	12°31	23°22	3°10	1°45	15°42	20° 7	W 8
T 9	9 25 29	23° 6'36	28°11	10°22	7°18	12°27	13°19	19°58	12°28	12°33	23°21	3° 8	1°42	15°49	20° 6	T 9
F 10	9 29 26	24° 6'40	12♌34	12° 4	8°24	13° 9	13°26	19°57	12°26	12°35	23°19	3° 3	1°39	15°55	20° 5	F 10
S 11	9 33 22	25° 6'43	26°47	13°48	9°30	13°51	13°33	19°56	12°23	12°37	23°18	2°56	1°36	16° 2	20° 5	S 11
S 12	9 37 19	26° 6'44	10♍45	15°32	10°36	14°33	13°40	19°56	12°21	12°39	23°17	2°47	1°33	16° 9	20° 4	S 12
M13	9 41 15	27° 6'42	24°22	17°17	11°42	15°15	13°47	19°55	12°18	12°41	23°16	2°38	1°29	16°15	20° 3	M13
T 14	9 45 12	28° 6'39	7♎38	19° 4	12°49	15°57	13°55	19°55	12°16	12°44	23°15	2°28	1°26	16°22	20° 2	T 14
W15	9 49 9	29° 6'35	20°31	20°52	13°55	16°38	14° 3	19°55	12°13	12°46	23°14	2°21	1°23	16°29	20° 2	W15
T 16	9 53 5	0♓ 6'28	3♏ 2	22°41	15° 2	17°20	14°10	19°55	12°11	12°48	23°13	2°15	1°20	16°35	20° 1	T 16
F 17	9 57 2	1° 6'20	15°15	24°31	16° 9	18° 2	14°18	19°D55	12° 8	12°50	23°12	2°11	1°17	16°42	20° 1	F 17
S 18	10 0 58	2° 6'10	27°15	26°22	17°16	18°43	14°27	19°55	12° 6	12°53	23°11	2°D10	1°14	16°49	20° 0	S 18
S 19	10 4 55	3° 5'58	9♐ 6	28°14	18°24	19°25	14°35	19°55	12° 3	12°55	23° 9	2°10	1°10	16°55	20° 0	S 19
M20	10 8 51	4° 5'45	20°54	0♓ 8	19°31	20° 7	14°43	19°55	12° 1	12°57	23° 8	2°10	1° 7	17° 2	20° 0	M20
T 21	10 12 48	5° 5'29	2♑44	2° 2	20°39	20°48	14°52	19°55	11°58	12°59	23° 7	2°R11	1° 4	17° 8	20° 0	T 21
W22	10 16 44	6° 5'12	14°41	3°58	21°46	21°30	15° 0	19°56	11°56	13° 2	23° 7	2°10	1° 1	17°15	20°D 0	W22
T 23	10 20 41	7° 4'53	26°50	5°55	22°54	22°11	15° 9	19°57	11°53	13° 4	23° 6	2° 7	0°58	17°22	20° 0	T 23
F 24	10 24 38	8° 4'33	9♒14	7°53	24° 2	22°53	15°18	19°57	11°50	13° 6	23° 5	2° 1	0°54	17°28	20° 0	F 24
S 25	10 28 34	9° 4'10	21°55	9°51	25°10	23°34	15°27	19°58	11°48	13° 8	23° 4	1°53	0°51	17°35	20° 0	S 25
S 26	10 32 31	10° 3'45	4♓55	11°51	26°19	24°16	15°36	19°59	11°45	13°11	23° 3	1°43	0°48	17°42	20° 0	S 26
M27	10 36 27	11° 3'18	18°13	13°51	27°27	24°57	15°46	20° 0	11°43	13°13	23° 2	1°31	0°45	17°48	20° 0	M27
T 28	10 40 24	12° 2'49	1♈46	15°52	28°36	25°38	15°55	20° 1	11°40	13°15	23° 1	1°19	0°42	17°55	20° 1	T 28
W29	10 44 20	13♓ 2'18	15♈31	17♓53	29♑44	26♈20	16♉ 5	20♊ 3	11♍37	13♓17	23♋ 0	1♑ 9	0♑39	18♐ 2	20♊ 1	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s26	6n54	5n 9	22s31	1s43	20s47	2n49	2n42	0s 2	14n57	0s46	22n27	0s48	7n33	0n48	8s13	1s19	27n59	6n32	23s34	23s35	24s16	16n52	6s24
T 2	16 8	12 4	4 58	22 15	1 47	20 52	2 45	3 0	0 2	14 59	0 46	22 27	0 48	7 34	0 48	8 12	1 19	27 59	6 32	23 34	23 35	24 16	16 52	6 24
F 3	15 49	16 42	4 30	21 59	1 50	20 56	2 40	3 17	0 1	15 1	0 46	22 27	0 47	7 35	0 48	8 11	1 19	27 59	6 32	23 34	23 35	24 16	16 52	6 24
S 4	15 31	20 30	3 45	21 41	1 54	21 0	2 36	3 35	0n 0	15 3	0 45	22 27	0 47	7 36	0 49	8 11	1 19	27 59	6 32	23 34	23 35	24 16	16 52	6 23
S 5	15 12	23 9	2 47	21 21	1 57	21 3	2 31	3 52	0 1	15 6	0 45	22 27	0 47	7 37	0 49	8 10	1 19	28 0	6 32	23 34	23 36	24 15	16 52	6 23
M 6	14 53	24 21	1 37	20 59	1 59	21 6	2 27	4 9	0 2	15 8	0 45	22 27	0 47	7 38	0 49	8 9	1 19	28 0	6 32	23 34	23 36	24 15	16 53	6 23
T 7	14 34	23 57	0 21	20 37	2 2	21 8	2 22	4 27	0 3	15 10	0 45	22 27	0 47	7 39	0 49	8 8	1 19	28 0	6 32	23 34	23 36	24 15	16 53	6 22
W 8	14 14	21 57	0s57	20 12	2 4	21 10	2 18	4 44	0 3	15 12	0 44	22 27	0 47	7 40	0 49	8 7	1 19	28 0	6 32	23 34	23 36	24 15	16 53	6 22
T 9	13 55	18 32	2 11	19 46	2 5	21 11	2 13	5 1	0 4	15 14	0 44	22 27	0 46	7 41	0 49	8 6	1 19	28 0	6 32	23 34	23 36	24 15	16 53	6 22
F 10	13 35	14 1	3 16	19 19	2 6	21 12	2 9	5 18	0 5	15 17	0 44	22 27	0 46	7 41	0 49	8 6	1 19	28 1	6 32	23 34	23 36	24 15	16 53	6 22
S 11	13 14	8 47	4 8	18 50	2 7	21 12	2 4	5 35	0 6	15 19	0 44	22 27	0 46	7 42	0 49	8 5	1 18	28 1	6 32	23 34	23 36	24 15	16 54	6 21
S 12	12 54	3 13	4 44	18 19	2 7	21 12	1 59	5 52	0 6	15 22	0 43	22 28	0 46	7 43	0 49	8 4	1 18	28 1	6 32	23 35	23 36	24 15	16 54	6 21
M13	12 34	2s23	5 3	17 46	2 7	21 11	1 55	6 9	0 7	15 24	0 43	22 28	0 46	7 44	0 49	8 3	1 18	28 1	6 32	23 35	23 36	24 14	16 54	6 21
T 14	12 13	7 42	5 5	17 12	2 6	21 10	1 50	6 26	0 8	15 27	0 43	22 28	0 45	7 45	0 49	8 2	1 18	28 1	6 32	23 35	23 36	24 14	16 54	6 20
W15	11 52	12 33	4 51	16 37	2 5	21 8	1 45	6 43	0 9	15 29	0 43	22 28	0 45	7 46	0 49	8 1	1 18	28 2	6 32	23 35	23 36	24 14	16 55	6 20
T 16	11 31	16 43	4 23	16 0	2 3	21 5	1 41	7 0	0 9	15 32	0 43	22 28	0 45	7 47	0 49	8 0	1 18	28 2	6 32	23 35	23 36	24 14	16 55	6 20
F 17	11 9	20 6	3 44	15 21	2 1	21 2	1 36	7 17	0 10	15 34	0 42	22 28	0 45	7 48	0 49	8 0	1 18	28 2	6 32	23 35	23 36	24 14	16 55	6 19
S 18	10 48	22 32	2 56	14 40	1 59	20 58	1 32	7 33	0 11	15 37	0 42	22 29	0 45	7 49	0 49	7 59	1 18	28 2	6 32	23 35	23 36	24 14	16 56	6 19
S 19	10 26	23 57	2 0	13 58	1 56	20 54	1 27	7 50	0 12	15 39	0 42	22 29	0 45	7 50	0 49	7 58	1 18	28 2	6 32	23 35	23 36	24 13	16 56	6 19
M20	10 5	24 17	1 0	13 15	1 52	20 49	1 22	8 6	0 12	15 42	0 42	22 29	0 44	7 51	0 49	7 57	1 18	28 2	6 32	23 35	23 36	24 13	16 56	6 18
T 21	9 43	23 32	0n 3	12 30	1 48	20 44	1 18	8 23	0 13	15 45	0 41	22 29	0 44	7 52	0 49	7 56	1 18	28 2	6 32	23 35	23 36	24 13	16 57	6 18
W22	9 20	21 42	1 6	11 43	1 43	20 38	1 13	8 39	0 14	15 48	0 41	22 29	0 44	7 53	0 49	7 55	1 18	28 3	6 32	23 35	23 36	24 13	16 57	6 18
T 23	8 58	18 51	2 8	10 55	1 38	20 31	1 9	8 55	0 14	15 50	0 41	22 30	0 44	7 54	0 49	7 54	1 18	28 3	6 32	23 35	23 36	24 13	16 57	6 17
F 24	8 36	15 7	3 4	10 5	1 32	20 24	1 4	9 11	0 15	15 53	0 41	22 30	0 44	7 55	0 49	7 53	1 18	28 3	6 32	23 35	23 36	24 12	16 58	6 17
S 25	8 13	10 38	3 53	9 14	1 25	20 16	1 0	9 28	0 16	15 56	0 41	22 30	0 43	7 56	0 49	7 53	1 18	28 3	6 32	23 36	23 36	24 12	16 58	6 17
S 26	7 51	5 35	4 30	8 22	1 18	20 8	0 55	9 44	0 17	15 59	0 40	22 30	0 43	7 57	0 49	7 52	1 18	28 3	6 31	23 36	23 36	24 12	16 58	6 16
M27	7 28	0 11	4 54	7 29	1 11	19 59	0 51	10 0	0 17	16 2	0 40	22 31	0 43	7 58	0 49	7 51	1 18	28 3	6 31	23 36	23 36	24 12	16 59	6 16
T 28	7 5	5n19	5 2	6 34	1 2	19 50	0 46	10 15	0 18	16 5	0 40	22 31	0 43	7 59	0 49	7 50	1 19	28 3	6 31	23 36	23 36	24 11	16 59	6 16
W29	6s43	10n39	4n53	5s39	0s54	19s40	0n42	10n31	0n19	16n 8	0s40	22n31	0s43	8n 0	0n49	7s49	1s19	28n 3	6n31	23s36	23s36	24s11	16n59	6s15

Julian Day Number = 1979685.5, Delta T = 59m35s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'43, Lahiri = 5°51'43 Julian Calendar 1 Feb. 708 == Greg. Calendar 5 Feb. 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

MARCH 708 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 48 17	14♓ 1'44	29♈26	19♓54	0♒53	27♈ 1	16♉14	20♊ 4	11°R35	13♓20	22°R59	1°R 0	0♑35	18♐ 8	20♊ 2	T 1
F 2	10 52 13	15° 1'08	13♉27	21°56	2° 2	27°42	16°24	20° 6	11♍32	13°22	22♋59	0♑54	0°32	18°15	20° 2	F 2
S 3	10 56 10	16° 0'30	27°31	23°57	3°10	28°23	16°34	20° 7	11°30	13°24	22°58	0°51	0°29	18°22	20° 3	S 3
S 4	11 0 6	16°59'50	11♊37	25°58	4°19	29° 4	16°44	20° 9	11°27	13°27	22°57	0°D49	0°26	18°28	20° 4	S 4
M 5	11 4 3	17°59'07	25°43	27°58	5°28	29°45	16°54	20°11	11°24	13°29	22°56	0°R49	0°23	18°35	20° 5	M 5
T 6	11 8 0	18°58'22	9♋49	29°56	6°38	0♉27	17° 4	20°13	11°22	13°31	22°56	0°49	0°20	18°42	20° 6	T 6
W 7	11 11 56	19°57'34	23°53	1♈53	7°47	1° 8	17°14	20°15	11°19	13°33	22°55	0°48	0°16	18°48	20° 7	W 7
T 8	11 15 53	20°56'44	7♌54	3°49	8°56	1°49	17°25	20°17	11°17	13°36	22°54	0°44	0°13	18°55	20° 8	T 8
F 9	11 19 49	21°55'51	21°51	5°41	10° 6	2°30	17°35	20°19	11°14	13°38	22°54	0°37	0°10	19° 2	20° 9	F 9
S 10	11 23 46	22°54'57	5♍38	7°32	11°15	3°11	17°46	20°22	11°12	13°40	22°53	0°27	0° 7	19° 8	20°10	S 10
S 11	11 27 42	23°54'00	19°14	9°19	12°25	3°51	17°56	20°24	11° 9	13°42	22°53	0°15	0° 4	19°15	20°12	S 11
M12	11 31 39	24°53'00	2♎36	11° 2	13°34	4°32	18° 7	20°27	11° 7	13°45	22°52	0° 2	0° 0	19°21	20°13	M12
T 13	11 35 35	25°51'59	15°39	12°42	14°44	5°13	18°18	20°29	11° 4	13°47	22°52	29♐50	29♐57	19°28	20°14	T 13
W14	11 39 32	26°50'56	28°25	14°18	15°54	5°54	18°29	20°32	11° 2	13°49	22°51	29°38	29°54	19°35	20°16	W14
T 15	11 43 29	27°49'51	10♏53	15°49	17° 4	6°35	18°40	20°35	10°59	13°51	22°51	29°29	29°51	19°41	20°17	T 15
F 16	11 47 25	28°48'44	23° 5	17°15	18°14	7°15	18°51	20°38	10°57	13°53	22°50	29°23	29°48	19°48	20°19	F 16
S 17	11 51 22	29°47'35	5♐ 4	18°36	19°24	7°56	19° 2	20°41	10°54	13°56	22°50	29°19	29°45	19°55	20°21	S 17
S 18	11 55 18	0♈46'25	16°55	19°52	20°34	8°37	19°14	20°44	10°52	13°58	22°49	29°18	29°41	20° 1	20°23	S 18
M19	11 59 15	1°45'13	28°43	21° 3	21°44	9°17	19°25	20°48	10°49	14° 0	22°49	29°18	29°38	20° 8	20°24	M19
T 20	12 3 11	2°43'59	10♑34	22° 8	22°54	9°58	19°37	20°51	10°47	14° 2	22°49	29°17	29°35	20°15	20°26	T 20
W21	12 7 8	3°42'43	22°32	23° 7	24° 4	10°39	19°48	20°55	10°45	14° 4	22°48	29°16	29°32	20°21	20°28	W21
T 22	12 11 4	4°41'25	4♒44	24° 1	25°15	11°19	20° 0	20°58	10°42	14° 7	22°48	29°14	29°29	20°28	20°31	T 22
F 23	12 15 1	5°40'06	17°13	24°48	26°25	12° 0	20°12	21° 2	10°40	14° 9	22°48	29° 8	29°26	20°35	20°33	F 23
S 24	12 18 58	6°38'44	0♓ 3	25°29	27°35	12°40	20°23	21° 6	10°38	14°11	22°48	29° 0	29°22	20°41	20°35	S 24
S 25	12 22 54	7°37'21	13°16	26° 5	28°46	13°21	20°35	21° 9	10°36	14°13	22°47	28°50	29°19	20°48	20°37	S 25
M26	12 26 51	8°35'56	26°51	26°34	29°56	14° 1	20°47	21°13	10°33	14°15	22°47	28°38	29°16	20°55	20°40	M26
T 27	12 30 47	9°34'29	10♈47	26°57	1♓ 7	14°41	20°59	21°17	10°31	14°17	22°47	28°26	29°13	21° 1	20°42	T 27
W28	12 34 44	10°33'00	24°58	27°14	2°18	15°22	21°11	21°21	10°29	14°19	22°47	28°15	29°10	21° 8	20°44	W28
T 29	12 38 40	11°31'30	9♉19	27°25	3°28	16° 2	21°23	21°26	10°27	14°21	22°47	28° 6	29° 6	21°14	20°47	T 29
F 30	12 42 37	12°29'57	23°45	27°R29	4°39	16°42	21°36	21°30	10°25	14°23	22°47	28° 0	29° 3	21°21	20°50	F 30
S 31	12 46 33	13♈28'22	8♊ 9	27♈29	5♓50	17♉23	21♉48	21♊34	10♍23	14♓25	22♋47	27♐56	29♐ 0	21♐28	20♊52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	6s20	15n29	4n26	4s42	0s44	19s30	0n37	10n47	0n19	16n11	0s40	22n31	0s43	8n 1	0n49	7s48	1s19	28n 3	6n31	23s36	23s36	24s11	17n 0	6s15	
F 2	5 56	19 32	3 43	3 45	0 35	19 19	0 33	11 2	0 20	16 14	0 39	22 32	0 42	8 2	0 49	7 47	1 19	28 3	6 31	23 36	23 36	24 11	17 0	6 15	
S 3	5 33	22 27	2 47	2 48	0 24	19 7	0 29	11 18	0 21	16 17	0 39	22 32	0 42	8 3	0 49	7 46	1 19	28 3	6 31	23 36	23 36	24 10	17 1	6 14	
S 4	5 10	23 59	1 40	1 50	0 14	18 55	0 25	11 33	0 21	16 20	0 39	22 32	0 42	8 4	0 49	7 46	1 19	28 3	6 31	23 36	23 36	24 10	17 1	6 14	
M 5	4 47	23 59	0 27	0 52	0 3	18 42	0 20	11 48	0 22	16 23	0 39	22 33	0 42	8 5	0 49	7 45	1 19	28 4	6 31	23 36	23 36	24 10	17 1	6 14	
T 6	4 24	22 27	0s47	0n 6	0n 9	18 29	0 16	12 3	0 22	16 26	0 39	22 33	0 42	8 6	0 49	7 44	1 19	28 4	6 31	23 36	23 36	24 9	17 2	6 13	
W 7	4 0	19 32	1 59	1 4	0 20	18 15	0 12	12 18	0 23	16 29	0 38	22 33	0 41	8 7	0 49	7 43	1 19	28 4	6 31	23 36	23 36	24 9	17 2	6 13	
T 8	3 37	15 28	3 3	2 1	0 32	18 1	0 8	12 33	0 24	16 32	0 38	22 34	0 41	8 8	0 49	7 42	1 19	28 4	6 31	23 36	23 36	24 9	17 3	6 13	
F 9	3 13	10 37	3 55	2 57	0 44	17 46	0 4	12 48	0 24	16 35	0 38	22 34	0 41	8 9	0 49	7 41	1 19	28 4	6 31	23 36	23 36	24 9	17 3	6 12	
S 10	2 50	5 16	4 33	3 52	0 56	17 31	0 0	13 3	0 25	16 38	0 38	22 34	0 41	8 10	0 49	7 40	1 19	28 4	6 31	23 36	23 36	24 8	17 3	6 12	
S 11	2 26	0s14	4 55	4 45	1 8	17 15	0s 4	13 17	0 26	16 42	0 38	22 35	0 41	8 11	0 49	7 40	1 19	28 4	6 30	23 36	23 36	24 8	17 4	6 12	
M12	2 3	5 37	5 0	5 37	1 20	16 59	0 8	13 32	0 26	16 45	0 37	22 35	0 41	8 12	0 49	7 39	1 19	28 4	6 30	23 36	23 36	24 8	17 4	6 11	
T 13	1 39	10 39	4 49	6 27	1 31	16 43	0 11	13 46	0 27	16 48	0 37	22 35	0 40	8 13	0 49	7 38	1 19	28 4	6 30	23 36	23 36	24 7	17 5	6 11	
W14	1 16	15 5	4 24	7 15	1 43	16 25	0 15	14 1	0 27	16 51	0 37	22 36	0 40	8 14	0 49	7 37	1 19	28 4	6 30	23 36	23 36	24 7	17 5	6 11	
T 15	0 52	18 46	3 46	8 1	1 54	16 8	0 19	14 15	0 28	16 54	0 37	22 36	0 40	8 15	0 49	7 36	1 19	28 4	6 30	23 36	23 36	24 7	17 6	6 10	
F 16	0 29	21 33	2 59	8 44	2 4	15 50	0 22	14 29	0 28	16 58	0 37	22 37	0 40	8 16	0 49	7 35	1 19	28 4	6 30	23 36	23 36	24 6	17 6	6 10	
S 17	0 5	23 20	2 5	9 24	2 14	15 31	0 26	14 43	0 29	17 1	0 37	22 37	0 40	8 17	0 49	7 34	1 19	28 4	6 30	23 36	23 36	24 6	17 7	6 10	
S 18	0n19	24 2	1 5	10 2	2 23	15 12	0 29	14 56	0 30	17 4	0 36	22 37	0 40	8 18	0 49	7 34	1 19	28 4	6 30	23 36	23 36	24 6	17 7	6 9	
M19	0 42	23 39	0 3	10 37	2 32	14 53	0 33	15 10	0 30	17 8	0 36	22 38	0 39	8 18	0 49	7 33	1 19	28 4	6 30	23 36	23 36	24 5	17 7	6 9	
T 20	1 6	22 12	0n59	11 8	2 39	14 33	0 36	15 23	0 31	17 11	0 36	22 38	0 39	8 19	0 49	7 32	1 19	28 4	6 30	23 36	23 36	24 5	17 8	6 9	
W21	1 29	19 44	2 0	11 37	2 46	14 13	0 39	15 37	0 31	17 14	0 36	22 39	0 39	8 20	0 49	7 31	1 19	28 4	6 30	23 36	23 36	24 4	17 8	6 8	
T 22	1 53	16 22	2 56	12 3	2 52	13 52	0 43	15 50	0 32	17 17	0 36	22 39	0 39	8 21	0 49	7 30	1 19	28 4	6 29	23 36	23 36	24 4	17 9	6 8	
F 23	2 16	12 13	3 45	12 25	2 57	13 31	0 46	16 3	0 32	17 21	0 36	22 39	0 39	8 22	0 49	7 30	1 19	28 3	6 29	23 36	23 36	24 4	17 9	6 8	
S 24	2 39	7 25	4 24	12 44	3 1	13 9	0 49	16 16	0 33	17 24	0 35	22 40	0 39	8 23	0 48	7 29	1 19	28 3	6 29	23 36	23 36	24 3	17 10	6 7	
S 25	3 3	2 9	4 50	12 59	3 4	12 48	0 52	16 29	0 33	17 27	0 35	22 40	0 38	8 24	0 48	7 28	1 19	28 3	6 29	23 36	23 36	24 3	17 10	6 7	
M26	3 26	3n20	5 1	13 12	3 6	12 25	0 55	16 42	0 34	17 31	0 35	22 41	0 38	8 24	0 48	7 27	1 19	28 3	6 29	23 36	23 36	24 2	17 11	6 7	
T 27	3 49	8 48	4 54	13 20	3 6	12 3	0 58	16 54	0 35	17 34	0 35	22 41	0 38	8 25	0 48	7 26	1 19	28 3	6 29	23 36	23 36	24 2	17 11	6 6	
W28	4 12	13 54	4 29	13 26	3 5	11 40	1 0	17 7	0 35	17 37	0 35	22 41	0 38	8 26	0 48	7 26	1 19	28 3	6 29	23 36	23 36	24 2	17 12	6 6	
T 29	4 35	18 17	3 47	13 28	3 3	11 17	1 3	17 19	0 36	17 41	0 35	22 42	0 38	8 27	0 48	7 25	1 19	28 3	6 29	23 36	23 36	24 1	17 12	6 6	
F 30	4 58	21 35	2 51	13 26	2 59	10 53	1 6	17 31	0 36	17 44	0 34	22 42	0 38	8 28	0 48	7 24	1 19	28 3	6 29	23 35	23 36	24 1	17 13	6 5	
S 31	5n21	23n31	1n43	13n22	2n55	10s29	1s 8	17n43	0n37	17n47	0s34	22n43	0s38	8n28	0n48	7s23	1s19	28n 3	6n29	23s35	23s36	24s 0	17n13	6s 5	

Julian Day Number = 1979714.5, Delta T = 59m34s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'47, Lahiri = 5°51'47 Julian Calendar 1 March 708 == Greg. Calendar 5 March 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

APRIL 708 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 50 30	14♈26'45	22♊28	27°R22	7♓ 1	18♉ 3	22♉ 0	21♊39	10°R21	14♓28	22°D47	27°D55	28♐57	21♐34	20♊55	S 1
M 2	12 54 26	15°25'05	6♋40	27♈10	8°11	18°43	22°13	21°43	10♍19	14°30	22♋47	27♐55	28°54	21°41	20°58	M 2
T 3	12 58 23	16°23'24	20°43	26°53	9°22	19°23	22°25	21°48	10°17	14°32	22°47	27°R55	28°51	21°48	21° 1	T 3
W 4	13 2 20	17°21'40	4♌36	26°32	10°33	20° 3	22°38	21°53	10°15	14°34	22°47	27°54	28°47	21°54	21° 4	W 4
T 5	13 6 16	18°19'55	18°20	26° 6	11°44	20°43	22°50	21°58	10°13	14°36	22°47	27°51	28°44	22° 1	21° 7	T 5
F 6	13 10 13	19°18'07	1♍54	25°37	12°55	21°23	23° 3	22° 2	10°11	14°37	22°47	27°45	28°41	22° 8	21°10	F 6
S 7	13 14 9	20°16'16	15°17	25° 5	14° 6	22° 3	23°15	22° 7	10° 9	14°39	22°47	27°36	28°38	22°14	21°13	S 7
S 8	13 18 6	21°14'24	28°29	24°30	15°17	22°43	23°28	22°12	10° 8	14°41	22°47	27°26	28°35	22°21	21°16	S 8
M 9	13 22 2	22°12'31	11♎28	23°53	16°29	23°23	23°41	22°18	10° 6	14°43	22°47	27°15	28°31	22°28	21°19	M 9
T 10	13 25 59	23°10'35	24°14	23°15	17°40	24° 3	23°54	22°23	10° 4	14°45	22°48	27° 4	28°28	22°34	21°22	T 10
W11	13 29 55	24° 8'38	6♏45	22°37	18°51	24°43	24° 7	22°28	10° 3	14°47	22°48	26°54	28°25	22°41	21°26	W11
T 12	13 33 52	25° 6'39	19° 3	21°59	20° 2	25°23	24°20	22°33	10° 1	14°49	22°48	26°46	28°22	22°47	21°29	T 12
F 13	13 37 49	26° 4'38	1♐ 9	21°22	21°13	26° 3	24°33	22°39	9°59	14°51	22°48	26°40	28°19	22°54	21°32	F 13
S 14	13 41 45	27° 2'36	13° 5	20°46	22°25	26°43	24°46	22°44	9°58	14°52	22°49	26°37	28°16	23° 1	21°36	S 14
S 15	13 45 42	28° 0'33	24°55	20°13	23°36	27°22	24°59	22°50	9°56	14°54	22°49	26°D36	28°12	23° 7	21°40	S 15
M16	13 49 38	28°58'28	6♑42	19°42	24°47	28° 2	25°12	22°55	9°55	14°56	22°50	26°36	28° 9	23°14	21°43	M16
T 17	13 53 35	29°56'22	18°32	19°14	25°59	28°42	25°25	23° 1	9°54	14°58	22°50	26°37	28° 6	23°21	21°47	T 17
W18	13 57 31	0♒54'14	0♒31	18°50	27°10	29°22	25°38	23° 7	9°52	14°59	22°50	26°R38	28° 3	23°27	21°50	W18
T 19	14 1 28	1°52'05	12°42	18°29	28°22	0♊ 1	25°51	23°13	9°51	15° 1	22°51	26°37	28° 0	23°34	21°54	T 19
F 20	14 5 24	2°49'55	25°12	18°13	29°33	0°41	26° 5	23°18	9°50	15° 3	22°51	26°35	27°57	23°41	21°58	F 20
S 21	14 9 21	3°47'44	8♓ 4	18° 1	0♈45	1°21	26°18	23°24	9°49	15° 4	22°52	26°30	27°53	23°47	22° 2	S 21
S 22	14 13 18	4°45'31	21°21	17°54	1°56	2° 0	26°31	23°30	9°47	15° 6	22°52	26°24	27°50	23°54	22° 6	S 22
M23	14 17 14	5°43'17	5♈ 4	17°D51	3° 8	2°40	26°45	23°36	9°46	15° 8	22°53	26°16	27°47	24° 1	22°10	M23
T 24	14 21 11	6°41'02	19°12	17°52	4°20	3°19	26°58	23°43	9°45	15° 9	22°54	26° 8	27°44	24° 7	22°14	T 24
W25	14 25 7	7°38'45	3♉41	17°58	5°31	3°59	27°11	23°49	9°44	15°11	22°54	26° 1	27°41	24°14	22°18	W25
T 26	14 29 4	8°36'27	18°24	18° 9	6°43	4°38	27°25	23°55	9°43	15°12	22°55	25°55	27°37	24°21	22°22	T 26
F 27	14 33 0	9°34'08	3♊13	18°24	7°55	5°18	27°38	24° 1	9°42	15°14	22°55	25°51	27°34	24°27	22°26	F 27
S 28	14 36 57	10°31'48	18° 1	18°44	9° 6	5°57	27°52	24° 8	9°41	15°15	22°56	25°49	27°31	24°34	22°30	S 28
S 29	14 40 53	11°29'26	2♋41	19° 8	10°18	6°37	28° 5	24°14	9°41	15°17	22°57	25°D49	27°28	24°40	22°34	S 29
M30	14 44 50	12♉27'02	17♋ 8	19♈36	11♈30	7♊16	28♉19	24♊21	9♍40	15♓18	22♋58	25♐50	27♐25	24♐47	22♊39	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n44	23n52	0n29	13n13	2n48	10s 5	1s11	17n55	0n37	17n51	0s34	22n43	0s37	8n29	0n48	7s22	1s19	28n 3	6n28	23s35	23s36	24s 0	17n13	6s 5
M 2	6 7	22 40	0s46	13 2	2 41	9 41	1 13	18 7	0 38	17 54	0 34	22 44	0 37	8 30	0 48	7 22	1 19	28 3	6 28	23 35	23 36	23 59	17 14	6 5
T 3	6 29	20 3	1 58	12 48	2 32	9 16	1 15	18 18	0 38	17 57	0 34	22 44	0 37	8 31	0 48	7 21	1 19	28 3	6 28	23 35	23 36	23 59	17 14	6 4
W 4	6 52	16 18	3 2	12 30	2 22	8 51	1 17	18 30	0 39	18 1	0 34	22 44	0 37	8 31	0 48	7 20	1 19	28 2	6 28	23 35	23 36	23 58	17 15	6 4
T 5	7 14	11 43	3 54	12 10	2 10	8 26	1 20	18 41	0 39	18 4	0 34	22 45	0 37	8 32	0 48	7 19	1 19	28 2	6 28	23 35	23 36	23 58	17 15	6 4
F 6	7 36	6 37	4 33	11 48	1 58	8 0	1 22	18 52	0 39	18 7	0 33	22 45	0 37	8 33	0 48	7 19	1 19	28 2	6 28	23 35	23 36	23 58	17 16	6 4
S 7	7 58	1 17	4 56	11 23	1 44	7 35	1 24	19 3	0 40	18 11	0 33	22 46	0 36	8 33	0 48	7 18	1 19	28 2	6 28	23 35	23 36	23 57	17 16	6 3
S 8	8 20	4s 1	5 3	10 56	1 29	7 9	1 25	19 14	0 40	18 14	0 33	22 46	0 36	8 34	0 48	7 17	1 19	28 2	6 28	23 35	23 36	23 57	17 17	6 3
M 9	8 42	9 4	4 54	10 28	1 14	6 43	1 27	19 25	0 41	18 18	0 33	22 47	0 36	8 35	0 48	7 17	1 19	28 2	6 28	23 35	23 36	23 56	17 17	6 3
T 10	9 4	13 38	4 30	9 59	0 58	6 16	1 29	19 35	0 41	18 21	0 33	22 47	0 36	8 35	0 48	7 16	1 19	28 2	6 28	23 34	23 36	23 56	17 18	6 2
W11	9 26	17 32	3 54	9 30	0 41	5 50	1 31	19 45	0 42	18 24	0 33	22 48	0 36	8 36	0 48	7 15	1 19	28 2	6 27	23 34	23 36	23 55	17 18	6 2
T 12	9 47	20 36	3 7	9 0	0 24	5 23	1 32	19 56	0 42	18 28	0 33	22 48	0 36	8 36	0 48	7 14	1 19	28 1	6 27	23 34	23 36	23 55	17 19	6 2
F 13	10 8	22 41	2 12	8 30	0 7	4 56	1 34	20 6	0 43	18 31	0 32	22 48	0 36	8 37	0 48	7 14	1 19	28 1	6 27	23 34	23 36	23 54	17 19	6 2
S 14	10 29	23 43	1 12	8 0	0s10	4 29	1 35	20 15	0 43	18 34	0 32	22 49	0 35	8 37	0 48	7 13	1 20	28 1	6 27	23 34	23 36	23 53	17 19	6 1
S 15	10 50	23 40	0 9	7 32	0 27	4 2	1 36	20 25	0 44	18 37	0 32	22 49	0 35	8 38	0 48	7 12	1 20	28 1	6 27	23 34	23 36	23 53	17 20	6 1
M16	11 11	22 32	0n54	7 5	0 44	3 34	1 37	20 35	0 44	18 41	0 32	22 50	0 35	8 38	0 48	7 12	1 20	28 1	6 27	23 34	23 36	23 52	17 20	6 1
T 17	11 32	20 25	1 55	6 39	1 0	3 7	1 39	20 44	0 44	18 44	0 32	22 50	0 35	8 39	0 48	7 11	1 20	28 1	6 27	23 34	23 36	23 52	17 21	6 1
W18	11 52	17 23	2 52	6 16	1 16	2 39	1 40	20 53	0 45	18 47	0 32	22 51	0 35	8 39	0 48	7 11	1 20	28 0	6 27	23 34	23 35	23 51	17 21	6 1
T 19	12 12	13 34	3 42	5 54	1 31	2 12	1 41	21 2	0 45	18 51	0 32	22 51	0 35	8 40	0 48	7 10	1 20	28 0	6 27	23 34	23 35	23 51	17 22	6 0
F 20	12 32	9 5	4 23	5 35	1 45	1 44	1 42	21 11	0 46	18 54	0 31	22 52	0 35	8 40	0 48	7 9	1 20	28 0	6 26	23 34	23 35	23 50	17 22	6 0
S 21	12 52	4 6	4 52	5 18	1 58	1 16	1 42	21 19	0 46	18 57	0 31	22 52	0 34	8 41	0 48	7 9	1 20	28 0	6 26	23 34	23 35	23 50	17 23	6 0
S 22	13 12	1n14	5 6	5 3	2 11	0 48	1 43	21 28	0 46	19 0	0 31	22 52	0 34	8 41	0 48	7 8	1 20	28 0	6 26	23 33	23 35	23 49	17 23	6 0
M23	13 31	6 40	5 4	4 51	2 23	0 20	1 44	21 36	0 47	19 4	0 31	22 53	0 34	8 42	0 48	7 8	1 20	27 59	6 26	23 33	23 35	23 49	17 23	6 0
T 24	13 50	11 56	4 43	4 42	2 33	0n 8	1 44	21 44	0 47	19 7	0 31	22 53	0 34	8 42	0 48	7 7	1 20	27 59	6 26	23 33	23 35	23 48	17 24	5 59
W25	14 9	16 39	4 4	4 35	2 43	0 37	1 45	21 52	0 48	19 10	0 31	22 54	0 34	8 42	0 48	7 6	1 20	27 59	6 26	23 33	23 35	23 47	17 24	5 59
T 26	14 28	20 26	3 8	4 31	2 52	1 5	1 45	22 0	0 48	19 13	0 31	22 54	0 34	8 43	0 47	7 6	1 20	27 59	6 26	23 33	23 35	23 47	17 25	5 59
F 27	14 47	22 54	1 59	4 30	2 59	1 33	1 45	22 8	0 48	19 16	0 31	22 55	0 34	8 43	0 47	7 5	1 20	27 59	6 26	23 32	23 35	23 46	17 25	5 59
S 28	15 5	23 46	0 42	4 31	3 6	2 1	1 46	22 15	0 49	19 20	0 31	22 55	0 34	8 43	0 47	7 5	1 20	27 58	6 26	23 32	23 35	23 46	17 25	5 59
S 29	15 23	22 58	0s37	4 35	3 12	2 29	1 46	22 22	0 49	19 23	0 30	22 55	0 33	8 43	0 47	7 4	1 20	27 58	6 26	23 32	23 35	23 45	17 26	5 58
M30	15n41	20n38	1s53	4n41	3s17	2n57	1s46	22n29	0n50	19n26	0s30	22n56	0s33	8n44	0n47	7s 4	1s20	27n58	6n26	23s32	23s35	23s44	17n26	5s58

Julian Day Number = 1979745.5, Delta T = 59m34s
Ecliptic obliquity = 23°36'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'51, Lahiri = 5°51'52 Julian Calendar 1 Apr. 708 == Greg. Calendar 5 Apr. 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

MAY 708 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 48 47	13♉24'37	1♌20	20♈ 9	12♈42	7♊55	28♉33	24♊27	9°R39	15♓20	22♋58	25♐51	27♐22	24♐54	22♊43	T 1
W 2	14 52 43	14°22'10	15°14	20°45	13°54	8°35	28°46	24°34	9♍38	15°21	22°59	25°R52	27°18	25° 0	22°47	W 2
T 3	14 56 40	15°19'42	28°52	21°25	15° 5	9°14	29° 0	24°40	9°38	15°22	23° 0	25°51	27°15	25° 7	22°52	T 3
F 4	15 0 36	16°17'12	12♍13	22° 9	16°17	9°53	29°13	24°47	9°37	15°24	23° 1	25°48	27°12	25°14	22°56	F 4
S 5	15 4 33	17°14'40	25°19	22°57	17°29	10°33	29°27	24°54	9°37	15°25	23° 2	25°44	27° 9	25°20	23° 0	S 5
S 6	15 8 29	18°12'08	8♎11	23°48	18°41	11°12	29°41	25° 1	9°36	15°26	23° 3	25°38	27° 6	25°27	23° 5	S 6
M 7	15 12 26	19° 9'34	20°50	24°43	19°53	11°51	29°54	25° 7	9°36	15°28	23° 3	25°32	27° 3	25°34	23° 9	M 7
T 8	15 16 22	20° 6'59	3♏17	25°41	21° 5	12°30	0♊ 8	25°14	9°36	15°29	23° 4	25°26	26°59	25°40	23°14	T 8
W 9	15 20 19	21° 4'23	15°33	26°43	22°17	13° 9	0°22	25°21	9°35	15°30	23° 5	25°21	26°56	25°47	23°18	W 9
T 10	15 24 16	22° 1'46	27°39	27°48	23°29	13°49	0°36	25°28	9°35	15°31	23° 6	25°17	26°53	25°54	23°23	T 10
F 11	15 28 12	22°59'08	9♐37	28°56	24°41	14°28	0°49	25°35	9°35	15°32	23° 7	25°14	26°50	26° 0	23°28	F 11
S 12	15 32 9	23°56'29	21°28	0♑ 7	25°53	15° 7	1° 3	25°42	9°35	15°33	23° 8	25°D13	26°47	26° 7	23°32	S 12
S 13	15 36 5	24°53'49	3♑16	1°21	27° 5	15°46	1°17	25°49	9°35	15°34	23° 9	25°13	26°43	26°13	23°37	S 13
M14	15 40 2	25°51'09	15° 3	2°38	28°17	16°25	1°31	25°56	9°D35	15°36	23°10	25°14	26°40	26°20	23°42	M14
T 15	15 43 58	26°48'28	26°54	3°58	29°29	17° 4	1°45	26° 4	9°35	15°37	23°12	25°16	26°37	26°27	23°47	T 15
W16	15 47 55	27°45'46	8♒53	5°21	0♑42	17°43	1°58	26°11	9°35	15°38	23°13	25°17	26°34	26°33	23°51	W16
T 17	15 51 51	28°43'04	21° 4	6°47	1°54	18°22	2°12	26°18	9°35	15°39	23°14	25°18	26°31	26°40	23°56	T 17
F 18	15 55 48	29°40'21	3♓32	8°15	3° 6	19° 1	2°26	26°25	9°35	15°39	23°15	25°R19	26°28	26°47	24° 1	F 18
S 19	15 59 45	0♊37'38	16°22	9°47	4°18	19°40	2°40	26°33	9°35	15°40	23°16	25°18	26°24	26°53	24° 6	S 19
S 20	16 3 41	1°34'54	29°36	11°21	5°31	20°19	2°54	26°40	9°35	15°41	23°17	25°16	26°21	27° 0	24°11	S 20
M21	16 7 38	2°32'10	13♈18	12°58	6°43	20°58	3° 7	26°47	9°36	15°42	23°18	25°13	26°18	27° 7	24°16	M21
T 22	16 11 34	3°29'26	27°26	14°38	7°55	21°37	3°21	26°55	9°36	15°43	23°20	25°10	26°15	27°13	24°21	T 22
W23	16 15 31	4°26'41	11♉59	16°21	9° 8	22°15	3°35	27° 2	9°37	15°44	23°21	25° 8	26°12	27°20	24°26	W23
T 24	16 19 27	5°23'56	26°51	18° 6	10°20	22°54	3°49	27°10	9°37	15°44	23°22	25° 5	26° 8	27°27	24°31	T 24
F 25	16 23 24	6°21'10	11♊54	19°55	11°32	23°33	4° 3	27°17	9°38	15°45	23°23	25° 4	26° 5	27°33	24°36	F 25
S 26	16 27 20	7°18'24	27° 0	21°45	12°45	24°12	4°16	27°24	9°38	15°46	23°25	25°D 4	26° 2	27°40	24°41	S 26
S 27	16 31 17	8°15'38	12♋ 0	23°38	13°57	24°51	4°30	27°32	9°39	15°46	23°26	25° 4	25°59	27°47	24°46	S 27
M28	16 35 14	9°12'50	26°46	25°34	15°10	25°30	4°44	27°40	9°40	15°47	23°27	25° 5	25°56	27°53	24°51	M28
T 29	16 39 10	10°10'02	11♌12	27°32	16°22	26° 8	4°58	27°47	9°40	15°48	23°29	25° 6	25°53	28° 0	24°56	T 29
W30	16 43 7	11° 7'14	25°16	29°33	17°35	26°47	5°11	27°55	9°41	15°48	23°30	25° 7	25°49	28° 6	25° 1	W30
T 31	16 47 3	12♊ 4'24	8♍57	1♊35	18♉47	27♊26	5♊25	28♊ 2	9♍42	15♓49	23♋32	25°R 8	25♐46	28♐13	25♊ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n58	17n 4	3s 1	4n50	3s21	3n26	1s46	22n36	0n50	19n29	0s30	22n56	0s33	8n44	0n47	7s 3	1s20	27n58	6n25	23s32	23s35	23s44	17n27	5s58
W 2	16 16	12 37	3 56	5 1	3 24	3 54	1 46	22 43	0 50	19 32	0 30	22 57	0 33	8 44	0 47	7 3	1 20	27 58	6 25	23 32	23 35	23 43	17 27	5 58
T 3	16 33	7 37	4 37	5 14	3 26	4 22	1 46	22 49	0 51	19 35	0 30	22 57	0 33	8 44	0 47	7 2	1 20	27 57	6 25	23 32	23 35	23 42	17 27	5 58
F 4	16 49	2 22	5 2	5 29	3 27	4 50	1 45	22 56	0 51	19 38	0 30	22 57	0 33	8 45	0 47	7 2	1 20	27 57	6 25	23 32	23 35	23 42	17 28	5 58
S 5	17 6	2s52	5 11	5 46	3 28	5 18	1 45	23 2	0 51	19 41	0 30	22 58	0 33	8 45	0 47	7 1	1 20	27 57	6 25	23 32	23 35	23 41	17 28	5 58
S 6	17 22	7 54	5 3	6 6	3 27	5 46	1 45	23 8	0 52	19 44	0 30	22 58	0 33	8 45	0 47	7 1	1 20	27 57	6 25	23 32	23 34	23 41	17 28	5 57
M 7	17 38	12 31	4 41	6 27	3 26	6 13	1 44	23 14	0 52	19 47	0 29	22 59	0 32	8 45	0 47	7 0	1 21	27 56	6 25	23 32	23 34	23 40	17 29	5 57
T 8	17 54	16 33	4 6	6 50	3 24	6 41	1 44	23 19	0 52	19 51	0 29	22 59	0 32	8 45	0 47	7 0	1 21	27 56	6 25	23 32	23 34	23 39	17 29	5 57
W 9	18 9	19 48	3 20	7 14	3 22	7 9	1 43	23 24	0 53	19 54	0 29	22 59	0 32	8 45	0 47	6 59	1 21	27 56	6 25	23 31	23 34	23 39	17 29	5 57
T 10	18 24	22 8	2 25	7 41	3 18	7 36	1 42	23 30	0 53	19 57	0 29	23 0	0 32	8 45	0 47	6 59	1 21	27 56	6 25	23 31	23 34	23 38	17 30	5 57
F 11	18 39	23 26	1 24	8 9	3 14	8 3	1 42	23 35	0 53	19 59	0 29	23 0	0 32	8 45	0 47	6 59	1 21	27 55	6 25	23 31	23 34	23 37	17 30	5 57
S 12	18 53	23 40	0 21	8 38	3 10	8 30	1 41	23 39	0 54	20 2	0 29	23 0	0 32	8 45	0 47	6 58	1 21	27 55	6 24	23 31	23 34	23 36	17 30	5 57
S 13	19 7	22 50	0n44	9 9	3 4	8 57	1 40	23 44	0 54	20 5	0 29	23 1	0 32	8 45	0 47	6 58	1 21	27 55	6 24	23 31	23 34	23 36	17 31	5 57
M14	19 21	20 59	1 47	9 41	2 58	9 24	1 39	23 48	0 54	20 8	0 29	23 1	0 32	8 45	0 47	6 58	1 21	27 55	6 24	23 31	23 34	23 35	17 31	5 57
T 15	19 35	18 13	2 45	10 14	2 52	9 51	1 38	23 53	0 55	20 11	0 29	23 1	0 31	8 45	0 47	6 57	1 21	27 54	6 24	23 31	23 34	23 34	17 31	5 57
W16	19 48	14 40	3 37	10 48	2 45	10 17	1 37	23 57	0 55	20 14	0 29	23 2	0 31	8 45	0 47	6 57	1 21	27 54	6 24	23 31	23 34	23 34	17 32	5 57
T 17	20 1	10 27	4 21	11 24	2 37	10 43	1 36	24 1	0 55	20 17	0 28	23 2	0 31	8 45	0 47	6 57	1 21	27 54	6 24	23 31	23 34	23 33	17 32	5 56
F 18	20 13	5 44	4 53	12 0	2 29	11 9	1 34	24 4	0 56	20 20	0 28	23 2	0 31	8 45	0 47	6 56	1 21	27 53	6 24	23 31	23 33	23 32	17 32	5 56
S 19	20 25	0 38	5 11	12 37	2 21	11 35	1 33	24 8	0 56	20 23	0 28	23 3	0 31	8 45	0 47	6 56	1 21	27 53	6 24	23 31	23 33	23 32	17 32	5 56
S 20	20 37	4n38	5 14	13 15	2 12	12 1	1 32	24 11	0 56	20 25	0 28	23 3	0 31	8 45	0 46	6 56	1 21	27 53	6 24	23 31	23 33	23 31	17 33	5 56
M21	20 49	9 53	5 0	13 54	2 2	12 26	1 30	24 14	0 56	20 28	0 28	23 3	0 31	8 44	0 46	6 55	1 21	27 53	6 24	23 31	23 33	23 30	17 33	5 56
T 22	21 0	14 46	4 27	14 33	1 52	12 51	1 29	24 17	0 57	20 31	0 28	23 3	0 31	8 44	0 46	6 55	1 21	27 52	6 24	23 31	23 33	23 29	17 33	5 56
W23	21 11	18 58	3 36	15 13	1 42	13 15	1 27	24 20	0 57	20 34	0 28	23 4	0 31	8 44	0 46	6 55	1 21	27 52	6 24	23 31	23 33	23 29	17 33	5 56
T 24	21 21	22 1	2 30	15 52	1 32	13 40	1 26	24 22	0 57	20 36	0 28	23 4	0 30	8 44	0 46	6 55	1 21	27 52	6 24	23 31	23 33	23 28	17 34	5 56
F 25	21 31	23 34	1 12	16 32	1 21	14 4	1 24	24 24	0 58	20 39	0 28	23 4	0 30	8 44	0 46	6 54	1 21	27 51	6 24	23 31	23 33	23 27	17 34	5 56
S 26	21 41	23 24	0s11	17 12	1 10	14 28	1 23	24 26	0 58	20 42	0 28	23 5	0 30	8 43	0 46	6 54	1 21	27 51	6 24	23 31	23 33	23 26	17 34	5 56
S 27	21 50	21 32	1 32	17 52	0 59	14 51	1 21	24 28	0 58	20 44	0 28	23 5	0 30	8 43	0 46	6 54	1 22	27 51	6 23	23 31	23 33	23 26	17 34	5 56
M28	21 59	18 13	2 47	18 31	0 48	15 14	1 19	24 30	0 58	20 47	0 27	23 5	0 30	8 43	0 46	6 54	1 22	27 51	6 23	23 31	23 33	23 25	17 34	5 56
T 29	22 8	13 52	3 49	19 10	0 36	15 37	1 17	24 32	0 59	20 49	0 27	23 5	0 30	8 42	0 46	6 54	1 22	27 50	6 23	23 31	23 32	23 24	17 35	5 56
W30	22 16	8 52	4 35	19 47	0 25	15 59	1 15	24 33	0 59	20 52	0 27	23 6	0 30	8 42	0 46	6 53	1 22	27 50	6 23	23 31	23 32	23 23	17 35	5 56
T 31	22n24	3n34	5s 5	20n24	0s14	16n21	1s13	24n34	0n59	20n55	0s27	23n 6	0s30	8n42	0n46	6s53	1s22	27n50	6n23	23s31	23s32	23s22	17n35	5s56

Julian Day Number = 1979775.5, Delta T = 59m33s
Ecliptic obliquity = 23°36'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'55, Lahiri = 5°51'56 Julian Calendar 1 May 708 == Greg. Calendar 5 May 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

JUNE 708 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 51 0	13♊ 1'34	22♍16	3♊39	20♉ 0	28♊ 4	5♊39	28♊10	9♍43	15♓49	23♋33	25°R 7	25♐43	28♐20	25♊11	F 1
S 2	16 54 56	13°58'44	5♎14	5°45	21°12	28°43	5°53	28°18	9°44	15°50	23°34	25♐ 7	25°40	28°26	25°16	S 2
S 3	16 58 53	14°55'52	17°55	7°53	22°25	29°22	6° 6	28°25	9°45	15°50	23°36	25° 6	25°37	28°33	25°22	S 3
M 4	17 2 49	15°53'01	0♏20	10° 1	23°38	0♋ 0	6°20	28°33	9°46	15°50	23°37	25° 5	25°34	28°40	25°27	M 4
T 5	17 6 46	16°50'09	12°33	12°11	24°50	0°39	6°34	28°41	9°47	15°51	23°39	25° 3	25°30	28°46	25°32	T 5
W 6	17 10 43	17°47'17	24°36	14°21	26° 3	1°18	6°47	28°49	9°48	15°51	23°40	25° 2	25°27	28°53	25°37	W 6
T 7	17 14 39	18°44'25	6♐32	16°32	27°16	1°56	7° 1	28°56	9°50	15°51	23°42	25° 2	25°24	29° 0	25°42	T 7
F 8	17 18 36	19°41'32	18°23	18°43	28°28	2°35	7°15	29° 4	9°51	15°52	23°43	25° 1	25°21	29° 6	25°47	F 8
S 9	17 22 32	20°38'40	0♑11	20°53	29°41	3°13	7°28	29°12	9°52	15°52	23°45	25°D 1	25°18	29°13	25°53	S 9
S 10	17 26 29	21°35'48	11°58	23° 3	0♊54	3°52	7°42	29°20	9°54	15°52	23°46	25° 2	25°14	29°20	25°58	S 10
M11	17 30 25	22°32'55	23°48	25°13	2° 7	4°31	7°55	29°27	9°55	15°52	23°48	25° 2	25°11	29°26	26° 3	M11
T 12	17 34 22	23°30'03	5♒43	27°21	3°19	5° 9	8° 9	29°35	9°56	15°52	23°50	25° 2	25° 8	29°33	26° 8	T 12
W13	17 38 19	24°27'11	17°46	29°28	4°32	5°48	8°22	29°43	9°58	15°52	23°51	25° 2	25° 5	29°39	26°14	W13
T 14	17 42 15	25°24'20	29°59	1♋34	5°45	6°26	8°36	29°51	10° 0	15°53	23°53	25°R 2	25° 2	29°46	26°19	T 14
F 15	17 46 12	26°21'28	12♓29	3°39	6°58	7° 5	8°49	29°59	10° 1	15°R53	23°54	25° 2	24°59	29°53	26°24	F 15
S 16	17 50 8	27°18'38	25°16	5°42	8°11	7°43	9° 3	0♋ 6	10° 3	15°53	23°56	25°D 2	24°55	29°59	26°29	S 16
S 17	17 54 5	28°15'47	8♈26	7°44	9°24	8°22	9°16	0°14	10° 4	15°52	23°58	25° 2	24°52	0♑ 6	26°35	S 17
M18	17 58 1	29°12'58	22° 0	9°44	10°37	9° 0	9°29	0°22	10° 6	15°52	23°59	25° 2	24°49	0°13	26°40	M18
T 19	18 1 58	0♋10'08	6♉ 0	11°42	11°50	9°39	9°43	0°30	10° 8	15°52	24° 1	25° 3	24°46	0°19	26°45	T 19
W20	18 5 54	1° 7'20	20°25	13°39	13° 3	10°17	9°56	0°38	10°10	15°52	24° 2	25° 3	24°43	0°26	26°50	W20
T 21	18 9 51	2° 4'32	5♊12	15°33	14°16	10°55	10° 9	0°45	10°12	15°52	24° 4	25° 4	24°40	0°33	26°56	T 21
F 22	18 13 48	3° 1'45	20°15	17°26	15°29	11°34	10°23	0°53	10°14	15°52	24° 6	25°R 4	24°36	0°39	27° 1	F 22
S 23	18 17 44	3°58'58	5♋26	19°17	16°42	12°12	10°36	1° 1	10°16	15°52	24° 8	25° 4	24°33	0°46	27° 6	S 23
S 24	18 21 41	4°56'12	20°35	21° 6	17°56	12°51	10°49	1° 9	10°18	15°51	24° 9	25° 3	24°30	0°53	27°11	S 24
M25	18 25 37	5°53'26	5♌33	22°53	19° 9	13°29	11° 2	1°17	10°20	15°51	24°11	25° 2	24°27	0°59	27°16	M25
T 26	18 29 34	6°50'40	20°13	24°39	20°22	14° 7	11°15	1°25	10°22	15°51	24°13	25° 1	24°24	1° 6	27°22	T 26
W27	18 33 30	7°47'55	4♍29	26°22	21°35	14°46	11°28	1°32	10°24	15°50	24°14	25° 0	24°20	1°13	27°27	W27
T 28	18 37 27	8°45'09	18°19	28° 4	22°49	15°24	11°41	1°40	10°26	15°50	24°16	24°58	24°17	1°19	27°32	T 28
F 29	18 41 23	9°42'25	1♎41	29°44	24° 2	16° 3	11°54	1°48	10°29	15°50	24°18	24°58	24°14	1°26	27°37	F 29
S 30	18 45 20	10♋39'40	14♎39	1♌22	25♊15	16♋41	12♊ 7	1♋56	10♍31	15♓49	24♋20	24°D58	24♐11	1♑32	27♊42	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n31	1s45	5s17	20n59	0s 2	16n43	1s11	24n35	0n59	20n57	0s27	23n 6	0s30	8n41	0n46	6s53	1s22	27n49	6n23	23s31	23s32	23s22	17n35	5s56
S 2	22 38	6 52	5 12	21 33	0n 9	17 4	1 9	24 36	1 0	21 0	0 27	23 6	0 30	8 41	0 46	6 53	1 22	27 49	6 23	23 31	23 32	23 21	17 35	5 56
S 3	22 45	11 34	4 52	22 5	0 19	17 25	1 7	24 36	1 0	21 2	0 27	23 6	0 29	8 40	0 46	6 53	1 22	27 49	6 23	23 31	23 32	23 20	17 35	5 56
M 4	22 51	15 42	4 19	22 36	0 30	17 45	1 5	24 37	1 0	21 5	0 27	23 7	0 29	8 40	0 46	6 53	1 22	27 49	6 23	23 31	23 32	23 19	17 36	5 56
T 5	22 57	19 7	3 35	23 4	0 39	18 5	1 3	24 37	1 0	21 7	0 27	23 7	0 29	8 40	0 46	6 53	1 22	27 48	6 23	23 31	23 32	23 18	17 36	5 56
W 6	23 2	21 39	2 41	23 29	0 49	18 25	1 1	24 37	1 1	21 9	0 27	23 7	0 29	8 39	0 46	6 53	1 22	27 48	6 23	23 31	23 32	23 18	17 36	5 56
T 7	23 7	23 12	1 41	23 53	0 58	18 44	0 59	24 36	1 1	21 12	0 27	23 7	0 29	8 39	0 46	6 53	1 22	27 48	6 23	23 31	23 32	23 17	17 36	5 56
F 8	23 12	23 42	0 37	24 13	1 6	19 2	0 57	24 36	1 1	21 14	0 26	23 7	0 29	8 38	0 46	6 52	1 22	27 47	6 23	23 31	23 31	23 16	17 36	5 57
S 9	23 16	23 8	0n29	24 31	1 14	19 20	0 54	24 35	1 1	21 16	0 26	23 7	0 29	8 37	0 46	6 52	1 22	27 47	6 23	23 31	23 31	23 15	17 36	5 57
S 10	23 20	21 31	1 33	24 46	1 21	19 38	0 52	24 35	1 2	21 19	0 26	23 7	0 29	8 37	0 46	6 52	1 22	27 47	6 23	23 31	23 31	23 14	17 36	5 57
M11	23 24	18 59	2 33	24 58	1 27	19 55	0 50	24 33	1 2	21 21	0 26	23 8	0 29	8 36	0 46	6 52	1 22	27 46	6 23	23 31	23 31	23 13	17 36	5 57
T 12	23 27	15 37	3 28	25 8	1 33	20 11	0 47	24 32	1 2	21 23	0 26	23 8	0 29	8 36	0 45	6 52	1 22	27 46	6 23	23 31	23 31	23 12	17 36	5 57
W13	23 29	11 36	4 13	25 14	1 38	20 27	0 45	24 31	1 2	21 26	0 26	23 8	0 28	8 35	0 45	6 52	1 22	27 46	6 23	23 31	23 31	23 12	17 36	5 57
T 14	23 32	7 3	4 48	25 18	1 42	20 43	0 43	24 29	1 2	21 28	0 26	23 8	0 28	8 35	0 45	6 52	1 23	27 46	6 23	23 31	23 31	23 11	17 36	5 57
F 15	23 33	2 9	5 10	25 19	1 46	20 58	0 40	24 28	1 3	21 30	0 26	23 8	0 28	8 34	0 45	6 52	1 23	27 45	6 23	23 31	23 31	23 10	17 36	5 57
S 16	23 35	2n58	5 18	25 17	1 49	21 12	0 38	24 26	1 3	21 32	0 26	23 8	0 28	8 33	0 45	6 53	1 23	27 45	6 23	23 31	23 30	23 9	17 36	5 57
S 17	23 36	8 6	5 9	25 13	1 51	21 26	0 35	24 23	1 3	21 34	0 26	23 8	0 28	8 33	0 45	6 53	1 23	27 45	6 23	23 31	23 30	23 8	17 36	5 57
M18	23 36	13 0	4 43	25 6	1 52	21 39	0 33	24 21	1 3	21 36	0 26	23 8	0 28	8 32	0 45	6 53	1 23	27 44	6 23	23 31	23 30	23 7	17 36	5 58
T 19	23 36	17 23	4 0	24 57	1 53	21 52	0 31	24 18	1 3	21 38	0 26	23 8	0 28	8 31	0 45	6 53	1 23	27 44	6 23	23 31	23 30	23 6	17 36	5 58
W20	23 36	20 53	3 1	24 46	1 53	22 4	0 28	24 16	1 4	21 40	0 26	23 8	0 28	8 30	0 45	6 53	1 23	27 44	6 23	23 31	23 30	23 5	17 36	5 58
T 21	23 35	23 5	1 48	24 33	1 52	22 15	0 26	24 13	1 4	21 42	0 25	23 8	0 28	8 30	0 45	6 53	1 23	27 43	6 23	23 31	23 30	23 5	17 36	5 58
F 22	23 34	23 41	0 27	24 17	1 51	22 26	0 23	24 10	1 4	21 44	0 25	23 8	0 28	8 29	0 45	6 53	1 23	27 43	6 23	23 31	23 30	23 4	17 36	5 58
S 23	23 33	22 32	0s57	24 0	1 49	22 36	0 21	24 6	1 4	21 46	0 25	23 8	0 28	8 28	0 45	6 53	1 23	27 43	6 23	23 31	23 30	23 3	17 36	5 58
S 24	23 31	19 46	2 17	23 41	1 46	22 45	0 18	24 3	1 4	21 48	0 25	23 9	0 28	8 27	0 45	6 53	1 23	27 43	6 23	23 31	23 29	23 2	17 36	5 59
M25	23 28	15 41	3 26	23 21	1 43	22 54	0 16	23 59	1 5	21 50	0 25	23 9	0 27	8 26	0 45	6 54	1 23	27 42	6 23	23 31	23 29	23 1	17 36	5 59
T 26	23 26	10 43	4 21	22 59	1 40	23 2	0 13	23 55	1 5	21 52	0 25	23 9	0 27	8 26	0 45	6 54	1 23	27 42	6 23	23 31	23 29	23 0	17 36	5 59
W27	23 22	5 19	4 57	22 35	1 36	23 10	0 10	23 51	1 5	21 54	0 25	23 9	0 27	8 25	0 45	6 54	1 23	27 42	6 23	23 31	23 29	22 59	17 36	5 59
T 28	23 19	0s10	5 15	22 11	1 31	23 17	0 8	23 47	1 5	21 56	0 25	23 9	0 27	8 24	0 45	6 54	1 23	27 41	6 23	23 31	23 29	22 58	17 36	5 59
F 29	23 15	5 29	5 15	21 45	1 26	23 23	0 5	23 43	1 5	21 58	0 25	23 8	0 27	8 23	0 45	6 54	1 23	27 41	6 23	23 31	23 29	22 57	17 36	5 59
S 30	23n10	10s24	4s58	21n18	1n20	23n28	0s 3	23n38	1n 5	21n59	0s25	23n 8	0s27	8n22	0n45	6s55	1s23	27n41	6n23	23s31	23s29	22s56	17n36	6s 0

Julian Day Number = 1979806.5, Delta T = 59m32s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°44'59, Lahiri = 5°52'00 Julian Calendar 1 June 708 == Greg. Calendar 5 June 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

JULY 708 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 49 17	11♋36'56	27♎16	2♌58	26♊29	17♋19	12♊20	2♋ 3	10♍33	15°R49	24♋21	24♐58	24♐ 8	1♑39	27♊48	S 1
M 2	18 53 13	12°34'12	9♏34	4°33	27°42	17°57	12°32	2°11	10°36	15♓48	24°23	24°59	24° 5	1°46	27°53	M 2
T 3	18 57 10	13°31'29	21°39	6° 5	28°55	18°36	12°45	2°19	10°38	15°48	24°25	25° 1	24° 1	1°52	27°58	T 3
W 4	19 1 6	14°28'47	3♐35	7°36	0♋ 9	19°14	12°58	2°27	10°40	15°47	24°27	25° 2	23°58	1°59	28° 3	W 4
T 5	19 5 3	15°26'05	15°25	9° 5	1°22	19°52	13°11	2°34	10°43	15°46	24°28	25° 3	23°55	2° 6	28° 8	T 5
F 6	19 8 59	16°23'24	27°12	10°32	2°36	20°31	13°23	2°42	10°46	15°46	24°30	25°R 4	23°52	2°12	28°13	F 6
S 7	19 12 56	17°20'44	9♑ 0	11°57	3°49	21° 9	13°36	2°50	10°48	15°45	24°32	25° 3	23°49	2°19	28°18	S 7
S 8	19 16 52	18°18'04	20°51	13°20	5° 3	21°47	13°48	2°57	10°51	15°44	24°34	25° 1	23°46	2°26	28°23	S 8
M 9	19 20 49	19°15'26	2♒47	14°41	6°16	22°26	14° 0	3° 5	10°53	15°44	24°35	24°58	23°42	2°32	28°28	M 9
T 10	19 24 46	20°12'48	14°50	16° 0	7°30	23° 4	14°13	3°13	10°56	15°43	24°37	24°54	23°39	2°39	28°33	T 10
W11	19 28 42	21°10'12	27° 2	17°17	8°44	23°42	14°25	3°20	10°59	15°42	24°39	24°50	23°36	2°46	28°38	W11
T 12	19 32 39	22° 7'36	9♓25	18°32	9°57	24°20	14°37	3°28	11° 2	15°41	24°41	24°46	23°33	2°52	28°43	T 12
F 13	19 36 35	23° 5'02	22° 1	19°45	11°11	24°59	14°50	3°35	11° 4	15°41	24°43	24°42	23°30	2°59	28°48	F 13
S 14	19 40 32	24° 2'29	4♈52	20°56	12°25	25°37	15° 2	3°43	11° 7	15°40	24°44	24°40	23°26	3° 6	28°53	S 14
S 15	19 44 28	24°59'58	18° 0	22° 4	13°39	26°15	15°14	3°50	11°10	15°39	24°46	24°38	23°23	3°12	28°58	S 15
M16	19 48 25	25°57'28	1♉29	23°10	14°52	26°53	15°26	3°58	11°13	15°38	24°48	24°D38	23°20	3°19	29° 3	M16
T 17	19 52 21	26°54'59	15°18	24°14	16° 6	27°31	15°38	4° 5	11°16	15°37	24°50	24°39	23°17	3°25	29° 8	T 17
W18	19 56 18	27°52'32	29°30	25°14	17°20	28°10	15°49	4°13	11°19	15°36	24°52	24°40	23°14	3°32	29°13	W18
T 19	20 0 15	28°50'07	14♊ 2	26°12	18°34	28°48	16° 1	4°20	11°22	15°35	24°53	24°42	23°11	3°39	29°17	T 19
F 20	20 4 11	29°47'43	28°51	27° 8	19°48	29°26	16°13	4°27	11°25	15°34	24°55	24°R42	23° 7	3°45	29°22	F 20
S 21	20 8 8	0♌45'20	13♋51	28° 0	21° 2	0♌ 4	16°24	4°35	11°28	15°33	24°57	24°41	23° 4	3°52	29°27	S 21
S 22	20 12 4	1°42'59	28°55	28°49	22°16	0°43	16°36	4°42	11°31	15°32	24°59	24°38	23° 1	3°59	29°32	S 22
M23	20 16 1	2°40'39	13♌53	29°35	23°30	1°21	16°47	4°49	11°34	15°31	25° 0	24°33	22°58	4° 5	29°36	M23
T 24	20 19 57	3°38'20	28°37	0♍17	24°44	1°59	16°59	4°56	11°37	15°30	25° 2	24°27	22°55	4°12	29°41	T 24
W25	20 23 54	4°36'03	12♍59	0°56	25°58	2°37	17°10	5° 4	11°40	15°28	25° 4	24°21	22°52	4°19	29°46	W25
T 26	20 27 50	5°33'47	26°55	1°31	27°12	3°15	17°21	5°11	11°44	15°27	25° 6	24°16	22°48	4°25	29°50	T 26
F 27	20 31 47	6°31'31	10♎23	2° 1	28°26	3°54	17°32	5°18	11°47	15°26	25° 8	24°12	22°45	4°32	29°55	F 27
S 28	20 35 44	7°29'17	23°25	2°27	29°40	4°32	17°44	5°25	11°50	15°25	25° 9	24° 9	22°42	4°39	29°59	S 28
S 29	20 39 40	8°27'05	6♏ 2	2°49	0♌54	5°10	17°54	5°32	11°53	15°24	25°11	24°D 8	22°39	4°45	0♋ 4	S 29
M30	20 43 37	9°24'53	18°19	3° 6	2° 9	5°48	18° 5	5°39	11°57	15°22	25°13	24° 8	22°36	4°52	0° 8	M30
T 31	20 47 33	10♌22'43	0♐22	3♍17	3♌23	6♌26	18♊16	5♋46	12♍ 0	15♓21	25♋15	24♐ 9	22♐32	4♑59	0♋13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	14s44	4s28	20n50	1n14	23n33	0s 0	23n34	1n 6	22n 1	0s25	23n 8	0s27	8n21	0n45	6s55	1s23	27n40	6n23	23s31	23s28	22s55	17n35	6s 0
M 2	23 0	18 21	3 46	20 22	1 8	23 37	0n 2	23 29	1 6	22 3	0 25	23 8	0 27	8 20	0 45	6 55	1 23	27 40	6 23	23 31	23 28	22 54	17 35	6 0
T 3	22 55	21 6	2 54	19 52	1 1	23 41	0 5	23 24	1 6	22 5	0 25	23 8	0 27	8 19	0 45	6 55	1 24	27 40	6 23	23 31	23 28	22 53	17 35	6 0
W 4	22 49	22 55	1 56	19 22	0 54	23 43	0 7	23 18	1 6	22 6	0 25	23 8	0 27	8 18	0 45	6 56	1 24	27 40	6 23	23 31	23 28	22 52	17 35	6 1
T 5	22 42	23 41	0 53	18 51	0 46	23 45	0 9	23 13	1 6	22 8	0 25	23 8	0 27	8 17	0 45	6 56	1 24	27 39	6 23	23 31	23 28	22 51	17 35	6 1
F 6	22 36	23 23	0n12	18 20	0 38	23 47	0 12	23 7	1 6	22 10	0 24	23 8	0 27	8 16	0 45	6 56	1 24	27 39	6 23	23 31	23 28	22 50	17 35	6 1
S 7	22 28	22 2	1 16	17 49	0 30	23 47	0 14	23 1	1 7	22 11	0 24	23 8	0 26	8 15	0 45	6 56	1 24	27 39	6 23	23 31	23 28	22 49	17 34	6 1
S 8	22 21	19 43	2 17	17 17	0 22	23 47	0 17	22 56	1 7	22 13	0 24	23 8	0 26	8 14	0 45	6 57	1 24	27 38	6 23	23 31	23 27	22 48	17 34	6 2
M 9	22 13	16 32	3 13	16 45	0 13	23 46	0 19	22 49	1 7	22 14	0 24	23 8	0 26	8 13	0 45	6 57	1 24	27 38	6 23	23 31	23 27	22 47	17 34	6 2
T 10	22 4	12 40	4 0	16 12	0 4	23 45	0 22	22 43	1 7	22 16	0 24	23 8	0 26	8 12	0 44	6 57	1 24	27 38	6 24	23 30	23 27	22 46	17 34	6 2
W11	21 56	8 14	4 38	15 40	0s 6	23 43	0 24	22 37	1 7	22 17	0 24	23 8	0 26	8 11	0 44	6 58	1 24	27 38	6 24	23 30	23 27	22 45	17 34	6 2
T 12	21 46	3 26	5 2	15 8	0 16	23 40	0 26	22 30	1 7	22 19	0 24	23 8	0 26	8 10	0 44	6 58	1 24	27 37	6 24	23 30	23 27	22 44	17 33	6 3
F 13	21 37	1n36	5 13	14 35	0 26	23 36	0 28	22 23	1 7	22 20	0 24	23 7	0 26	8 9	0 44	6 58	1 24	27 37	6 24	23 30	23 27	22 43	17 33	6 3
S 14	21 27	6 39	5 9	14 3	0 36	23 32	0 31	22 16	1 7	22 22	0 24	23 7	0 26	8 8	0 44	6 59	1 24	27 37	6 24	23 30	23 27	22 42	17 33	6 3
S 15	21 17	11 32	4 48	13 31	0 46	23 27	0 33	22 9	1 8	22 23	0 24	23 7	0 26	8 7	0 44	6 59	1 24	27 37	6 24	23 30	23 26	22 41	17 33	6 4
M16	21 6	15 59	4 11	13 0	0 57	23 21	0 35	22 2	1 8	22 24	0 24	23 7	0 26	8 5	0 44	7 0	1 24	27 36	6 24	23 30	23 26	22 40	17 32	6 4
T 17	20 55	19 42	3 19	12 29	1 7	23 15	0 37	21 55	1 8	22 26	0 24	23 7	0 26	8 4	0 44	7 0	1 24	27 36	6 24	23 30	23 26	22 39	17 32	6 4
W18	20 44	22 21	2 14	11 58	1 18	23 8	0 40	21 47	1 8	22 27	0 24	23 7	0 26	8 3	0 44	7 0	1 24	27 36	6 24	23 30	23 26	22 38	17 32	6 5
T 19	20 32	23 36	0 58	11 28	1 29	23 0	0 42	21 39	1 8	22 28	0 24	23 6	0 26	8 2	0 44	7 1	1 24	27 35	6 24	23 30	23 26	22 37	17 31	6 5
F 20	20 20	23 13	0s23	10 59	1 40	22 51	0 44	21 31	1 8	22 30	0 24	23 6	0 26	8 1	0 44	7 1	1 24	27 35	6 24	23 30	23 26	22 36	17 31	6 5
S 21	20 8	21 11	1 43	10 31	1 51	22 42	0 46	21 23	1 8	22 31	0 24	23 6	0 25	8 0	0 44	7 2	1 24	27 35	6 24	23 30	23 25	22 35	17 31	6 6
S 22	19 55	17 39	2 56	10 3	2 3	22 32	0 48	21 15	1 8	22 32	0 23	23 6	0 25	7 58	0 44	7 2	1 24	27 35	6 24	23 30	23 25	22 34	17 30	6 6
M23	19 42	13 0	3 56	9 37	2 14	22 22	0 50	21 7	1 8	22 33	0 23	23 6	0 25	7 57	0 44	7 3	1 24	27 34	6 24	23 30	23 25	22 33	17 30	6 6
T 24	19 28	7 40	4 40	9 11	2 25	22 10	0 52	20 58	1 9	22 35	0 23	23 6	0 25	7 56	0 44	7 3	1 24	27 34	6 25	23 29	23 25	22 32	17 30	6 7
W25	19 15	2 3	5 4	8 47	2 36	21 59	0 53	20 49	1 9	22 36	0 23	23 5	0 25	7 55	0 44	7 4	1 25	27 34	6 25	23 29	23 25	22 31	17 29	6 7
T 26	19 1	3s30	5 10	8 25	2 47	21 46	0 55	20 41	1 9	22 37	0 23	23 5	0 25	7 53	0 44	7 4	1 25	27 34	6 25	23 29	23 25	22 30	17 29	6 7
F 27	18 46	8 42	4 58	8 3	2 58	21 33	0 57	20 32	1 9	22 38	0 23	23 5	0 25	7 52	0 44	7 5	1 25	27 34	6 25	23 29	23 24	22 28	17 29	6 8
S 28	18 32	13 21	4 31	7 44	3 9	21 19	0 59	20 23	1 9	22 39	0 23	23 5	0 25	7 51	0 44	7 5	1 25	27 33	6 25	23 29	23 24	22 27	17 28	6 8
S 29	18 17	17 15	3 51	7 27	3 19	21 5	1 0	20 13	1 9	22 40	0 23	23 4	0 25	7 50	0 44	7 6	1 25	27 33	6 25	23 28	23 24	22 26	17 28	6 9
M30	18 1	20 19	3 2	7 11	3 29	20 50	1 2	20 4	1 9	22 41	0 23	23 4	0 25	7 48	0 44	7 6	1 25	27 33	6 25	23 28	23 24	22 25	17 27	6 9
T 31	17n46	22s25	2s 5	6n58	3s39	20n34	1n 4	19n54	1n 9	22n42	0s23	23n 4	0s25	7n47	0n44	7s 7	1s25	27n33	6n25	23s29	23s24	22s24	17n27	6s 9

Julian Day Number = 1979836.5, Delta T = 59m31s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'04, Lahiri = 5°52'04 Julian Calendar 1 July 708 == Greg. Calendar 5 July 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

AUGUST 708 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 51 30	11♌20'34	12♐14	3♍24	4♌37	7♌ 5	18♊27	5♋53	12♍ 3	15°R20	25♋16	24♐11	22♐29	5♑ 5	0♋17	W 1
T 2	20 55 26	12°18'27	24° 2	3°R24	5°51	7°43	18°37	6° 0	12° 7	15♓19	25°18	24°R11	22°26	5°12	0°21	T 2
F 3	20 59 23	13°16'21	5♑50	3°19	7° 6	8°21	18°48	6° 6	12°10	15°17	25°20	24°10	22°23	5°18	0°26	F 3
S 4	21 3 19	14°14'16	17°40	3° 8	8°20	8°59	18°58	6°13	12°14	15°16	25°21	24° 8	22°20	5°25	0°30	S 4
S 5	21 7 16	15°12'13	29°37	2°51	9°34	9°37	19° 9	6°20	12°17	15°14	25°23	24° 3	22°17	5°32	0°34	S 5
M 6	21 11 13	16°10'11	11♒43	2°28	10°49	10°16	19°19	6°27	12°21	15°13	25°25	23°55	22°13	5°38	0°38	M 6
T 7	21 15 9	17° 8'11	23°59	1°59	12° 3	10°54	19°29	6°33	12°24	15°12	25°27	23°47	22°10	5°45	0°42	T 7
W 8	21 19 6	18° 6'13	6♓25	1°24	13°17	11°32	19°39	6°40	12°28	15°10	25°28	23°37	22° 7	5°52	0°46	W 8
T 9	21 23 2	19° 4'17	19° 4	0°43	14°32	12°10	19°49	6°46	12°31	15° 9	25°30	23°27	22° 4	5°58	0°50	T 9
F 10	21 26 59	20° 2'22	1♈54	29♌58	15°46	12°48	19°59	6°53	12°35	15° 7	25°32	23°18	22° 1	6° 5	0°54	F 10
S 11	21 30 55	21° 0'29	14°57	29° 7	17° 1	13°27	20° 8	6°59	12°38	15° 6	25°33	23°11	21°58	6°12	0°58	S 11
S 12	21 34 52	21°58'39	28°13	28°13	18°15	14° 5	20°18	7° 5	12°42	15° 4	25°35	23° 6	21°54	6°18	1° 2	S 12
M13	21 38 48	22°56'50	11♉42	27°17	19°30	14°43	20°27	7°12	12°45	15° 3	25°36	23° 4	21°51	6°25	1° 6	M13
T 14	21 42 45	23°55'04	25°27	26°18	20°44	15°21	20°37	7°18	12°49	15° 1	25°38	23°D 3	21°48	6°32	1°10	T 14
W15	21 46 42	24°53'19	9♊27	25°19	21°59	15°59	20°46	7°24	12°53	15° 0	25°40	23° 4	21°45	6°38	1°14	W15
T 16	21 50 38	25°51'37	23°42	24°20	23°13	16°38	20°55	7°30	12°56	14°58	25°41	23°R 4	21°42	6°45	1°17	T 16
F 17	21 54 35	26°49'58	8♋11	23°24	24°28	17°16	21° 4	7°36	13° 0	14°57	25°43	23° 3	21°38	6°52	1°21	F 17
S 18	21 58 31	27°48'20	22°51	22°31	25°43	17°54	21°13	7°42	13° 4	14°55	25°44	23° 0	21°35	6°58	1°25	S 18
S 19	22 2 28	28°46'44	7♌36	21°42	26°57	18°32	21°22	7°48	13° 7	14°54	25°46	22°55	21°32	7° 5	1°28	S 19
M20	22 6 24	29°45'10	22°19	21° 0	28°12	19°11	21°30	7°54	13°11	14°52	25°48	22°46	21°29	7°12	1°32	M20
T 21	22 10 21	0♍43'39	6♍53	20°24	29°27	19°49	21°39	8° 0	13°15	14°50	25°49	22°36	21°26	7°18	1°35	T 21
W22	22 14 17	1°42'09	21° 9	19°57	0♍41	20°27	21°47	8° 5	13°19	14°49	25°51	22°25	21°23	7°25	1°38	W22
T 23	22 18 14	2°40'40	5♎ 3	19°37	1°56	21° 5	21°55	8°11	13°22	14°47	25°52	22°15	21°19	7°31	1°42	T 23
F 24	22 22 11	3°39'14	18°32	19°27	3°11	21°44	22° 4	8°17	13°26	14°46	25°54	22° 6	21°16	7°38	1°45	F 24
S 25	22 26 7	4°37'50	1♏35	19°D27	4°26	22°22	22°12	8°22	13°30	14°44	25°55	22° 0	21°13	7°45	1°48	S 25
S 26	22 30 4	5°36'27	14°14	19°36	5°40	23° 0	22°19	8°27	13°33	14°42	25°57	21°55	21°10	7°51	1°51	S 26
M27	22 34 0	6°35'06	26°32	19°54	6°55	23°38	22°27	8°33	13°37	14°41	25°58	21°53	21° 7	7°58	1°54	M27
T 28	22 37 57	7°33'47	8♐35	20°22	8°10	24°17	22°35	8°38	13°41	14°39	25°59	21°D53	21° 4	8° 5	1°57	T 28
W29	22 41 53	8°32'29	20°28	20°59	9°25	24°55	22°42	8°43	13°45	14°37	26° 1	21°R53	21° 0	8°11	2° 0	W29
T 30	22 45 50	9°31'14	2♑16	21°45	10°40	25°33	22°49	8°48	13°49	14°36	26° 2	21°53	20°57	8°18	2° 3	T 30
F 31	22 49 46	10♍30'00	14♑ 5	22♌38	11♍54	26♌12	22♊57	8♋53	13♍52	14♓34	26♋ 4	21♐51	20♐54	8♑25	2♋ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17n30	23s29	1s 4	6n48	3s48	20n18	1n 5	19n45	1n 9	22n43	0s23	23n 4	0s25	7n46	0n44	7s 7	1s25	27n32	6n25	23s29	23s23	22s23	17n27	6s10	
T 2	17 14	23 29	0 1	6 39	3 56	20 1	1 7	19 35	1 9	22 44	0 23	23 4	0 25	7 44	0 44	7 8	1 25	27 32	6 26	23 29	23 23	22 22	17 26	6 10	
F 3	16 57	22 26	1n 3	6 34	4 4	19 44	1 8	19 25	1 9	22 45	0 23	23 3	0 25	7 43	0 44	7 8	1 25	27 32	6 26	23 29	23 23	22 21	17 26	6 11	
S 4	16 40	20 24	2 3	6 32	4 11	19 26	1 10	19 15	1 9	22 46	0 23	23 3	0 25	7 42	0 44	7 9	1 25	27 32	6 26	23 28	23 23	22 20	17 25	6 11	
S 5	16 23	17 27	2 59	6 32	4 17	19 7	1 11	19 5	1 10	22 47	0 23	23 3	0 24	7 40	0 44	7 10	1 25	27 32	6 26	23 28	23 23	22 18	17 25	6 11	
M 6	16 6	13 45	3 47	6 36	4 21	18 48	1 12	18 55	1 10	22 48	0 23	23 3	0 24	7 39	0 44	7 10	1 25	27 31	6 26	23 28	23 23	22 17	17 24	6 12	
T 7	15 48	9 27	4 26	6 43	4 25	18 28	1 13	18 44	1 10	22 49	0 23	23 2	0 24	7 38	0 44	7 11	1 25	27 31	6 26	23 27	23 22	22 16	17 24	6 12	
W 8	15 31	4 42	4 52	6 54	4 27	18 8	1 14	18 33	1 10	22 49	0 23	23 2	0 24	7 36	0 44	7 11	1 25	27 31	6 26	23 27	23 22	22 15	17 23	6 13	
T 9	15 13	0n18	5 4	7 8	4 27	17 47	1 16	18 23	1 10	22 50	0 22	23 2	0 24	7 35	0 44	7 12	1 25	27 31	6 26	23 27	23 22	22 14	17 23	6 13	
F 10	14 54	5 22	5 2	7 25	4 26	17 26	1 17	18 12	1 10	22 51	0 22	23 1	0 24	7 34	0 44	7 12	1 25	27 31	6 27	23 26	23 22	22 13	17 22	6 14	
S 11	14 36	10 17	4 44	7 46	4 22	17 5	1 18	18 1	1 10	22 52	0 22	23 1	0 24	7 32	0 44	7 13	1 25	27 30	6 27	23 26	23 22	22 12	17 22	6 14	
S 12	14 17	14 48	4 10	8 9	4 17	16 42	1 18	17 50	1 10	22 53	0 22	23 1	0 24	7 31	0 44	7 14	1 25	27 30	6 27	23 25	23 21	22 10	17 21	6 15	
M13	13 58	18 39	3 22	8 35	4 10	16 20	1 19	17 39	1 10	22 53	0 22	23 1	0 24	7 29	0 44	7 14	1 25	27 30	6 27	23 25	23 21	22 9	17 21	6 15	
T 14	13 38	21 33	2 22	9 3	4 1	15 57	1 20	17 27	1 10	22 54	0 22	23 0	0 24	7 28	0 44	7 15	1 25	27 30	6 27	23 25	23 21	22 8	17 20	6 16	
W15	13 19	23 13	1 12	9 33	3 50	15 33	1 21	17 16	1 10	22 55	0 22	23 0	0 24	7 27	0 44	7 15	1 25	27 30	6 27	23 25	23 21	22 7	17 20	6 16	
T 16	12 59	23 24	0s 3	10 5	3 38	15 9	1 21	17 4	1 10	22 55	0 22	23 0	0 24	7 25	0 44	7 16	1 25	27 30	6 28	23 25	23 21	22 6	17 19	6 17	
F 17	12 39	22 1	1 20	10 37	3 23	14 45	1 22	16 53	1 10	22 56	0 22	23 0	0 24	7 24	0 44	7 17	1 25	27 29	6 28	23 25	23 20	22 4	17 19	6 17	
S 18	12 19	19 10	2 32	11 9	3 7	14 20	1 23	16 41	1 10	22 57	0 22	22 59	0 24	7 22	0 44	7 17	1 25	27 29	6 28	23 25	23 20	22 3	17 18	6 18	
S 19	11 59	15 3	3 34	11 41	2 50	13 55	1 23	16 29	1 10	22 57	0 22	22 59	0 24	7 21	0 44	7 18	1 25	27 29	6 28	23 25	23 20	22 2	17 18	6 18	
M20	11 38	10 3	4 21	12 12	2 32	13 29	1 24	16 17	1 10	22 58	0 22	22 59	0 24	7 19	0 44	7 19	1 25	27 29	6 28	23 24	23 20	22 1	17 17	6 19	
T 21	11 17	4 32	4 51	12 41	2 13	13 3	1 24	16 5	1 10	22 59	0 22	22 58	0 23	7 18	0 44	7 19	1 25	27 29	6 28	23 24	23 20	22 0	17 17	6 19	
W22	10 57	1s 6	5 3	13 8	1 54	12 37	1 24	15 53	1 10	22 59	0 22	22 58	0 23	7 16	0 44	7 20	1 25	27 29	6 29	23 23	23 19	21 58	17 16	6 20	
T 23	10 35	6 32	4 55	13 32	1 34	12 10	1 24	15 40	1 10	23 0	0 22	22 58	0 23	7 15	0 44	7 21	1 25	27 29	6 29	23 23	23 19	21 57	17 15	6 20	
F 24	10 14	11 29	4 31	13 54	1 15	11 43	1 25	15 28	1 10	23 0	0 22	22 57	0 23	7 14	0 44	7 21	1 25	27 29	6 29	23 22	23 19	21 56	17 15	6 21	
S 25	9 53	15 45	3 54	14 12	0 56	11 16	1 25	15 16	1 10	23 1	0 22	22 57	0 23	7 12	0 44	7 22	1 25	27 28	6 29	23 22	23 19	21 55	17 14	6 21	
S 26	9 31	19 11	3 6	14 27	0 38	10 48	1 25	15 3	1 10	23 1	0 22	22 57	0 23	7 11	0 44	7 23	1 25	27 28	6 29	23 21	23 19	21 54	17 14	6 22	
M27	9 9	21 38	2 10	14 38	0 20	10 20	1 25	14 50	1 10	23 2	0 22	22 57	0 23	7 9	0 44	7 23	1 25	27 28	6 29	23 21	23 18	21 52	17 13	6 23	
T 28	8 47	23 3	1 10	14 45	0 3	9 52	1 25	14 37	1 10	23 2	0 22	22 56	0 23	7 8	0 44	7 24	1 25	27 28	6 30	23 21	23 18	21 51	17 12	6 23	
W29	8 25	23 23	0 8	14 48	0n13	9 24	1 24	14 25	1 10	23 3	0 21	22 56	0 23	7 6	0 44	7 24	1 25	27 28	6 30	23 21	23 18	21 50	17 12	6 24	
T 30	8 3	22 40	0n55	14 47	0 28	8 55	1 24	14 12	1 10	23 3	0 21	22 56	0 23	7 5	0 44	7 25	1 25	27 28	6 30	23 21	23 18	21 49	17 11	6 24	
F 31	7n41	20s57	1n55	14n43	0n41	8n26	1n24	13n58	1n10	23n 4	0s21	22n56	0s23	7n 3	0n44	7s26	1s26	27n28	6n30	23s21	23s17	21s47	17n11	6s25	

Julian Day Number = 1979867.5, Delta T = 59m31s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'08, Lahiri = 5°52'08 Julian Calendar 1 Aug. 708 == Greg. Calendar 5 Aug. 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

SEPTEMBER 708 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 53 43	11♍28'48	25♉59	23♌40	13♍ 9	26♌50	23♊ 4	8♋58	13♍56	14°R32	26♋ 5	21°R47	20♐51	8♉31	2♋ 9	S 1
S 2	22 57 40	12°27'38	8♒ 2	24°48	14°24	27°28	23°10	9° 3	14° 0	14♓31	26° 6	21♐40	20°48	8°38	2°11	S 2
M 3	23 1 36	13°26'29	20°18	26° 2	15°39	28° 6	23°17	9° 8	14° 4	14°29	26° 8	21°30	20°44	8°45	2°14	M 3
T 4	23 5 33	14°25'23	2♓48	27°23	16°54	28°45	23°24	9°13	14° 7	14°27	26° 9	21°18	20°41	8°51	2°17	T 4
W 5	23 9 29	15°24'19	15°32	28°48	18° 9	29°23	23°30	9°17	14°11	14°26	26°10	21° 5	20°38	8°58	2°19	W 5
T 6	23 13 26	16°23'16	28°30	0♍17	19°24	0♍ 1	23°36	9°22	14°15	14°24	26°11	20°52	20°35	9° 5	2°22	T 6
F 7	23 17 22	17°22'16	11♈42	1°50	20°39	0°40	23°42	9°26	14°19	14°22	26°13	20°40	20°32	9°11	2°24	F 7
S 8	23 21 19	18°21'18	25° 5	3°26	21°53	1°18	23°48	9°31	14°23	14°21	26°14	20°30	20°29	9°18	2°26	S 8
S 9	23 25 15	19°20'23	8♉39	5° 5	23° 8	1°56	23°54	9°35	14°26	14°19	26°15	20°23	20°25	9°25	2°29	S 9
M10	23 29 12	20°19'29	22°21	6°46	24°23	2°35	24° 0	9°39	14°30	14°17	26°16	20°19	20°22	9°31	2°31	M10
T 11	23 33 8	21°18'39	6♊11	8°28	25°38	3°13	24° 5	9°43	14°34	14°16	26°17	20°17	20°19	9°38	2°33	T 11
W12	23 37 5	22°17'50	20° 9	10°12	26°53	3°51	24°10	9°48	14°38	14°14	26°18	20°17	20°16	9°45	2°35	W12
T 13	23 41 2	23°17'04	4♋14	11°57	28° 8	4°30	24°16	9°51	14°41	14°12	26°20	20°17	20°13	9°51	2°37	T 13
F 14	23 44 58	24°16'21	18°26	13°42	29°23	5° 8	24°21	9°55	14°45	14°11	26°21	20°15	20° 9	9°58	2°39	F 14
S 15	23 48 55	25°15'40	2♌44	15°28	0♎38	5°46	24°25	9°59	14°49	14° 9	26°22	20°12	20° 6	10° 4	2°40	S 15
S 16	23 52 51	26°15'01	17° 4	17°14	1°53	6°25	24°30	10° 3	14°53	14° 8	26°23	20° 5	20° 3	10°11	2°42	S 16
M17	23 56 48	27°14'24	1♍22	19° 0	3° 8	7° 3	24°34	10° 6	14°56	14° 6	26°24	19°56	20° 0	10°18	2°44	M17
T 18	0 0 44	28°13'50	15°33	20°46	4°23	7°42	24°39	10°10	15° 0	14° 4	26°25	19°44	19°57	10°24	2°45	T 18
W19	0 4 41	29°13'18	29°31	22°31	5°38	8°20	24°43	10°13	15° 4	14° 3	26°26	19°32	19°54	10°31	2°47	W19
T 20	0 8 37	0♎12'47	13♎12	24°17	6°53	8°59	24°47	10°16	15° 7	14° 1	26°27	19°20	19°50	10°38	2°48	T 20
F 21	0 12 34	1°12'19	26°32	26° 2	8° 8	9°37	24°50	10°20	15°11	14° 0	26°28	19° 9	19°47	10°44	2°50	F 21
S 22	0 16 31	2°11'53	9♏30	27°46	9°24	10°15	24°54	10°23	15°15	13°58	26°29	19° 1	19°44	10°51	2°51	S 22
S 23	0 20 27	3°11'29	22° 7	29°30	10°39	10°54	24°57	10°26	15°18	13°56	26°29	18°56	19°41	10°58	2°52	S 23
M24	0 24 24	4°11'07	4♐25	1♎13	11°54	11°32	25° 0	10°29	15°22	13°55	26°30	18°53	19°38	11° 4	2°53	M24
T 25	0 28 20	5°10'47	16°28	2°56	13° 9	12°11	25° 3	10°31	15°26	13°53	26°31	18°D52	19°35	11°11	2°54	T 25
W26	0 32 17	6°10'28	28°21	4°38	14°24	12°49	25° 6	10°34	15°29	13°52	26°32	18°52	19°31	11°18	2°55	W26
T 27	0 36 13	7°10'11	10♑10	6°20	15°39	13°28	25° 9	10°37	15°33	13°50	26°33	18°R52	19°28	11°24	2°56	T 27
F 28	0 40 10	8° 9'56	22° 0	8° 1	16°54	14° 6	25°11	10°39	15°36	13°49	26°33	18°51	19°25	11°31	2°57	F 28
S 29	0 44 6	9° 9'43	3♒55	9°41	18° 9	14°45	25°13	10°41	15°40	13°47	26°34	18°48	19°22	11°38	2°58	S 29
S 30	0 48 3	10♎ 9'32	16♒ 2	11♎21	19♎24	15♍23	25♊15	10♋44	15♍44	13♓46	26♋35	18♐43	19♐19	11♉44	2♋59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n18	18s19	2n50	14n34	0n54	7n57	1n23	13n45	1n10	23n 4	0s21	22n55	0s23	7n 2	0n44	7s26	1s26	27n28	6n30	23s21	23s17	21s46	17n10	6s25
S 2	6 56	14 52	3 39	14 22	1 5	7 27	1 23	13 32	1 10	23 4	0 21	22 55	0 23	7 0	0 44	7 27	1 26	27 28	6 31	23 20	23 17	21 45	17 9	6 26
M 3	6 33	10 45	4 18	14 6	1 15	6 58	1 23	13 19	1 10	23 5	0 21	22 55	0 23	6 59	0 44	7 28	1 26	27 28	6 31	23 20	23 17	21 43	17 9	6 27
T 4	6 10	6 7	4 45	13 46	1 24	6 28	1 22	13 5	1 10	23 5	0 21	22 54	0 23	6 57	0 44	7 28	1 26	27 28	6 31	23 19	23 17	21 42	17 8	6 27
W 5	5 47	1 9	4 59	13 24	1 31	5 58	1 21	12 52	1 10	23 6	0 21	22 54	0 23	6 56	0 44	7 29	1 26	27 28	6 31	23 18	23 16	21 41	17 7	6 28
T 6	5 24	3n57	4 58	12 58	1 37	5 28	1 21	12 38	1 10	23 6	0 21	22 54	0 23	6 55	0 44	7 30	1 26	27 28	6 31	23 17	23 16	21 40	17 7	6 28
F 7	5 1	8 57	4 41	12 30	1 43	4 57	1 20	12 24	1 10	23 6	0 21	22 54	0 22	6 53	0 44	7 30	1 26	27 27	6 32	23 16	23 16	21 38	17 6	6 29
S 8	4 38	13 37	4 8	11 59	1 47	4 27	1 19	12 11	1 10	23 7	0 21	22 53	0 22	6 52	0 44	7 31	1 26	27 27	6 32	23 16	23 16	21 37	17 6	6 30
S 9	4 15	17 39	3 21	11 25	1 50	3 56	1 18	11 57	1 10	23 7	0 21	22 53	0 22	6 50	0 44	7 32	1 26	27 27	6 32	23 15	23 15	21 36	17 5	6 30
M10	3 52	20 46	2 22	10 50	1 52	3 26	1 17	11 43	1 10	23 7	0 21	22 53	0 22	6 49	0 44	7 32	1 26	27 27	6 32	23 15	23 15	21 34	17 4	6 31
T 11	3 28	22 42	1 14	10 12	1 54	2 55	1 16	11 29	1 10	23 8	0 21	22 53	0 22	6 47	0 44	7 33	1 26	27 27	6 32	23 15	23 15	21 33	17 4	6 31
W12	3 5	23 15	0 1	9 34	1 54	2 24	1 15	11 15	1 10	23 8	0 21	22 52	0 22	6 46	0 44	7 34	1 26	27 27	6 33	23 15	23 15	21 32	17 3	6 32
T 13	2 41	22 19	1s13	8 53	1 54	1 53	1 14	11 1	1 10	23 8	0 21	22 52	0 22	6 44	0 44	7 34	1 26	27 27	6 33	23 15	23 15	21 30	17 2	6 33
F 14	2 17	19 58	2 23	8 12	1 53	1 22	1 13	10 47	1 10	23 8	0 21	22 52	0 22	6 43	0 44	7 35	1 26	27 27	6 33	23 15	23 14	21 29	17 2	6 33
S 15	1 54	16 22	3 24	7 29	1 52	0 51	1 12	10 32	1 10	23 9	0 21	22 52	0 22	6 41	0 44	7 36	1 26	27 27	6 33	23 14	23 14	21 28	17 1	6 34
S 16	1 30	11 49	4 13	6 46	1 50	0 19	1 11	10 18	1 10	23 9	0 20	22 51	0 22	6 40	0 44	7 36	1 26	27 27	6 34	23 14	23 14	21 27	17 0	6 34
M17	1 6	6 37	4 45	6 1	1 47	0s12	1 9	10 4	1 10	23 9	0 20	22 51	0 22	6 39	0 44	7 37	1 26	27 27	6 34	23 13	23 14	21 25	17 0	6 35
T 18	0 42	1 8	5 0	5 17	1 44	0 43	1 8	9 49	1 10	23 9	0 20	22 51	0 22	6 37	0 44	7 37	1 26	27 27	6 34	23 12	23 13	21 24	16 59	6 36
W19	0 19	4s20	4 56	4 31	1 40	1 14	1 6	9 35	1 10	23 10	0 20	22 51	0 22	6 36	0 44	7 38	1 26	27 27	6 34	23 11	23 13	21 22	16 58	6 36
T 20	0s 5	9 28	4 35	3 46	1 36	1 46	1 5	9 20	1 10	23 10	0 20	22 51	0 22	6 34	0 44	7 39	1 26	27 28	6 35	23 10	23 13	21 21	16 58	6 37
F 21	0 29	14 1	4 0	3 0	1 32	2 17	1 3	9 5	1 9	23 10	0 20	22 50	0 22	6 33	0 44	7 39	1 26	27 28	6 35	23 10	23 13	21 20	16 57	6 38
S 22	0 53	17 48	3 13	2 14	1 27	2 48	1 2	8 51	1 9	23 10	0 20	22 50	0 22	6 31	0 44	7 40	1 26	27 28	6 35	23 9	23 12	21 18	16 56	6 38
S 23	1 17	20 38	2 17	1 28	1 22	3 19	1 0	8 36	1 9	23 10	0 20	22 50	0 22	6 30	0 44	7 40	1 26	27 28	6 35	23 8	23 12	21 17	16 56	6 39
M24	1 40	22 25	1 16	0 41	1 17	3 50	0 59	8 21	1 9	23 11	0 20	22 50	0 21	6 29	0 44	7 41	1 26	27 28	6 35	23 8	23 12	21 16	16 55	6 40
T 25	2 4	23 7	0 13	0s 5	1 12	4 21	0 57	8 6	1 9	23 11	0 20	22 50	0 21	6 27	0 44	7 42	1 26	27 28	6 36	23 8	23 12	21 14	16 54	6 40
W26	2 28	22 45	0n50	0 51	1 6	4 52	0 55	7 51	1 9	23 11	0 20	22 50	0 21	6 26	0 44	7 42	1 26	27 28	6 36	23 8	23 11	21 13	16 54	6 41
T 27	2 52	21 22	1 51	1 37	1 0	5 23	0 53	7 36	1 9	23 11	0 20	22 49	0 21	6 24	0 44	7 43	1 25	27 28	6 36	23 8	23 11	21 12	16 53	6 42
F 28	3 16	19 3	2 47	2 22	0 54	5 54	0 51	7 21	1 9	23 11	0 20	22 49	0 21	6 23	0 44	7 43	1 25	27 28	6 36	23 8	23 11	21 10	16 52	6 42
S 29	3 39	15 55	3 36	3 8	0 48	6 24	0 49	7 6	1 9	23 11	0 20	22 49	0 21	6 22	0 44	7 44	1 25	27 28	6 37	23 8	23 11	21 9	16 52	6 43
S 30	4s 3	12s 4	4n16	3s53	0n42	6s55	0n47	6n51	1n 9	23n12	0s20	22n49	0s21	6n20	0n44	7s44	1s25	27n28	6n37	23s 7	23s10	21s 7	16n51	6s44

Julian Day Number = 1979898.5, Delta T = 59m30s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'12, Lahiri = 5°52'12 Julian Calendar 1 Sept. 708 == Greg. Calendar 5 Sept. 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

OCTOBER 708 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 52 0	11♎ 9'22	28♒24	13♎ 0	20♎39	16♍ 2	25♊17	10♋46	15♍47	13°R44	26♋36	18°R35	19♐15	11♑51	2♋59	M 1
T 2	0 55 56	12° 9'14	11♓ 4	14°39	21°54	16°40	25°19	10°48	15°51	13♓43	26°36	18♐25	19°12	11°58	3° 0	T 2
W 3	0 59 53	13° 9'08	24° 2	16°17	23° 9	17°19	25°20	10°50	15°54	13°42	26°37	18°14	19° 9	12° 4	3° 0	W 3
T 4	1 3 49	14° 9'04	7♈20	17°54	24°24	17°57	25°21	10°52	15°58	13°40	26°37	18° 3	19° 6	12°11	3° 0	T 4
F 5	1 7 46	15° 9'01	20°55	19°31	25°39	18°36	25°22	10°53	16° 1	13°39	26°38	17°52	19° 3	12°18	3° 1	F 5
S 6	1 11 42	16° 9'01	4♉43	21° 8	26°55	19°14	25°23	10°55	16° 4	13°38	26°39	17°44	19° 0	12°24	3° 1	S 6
S 7	1 15 39	17° 9'03	18°42	22°44	28°10	19°53	25°24	10°56	16° 8	13°36	26°39	17°38	18°56	12°31	3° 1	S 7
M 8	1 19 35	18° 9'07	2♊47	24°19	29°25	20°32	25°24	10°58	16°11	13°35	26°40	17°34	18°53	12°38	3°R 1	M 8
T 9	1 23 32	19° 9'13	16°56	25°54	0♏40	21°10	25°25	10°59	16°14	13°34	26°40	17°D33	18°50	12°44	3° 1	T 9
W10	1 27 28	20° 9'22	1♋ 5	27°29	1°55	21°49	25°R25	11° 0	16°18	13°32	26°40	17°34	18°47	12°51	3° 1	W10
T 11	1 31 25	21° 9'33	15°13	29° 3	3°10	22°27	25°25	11° 1	16°21	13°31	26°41	17°R35	18°44	12°58	3° 1	T 11
F 12	1 35 22	22° 9'45	29°20	0♏37	4°25	23° 6	25°24	11° 2	16°24	13°30	26°41	17°35	18°40	13° 4	3° 1	F 12
S 13	1 39 18	23°10'00	13♌23	2°10	5°40	23°45	25°24	11° 3	16°28	13°29	26°42	17°33	18°37	13°11	3° 0	S 13
S 14	1 43 15	24°10'17	27°21	3°43	6°55	24°23	25°23	11° 4	16°31	13°27	26°42	17°29	18°34	13°18	3° 0	S 14
M15	1 47 11	25°10'36	11♍13	5°16	8°10	25° 2	25°22	11° 4	16°34	13°26	26°42	17°22	18°31	13°24	2°59	M15
T 16	1 51 8	26°10'57	24°57	6°48	9°25	25°41	25°21	11° 5	16°37	13°25	26°43	17°14	18°28	13°31	2°59	T 16
W17	1 55 4	27°11'20	8♎28	8°20	10°40	26°19	25°20	11° 5	16°40	13°24	26°43	17° 5	18°25	13°37	2°58	W17
T 18	1 59 1	28°11'45	21°46	9°51	11°56	26°58	25°18	11° 5	16°43	13°23	26°43	16°56	18°21	13°44	2°57	T 18
F 19	2 2 57	29°12'11	4♏49	11°22	13°11	27°37	25°16	11° 6	16°46	13°22	26°43	16°48	18°18	13°51	2°56	F 19
S 20	2 6 54	0♏12'40	17°34	12°53	14°26	28°15	25°14	11°R 6	16°49	13°21	26°43	16°42	18°15	13°57	2°55	S 20
S 21	2 10 51	1°13'09	0♐ 3	14°23	15°41	28°54	25°12	11° 6	16°52	13°20	26°43	16°39	18°12	14° 4	2°54	S 21
M22	2 14 47	2°13'41	12°16	15°54	16°56	29°33	25°10	11° 5	16°55	13°19	26°44	16°D37	18° 9	14°11	2°53	M22
T 23	2 18 44	3°14'14	24°18	17°23	18°11	0♎12	25° 7	11° 5	16°58	13°18	26°44	16°37	18° 6	14°17	2°52	T 23
W24	2 22 40	4°14'48	6♑10	18°53	19°26	0°50	25° 4	11° 5	17° 1	13°17	26°44	16°39	18° 2	14°24	2°51	W24
T 25	2 26 37	5°15'24	17°59	20°22	20°41	1°29	25° 2	11° 4	17° 4	13°16	26°R44	16°40	17°59	14°31	2°50	T 25
F 26	2 30 33	6°16'01	29°48	21°50	21°56	2° 8	24°58	11° 3	17° 7	13°15	26°44	16°42	17°56	14°37	2°48	F 26
S 27	2 34 30	7°16'39	11♒43	23°18	23°11	2°47	24°55	11° 3	17° 9	13°15	26°44	16°R42	17°53	14°44	2°47	S 27
S 28	2 38 26	8°17'19	23°49	24°46	24°26	3°25	24°52	11° 2	17°12	13°14	26°44	16°40	17°50	14°51	2°45	S 28
M29	2 42 23	9°17'59	6♓11	26°13	25°41	4° 4	24°48	11° 1	17°15	13°13	26°43	16°37	17°46	14°57	2°44	M29
T 30	2 46 20	10°18'41	18°53	27°39	26°56	4°43	24°44	11° 0	17°18	13°12	26°43	16°33	17°43	15° 4	2°42	T 30
W31	2 50 16	11♏19'24	1♈58	29♏ 5	28♏11	5♎22	24♊40	10♋58	17♍20	13♓12	26♋43	16♐27	17♐40	15♑11	2♋41	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s27	7s40	4n45	4s38	0n35	7s25	0n45	6n36	1n 9	23n12	0s20	22n49	0s21	6n19	0n44	7s45	1s25	27n28	6n37	23s 7	23s10	21s 6	16n50	6s44
T 2	4 50	2 50	5 1	5 22	0 29	7 55	0 43	6 21	1 9	23 12	0 19	22 49	0 21	6 18	0 44	7 46	1 25	27 28	6 37	23 6	23 10	21 5	16 50	6 45
W 3	5 14	2n14	5 2	6 6	0 22	8 25	0 41	6 6	1 8	23 12	0 19	22 49	0 21	6 16	0 44	7 46	1 25	27 29	6 38	23 5	23 10	21 3	16 49	6 46
T 4	5 37	7 18	4 46	6 50	0 16	8 55	0 39	5 50	1 8	23 12	0 19	22 49	0 21	6 15	0 44	7 47	1 25	27 29	6 38	23 4	23 9	21 2	16 48	6 46
F 5	6 0	12 9	4 15	7 33	0 9	9 25	0 37	5 35	1 8	23 12	0 19	22 49	0 21	6 14	0 44	7 47	1 25	27 29	6 38	23 3	23 9	21 0	16 48	6 47
S 6	6 24	16 27	3 28	8 16	0 2	9 54	0 35	5 20	1 8	23 12	0 19	22 49	0 21	6 12	0 44	7 48	1 25	27 29	6 38	23 2	23 9	20 59	16 47	6 47
S 7	6 47	19 52	2 28	8 58	0s 4	10 23	0 33	5 4	1 8	23 12	0 19	22 48	0 21	6 11	0 44	7 48	1 25	27 29	6 39	23 2	23 8	20 58	16 46	6 48
M 8	7 10	22 8	1 18	9 40	0 11	10 52	0 30	4 49	1 8	23 12	0 19	22 48	0 21	6 10	0 44	7 49	1 25	27 29	6 39	23 1	23 8	20 56	16 46	6 49
T 9	7 33	23 1	0 3	10 21	0 18	11 21	0 28	4 34	1 8	23 13	0 19	22 48	0 21	6 8	0 44	7 49	1 25	27 29	6 39	23 1	23 8	20 55	16 45	6 49
W10	7 56	22 24	1s12	11 2	0 24	11 49	0 26	4 18	1 8	23 13	0 19	22 48	0 21	6 7	0 44	7 50	1 25	27 30	6 39	23 1	23 8	20 53	16 44	6 50
T 11	8 19	20 22	2 23	11 42	0 31	12 17	0 24	4 3	1 8	23 13	0 19	22 48	0 20	6 6	0 44	7 50	1 25	27 30	6 40	23 1	23 7	20 52	16 44	6 51
F 12	8 41	17 6	3 25	12 21	0 38	12 45	0 21	3 47	1 7	23 13	0 19	22 48	0 20	6 5	0 44	7 50	1 25	27 30	6 40	23 1	23 7	20 50	16 43	6 51
S 13	9 4	12 52	4 14	13 0	0 44	13 12	0 19	3 32	1 7	23 13	0 19	22 48	0 20	6 3	0 44	7 51	1 25	27 30	6 40	23 1	23 7	20 49	16 42	6 52
S 14	9 26	7 58	4 48	13 38	0 50	13 40	0 16	3 16	1 7	23 13	0 19	22 48	0 20	6 2	0 44	7 51	1 25	27 30	6 40	23 1	23 7	20 47	16 42	6 53
M15	9 49	2 43	5 5	14 15	0 57	14 6	0 14	3 1	1 7	23 13	0 19	22 48	0 20	6 1	0 44	7 52	1 25	27 30	6 41	23 0	23 6	20 46	16 41	6 53
T 16	10 11	2s37	5 4	14 52	1 3	14 33	0 12	2 45	1 7	23 13	0 18	22 48	0 20	6 0	0 44	7 52	1 25	27 31	6 41	22 59	23 6	20 45	16 40	6 54
W17	10 33	7 45	4 46	15 28	1 9	14 59	0 9	2 29	1 7	23 13	0 18	22 48	0 20	5 58	0 44	7 53	1 25	27 31	6 41	22 58	23 6	20 43	16 40	6 55
T 18	10 54	12 26	4 12	16 3	1 15	15 25	0 7	2 14	1 7	23 13	0 18	22 48	0 20	5 57	0 44	7 53	1 25	27 31	6 42	22 58	23 5	20 42	16 39	6 55
F 19	11 16	16 27	3 26	16 38	1 21	15 50	0 4	1 58	1 6	23 13	0 18	22 48	0 20	5 56	0 44	7 53	1 25	27 31	6 42	22 57	23 5	20 40	16 38	6 56
S 20	11 37	19 36	2 31	17 12	1 27	16 15	0 2	1 43	1 6	23 13	0 18	22 49	0 20	5 55	0 44	7 54	1 25	27 32	6 42	22 56	23 5	20 39	16 38	6 57
S 21	11 59	21 45	1 29	17 44	1 32	16 40	0s 1	1 27	1 6	23 13	0 18	22 49	0 20	5 54	0 44	7 54	1 25	27 32	6 42	22 56	23 5	20 37	16 37	6 57
M22	12 20	22 49	0 24	18 16	1 38	17 4	0 3	1 11	1 6	23 13	0 18	22 49	0 20	5 53	0 44	7 54	1 25	27 32	6 43	22 56	23 4	20 36	16 37	6 58
T 23	12 41	22 47	0n42	18 47	1 43	17 27	0 6	0 56	1 6	23 13	0 18	22 49	0 20	5 52	0 44	7 55	1 25	27 32	6 43	22 56	23 4	20 34	16 36	6 59
W24	13 1	21 43	1 44	19 17	1 48	17 50	0 8	0 40	1 6	23 13	0 18	22 49	0 20	5 50	0 44	7 55	1 25	27 32	6 43	22 56	23 4	20 33	16 35	6 59
T 25	13 22	19 43	2 42	19 46	1 53	18 13	0 11	0 24	1 5	23 13	0 18	22 49	0 20	5 49	0 44	7 55	1 25	27 33	6 43	22 56	23 3	20 31	16 35	7 0
F 26	13 42	16 51	3 33	20 15	1 58	18 35	0 13	0 9	1 5	23 13	0 18	22 49	0 19	5 48	0 44	7 56	1 25	27 33	6 44	22 56	23 3	20 30	16 34	7 0
S 27	14 2	13 18	4 16	20 42	2 2	18 57	0 16	0s 7	1 5	23 13	0 18	22 49	0 19	5 47	0 44	7 56	1 25	27 33	6 44	22 56	23 3	20 28	16 34	7 1
S 28	14 22	9 9	4 47	21 8	2 6	19 18	0 18	0 23	1 5	23 13	0 17	22 49	0 19	5 46	0 44	7 56	1 25	27 34	6 44	22 56	23 3	20 27	16 33	7 2
M29	14 42	4 33	5 6	21 33	2 10	19 39	0 21	0 39	1 5	23 13	0 17	22 50	0 19	5 45	0 44	7 57	1 25	27 34	6 44	22 56	23 2	20 25	16 33	7 2
T 30	15 1	0n21	5 11	21 56	2 13	19 59	0 23	0 54	1 4	23 13	0 17	22 50	0 19	5 44	0 44	7 57	1 25	27 34	6 45	22 55	23 2	20 24	16 32	7 3
W31	15s20	5n22	5n 0	22s19	2s17	20s19	0s26	1s10	1n 4	23n13	0s17	22n50	0s19	5n43	0n44	7s57	1s25	27n34	6n45	22s55	23s 2	20s22	16n31	7s 3

Julian Day Number = 1979928.5, Delta T = 59m29s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'16, Lahiri = 5°52'17 Julian Calendar 1 Oct. 708 == Greg. Calendar 5 Oct. 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

NOVEMBER 708 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 54 13	12♏20'08	15♈26	0♐30	29♏26	6♎ 1	24°R36	10°R57	17♍23	13°R11	26°R43	16°R21	17♐37	15♑17	2°R39	T 1
F 2	2 58 9	13°20'54	29°16	1°54	0♐41	6°39	24♊31	10♋56	17°25	13♓10	26♋43	16♐16	17°34	15°24	2♋37	F 2
S 3	3 2 6	14°21'41	13♉26	3°17	1°56	7°18	24°27	10°54	17°28	13°10	26°43	16°11	17°31	15°31	2°35	S 3
S 4	3 6 2	15°22'29	27°51	4°39	3°12	7°57	24°22	10°53	17°30	13° 9	26°42	16° 8	17°27	15°37	2°33	S 4
M 5	3 9 59	16°23'18	12♊24	6° 0	4°27	8°36	24°17	10°51	17°33	13° 8	26°42	16°D 7	17°24	15°44	2°31	M 5
T 6	3 13 55	17°24'09	27° 0	7°19	5°42	9°15	24°12	10°49	17°35	13° 8	26°42	16° 8	17°21	15°51	2°29	T 6
W 7	3 17 52	18°25'02	11♋33	8°37	6°56	9°54	24° 7	10°47	17°37	13° 7	26°41	16° 9	17°18	15°57	2°26	W 7
T 8	3 21 49	19°25'56	25°58	9°53	8°11	10°33	24° 1	10°45	17°39	13° 7	26°41	16°10	17°15	16° 4	2°24	T 8
F 9	3 25 45	20°26'51	10♌13	11° 7	9°26	11°11	23°56	10°43	17°42	13° 7	26°41	16°12	17°12	16°11	2°22	F 9
S 10	3 29 42	21°27'47	24°14	12°18	10°41	11°50	23°50	10°41	17°44	13° 6	26°40	16°R12	17° 8	16°17	2°19	S 10
S 11	3 33 38	22°28'45	8♍ 3	13°26	11°56	12°29	23°44	10°38	17°46	13° 6	26°40	16°11	17° 5	16°24	2°17	S 11
M12	3 37 35	23°29'45	21°37	14°31	13°11	13° 8	23°38	10°36	17°48	13° 6	26°39	16° 9	17° 2	16°31	2°14	M12
T 13	3 41 31	24°30'45	4♎57	15°32	14°26	13°47	23°32	10°33	17°50	13° 5	26°39	16° 6	16°59	16°37	2°12	T 13
W14	3 45 28	25°31'47	18° 4	16°29	15°41	14°26	23°25	10°30	17°52	13° 5	26°38	16° 3	16°56	16°44	2° 9	W14
T 15	3 49 24	26°32'50	0♏58	17°20	16°56	15° 5	23°19	10°28	17°54	13° 5	26°38	16° 0	16°52	16°51	2° 7	T 15
F 16	3 53 21	27°33'54	13°38	18° 6	18°11	15°44	23°12	10°25	17°56	13° 5	26°37	15°57	16°49	16°57	2° 4	F 16
S 17	3 57 18	28°34'59	26° 6	18°46	19°26	16°23	23° 5	10°22	17°58	13° 4	26°36	15°55	16°46	17° 4	2° 1	S 17
S 18	4 1 14	29°36'05	8♐22	19°18	20°41	17° 2	22°59	10°19	18° 0	13° 4	26°36	15°54	16°43	17°11	1°58	S 18
M19	4 5 11	0♐37'11	20°27	19°42	21°56	17°41	22°52	10°16	18° 1	13° 4	26°35	15°D54	16°40	17°17	1°55	M19
T 20	4 9 7	1°38'19	2♑24	19°57	23°11	18°20	22°45	10°12	18° 3	13° 4	26°35	15°55	16°37	17°24	1°52	T 20
W21	4 13 4	2°39'27	14°15	20°R 2	24°26	18°59	22°37	10° 9	18° 5	13°D 4	26°34	15°56	16°33	17°31	1°49	W21
T 22	4 17 0	3°40'35	26° 3	19°56	25°41	19°38	22°30	10° 6	18° 6	13° 4	26°33	15°57	16°30	17°37	1°46	T 22
F 23	4 20 57	4°41'44	7♒51	19°39	26°56	20°17	22°23	10° 2	18° 8	13° 4	26°32	15°58	16°27	17°44	1°43	F 23
S 24	4 24 53	5°42'53	19°45	19°11	28°10	20°56	22°15	9°59	18° 9	13° 4	26°32	15°59	16°24	17°51	1°40	S 24
S 25	4 28 50	6°44'02	1♓49	18°31	29°25	21°35	22° 8	9°55	18°11	13° 4	26°31	16°R 0	16°21	17°57	1°37	S 25
M26	4 32 47	7°45'12	14° 7	17°40	0♑40	22°14	22° 0	9°51	18°12	13° 5	26°30	16° 0	16°18	18° 4	1°33	M26
T 27	4 36 43	8°46'22	26°44	16°38	1°55	22°53	21°52	9°47	18°13	13° 5	26°29	15°59	16°14	18°11	1°30	T 27
W28	4 40 40	9°47'32	9♈44	15°28	3°10	23°32	21°44	9°43	18°15	13° 5	26°28	15°59	16°11	18°17	1°27	W28
T 29	4 44 36	10°48'42	23°10	14°11	4°25	24°11	21°37	9°39	18°16	13° 5	26°27	15°58	16° 8	18°24	1°23	T 29
F 30	4 48 33	11♐49'53	7♉ 3	12♐50	5♑39	24♎50	21♊29	9♋35	18♍17	13♓ 6	26♋26	15♐57	16♐ 5	18♑31	1♋20	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s39	10n18	4n33	22s40	2s19	20s38	0s28	1s25	1n 4	23n13	0s17	22n50	0s19	5n42	0n45	7s57	1s25	27n35	6n45	22s54	23s 1	20s21	16n31	7s 4
F 2	15 57	14 51	3 49	23 0	2 22	20 56	0 31	1 41	1 4	23 13	0 17	22 50	0 19	5 41	0 45	7 57	1 25	27 35	6 45	22 53	23 1	20 19	16 30	7 5
S 3	16 16	18 40	2 50	23 19	2 24	21 14	0 33	1 57	1 4	23 12	0 17	22 50	0 19	5 40	0 45	7 58	1 25	27 35	6 46	22 53	23 1	20 18	16 30	7 5
S 4	16 34	21 25	1 39	23 36	2 25	21 31	0 35	2 12	1 3	23 12	0 17	22 51	0 19	5 39	0 45	7 58	1 25	27 36	6 46	22 53	23 1	20 16	16 29	7 6
M 5	16 51	22 47	0 20	23 52	2 26	21 48	0 38	2 28	1 3	23 12	0 17	22 51	0 19	5 38	0 45	7 58	1 24	27 36	6 46	22 53	23 0	20 14	16 29	7 6
T 6	17 9	22 35	0s59	24 6	2 27	22 4	0 40	2 44	1 3	23 12	0 17	22 51	0 19	5 37	0 45	7 58	1 24	27 36	6 46	22 53	23 0	20 13	16 28	7 7
W 7	17 26	20 51	2 15	24 19	2 27	22 19	0 43	2 59	1 3	23 12	0 16	22 51	0 19	5 37	0 45	7 58	1 24	27 36	6 47	22 53	23 0	20 11	16 28	7 7
T 8	17 43	17 48	3 22	24 30	2 26	22 34	0 45	3 15	1 2	23 12	0 16	22 52	0 18	5 36	0 45	7 59	1 24	27 37	6 47	22 53	22 59	20 10	16 27	7 8
F 9	17 59	13 43	4 15	24 39	2 25	22 48	0 47	3 30	1 2	23 12	0 16	22 52	0 18	5 35	0 45	7 59	1 24	27 37	6 47	22 53	22 59	20 8	16 27	7 8
S 10	18 15	8 56	4 52	24 47	2 23	23 1	0 50	3 46	1 2	23 12	0 16	22 52	0 18	5 34	0 45	7 59	1 24	27 37	6 47	22 53	22 59	20 7	16 26	7 9
S 11	18 31	3 48	5 12	24 53	2 20	23 14	0 52	4 1	1 2	23 11	0 16	22 52	0 18	5 33	0 45	7 59	1 24	27 38	6 48	22 53	22 58	20 5	16 26	7 10
M12	18 47	1s27	5 13	24 58	2 17	23 26	0 54	4 17	1 1	23 11	0 16	22 53	0 18	5 33	0 45	7 59	1 24	27 38	6 48	22 53	22 58	20 4	16 25	7 10
T 13	19 2	6 32	4 58	25 0	2 12	23 37	0 56	4 32	1 1	23 11	0 16	22 53	0 18	5 32	0 45	7 59	1 24	27 38	6 48	22 52	22 58	20 2	16 25	7 11
W14	19 17	11 15	4 27	25 1	2 6	23 48	0 59	4 48	1 1	23 11	0 16	22 53	0 18	5 31	0 45	7 59	1 24	27 39	6 48	22 52	22 57	20 0	16 24	7 11
T 15	19 31	15 22	3 43	24 59	2 0	23 58	1 1	5 3	1 1	23 11	0 16	22 54	0 18	5 30	0 45	7 59	1 24	27 39	6 49	22 52	22 57	19 59	16 24	7 12
F 16	19 45	18 44	2 49	24 56	1 52	24 7	1 3	5 18	1 0	23 10	0 15	22 54	0 18	5 30	0 45	7 59	1 24	27 39	6 49	22 52	22 57	19 57	16 23	7 12
S 17	19 59	21 9	1 47	24 50	1 43	24 16	1 5	5 34	1 0	23 10	0 15	22 54	0 18	5 29	0 45	7 59	1 24	27 40	6 49	22 51	22 57	19 56	16 23	7 13
S 18	20 12	22 32	0 42	24 43	1 33	24 23	1 7	5 49	1 0	23 10	0 15	22 54	0 18	5 28	0 45	7 59	1 24	27 40	6 49	22 51	22 56	19 54	16 22	7 13
M19	20 25	22 50	0n25	24 33	1 21	24 30	1 9	6 4	1 0	23 10	0 15	22 55	0 18	5 28	0 45	7 59	1 24	27 41	6 50	22 51	22 56	19 52	16 22	7 13
T 20	20 38	22 5	1 30	24 21	1 8	24 36	1 11	6 19	0 59	23 9	0 15	22 55	0 18	5 27	0 45	7 59	1 24	27 41	6 50	22 51	22 56	19 51	16 22	7 14
W21	20 50	20 20	2 31	24 8	0 54	24 42	1 13	6 35	0 59	23 9	0 15	22 55	0 17	5 26	0 45	7 59	1 24	27 41	6 50	22 51	22 55	19 49	16 21	7 14
T 22	21 2	17 44	3 25	23 51	0 38	24 47	1 15	6 50	0 59	23 9	0 15	22 56	0 17	5 26	0 45	7 59	1 24	27 42	6 50	22 52	22 55	19 48	16 21	7 15
F 23	21 13	14 24	4 10	23 33	0 21	24 51	1 16	7 5	0 58	23 9	0 15	22 56	0 17	5 25	0 45	7 59	1 24	27 42	6 51	22 52	22 55	19 46	16 20	7 15
S 24	21 24	10 29	4 45	23 13	0 3	24 54	1 18	7 20	0 58	23 8	0 14	22 57	0 17	5 25	0 45	7 59	1 24	27 42	6 51	22 52	22 54	19 44	16 20	7 16
S 25	21 35	6 6	5 8	22 50	0n16	24 56	1 20	7 35	0 58	23 8	0 14	22 57	0 17	5 24	0 45	7 59	1 24	27 43	6 51	22 52	22 54	19 43	16 20	7 16
M26	21 45	1 25	5 18	22 26	0 36	24 58	1 22	7 50	0 57	23 8	0 14	22 57	0 17	5 24	0 45	7 59	1 24	27 43	6 51	22 52	22 54	19 41	16 19	7 16
T 27	21 55	3n28	5 12	22 0	0 56	24 59	1 23	8 5	0 57	23 7	0 14	22 58	0 17	5 23	0 45	7 59	1 24	27 44	6 51	22 52	22 53	19 40	16 19	7 17
W28	22 4	8 20	4 51	21 32	1 16	24 59	1 25	8 19	0 57	23 7	0 14	22 58	0 17	5 23	0 46	7 59	1 24	27 44	6 52	22 52	22 53	19 38	16 19	7 17
T 29	22 13	12 59	4 13	21 4	1 36	24 58	1 26	8 34	0 56	23 7	0 14	22 58	0 17	5 22	0 46	7 58	1 24	27 44	6 52	22 52	22 53	19 36	16 18	7 18
F 30	22s22	17n 6	3n20	20s36	1n54	24s57	1s28	8s49	0n56	23n 6	0s14	22n59	0s17	5n22	0n46	7s58	1s24	27n45	6n52	22s52	22s52	19s35	16n18	7s18

Julian Day Number = 1979959.5, Delta T = 59m28s
Ecliptic obliquity = 23°36'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'20, Lahiri = 5°52'21 Julian Calendar 1 Nov. 708 == Greg. Calendar 5 Nov. 708

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ASTRODIENST EPHEMERIS for the year 708
geocentric

DECEMBER 708 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 52 29	12♐51'04	21♉20	11°R28	6♑54	25♎29	21°R21	9°R31	18♍18	13♓ 6	26°R25	15°R57	16♐ 2	18♑37	1°R17	S 1
S 2	4 56 26	13°52'15	6♊ 0	10♐ 6	8° 9	26° 8	21♊13	9♋27	18°19	13° 6	26♋25	15♐57	15°58	18°44	1♋13	S 2
M 3	5 0 23	14°53'26	20°54	8°49	9°23	26°47	21° 5	9°23	18°20	13° 7	26°24	15°D57	15°55	18°51	1°10	M 3
T 4	5 4 19	15°54'38	5♋56	7°38	10°38	27°27	20°57	9°19	18°21	13° 7	26°23	15°R57	15°52	18°57	1° 6	T 4
W 5	5 8 16	16°55'49	20°56	6°35	11°53	28° 6	20°49	9°14	18°22	13° 8	26°22	15°57	15°49	19° 4	1° 3	W 5
T 6	5 12 12	17°57'01	5♌46	5°41	13° 7	28°45	20°41	9°10	18°23	13° 8	26°21	15°57	15°46	19°11	0°59	T 6
F 7	5 16 9	18°58'14	20°21	4°57	14°22	29°24	20°32	9° 6	18°24	13° 9	26°19	15°56	15°43	19°17	0°55	F 7
S 8	5 20 5	19°59'27	4♍35	4°24	15°37	0♏ 3	20°24	9° 1	18°24	13° 9	26°18	15°56	15°39	19°24	0°52	S 8
S 9	5 24 2	21° 0'40	18°27	4° 1	16°51	0°42	20°16	8°56	18°25	13°10	26°17	15°D56	15°36	19°31	0°48	S 9
M10	5 27 58	22° 1'53	1♎57	3°48	18° 6	1°21	20° 8	8°52	18°26	13°11	26°16	15°56	15°33	19°37	0°44	M10
T 11	5 31 55	23° 3'07	15° 6	3°D45	19°20	2° 0	20° 0	8°47	18°26	13°11	26°15	15°56	15°30	19°44	0°41	T 11
W12	5 35 52	24° 4'20	27°56	3°51	20°35	2°40	19°52	8°43	18°27	13°12	26°14	15°57	15°27	19°51	0°37	W12
T 13	5 39 48	25° 5'34	10♏31	4° 5	21°50	3°19	19°44	8°38	18°27	13°13	26°13	15°58	15°24	19°57	0°33	T 13
F 14	5 43 45	26° 6'48	22°53	4°27	23° 4	3°58	19°36	8°33	18°27	13°14	26°12	15°59	15°20	20° 4	0°30	F 14
S 15	5 47 41	27° 8'02	5♐ 4	4°56	24°19	4°37	19°28	8°28	18°28	13°14	26°10	16° 0	15°17	20°11	0°26	S 15
S 16	5 51 38	28° 9'16	17° 7	5°31	25°33	5°16	19°20	8°23	18°28	13°15	26° 9	16°R 0	15°14	20°17	0°22	S 16
M17	5 55 34	29°10'30	29° 3	6°11	26°47	5°55	19°12	8°19	18°28	13°16	26° 8	16° 0	15°11	20°24	0°18	M17
T 18	5 59 31	0♑11'43	10♑55	6°57	28° 2	6°35	19° 4	8°14	18°28	13°17	26° 7	15°58	15° 8	20°31	0°15	T 18
W19	6 3 27	1°12'56	22°44	7°46	29°16	7°14	18°56	8° 9	18°28	13°18	26° 5	15°56	15° 4	20°37	0°11	W19
T 20	6 7 24	2°14'09	4♒32	8°40	0♒31	7°53	18°48	8° 4	18°R28	13°19	26° 4	15°54	15° 1	20°44	0° 7	T 20
F 21	6 11 21	3°15'20	16°23	9°38	1°45	8°32	18°41	7°59	18°28	13°20	26° 3	15°51	14°58	20°51	0° 3	F 21
S 22	6 15 17	4°16'31	28°19	10°38	2°59	9°11	18°33	7°54	18°28	13°21	26° 2	15°48	14°55	20°57	29♊59	S 22
S 23	6 19 14	5°17'42	10♓23	11°42	4°13	9°51	18°26	7°49	18°28	13°22	26° 0	15°46	14°52	21° 4	29°56	S 23
M24	6 23 10	6°18'51	22°38	12°48	5°28	10°30	18°18	7°44	18°28	13°23	25°59	15°44	14°49	21°11	29°52	M24
T 25	6 27 7	7°20'00	5♈10	13°56	6°42	11° 9	18°11	7°39	18°28	13°24	25°58	15°D43	14°45	21°17	29°49	T 25
W26	6 31 3	8°21'08	18° 2	15° 7	7°56	11°48	18° 4	7°34	18°27	13°25	25°56	15°43	14°42	21°24	29°45	W26
T 27	6 35 0	9°22'14	1♉18	16°20	9°10	12°27	17°57	7°29	18°27	13°27	25°55	15°45	14°39	21°31	29°41	T 27
F 28	6 38 56	10°23'20	15° 0	17°34	10°24	13° 7	17°50	7°24	18°27	13°28	25°54	15°46	14°36	21°37	29°37	F 28
S 29	6 42 53	11°24'25	29°10	18°50	11°38	13°46	17°43	7°19	18°26	13°29	25°52	15°48	14°33	21°44	29°34	S 29
S 30	6 46 50	12°25'29	13♊46	20° 7	12°52	14°25	17°36	7°15	18°26	13°30	25°51	15°R48	14°30	21°51	29°30	S 30
M31	6 50 46	13♑26'32	28♊44	21♐25	14♒ 6	15♏ 4	17♊29	7♋10	18♍25	13♓32	25♋50	15♐48	14♐26	21♑57	29♊27	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s30	20n21	2n13	20s 9	2n11	24s54	1s29	9s 3	0n56	23n 6	0s13	22n59	0s17	5n21	0n46	7s58	1s23	27n45	6n52	22s51	22s52	19s33	16n18	7s18
S 2	22 37	22 22	0 55	19 43	2 26	24 51	1 30	9 18	0 55	23 5	0 13	23 0	0 16	5 21	0 46	7 58	1 23	27 46	6 52	22 51	22 52	19 31	16 17	7 19
M 3	22 45	22 50	0s28	19 19	2 39	24 48	1 32	9 33	0 55	23 5	0 13	23 0	0 16	5 21	0 46	7 58	1 23	27 46	6 53	22 51	22 51	19 30	16 17	7 19
T 4	22 51	21 39	1 49	18 57	2 49	24 43	1 33	9 47	0 55	23 5	0 13	23 0	0 16	5 20	0 46	7 57	1 23	27 46	6 53	22 51	22 51	19 28	16 17	7 19
W 5	22 58	18 57	3 3	18 39	2 57	24 38	1 34	10 2	0 54	23 4	0 13	23 1	0 16	5 20	0 46	7 57	1 23	27 47	6 53	22 51	22 51	19 26	16 17	7 20
T 6	23 3	15 2	4 3	18 24	3 3	24 32	1 35	10 16	0 54	23 4	0 13	23 1	0 16	5 20	0 46	7 57	1 23	27 47	6 53	22 51	22 50	19 25	16 16	7 20
F 7	23 9	10 16	4 47	18 13	3 6	24 25	1 36	10 30	0 54	23 3	0 13	23 2	0 16	5 19	0 46	7 57	1 23	27 48	6 53	22 51	22 50	19 23	16 16	7 20
S 8	23 13	5 4	5 12	18 6	3 7	24 18	1 37	10 44	0 53	23 3	0 12	23 2	0 16	5 19	0 46	7 57	1 23	27 48	6 54	22 51	22 50	19 21	16 16	7 20
S 9	23 18	0s16	5 18	18 2	3 7	24 9	1 38	10 58	0 53	23 2	0 12	23 2	0 16	5 19	0 46	7 56	1 23	27 48	6 54	22 51	22 49	19 20	16 16	7 21
M10	23 22	5 27	5 6	18 2	3 5	24 0	1 39	11 13	0 52	23 2	0 12	23 3	0 16	5 19	0 46	7 56	1 23	27 49	6 54	22 51	22 49	19 18	16 15	7 21
T 11	23 25	10 15	4 38	18 5	3 1	23 51	1 40	11 26	0 52	23 2	0 12	23 3	0 16	5 19	0 46	7 56	1 23	27 49	6 54	22 51	22 49	19 16	16 15	7 21
W12	23 28	14 29	3 57	18 10	2 57	23 40	1 40	11 40	0 52	23 1	0 12	23 4	0 15	5 18	0 46	7 55	1 23	27 50	6 54	22 52	22 48	19 15	16 15	7 21
T 13	23 31	18 0	3 5	18 19	2 51	23 29	1 41	11 54	0 51	23 1	0 12	23 4	0 15	5 18	0 46	7 55	1 23	27 50	6 55	22 52	22 48	19 13	16 15	7 22
F 14	23 33	20 38	2 5	18 29	2 45	23 17	1 41	12 8	0 51	23 0	0 12	23 4	0 15	5 18	0 46	7 55	1 23	27 50	6 55	22 52	22 48	19 11	16 15	7 22
S 15	23 34	22 17	1 0	18 41	2 38	23 5	1 42	12 22	0 50	23 0	0 11	23 5	0 15	5 18	0 46	7 54	1 23	27 51	6 55	22 52	22 47	19 10	16 14	7 22
S 16	23 36	22 52	0n 6	18 55	2 30	22 51	1 42	12 35	0 50	22 59	0 11	23 5	0 15	5 18	0 46	7 54	1 23	27 51	6 55	22 52	22 47	19 8	16 14	7 22
M17	23 36	22 24	1 12	19 9	2 22	22 37	1 43	12 49	0 49	22 59	0 11	23 6	0 15	5 18	0 46	7 54	1 23	27 52	6 55	22 52	22 46	19 6	16 14	7 22
T 18	23 36	20 56	2 14	19 25	2 14	22 23	1 43	13 2	0 49	22 58	0 11	23 6	0 15	5 18	0 46	7 53	1 23	27 52	6 55	22 52	22 46	19 5	16 14	7 22
W19	23 36	18 33	3 10	19 42	2 5	22 7	1 43	13 15	0 48	22 58	0 11	23 6	0 15	5 18	0 46	7 53	1 23	27 52	6 56	22 51	22 46	19 3	16 14	7 23
T 20	23 35	15 25	3 57	19 59	1 56	21 52	1 43	13 29	0 48	22 57	0 11	23 7	0 15	5 18	0 46	7 52	1 23	27 53	6 56	22 51	22 45	19 1	16 14	7 23
F 21	23 34	11 40	4 35	20 17	1 47	21 35	1 43	13 42	0 48	22 57	0 10	23 7	0 14	5 18	0 46	7 52	1 23	27 53	6 56	22 51	22 45	18 59	16 14	7 23
S 22	23 32	7 26	5 1	20 34	1 38	21 18	1 43	13 55	0 47	22 56	0 10	23 8	0 14	5 18	0 47	7 52	1 23	27 54	6 56	22 51	22 45	18 58	16 13	7 23
S 23	23 30	2 53	5 14	20 52	1 29	21 0	1 43	14 8	0 47	22 56	0 10	23 8	0 14	5 18	0 47	7 51	1 23	27 54	6 56	22 50	22 44	18 56	16 13	7 23
M24	23 27	1n51	5 13	21 10	1 20	20 42	1 43	14 21	0 46	22 55	0 10	23 9	0 14	5 18	0 47	7 51	1 23	27 54	6 56	22 50	22 44	18 54	16 13	7 23
T 25	23 24	6 37	4 58	21 27	1 11	20 23	1 42	14 33	0 46	22 55	0 10	23 9	0 14	5 19	0 47	7 50	1 23	27 55	6 56	22 50	22 44	18 53	16 13	7 23
W26	23 20	11 13	4 27	21 44	1 2	20 3	1 42	14 46	0 45	22 54	0 10	23 9	0 14	5 19	0 47	7 50	1 23	27 55	6 57	22 50	22 43	18 51	16 13	7 23
T 27	23 16	15 27	3 41	22 1	0 53	19 43	1 42	14 59	0 45	22 54	0 9	23 10	0 14	5 19	0 47	7 49	1 22	27 56	6 57	22 50	22 43	18 49	16 13	7 23
F 28	23 12	19 1	2 42	22 17	0 45	19 22	1 41	15 11	0 44	22 53	0 9	23 10	0 14	5 19	0 47	7 49	1 22	27 56	6 57	22 50	22 43	18 47	16 13	7 23
S 29	23 7	21 35	1 30	22 32	0 36	19 1	1 41	15 23	0 44	22 53	0 9	23 10	0 14	5 19	0 47	7 48	1 22	27 56	6 57	22 51	22 42	18 46	16 13	7 23
S 30	23 1	22 48	0 11	22 47	0 27	18 40	1 40	15 35	0 43	22 52	0 9	23 11	0 14	5 19	0 47	7 48	1 22	27 57	6 57	22 51	22 42	18 44	16 13	7 23
M31	22s55	22n25	1s10	23s 1	0n19	18s17	1s39	15s48	0n42	22n52	0s 9	23n11	0s13	5n20	0n47	7s47	1s22	27n57	6n57	22s51	22s41	18s42	16n13	7s23

Julian Day Number = 1979989.5, Delta T = 59m28s
Ecliptic obliquity = 23°36'19, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'24, Lahiri = 5°52'25 Julian Calendar 1 Dec. 708 == Greg. Calendar 5 Dec. 708

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ASTRODIENST EPHEMERIS for the year 709
geocentric

JANUARY 709 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 54 43	14♉27'34	13♋56	22♐45	15♒20	15♏43	17°R23	7°R 5	18°R24	13♓33	25°R48	15°R46	14♐23	22♉ 4	29°R23	T 1
W 2	6 58 39	15°28'36	29°13	24° 6	16°34	16°23	17♊16	7♋ 0	18♍24	13°35	25♋47	15♐43	14°20	22°11	29♊19	W 2
T 3	7 2 36	16°29'36	14♌25	25°29	17°48	17° 2	17°10	6°55	18°23	13°36	25°46	15°38	14°17	22°18	29°16	T 3
F 4	7 6 32	17°30'35	29°21	26°52	19° 2	17°41	17° 4	6°50	18°22	13°37	25°44	15°33	14°14	22°24	29°12	F 4
S 5	7 10 29	18°31'34	13♍53	28°16	20°15	18°20	16°58	6°45	18°21	13°39	25°43	15°29	14°10	22°31	29° 9	S 5
S 6	7 14 26	19°32'32	27°59	29°41	21°29	18°59	16°52	6°41	18°21	13°40	25°41	15°26	14° 7	22°38	29° 5	S 6
M 7	7 18 22	20°33'29	11♎35	1♉ 7	22°43	19°39	16°47	6°36	18°20	13°42	25°40	15°24	14° 4	22°44	29° 2	M 7
T 8	7 22 19	21°34'25	24°45	2°34	23°56	20°18	16°41	6°31	18°19	13°43	25°39	15°D23	14° 1	22°51	28°59	T 8
W 9	7 26 15	22°35'21	7♏32	4° 2	25°10	20°57	16°36	6°26	18°18	13°45	25°37	15°24	13°58	22°58	28°55	W 9
T 10	7 30 12	23°36'15	19°58	5°30	26°23	21°36	16°31	6°22	18°16	13°46	25°36	15°26	13°55	23° 4	28°52	T 10
F 11	7 34 8	24°37'09	2♐ 9	7° 0	27°37	22°16	16°26	6°17	18°15	13°48	25°34	15°28	13°51	23°11	28°49	F 11
S 12	7 38 5	25°38'02	14°10	8°30	28°50	22°55	16°21	6°13	18°14	13°50	25°33	15°R28	13°48	23°18	28°46	S 12
S 13	7 42 1	26°38'53	26° 3	10° 1	0♓ 3	23°34	16°16	6° 8	18°13	13°51	25°31	15°28	13°45	23°24	28°42	S 13
M14	7 45 58	27°39'44	7♉53	11°33	1°16	24°13	16°12	6° 4	18°12	13°53	25°30	15°25	13°42	23°31	28°39	M14
T 15	7 49 55	28°40'33	19°41	13° 6	2°30	24°53	16° 7	5°59	18°10	13°55	25°29	15°20	13°39	23°38	28°36	T 15
W16	7 53 51	29°41'21	1♒31	14°39	3°43	25°32	16° 3	5°55	18° 9	13°57	25°27	15°13	13°36	23°44	28°33	W16
T 17	7 57 48	0♒42'08	13°23	16°13	4°56	26°11	15°59	5°51	18° 7	13°58	25°26	15° 5	13°32	23°51	28°30	T 17
F 18	8 1 44	1°42'53	25°19	17°48	6° 9	26°50	15°55	5°47	18° 6	14° 0	25°24	14°55	13°29	23°58	28°27	F 18
S 19	8 5 41	2°43'36	7♓21	19°24	7°22	27°29	15°52	5°42	18° 4	14° 2	25°23	14°46	13°26	24° 4	28°24	S 19
S 20	8 9 37	3°44'18	19°31	21° 1	8°35	28° 9	15°48	5°38	18° 3	14° 4	25°22	14°37	13°23	24°11	28°21	S 20
M21	8 13 34	4°44'58	1♈51	22°38	9°48	28°48	15°45	5°34	18° 1	14° 5	25°20	14°30	13°20	24°18	28°19	M21
T 22	8 17 30	5°45'36	14°24	24°16	11° 0	29°27	15°42	5°30	17°59	14° 7	25°19	14°26	13°16	24°24	28°16	T 22
W23	8 21 27	6°46'13	27°12	25°56	12°13	0♐ 6	15°39	5°27	17°58	14° 9	25°17	14°23	13°13	24°31	28°13	W23
T 24	8 25 24	7°46'48	10♉20	27°36	13°26	0°45	15°37	5°23	17°56	14°11	25°16	14°D23	13°10	24°38	28°11	T 24
F 25	8 29 20	8°47'21	23°51	29°16	14°38	1°24	15°34	5°19	17°54	14°13	25°15	14°24	13° 7	24°44	28° 8	F 25
S 26	8 33 17	9°47'52	7♊46	0♒58	15°51	2° 4	15°32	5°15	17°52	14°15	25°13	14°R25	13° 4	24°51	28° 6	S 26
S 27	8 37 13	10°48'21	22° 7	2°41	17° 3	2°43	15°30	5°12	17°51	14°17	25°12	14°24	13° 1	24°58	28° 3	S 27
M28	8 41 10	11°48'48	6♋51	4°25	18°15	3°22	15°28	5° 8	17°49	14°19	25°11	14°22	12°57	25° 4	28° 1	M28
T 29	8 45 6	12°49'14	21°55	6° 9	19°27	4° 1	15°27	5° 5	17°47	14°21	25° 9	14°18	12°54	25°11	27°58	T 29
W30	8 49 3	13°49'37	7♌ 9	7°55	20°39	4°40	15°25	5° 2	17°45	14°23	25° 8	14°11	12°51	25°18	27°56	W30
T 31	8 52 59	14♒49'59	22♌24	9♒41	21♓51	5♐19	15♊24	4♋59	17♍43	14♓25	25♋ 7	14♐ 2	12♐48	25♉25	27♊54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s49	20n25	2s28	23s14	0n11	17s55	1s38	16s 0	0n42	22n51	0s 9	23n12	0s13	5n20	0n47	7s46	1s22	27n57	6n57	22s50	22s41	18s40	16n13	7s23
W 2	22 42	16 56	3 36	23 26	0 3	17 32	1 37	16 11	0 41	22 51	0 9	23 12	0 13	5 20	0 47	7 46	1 22	27 58	6 58	22 50	22 41	18 39	16 13	7 23
T 3	22 35	12 21	4 28	23 37	0s 5	17 8	1 36	16 23	0 41	22 51	0 8	23 12	0 13	5 21	0 47	7 45	1 22	27 58	6 58	22 49	22 40	18 37	16 13	7 23
F 4	22 27	7 5	5 0	23 47	0 13	16 44	1 35	16 35	0 40	22 50	0 8	23 13	0 13	5 21	0 47	7 45	1 22	27 59	6 58	22 49	22 40	18 35	16 13	7 23
S 5	22 19	1 35	5 13	23 56	0 21	16 19	1 34	16 46	0 40	22 50	0 8	23 13	0 13	5 21	0 47	7 44	1 22	27 59	6 58	22 48	22 40	18 33	16 13	7 23
S 6	22 10	3s51	5 5	24 4	0 28	15 54	1 33	16 58	0 39	22 49	0 8	23 13	0 13	5 22	0 47	7 44	1 22	27 59	6 58	22 48	22 39	18 32	16 13	7 23
M 7	22 1	8 55	4 41	24 11	0 35	15 29	1 31	17 9	0 38	22 49	0 8	23 14	0 13	5 22	0 47	7 43	1 22	28 0	6 58	22 48	22 39	18 30	16 13	7 23
T 8	21 52	13 24	4 2	24 17	0 42	15 3	1 30	17 20	0 38	22 48	0 8	23 14	0 12	5 23	0 47	7 42	1 22	28 0	6 58	22 48	22 38	18 28	16 13	7 23
W 9	21 42	17 9	3 12	24 22	0 49	14 37	1 29	17 31	0 37	22 48	0 7	23 15	0 12	5 23	0 47	7 42	1 22	28 0	6 58	22 48	22 38	18 26	16 13	7 23
T 10	21 32	20 1	2 15	24 25	0 56	14 10	1 27	17 42	0 37	22 48	0 7	23 15	0 12	5 24	0 47	7 41	1 22	28 1	6 58	22 48	22 38	18 25	16 13	7 23
F 11	21 21	21 55	1 12	24 27	1 2	13 43	1 25	17 53	0 36	22 47	0 7	23 15	0 12	5 24	0 47	7 40	1 22	28 1	6 58	22 48	22 37	18 23	16 13	7 23
S 12	21 10	22 47	0 7	24 28	1 8	13 16	1 24	18 4	0 35	22 47	0 7	23 16	0 12	5 25	0 47	7 40	1 22	28 2	6 58	22 48	22 37	18 21	16 14	7 22
S 13	20 58	22 36	0n57	24 27	1 14	12 48	1 22	18 14	0 35	22 47	0 7	23 16	0 12	5 25	0 47	7 39	1 22	28 2	6 59	22 48	22 37	18 19	16 14	7 22
M14	20 46	21 24	1 59	24 25	1 19	12 20	1 20	18 25	0 34	22 46	0 7	23 16	0 12	5 26	0 47	7 38	1 22	28 2	6 59	22 48	22 36	18 17	16 14	7 22
T 15	20 34	19 16	2 55	24 21	1 24	11 52	1 18	18 35	0 33	22 46	0 6	23 16	0 12	5 26	0 47	7 38	1 22	28 3	6 59	22 48	22 36	18 16	16 14	7 22
W16	20 21	16 20	3 43	24 16	1 29	11 24	1 16	18 45	0 33	22 46	0 6	23 17	0 12	5 27	0 47	7 37	1 22	28 3	6 59	22 47	22 35	18 14	16 14	7 22
T 17	20 8	12 44	4 22	24 10	1 34	10 55	1 14	18 55	0 32	22 46	0 6	23 17	0 11	5 27	0 48	7 36	1 22	28 3	6 59	22 46	22 35	18 12	16 14	7 22
F 18	19 55	8 37	4 50	24 2	1 38	10 26	1 12	19 5	0 31	22 45	0 6	23 17	0 11	5 28	0 48	7 36	1 22	28 4	6 59	22 45	22 35	18 10	16 14	7 21
S 19	19 41	4 9	5 5	23 53	1 42	9 56	1 9	19 14	0 30	22 45	0 6	23 18	0 11	5 29	0 48	7 35	1 22	28 4	6 59	22 44	22 34	18 8	16 15	7 21
S 20	19 27	0n31	5 6	23 42	1 46	9 27	1 7	19 24	0 30	22 45	0 6	23 18	0 11	5 29	0 48	7 34	1 22	28 4	6 59	22 43	22 34	18 7	16 15	7 21
M21	19 13	5 13	4 53	23 30	1 50	8 57	1 5	19 33	0 29	22 45	0 6	23 18	0 11	5 30	0 48	7 33	1 22	28 5	6 59	22 42	22 33	18 5	16 15	7 21
T 22	18 58	9 48	4 26	23 16	1 53	8 27	1 2	19 43	0 28	22 45	0 5	23 19	0 11	5 31	0 48	7 33	1 22	28 5	6 59	22 41	22 33	18 3	16 15	7 21
W23	18 43	14 3	3 46	23 0	1 56	7 57	1 0	19 52	0 27	22 44	0 5	23 19	0 11	5 31	0 48	7 32	1 22	28 5	6 59	22 41	22 33	18 1	16 15	7 20
T 24	18 27	17 45	2 53	22 43	1 58	7 26	0 57	20 1	0 27	22 44	0 5	23 19	0 11	5 32	0 48	7 31	1 22	28 5	6 59	22 41	22 32	17 59	16 16	7 20
F 25	18 11	20 37	1 48	22 24	2 0	6 55	0 54	20 10	0 26	22 44	0 5	23 19	0 10	5 33	0 48	7 30	1 22	28 6	6 59	22 41	22 32	17 57	16 16	7 20
S 26	17 55	22 21	0 36	22 4	2 2	6 25	0 52	20 18	0 25	22 44	0 5	23 20	0 10	5 33	0 48	7 30	1 22	28 6	6 59	22 41	22 31	17 56	16 16	7 20
S 27	17 39	22 41	0s41	21 41	2 3	5 54	0 49	20 27	0 24	22 44	0 5	23 20	0 10	5 34	0 48	7 29	1 22	28 6	6 59	22 41	22 31	17 54	16 16	7 19
M28	17 22	21 28	1 57	21 18	2 4	5 23	0 46	20 35	0 24	22 44	0 4	23 20	0 10	5 35	0 48	7 28	1 22	28 7	6 59	22 41	22 31	17 52	16 17	7 19
T 29	17 5	18 44	3 7	20 52	2 4	4 52	0 43	20 44	0 23	22 44	0 4	23 20	0 10	5 36	0 48	7 27	1 22	28 7	6 59	22 40	22 30	17 50	16 17	7 19
W30	16 47	14 41	4 3	20 25	2 4	4 20	0 40	20 52	0 22	22 44	0 4	23 21	0 10	5 37	0 48	7 26	1 22	28 7	6 59	22 40	22 30	17 48	16 17	7 18
T 31	16s30	9n41	4s43	19s56	2s 4	3s49	0s37	20s59	0n21	22n44	0s 4	23n21	0s10	5n37	0n48	7s26	1s22	28n 7	6n59	22s39	22s29	17s46	16n17	7s18

Julian Day Number = 1980020.5, Delta T = 59m27s
Ecliptic obliquity = 23°36'19, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'29, Lahiri = 5°52'29 Julian Calendar 1 Jan. 709 == Greg. Calendar 5 Jan. 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

FEBRUARY 709 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 56 56	15♒50'19	7♍29	11♒29	23♓ 3	5♐58	15°R23	4°R55	17°R41	14♓27	25°R 5	13°R52	12♐45	25♑31	27°R52	F 1
S 2	9 0 53	16°50'37	22°13	13°17	24°15	6°37	15♊22	4♋52	17♍39	14°29	25♋ 4	13♐43	12°41	25°38	27♊50	S 2
S 3	9 4 49	17°50'53	6♎30	15° 7	25°27	7°17	15°21	4°49	17°36	14°31	25° 3	13°35	12°38	25°45	27°48	S 3
M 4	9 8 46	18°51'08	20°18	16°57	26°39	7°56	15°21	4°47	17°34	14°33	25° 1	13°29	12°35	25°51	27°46	M 4
T 5	9 12 42	19°51'22	3♏35	18°48	27°50	8°35	15°21	4°44	17°32	14°35	25° 0	13°26	12°32	25°58	27°44	T 5
W 6	9 16 39	20°51'34	16°25	20°41	29° 1	9°14	15°D21	4°41	17°30	14°37	24°59	13°D24	12°29	26° 5	27°42	W 6
T 7	9 20 35	21°51'44	28°53	22°34	0♈13	9°53	15°21	4°39	17°28	14°39	24°58	13°24	12°26	26°11	27°41	T 7
F 8	9 24 32	22°51'53	11♐ 3	24°28	1°24	10°32	15°21	4°36	17°25	14°42	24°56	13°R25	12°22	26°18	27°39	F 8
S 9	9 28 28	23°52'00	23° 0	26°22	2°35	11°11	15°22	4°34	17°23	14°44	24°55	13°24	12°19	26°25	27°38	S 9
S 10	9 32 25	24°52'05	4♑50	28°18	3°46	11°50	15°22	4°31	17°21	14°46	24°54	13°22	12°16	26°31	27°36	S 10
M11	9 36 22	25°52'09	16°37	0♓14	4°57	12°29	15°23	4°29	17°19	14°48	24°53	13°17	12°13	26°38	27°35	M11
T 12	9 40 18	26°52'11	28°25	2°11	6° 8	13° 8	15°24	4°27	17°16	14°50	24°52	13°10	12°10	26°45	27°33	T 12
W13	9 44 15	27°52'11	10♒17	4° 8	7°19	13°47	15°26	4°25	17°14	14°52	24°51	12°59	12° 7	26°51	27°32	W13
T 14	9 48 11	28°52'09	22°15	6° 5	8°29	14°26	15°27	4°23	17°11	14°55	24°49	12°47	12° 3	26°58	27°31	T 14
F 15	9 52 8	29°52'05	4♓20	8° 2	9°40	15° 5	15°29	4°22	17° 9	14°57	24°48	12°33	12° 0	27° 5	27°30	F 15
S 16	9 56 4	0♓51'59	16°34	9°58	10°50	15°44	15°31	4°20	17° 7	14°59	24°47	12°19	11°57	27°11	27°29	S 16
S 17	10 0 1	1°51'51	28°56	11°55	12° 0	16°23	15°33	4°18	17° 4	15° 1	24°46	12° 6	11°54	27°18	27°28	S 17
M18	10 3 57	2°51'41	11♈28	13°50	13°10	17° 2	15°35	4°17	17° 2	15° 4	24°45	11°55	11°51	27°25	27°27	M18
T 19	10 7 54	3°51'28	24°11	15°44	14°20	17°40	15°38	4°16	16°59	15° 6	24°44	11°47	11°47	27°32	27°26	T 19
W20	10 11 50	4°51'14	7♉ 7	17°37	15°30	18°19	15°40	4°14	16°57	15° 8	24°43	11°42	11°44	27°38	27°26	W20
T 21	10 15 47	5°50'57	20°17	19°27	16°40	18°58	15°43	4°13	16°54	15°10	24°42	11°40	11°41	27°45	27°25	T 21
F 22	10 19 44	6°50'38	3♊44	21°15	17°50	19°37	15°46	4°12	16°52	15°12	24°41	11°39	11°38	27°52	27°25	F 22
S 23	10 23 40	7°50'16	17°29	23° 1	18°59	20°16	15°49	4°12	16°49	15°15	24°40	11°39	11°35	27°58	27°24	S 23
S 24	10 27 37	8°49'52	1♋35	24°42	20° 8	20°54	15°53	4°11	16°46	15°17	24°39	11°38	11°32	28° 5	27°24	S 24
M25	10 31 33	9°49'26	16° 1	26°20	21°17	21°33	15°56	4°10	16°44	15°19	24°38	11°35	11°28	28°12	27°23	M25
T 26	10 35 30	10°48'57	0♌44	27°54	22°26	22°12	16° 0	4°10	16°41	15°22	24°37	11°30	11°25	28°18	27°23	T 26
W27	10 39 26	11°48'26	15°40	29°23	23°35	22°50	16° 4	4° 9	16°39	15°24	24°36	11°22	11°22	28°25	27°23	W27
T 28	10 43 23	12♓47'53	0♍39	0♈47	24♈44	23♐29	16♊ 8	4♋ 9	16♍36	15♓26	24♋35	11♐11	11♐19	28♑32	27°D23	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	16s12	4n 9	5s 2	19s26	2s 3	3s17	0s34	21s 7	0n20	22n44	0s 4	23n21	0s10	5n38	0n48	7s25	1s22	28n 8	6n59	22s37	22s29	17s45	16n18	7s18	F 1
S 2	15 54	1s29	5 1	18 53	2 2	2 46	0 31	21 15	0 19	22 44	0 4	23 21	0 9	5 39	0 48	7 24	1 22	28 8	6 59	22 36	22 29	17 43	16 18	7 17	S 2
S 3	15 35	6 53	4 40	18 19	2 0	2 14	0 27	21 22	0 18	22 44	0 4	23 22	0 9	5 40	0 48	7 23	1 22	28 8	6 59	22 35	22 28	17 41	16 18	7 17	S 3
M 4	15 17	11 45	4 4	17 44	1 57	1 43	0 24	21 30	0 18	22 44	0 3	23 22	0 9	5 41	0 48	7 22	1 22	28 8	6 59	22 35	22 28	17 39	16 18	7 17	M 4
T 5	14 58	15 51	3 16	17 6	1 54	1 11	0 21	21 37	0 17	22 44	0 3	23 22	0 9	5 42	0 48	7 22	1 21	28 9	6 59	22 34	22 27	17 37	16 19	7 16	T 5
W 6	14 38	19 5	2 19	16 27	1 51	0 39	0 17	21 44	0 16	22 44	0 3	23 22	0 9	5 43	0 48	7 21	1 21	28 9	6 59	22 34	22 27	17 35	16 19	7 16	W 6
T 7	14 19	21 18	1 17	15 46	1 47	0 7	0 14	21 50	0 15	22 45	0 3	23 23	0 9	5 43	0 48	7 20	1 21	28 9	6 59	22 34	22 27	17 33	16 19	7 16	T 7
F 8	13 59	22 28	0 13	15 4	1 42	0n24	0 10	21 57	0 14	22 45	0 3	23 23	0 9	5 44	0 48	7 19	1 21	28 9	6 59	22 34	22 26	17 32	16 20	7 15	F 8
S 9	13 39	22 34	0n51	14 20	1 37	0 56	0 7	22 4	0 13	22 45	0 3	23 23	0 9	5 45	0 48	7 18	1 21	28 10	6 59	22 34	22 26	17 30	16 20	7 15	S 9
S 10	13 19	21 40	1 51	13 35	1 32	1 28	0 3	22 10	0 12	22 45	0 3	23 23	0 9	5 46	0 48	7 17	1 21	28 10	6 59	22 34	22 25	17 28	16 20	7 15	S 10
M11	12 59	19 48	2 47	12 48	1 25	1 59	0n 1	22 16	0 11	22 45	0 2	23 23	0 8	5 47	0 48	7 17	1 21	28 10	6 59	22 33	22 25	17 26	16 21	7 14	M11
T 12	12 38	17 7	3 35	11 59	1 18	2 31	0 4	22 22	0 10	22 46	0 2	23 24	0 8	5 48	0 48	7 16	1 21	28 10	6 59	22 32	22 24	17 24	16 21	7 14	T 12
W13	12 18	13 43	4 14	11 10	1 11	3 3	0 8	22 28	0 9	22 46	0 2	23 24	0 8	5 49	0 48	7 15	1 21	28 10	6 59	22 31	22 24	17 22	16 21	7 14	W13
T 14	11 57	9 45	4 42	10 19	1 3	3 34	0 12	22 33	0 8	22 46	0 2	23 24	0 8	5 50	0 48	7 14	1 21	28 11	6 59	22 29	22 24	17 20	16 22	7 13	T 14
F 15	11 36	5 22	4 57	9 27	0 54	4 5	0 15	22 39	0 7	22 47	0 2	23 24	0 8	5 51	0 48	7 13	1 21	28 11	6 59	22 27	22 23	17 18	16 22	7 13	F 15
S 16	11 14	0 45	4 59	8 34	0 44	4 37	0 19	22 44	0 6	22 47	0 2	23 24	0 8	5 52	0 48	7 12	1 21	28 11	6 59	22 26	22 23	17 17	16 23	7 12	S 16
S 17	10 53	3n58	4 48	7 40	0 34	5 8	0 23	22 49	0 5	22 47	0 2	23 24	0 8	5 53	0 48	7 11	1 21	28 11	6 59	22 24	22 22	17 15	16 23	7 12	S 17
M18	10 31	8 35	4 22	6 46	0 24	5 39	0 27	22 54	0 4	22 48	0 2	23 25	0 8	5 54	0 48	7 11	1 21	28 11	6 59	22 22	22 22	17 13	16 23	7 12	M18
T 19	10 10	12 53	3 43	5 52	0 13	6 10	0 31	22 59	0 3	22 48	0 1	23 25	0 7	5 55	0 48	7 10	1 21	28 11	6 59	22 21	22 21	17 11	16 24	7 11	T 19
W20	9 48	16 41	2 52	4 57	0 1	6 41	0 35	23 4	0 2	22 48	0 1	23 25	0 7	5 56	0 48	7 9	1 21	28 11	6 59	22 21	22 21	17 9	16 24	7 11	W20
T 21	9 26	19 43	1 50	4 3	0n10	7 12	0 39	23 8	0 1	22 49	0 1	23 25	0 7	5 57	0 48	7 8	1 21	28 12	6 59	22 20	22 21	17 7	16 25	7 10	T 21
F 22	9 4	21 44	0 42	3 9	0 23	7 42	0 43	23 12	0s 0	22 49	0 1	23 25	0 7	5 58	0 48	7 7	1 21	28 12	6 59	22 20	22 20	17 5	16 25	7 10	F 22
S 23	8 41	22 30	0s31	2 15	0 35	8 12	0 47	23 16	0 2	22 50	0 1	23 25	0 7	5 59	0 48	7 6	1 21	28 12	6 59	22 20	22 20	17 3	16 25	7 10	S 23
S 24	8 19	21 52	1 43	1 23	0 48	8 43	0 51	23 20	0 3	22 50	0 1	23 25	0 7	6 0	0 48	7 5	1 21	28 12	6 59	22 20	22 19	17 1	16 26	7 9	S 24
M25	7 56	19 49	2 51	0 32	1 1	9 13	0 55	23 24	0 4	22 51	0 1	23 26	0 7	6 1	0 48	7 4	1 21	28 12	6 59	22 20	22 19	16 59	16 26	7 9	M25
T 26	7 34	16 25	3 48	0n17	1 14	9 42	0 59	23 27	0 5	22 51	0 1	23 26	0 7	6 2	0 48	7 4	1 21	28 12	6 58	22 19	22 18	16 58	16 27	7 8	T 26
W27	7 11	11 56	4 31	1 5	1 27	10 12	1 3	23 31	0 6	22 52	0 0	23 26	0 7	6 3	0 48	7 3	1 21	28 12	6 58	22 18	22 18	16 56	16 27	7 8	W27
T 28	6s48	6n43	4s55	1n50	1n40	10n41	1n 7	23s34	0s 7	22n52	0s 0	23n26	0s 6	6n 4	0n48	7s 2	1s21	28n12	6n58	22s16	22s18	16s54	16n27	7s 7	T 28

Julian Day Number = 1980051.5, Delta T = 59m26s
Ecliptic obliquity = 23°36'19, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'33, Lahiri = 5°52'33 Julian Calendar 1 Feb. 709 == Greg. Calendar 5 Feb. 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

MARCH 709 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 47 19	13♓47'17	15♍33	2♈ 5	25♈52	24♐ 8	16♊12	4°R 9	16°R34	15♓28	24°R34	11°R 0	11♐16	28♉38	27♊23	F 1
S 2	10 51 16	14°46'40	0♎12	3°17	27° 1	24°46	16°17	4♋ 8	16♍31	15°31	24♋34	10♐48	11°13	28°45	27°23	S 2
S 3	10 55 13	15°46'00	14°29	4°23	28° 9	25°25	16°21	4°D 8	16°28	15°33	24°33	10°38	11° 9	28°52	27°23	S 3
M 4	10 59 9	16°45'18	28°20	5°22	29°17	26° 3	16°26	4° 9	16°26	15°35	24°32	10°30	11° 6	28°58	27°24	M 4
T 5	11 3 6	17°44'35	11♏42	6°15	0♉25	26°42	16°31	4° 9	16°23	15°37	24°31	10°25	11° 3	29° 5	27°24	T 5
W 6	11 7 2	18°43'49	24°37	7° 1	1°32	27°20	16°36	4° 9	16°21	15°40	24°31	10°23	11° 0	29°12	27°24	W 6
T 7	11 10 59	19°43'02	7♐ 9	7°39	2°40	27°59	16°42	4°10	16°18	15°42	24°30	10°D22	10°57	29°18	27°25	T 7
F 8	11 14 55	20°42'13	19°22	8°10	3°47	28°37	16°47	4°10	16°15	15°44	24°29	10°R22	10°53	29°25	27°25	F 8
S 9	11 18 52	21°41'23	1♑21	8°34	4°54	29°16	16°53	4°11	16°13	15°46	24°29	10°22	10°50	29°32	27°26	S 9
S 10	11 22 48	22°40'30	13°13	8°51	6° 1	29°54	16°58	4°11	16°10	15°49	24°28	10°20	10°47	29°39	27°27	S 10
M11	11 26 45	23°39'36	25° 1	9° 0	7° 7	0♑32	17° 4	4°12	16° 8	15°51	24°27	10°16	10°44	29°45	27°28	M11
T 12	11 30 42	24°38'39	6♒52	9°R 3	8°14	1°11	17°10	4°13	16° 5	15°53	24°27	10° 9	10°41	29°52	27°29	T 12
W13	11 34 38	25°37'41	18°47	8°58	9°20	1°49	17°17	4°14	16° 2	15°56	24°26	10° 0	10°38	29°59	27°30	W13
T 14	11 38 35	26°36'40	0♓52	8°47	10°26	2°27	17°23	4°16	16° 0	15°58	24°26	9°49	10°34	0♒ 5	27°31	T 14
F 15	11 42 31	27°35'38	13° 7	8°30	11°32	3° 5	17°30	4°17	15°57	16° 0	24°25	9°36	10°31	0°12	27°32	F 15
S 16	11 46 28	28°34'34	25°34	8° 7	12°37	3°43	17°36	4°18	15°55	16° 2	24°25	9°23	10°28	0°19	27°33	S 16
S 17	11 50 24	29°33'27	8♈12	7°38	13°43	4°21	17°43	4°20	15°52	16° 4	24°24	9°11	10°25	0°25	27°34	S 17
M18	11 54 21	0♈32'19	21° 2	7° 5	14°48	4°59	17°50	4°22	15°50	16° 7	24°24	9° 1	10°22	0°32	27°36	M18
T 19	11 58 17	1°31'08	4♉ 4	6°28	15°53	5°37	17°57	4°23	15°47	16° 9	24°23	8°54	10°18	0°39	27°37	T 19
W20	12 2 14	2°29'56	17°17	5°48	16°57	6°15	18° 4	4°25	15°45	16°11	24°23	8°49	10°15	0°45	27°39	W20
T 21	12 6 10	3°28'41	0♊41	5° 6	18° 2	6°53	18°12	4°27	15°43	16°13	24°22	8°47	10°12	0°52	27°40	T 21
F 22	12 10 7	4°27'23	14°17	4°22	19° 6	7°31	18°19	4°29	15°40	16°15	24°22	8°D47	10° 9	0°59	27°42	F 22
S 23	12 14 4	5°26'04	28° 5	3°38	20° 9	8° 9	18°27	4°31	15°38	16°18	24°22	8°48	10° 6	1° 6	27°44	S 23
S 24	12 18 0	6°24'42	12♋ 5	2°53	21°13	8°46	18°35	4°34	15°35	16°20	24°22	8°R48	10° 3	1°12	27°45	S 24
M25	12 21 57	7°23'18	26°18	2°10	22°16	9°24	18°43	4°36	15°33	16°22	24°21	8°46	9°59	1°19	27°47	M25
T 26	12 25 53	8°21'51	10♌42	1°28	23°19	10° 2	18°51	4°39	15°31	16°24	24°21	8°43	9°56	1°26	27°49	T 26
W27	12 29 50	9°20'23	25°13	0°49	24°22	10°39	18°59	4°41	15°28	16°26	24°21	8°37	9°53	1°32	27°51	W27
T 28	12 33 46	10°18'52	9♍46	0°13	25°24	11°16	19° 7	4°44	15°26	16°28	24°21	8°29	9°50	1°39	27°54	T 28
F 29	12 37 43	11°17'18	24°15	29♓40	26°26	11°54	19°16	4°47	15°24	16°30	24°20	8°20	9°47	1°46	27°56	F 29
S 30	12 41 39	12°15'43	8♎34	29°12	27°27	12°31	19°24	4°49	15°22	16°33	24°20	8°11	9°44	1°52	27°58	S 30
S 31	12 45 36	13♈14'06	22♎36	28♓48	28♉29	13♑ 8	19♊33	4♋52	15♍19	16♓35	24♋20	8♐ 3	9♐40	1♒59	28♊ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s25	1n 8	4s59	2n33	1n52	11n10	1n11	23s37	0s 9	22n53	0s 0	23n26	0s 6	6n 5	0n48	7s 1	1s21	28n13	6n58	22s15	22s17	16s52	16n28	7s 7
S 2	6 2	4s24	4 44	3 13	2 4	11 39	1 15	23 40	0 10	22 54	0 0	23 26	0 6	6 6	0 48	7 0	1 21	28 13	6 58	22 13	22 17	16 50	16 28	7 7
S 3	5 39	9 35	4 10	3 50	2 16	12 8	1 20	23 43	0 11	22 54	0n 0	23 26	0 6	6 7	0 48	6 59	1 21	28 13	6 58	22 12	22 16	16 48	16 29	7 6
M 4	5 16	14 6	3 23	4 24	2 27	12 36	1 24	23 45	0 12	22 55	0 0	23 26	0 6	6 8	0 48	6 58	1 21	28 13	6 58	22 11	22 16	16 46	16 29	7 6
T 5	4 53	17 45	2 25	4 54	2 37	13 4	1 28	23 48	0 14	22 55	0 0	23 27	0 6	6 9	0 48	6 57	1 21	28 13	6 58	22 10	22 15	16 44	16 30	7 5
W 6	4 29	20 23	1 22	5 21	2 47	13 31	1 32	23 50	0 15	22 56	0 0	23 27	0 6	6 10	0 48	6 56	1 21	28 13	6 58	22 10	22 15	16 42	16 30	7 5
T 7	4 6	21 56	0 17	5 45	2 56	13 59	1 36	23 52	0 16	22 57	0 1	23 27	0 6	6 11	0 48	6 56	1 21	28 13	6 58	22 9	22 14	16 40	16 30	7 4
F 8	3 43	22 23	0n48	6 4	3 3	14 26	1 40	23 54	0 18	22 57	0 1	23 27	0 5	6 12	0 48	6 55	1 21	28 13	6 58	22 9	22 14	16 38	16 31	7 4
S 9	3 19	21 47	1 49	6 20	3 10	14 53	1 44	23 55	0 19	22 58	0 1	23 27	0 5	6 13	0 48	6 54	1 21	28 13	6 58	22 9	22 14	16 36	16 31	7 4
S 10	2 56	20 13	2 45	6 31	3 15	15 19	1 48	23 57	0 20	22 59	0 1	23 27	0 5	6 14	0 48	6 53	1 21	28 13	6 58	22 9	22 13	16 34	16 32	7 3
M11	2 32	17 47	3 33	6 39	3 20	15 45	1 52	23 58	0 22	22 59	0 1	23 27	0 5	6 15	0 48	6 52	1 22	28 13	6 57	22 9	22 13	16 32	16 32	7 3
T 12	2 9	14 37	4 13	6 42	3 22	16 11	1 56	23 59	0 23	23 0	0 1	23 27	0 5	6 16	0 48	6 51	1 22	28 13	6 57	22 8	22 12	16 30	16 33	7 2
W13	1 45	10 50	4 41	6 42	3 24	16 36	2 0	24 0	0 25	23 1	0 1	23 27	0 5	6 17	0 48	6 50	1 22	28 13	6 57	22 6	22 12	16 29	16 33	7 2
T 14	1 21	6 36	4 58	6 37	3 23	17 1	2 4	24 1	0 26	23 2	0 1	23 27	0 5	6 18	0 48	6 49	1 22	28 13	6 57	22 5	22 11	16 27	16 34	7 1
F 15	0 58	2 3	5 1	6 29	3 22	17 25	2 8	24 2	0 27	23 2	0 2	23 27	0 5	6 19	0 48	6 49	1 22	28 13	6 57	22 3	22 11	16 25	16 34	7 1
S 16	0 34	2n39	4 49	6 16	3 18	17 49	2 12	24 2	0 29	23 3	0 2	23 27	0 5	6 20	0 48	6 48	1 22	28 13	6 57	22 1	22 10	16 23	16 35	7 0
S 17	0 11	7 19	4 24	6 0	3 13	18 13	2 16	24 2	0 30	23 4	0 2	23 28	0 5	6 21	0 48	6 47	1 22	28 13	6 57	21 59	22 10	16 21	16 35	7 0
M18	0n13	11 44	3 45	5 41	3 7	18 36	2 20	24 3	0 32	23 4	0 2	23 28	0 4	6 22	0 48	6 46	1 22	28 13	6 57	21 57	22 9	16 19	16 35	7 0
T 19	0 37	15 41	2 53	5 19	2 59	18 59	2 23	24 3	0 33	23 5	0 2	23 28	0 4	6 23	0 48	6 45	1 22	28 13	6 57	21 56	22 9	16 17	16 36	6 59
W20	1 0	18 54	1 52	4 54	2 49	19 22	2 27	24 2	0 35	23 6	0 2	23 28	0 4	6 24	0 48	6 44	1 22	28 13	6 57	21 55	22 8	16 15	16 36	6 59
T 21	1 24	21 8	0 43	4 27	2 38	19 44	2 31	24 2	0 37	23 7	0 2	23 28	0 4	6 25	0 48	6 44	1 22	28 13	6 56	21 55	22 8	16 13	16 37	6 58
F 22	1 47	22 11	0s29	3 58	2 26	20 5	2 34	24 2	0 38	23 8	0 2	23 28	0 4	6 26	0 48	6 43	1 22	28 13	6 56	21 55	22 8	16 11	16 37	6 58
S 23	2 10	21 54	1 41	3 28	2 12	20 26	2 38	24 1	0 40	23 8	0 2	23 28	0 4	6 27	0 48	6 42	1 22	28 13	6 56	21 55	22 7	16 9	16 38	6 57
S 24	2 34	20 16	2 48	2 57	1 58	20 47	2 41	24 0	0 41	23 9	0 2	23 28	0 4	6 27	0 48	6 41	1 22	28 13	6 56	21 55	22 7	16 7	16 38	6 57
M25	2 57	17 21	3 45	2 26	1 43	21 7	2 45	23 59	0 43	23 10	0 3	23 28	0 4	6 28	0 48	6 40	1 22	28 13	6 56	21 55	22 6	16 5	16 39	6 57
T 26	3 20	13 21	4 29	1 55	1 27	21 27	2 48	23 58	0 45	23 11	0 3	23 28	0 4	6 29	0 48	6 39	1 22	28 13	6 56	21 54	22 6	16 3	16 39	6 56
W27	3 44	8 33	4 56	1 24	1 11	21 46	2 52	23 57	0 46	23 11	0 3	23 28	0 3	6 30	0 48	6 39	1 22	28 13	6 56	21 53	22 5	16 1	16 39	6 56
T 28	4 7	3 16	5 4	0 55	0 54	22 4	2 55	23 55	0 48	23 12	0 3	23 28	0 3	6 31	0 48	6 38	1 22	28 13	6 56	21 52	22 5	15 59	16 40	6 55
F 29	4 30	2s11	4 53	0 26	0 37	22 22	2 58	23 54	0 50	23 13	0 3	23 28	0 3	6 32	0 48	6 37	1 22	28 12	6 56	21 51	22 4	15 57	16 40	6 55
S 30	4 53	7 27	4 23	0s 0	0 21	22 40	3 1	23 52	0 52	23 14	0 3	23 28	0 3	6 33	0 48	6 36	1 22	28 12	6 55	21 49	22 4	15 55	16 41	6 55
S 31	5n16	12s13	3s38	0s25	0n 5	22n57	3n 4	23s50	0s53	23n15	0n 3	23n28	0s 3	6n34	0n48	6s35	1s22	28n12	6n55	21s48	22s 3	15s53	16n41	6s54

Julian Day Number = 1980079.5, Delta T = 59m25s
Ecliptic obliquity = 23°36'19, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'37, Lahiri = 5°52'37 Julian Calendar 1 March 709 == Greg. Calendar 5 March 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

APRIL 709 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 49 33	14♈12'27	6♏16	28°R28	29♉30	13♊46	19♊42	4♋56	15°R17	16♓37	24°R20	7°R57	9♐37	2♒ 6	28♊ 3	M 1
T 2	12 53 29	15°10'46	19°34	28♓13	0♊30	14°23	19°51	4°59	15♍15	16°39	24♋20	7♐53	9°34	2°12	28° 5	T 2
W 3	12 57 26	16° 9'04	2♐28	28° 3	1°30	15° 0	20° 0	5° 2	15°13	16°41	24°D20	7°D51	9°31	2°19	28° 8	W 3
T 4	13 1 22	17° 7'20	15° 1	27°58	2°30	15°37	20° 9	5° 5	15°11	16°43	24°20	7°51	9°28	2°26	28°10	T 4
F 5	13 5 19	18° 5'34	27°17	27°D58	3°29	16°14	20°18	5° 9	15° 9	16°45	24°20	7°52	9°24	2°33	28°13	F 5
S 6	13 9 15	19° 3'47	9♊19	28° 3	4°28	16°50	20°27	5°12	15° 7	16°47	24°20	7°54	9°21	2°39	28°16	S 6
S 7	13 13 12	20° 1'59	21°13	28°13	5°27	17°27	20°37	5°16	15° 5	16°49	24°20	7°R54	9°18	2°46	28°19	S 7
M 8	13 17 8	21° 0'08	3♒ 4	28°27	6°25	18° 4	20°46	5°20	15° 3	16°51	24°20	7°53	9°15	2°53	28°21	M 8
T 9	13 21 5	21°58'16	14°57	28°46	7°22	18°40	20°56	5°24	15° 1	16°53	24°21	7°50	9°12	2°59	28°24	T 9
W10	13 25 2	22°56'23	26°56	29°10	8°20	19°17	21° 6	5°27	14°59	16°55	24°21	7°46	9° 9	3° 6	28°27	W10
T 11	13 28 58	23°54'28	9♓ 6	29°38	9°16	19°53	21°16	5°31	14°57	16°57	24°21	7°40	9° 5	3°13	28°30	T 11
F 12	13 32 55	24°52'32	21°28	0♈ 9	10°12	20°29	21°26	5°36	14°55	16°58	24°21	7°32	9° 2	3°19	28°34	F 12
S 13	13 36 51	25°50'34	4♈ 6	0°45	11° 8	21° 6	21°36	5°40	14°54	17° 0	24°21	7°25	8°59	3°26	28°37	S 13
S 14	13 40 48	26°48'34	17° 0	1°25	12° 3	21°42	21°46	5°44	14°52	17° 2	24°22	7°18	8°56	3°33	28°40	S 14
M15	13 44 44	27°46'33	0♉10	2° 9	12°58	22°18	21°56	5°48	14°50	17° 4	24°22	7°12	8°53	3°40	28°43	M15
T 16	13 48 41	28°44'30	13°34	2°56	13°52	22°53	22° 6	5°53	14°49	17° 6	24°22	7° 8	8°49	3°46	28°47	T 16
W17	13 52 37	29°42'26	27°10	3°47	14°45	23°29	22°17	5°57	14°47	17° 8	24°23	7° 6	8°46	3°53	28°50	W17
T 18	13 56 34	0♉40'20	10♊58	4°40	15°38	24° 5	22°27	6° 2	14°45	17° 9	24°23	7°D 6	8°43	4° 0	28°54	T 18
F 19	14 0 30	1°38'12	24°54	5°37	16°30	24°40	22°38	6° 7	14°44	17°11	24°24	7° 7	8°40	4° 6	28°57	F 19
S 20	14 4 27	2°36'03	8♋56	6°38	17°22	25°15	22°49	6°11	14°42	17°13	24°24	7° 8	8°37	4°13	29° 1	S 20
S 21	14 8 24	3°33'51	23° 4	7°41	18°13	25°51	23° 0	6°16	14°41	17°15	24°24	7° 9	8°34	4°20	29° 5	S 21
M22	14 12 20	4°31'38	7♌15	8°47	19° 3	26°26	23°11	6°21	14°40	17°16	24°25	7°R10	8°30	4°26	29° 8	M22
T 23	14 16 17	5°29'23	21°28	9°55	19°52	27° 1	23°21	6°26	14°38	17°18	24°26	7° 9	8°27	4°33	29°12	T 23
W24	14 20 13	6°27'06	5♍41	11° 7	20°41	27°36	23°33	6°31	14°37	17°20	24°26	7° 6	8°24	4°40	29°16	W24
T 25	14 24 10	7°24'47	19°49	12°21	21°29	28°10	23°44	6°36	14°36	17°21	24°27	7° 3	8°21	4°47	29°20	T 25
F 26	14 28 6	8°22'27	3♎50	13°38	22°16	28°45	23°55	6°42	14°34	17°23	24°27	6°59	8°18	4°53	29°24	F 26
S 27	14 32 3	9°20'05	17°41	14°57	23° 2	29°19	24° 6	6°47	14°33	17°24	24°28	6°55	8°15	5° 0	29°28	S 27
S 28	14 35 59	10°17'42	1♏18	16°19	23°47	29°53	24°17	6°52	14°32	17°26	24°28	6°51	8°11	5° 7	29°32	S 28
M29	14 39 56	11°15'18	14°38	17°43	24°31	0♒27	24°29	6°58	14°31	17°27	24°29	6°48	8° 8	5°13	29°36	M29
T 30	14 43 53	12♉12'52	27♏41	19♈10	25♊15	1♒ 1	24♊40	7♋ 3	14♍30	17♓29	24♋30	6♐47	8♐ 5	5♒20	29♊40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n38	16s14	2s41	0s47	0s11	23n14	3n 7	23s48	0s55	23n15	0n 3	23n28	0s 3	6n34	0n48	6s35	1s22	28n12	6n55	21s47	22s 3	15s51	16n42	6s54
T 2	6 1	19 18	1 37	1 8	0 27	23 30	3 10	23 46	0 57	23 16	0 3	23 28	0 3	6 35	0 48	6 34	1 22	28 12	6 55	21 47	22 2	15 49	16 42	6 53
W 3	6 24	21 16	0 29	1 25	0 42	23 45	3 13	23 44	0 59	23 17	0 4	23 28	0 3	6 36	0 48	6 33	1 22	28 12	6 55	21 46	22 2	15 47	16 43	6 53
T 4	6 46	22 7	0n39	1 40	0 56	24 0	3 16	23 41	1 0	23 18	0 4	23 28	0 3	6 37	0 48	6 32	1 22	28 12	6 55	21 46	22 1	15 45	16 43	6 53
F 5	7 9	21 52	1 43	1 53	1 10	24 14	3 18	23 39	1 2	23 19	0 4	23 28	0 3	6 38	0 48	6 32	1 22	28 12	6 55	21 46	22 1	15 43	16 43	6 52
S 6	7 31	20 36	2 41	2 3	1 23	24 28	3 21	23 36	1 4	23 19	0 4	23 28	0 2	6 38	0 48	6 31	1 22	28 12	6 55	21 47	22 0	15 41	16 44	6 52
S 7	7 53	18 25	3 32	2 10	1 35	24 41	3 23	23 33	1 6	23 20	0 4	23 28	0 2	6 39	0 48	6 30	1 22	28 11	6 54	21 47	22 0	15 39	16 44	6 51
M 8	8 15	15 29	4 14	2 15	1 47	24 54	3 25	23 30	1 8	23 21	0 4	23 28	0 2	6 40	0 48	6 29	1 22	28 11	6 54	21 47	21 59	15 37	16 45	6 51
T 9	8 37	11 56	4 45	2 17	1 58	25 6	3 27	23 27	1 10	23 22	0 4	23 28	0 2	6 41	0 48	6 29	1 22	28 11	6 54	21 46	21 59	15 35	16 45	6 51
W10	8 59	7 52	5 3	2 17	2 8	25 18	3 30	23 24	1 12	23 22	0 4	23 28	0 2	6 41	0 48	6 28	1 22	28 11	6 54	21 45	21 58	15 33	16 45	6 50
T 11	9 20	3 27	5 8	2 14	2 17	25 29	3 31	23 20	1 14	23 23	0 4	23 27	0 2	6 42	0 48	6 27	1 22	28 11	6 54	21 44	21 58	15 31	16 46	6 50
F 12	9 42	1n11	5 0	2 9	2 25	25 39	3 33	23 17	1 16	23 24	0 4	23 27	0 2	6 43	0 48	6 26	1 22	28 11	6 54	21 43	21 57	15 29	16 46	6 50
S 13	10 3	5 52	4 36	2 1	2 32	25 49	3 35	23 13	1 18	23 25	0 5	23 27	0 2	6 43	0 48	6 26	1 22	28 11	6 54	21 42	21 57	15 27	16 47	6 49
S 14	10 24	10 23	3 58	1 52	2 39	25 58	3 36	23 10	1 20	23 25	0 5	23 27	0 2	6 44	0 48	6 25	1 22	28 10	6 54	21 41	21 56	15 25	16 47	6 49
M15	10 45	14 31	3 7	1 40	2 45	26 7	3 38	23 6	1 22	23 26	0 5	23 27	0 2	6 45	0 48	6 24	1 22	28 10	6 54	21 40	21 56	15 23	16 47	6 49
T 16	11 6	18 0	2 4	1 25	2 50	26 15	3 39	23 2	1 24	23 27	0 5	23 27	0 1	6 45	0 48	6 24	1 22	28 10	6 53	21 39	21 56	15 21	16 48	6 48
W17	11 27	20 32	0 54	1 9	2 54	26 22	3 40	22 58	1 26	23 28	0 5	23 27	0 1	6 46	0 47	6 23	1 22	28 10	6 53	21 39	21 55	15 19	16 48	6 48
T 18	11 47	21 54	0s21	0 51	2 58	26 29	3 41	22 54	1 29	23 28	0 5	23 27	0 1	6 46	0 47	6 22	1 23	28 10	6 53	21 39	21 55	15 17	16 48	6 48
F 19	12 7	21 55	1 36	0 31	3 1	26 36	3 42	22 50	1 31	23 29	0 5	23 27	0 1	6 47	0 47	6 22	1 23	28 9	6 53	21 39	21 54	15 14	16 49	6 47
S 20	12 28	20 34	2 45	0 9	3 3	26 42	3 43	22 45	1 33	23 30	0 5	23 27	0 1	6 47	0 47	6 21	1 23	28 9	6 53	21 39	21 54	15 12	16 49	6 47
S 21	12 47	17 55	3 45	0n15	3 5	26 47	3 43	22 41	1 35	23 30	0 5	23 26	0 1	6 48	0 47	6 20	1 23	28 9	6 53	21 39	21 53	15 10	16 49	6 47
M22	13 7	14 13	4 31	0 40	3 5	26 52	3 44	22 36	1 38	23 31	0 5	23 26	0 1	6 48	0 47	6 20	1 23	28 9	6 53	21 39	21 53	15 8	16 50	6 46
T 23	13 27	9 42	5 1	1 7	3 5	26 56	3 44	22 32	1 40	23 32	0 5	23 26	0 1	6 49	0 47	6 19	1 23	28 9	6 53	21 39	21 52	15 6	16 50	6 46
W24	13 46	4 39	5 12	1 36	3 5	27 0	3 44	22 27	1 42	23 32	0 6	23 26	0 1	6 49	0 47	6 18	1 23	28 8	6 52	21 39	21 52	15 4	16 50	6 46
T 25	14 5	0s36	5 5	2 6	3 3	27 3	3 43	22 23	1 44	23 33	0 6	23 26	0 1	6 50	0 47	6 18	1 23	28 8	6 52	21 38	21 51	15 2	16 51	6 45
F 26	14 24	5 48	4 39	2 38	3 2	27 5	3 43	22 18	1 47	23 34	0 6	23 26	0 0	6 50	0 47	6 17	1 23	28 8	6 52	21 38	21 50	15 0	16 51	6 45
S 27	14 42	10 38	3 57	3 11	2 59	27 7	3 42	22 13	1 49	23 34	0 6	23 25	0 0	6 51	0 47	6 17	1 23	28 8	6 52	21 37	21 50	14 58	16 51	6 45
S 28	15 1	14 51	3 2	3 45	2 56	27 9	3 42	22 8	1 52	23 35	0 6	23 25	0 0	6 51	0 47	6 16	1 23	28 8	6 52	21 36	21 49	14 56	16 52	6 45
M29	15 19	18 14	1 59	4 21	2 52	27 10	3 41	22 3	1 54	23 35	0 6	23 25	0 0	6 52	0 47	6 16	1 23	28 7	6 52	21 36	21 49	14 54	16 52	6 44
T 30	15n36	20s35	0s50	4n58	2s48	27n10	3n39	21s58	1s56	23n36	0n 6	23n25	0s 0	6n52	0n47	6s15	1s23	28n 7	6n52	21s36	21s48	14s52	16n52	6s44

Julian Day Number = 1980110.5, Delta T = 59m25s
Ecliptic obliquity = 23°36'19, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'41, Lahiri = 5°52'41 Julian Calendar 1 Apr. 709 == Greg. Calendar 5 Apr. 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

MAY 709 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 47 49	13♉10'25	10♐26	20♈39	25♊57	1♒35	24♊52	7♋ 9	14°R29	17♓30	24♋31	6°D47	8♐ 2	5♒27	29♊44	W 1
T 2	14 51 46	14° 7'57	22°55	22°11	26°39	2° 9	25° 4	7°14	14♍28	17°32	24°31	6♐47	7°59	5°33	29°49	T 2
F 3	14 55 42	15° 5'28	5♑ 9	23°45	27°19	2°42	25°15	7°20	14°27	17°33	24°32	6°49	7°55	5°40	29°53	F 3
S 4	14 59 39	16° 2'58	17°11	25°21	27°58	3°15	25°27	7°26	14°27	17°35	24°33	6°50	7°52	5°47	29°57	S 4
S 5	15 3 35	17° 0'27	29° 6	27° 0	28°36	3°49	25°39	7°32	14°26	17°36	24°34	6°52	7°49	5°54	0♋ 2	S 5
M 6	15 7 32	17°57'56	10♒58	28°41	29°13	4°21	25°51	7°38	14°25	17°37	24°35	6°53	7°46	6° 0	0° 6	M 6
T 7	15 11 28	18°55'23	22°52	0♉24	29°49	4°54	26° 3	7°44	14°24	17°39	24°35	6°R53	7°43	6° 7	0°11	T 7
W 8	15 15 25	19°52'49	4♓53	2°10	0♋23	5°27	26°15	7°50	14°24	17°40	24°36	6°52	7°40	6°14	0°15	W 8
T 9	15 19 22	20°50'15	17° 4	3°58	0°56	5°59	26°27	7°56	14°23	17°41	24°37	6°51	7°36	6°20	0°20	T 9
F 10	15 23 18	21°47'40	29°30	5°48	1°28	6°31	26°39	8° 2	14°23	17°43	24°38	6°49	7°33	6°27	0°24	F 10
S 11	15 27 15	22°45'04	12♈14	7°41	1°58	7° 3	26°51	8° 8	14°22	17°44	24°39	6°47	7°30	6°34	0°29	S 11
S 12	15 31 11	23°42'28	25°18	9°36	2°27	7°34	27° 3	8°14	14°22	17°45	24°40	6°45	7°27	6°40	0°34	S 12
M13	15 35 8	24°39'50	8♉42	11°33	2°54	8° 6	27°15	8°21	14°21	17°46	24°41	6°44	7°24	6°47	0°38	M13
T 14	15 39 4	25°37'12	22°26	13°32	3°19	8°37	27°28	8°27	14°21	17°47	24°42	6°43	7°21	6°54	0°43	T 14
W15	15 43 1	26°34'33	6♊26	15°33	3°43	9° 8	27°40	8°33	14°21	17°48	24°43	6°D43	7°17	7° 1	0°48	W15
T 16	15 46 57	27°31'54	20°40	17°36	4° 6	9°39	27°53	8°40	14°21	17°49	24°44	6°43	7°14	7° 7	0°53	T 16
F 17	15 50 54	28°29'13	5♋ 3	19°41	4°26	10° 9	28° 5	8°46	14°21	17°50	24°45	6°43	7°11	7°14	0°58	F 17
S 18	15 54 51	29°26'32	19°29	21°48	4°45	10°39	28°18	8°53	14°20	17°51	24°47	6°44	7° 8	7°21	1° 2	S 18
S 19	15 58 47	0♊23'49	3♌55	23°56	5° 2	11° 9	28°30	9° 0	14°D20	17°52	24°48	6°45	7° 5	7°27	1° 7	S 19
M20	16 2 44	1°21'05	18°16	26° 5	5°16	11°38	28°43	9° 6	14°20	17°53	24°49	6°45	7° 1	7°34	1°12	M20
T 21	16 6 40	2°18'21	2♍29	28°15	5°29	12° 8	28°55	9°13	14°20	17°54	24°50	6°R45	6°58	7°41	1°17	T 21
W22	16 10 37	3°15'35	16°32	0♊26	5°40	12°37	29° 8	9°20	14°21	17°55	24°51	6°45	6°55	7°47	1°22	W22
T 23	16 14 33	4°12'49	0♎24	2°38	5°48	13° 5	29°21	9°27	14°21	17°56	24°53	6°45	6°52	7°54	1°28	T 23
F 24	16 18 30	5°10'01	14° 2	4°50	5°55	13°34	29°34	9°33	14°21	17°57	24°54	6°45	6°49	8° 1	1°33	F 24
S 25	16 22 26	6° 7'13	27°27	7° 1	5°59	14° 2	29°47	9°40	14°21	17°58	24°55	6°44	6°46	8° 8	1°38	S 25
S 26	16 26 23	7° 4'24	10♏38	9°13	6°R 1	14°29	29°59	9°47	14°22	17°58	24°56	6°D44	6°42	8°14	1°43	S 26
M27	16 30 20	8° 1'35	23°35	11°23	6° 0	14°57	0♋12	9°54	14°22	17°59	24°58	6°45	6°39	8°21	1°48	M27
T 28	16 34 16	8°58'45	6♐19	13°33	5°57	15°24	0°25	10° 1	14°22	18° 0	24°59	6°R45	6°36	8°28	1°53	T 28
W29	16 38 13	9°55'55	18°50	15°42	5°52	15°51	0°38	10° 8	14°23	18° 0	25° 0	6°45	6°33	8°34	1°58	W29
T 30	16 42 9	10°53'04	1♑ 8	17°50	5°44	16°17	0°51	10°15	14°23	18° 1	25° 2	6°44	6°30	8°41	2° 4	T 30
F 31	16 46 6	11♊50'14	13♑16	19♊56	5♋34	16♒43	1♋ 4	10♋23	14♍24	18♓ 2	25♋ 3	6♐44	6♐27	8♒48	2♋ 9	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n54	21s50	0n20	5n36	2s43	27n10	3n38	21s53	1s59	23n37	0n 6	23n25	0n 0	6n52	0n47	6s15	1s23	28n 7	6n52	21s36	21s48	14s50	16n52	6s44
T 2	16 11	21 57	1 28	6 16	2 37	27 10	3 36	21 47	2 1	23 37	0 6	23 24	0 0	6 53	0 47	6 14	1 23	28 7	6 52	21 36	21 47	14 48	16 53	6 44
F 3	16 29	21 0	2 30	6 56	2 31	27 9	3 34	21 42	2 4	23 38	0 6	23 24	0 0	6 53	0 47	6 13	1 23	28 6	6 52	21 36	21 47	14 46	16 53	6 43
S 4	16 45	19 7	3 25	7 38	2 25	27 7	3 32	21 37	2 7	23 38	0 7	23 24	0 0	6 53	0 47	6 13	1 23	28 6	6 51	21 36	21 46	14 44	16 53	6 43
S 5	17 2	16 24	4 10	8 20	2 18	27 5	3 30	21 31	2 9	23 39	0 7	23 24	0 0	6 53	0 47	6 12	1 23	28 6	6 51	21 36	21 46	14 42	16 53	6 43
M 6	17 18	13 3	4 44	9 3	2 10	27 3	3 27	21 26	2 12	23 39	0 7	23 23	0 0	6 54	0 47	6 12	1 23	28 6	6 51	21 37	21 45	14 39	16 54	6 43
T 7	17 34	9 10	5 6	9 47	2 2	27 0	3 24	21 21	2 14	23 40	0 7	23 23	0 1	6 54	0 47	6 12	1 23	28 5	6 51	21 37	21 45	14 37	16 54	6 42
W 8	17 50	4 54	5 15	10 32	1 54	26 57	3 21	21 15	2 17	23 40	0 7	23 23	0 1	6 54	0 47	6 11	1 23	28 5	6 51	21 36	21 44	14 35	16 54	6 42
T 9	18 5	0 22	5 11	11 17	1 45	26 53	3 17	21 10	2 20	23 40	0 7	23 23	0 1	6 54	0 47	6 11	1 23	28 5	6 51	21 36	21 44	14 33	16 54	6 42
F 10	18 20	4n15	4 51	12 3	1 35	26 49	3 13	21 4	2 23	23 41	0 7	23 22	0 1	6 54	0 47	6 10	1 23	28 4	6 51	21 36	21 43	14 31	16 54	6 42
S 11	18 35	8 49	4 17	12 49	1 26	26 45	3 9	20 59	2 25	23 41	0 7	23 22	0 1	6 55	0 47	6 10	1 24	28 4	6 51	21 36	21 43	14 29	16 55	6 42
S 12	18 50	13 6	3 29	13 35	1 16	26 40	3 5	20 53	2 28	23 42	0 7	23 22	0 1	6 55	0 47	6 9	1 24	28 4	6 51	21 35	21 42	14 27	16 55	6 41
M13	19 4	16 51	2 29	14 22	1 6	26 34	3 0	20 48	2 31	23 42	0 7	23 22	0 1	6 55	0 46	6 9	1 24	28 4	6 51	21 35	21 42	14 25	16 55	6 41
T 14	19 18	19 46	1 18	15 8	0 55	26 28	2 55	20 42	2 34	23 42	0 7	23 21	0 1	6 55	0 46	6 9	1 24	28 3	6 50	21 35	21 41	14 23	16 55	6 41
W15	19 31	21 34	0 1	15 54	0 44	26 22	2 49	20 37	2 37	23 43	0 8	23 21	0 1	6 55	0 46	6 8	1 24	28 3	6 50	21 35	21 41	14 21	16 55	6 41
T 16	19 45	22 0	1s17	16 40	0 34	26 16	2 44	20 31	2 40	23 43	0 8	23 21	0 1	6 55	0 46	6 8	1 24	28 3	6 50	21 35	21 40	14 19	16 55	6 41
F 17	19 58	21 0	2 31	17 25	0 23	26 9	2 37	20 26	2 42	23 43	0 8	23 20	0 1	6 55	0 46	6 7	1 24	28 3	6 50	21 35	21 40	14 16	16 56	6 41
S 18	20 10	18 37	3 35	18 9	0 12	26 2	2 31	20 20	2 45	23 43	0 8	23 20	0 2	6 55	0 46	6 7	1 24	28 2	6 50	21 35	21 39	14 14	16 56	6 40
S 19	20 22	15 5	4 27	18 52	0 1	25 54	2 24	20 15	2 48	23 44	0 8	23 19	0 2	6 55	0 46	6 7	1 24	28 2	6 50	21 35	21 39	14 12	16 56	6 40
M20	20 34	10 41	5 1	19 34	0n10	25 46	2 17	20 9	2 51	23 44	0 8	23 19	0 2	6 55	0 46	6 6	1 24	28 2	6 50	21 35	21 38	14 10	16 56	6 40
T 21	20 46	5 45	5 16	20 14	0 20	25 38	2 9	20 4	2 55	23 44	0 8	23 19	0 2	6 55	0 46	6 6	1 24	28 1	6 50	21 35	21 37	14 8	16 56	6 40
W22	20 57	0 33	5 12	20 53	0 30	25 30	2 1	19 59	2 58	23 44	0 8	23 18	0 2	6 55	0 46	6 6	1 24	28 1	6 50	21 35	21 37	14 6	16 56	6 40
T 23	21 8	4s36	4 51	21 29	0 40	25 21	1 52	19 53	3 1	23 44	0 8	23 18	0 2	6 55	0 46	6 5	1 24	28 1	6 50	21 35	21 36	14 4	16 56	6 40
F 24	21 19	9 27	4 12	22 4	0 50	25 12	1 43	19 48	3 4	23 45	0 8	23 18	0 2	6 54	0 46	6 5	1 24	28 0	6 50	21 35	21 36	14 2	16 56	6 40
S 25	21 29	13 46	3 21	22 36	0 59	25 2	1 34	19 43	3 7	23 45	0 8	23 17	0 2	6 54	0 46	6 5	1 24	28 0	6 50	21 35	21 35	14 0	16 56	6 39
S 26	21 38	17 20	2 20	23 6	1 7	24 52	1 24	19 38	3 10	23 45	0 9	23 17	0 2	6 54	0 46	6 5	1 24	28 0	6 50	21 35	21 35	13 58	16 56	6 39
M27	21 48	19 58	1 12	23 33	1 15	24 42	1 14	19 32	3 13	23 45	0 9	23 16	0 2	6 54	0 46	6 4	1 24	27 59	6 49	21 35	21 34	13 55	16 56	6 39
T 28	21 57	21 33	0 2	23 57	1 23	24 32	1 4	19 27	3 17	23 45	0 9	23 16	0 2	6 54	0 46	6 4	1 24	27 59	6 49	21 35	21 34	13 53	16 56	6 39
W29	22 6	22 2	1n 7	24 19	1 29	24 21	0 53	19 22	3 20	23 45	0 9	23 15	0 3	6 54	0 46	6 4	1 24	27 59	6 49	21 35	21 33	13 51	16 56	6 39
T 30	22 14	21 25	2 11	24 37	1 35	24 10	0 42	19 18	3 23	23 45	0 9	23 15	0 3	6 53	0 46	6 4	1 25	27 59	6 49	21 35	21 33	13 49	16 56	6 39
F 31	22n22	19s48	3n 9	24n53	1n41	23n59	0n30	19s13	3s27	23n45	0n 9	23n14	0n 3	6n53	0n46	6s 4	1s25	27n58	6n49	21s35	21s32	13s47	16n56	6s39

Julian Day Number = 1980140.5, Delta T = 59m24s
Ecliptic obliquity = 23°36'18, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'45, Lahiri = 5°52'46 Julian Calendar 1 May 709 == Greg. Calendar 5 May 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

JUNE 709 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 50 2	12♊47'23	25♉16	22♊ 1	5°R22	17♒ 9	1♋17	10♋30	14♍25	18♓ 2	25♋ 4	6°R43	6♐23	8♒55	2♋14	S 1
S 2	16 53 59	13°44'32	7♒10	24° 3	5♋ 7	17°34	1°30	10°37	14°25	18° 3	25° 6	6♐42	6°20	9° 1	2°20	S 2
M 3	16 57 56	14°41'40	19° 2	26° 5	4°50	17°59	1°43	10°44	14°26	18° 3	25° 7	6°41	6°17	9° 8	2°25	M 3
T 4	17 1 52	15°38'49	0♓56	28° 4	4°31	18°23	1°56	10°51	14°27	18° 4	25° 9	6°41	6°14	9°15	2°30	T 4
W 5	17 5 49	16°35'58	12°55	0♋ 1	4° 9	18°47	2°10	10°59	14°28	18° 4	25°10	6°D40	6°11	9°21	2°36	W 5
T 6	17 9 45	17°33'07	25° 5	1°56	3°45	19°11	2°23	11° 6	14°29	18° 5	25°12	6°40	6° 7	9°28	2°41	T 6
F 7	17 13 42	18°30'16	7♈30	3°50	3°19	19°34	2°36	11°13	14°30	18° 5	25°13	6°41	6° 4	9°35	2°47	F 7
S 8	17 17 38	19°27'25	20°14	5°41	2°51	19°56	2°49	11°21	14°31	18° 5	25°15	6°42	6° 1	9°42	2°52	S 8
S 9	17 21 35	20°24'35	3♉20	7°30	2°22	20°19	3° 2	11°28	14°32	18° 6	25°16	6°43	5°58	9°48	2°57	S 9
M10	17 25 31	21°21'45	16°51	9°17	1°51	20°40	3°16	11°36	14°33	18° 6	25°18	6°44	5°55	9°55	3° 3	M10
T 11	17 29 28	22°18'55	0♊46	11° 2	1°18	21° 1	3°29	11°43	14°34	18° 6	25°19	6°R45	5°52	10° 2	3° 8	T 11
W12	17 33 25	23°16'05	15° 3	12°45	0°44	21°22	3°42	11°51	14°35	18° 6	25°21	6°44	5°48	10° 8	3°14	W12
T 13	17 37 21	24°13'15	29°39	14°26	0° 9	21°42	3°55	11°58	14°36	18° 7	25°22	6°44	5°45	10°15	3°19	T 13
F 14	17 41 18	25°10'26	14♋26	16° 4	29♊33	22° 2	4° 9	12° 6	14°38	18° 7	25°24	6°42	5°42	10°22	3°25	F 14
S 15	17 45 14	26° 7'36	29°19	17°41	28°56	22°21	4°22	12°13	14°39	18° 7	25°25	6°40	5°39	10°28	3°30	S 15
S 16	17 49 11	27° 4'47	14♌ 8	19°16	28°19	22°40	4°35	12°21	14°41	18° 7	25°27	6°37	5°36	10°35	3°36	S 16
M17	17 53 7	28° 1'57	28°46	20°48	27°41	22°58	4°49	12°28	14°42	18° 7	25°29	6°35	5°33	10°42	3°41	M17
T 18	17 57 4	28°59'07	13♍10	22°18	27° 4	23°15	5° 2	12°36	14°43	18°R 7	25°30	6°33	5°29	10°49	3°47	T 18
W19	18 1 0	29°56'17	27°14	23°46	26°27	23°32	5°16	12°44	14°45	18° 7	25°32	6°D32	5°26	10°55	3°53	W19
T 20	18 4 57	0♋53'28	10♎58	25°12	25°50	23°48	5°29	12°51	14°47	18° 7	25°34	6°33	5°23	11° 2	3°58	T 20
F 21	18 8 54	1°50'38	24°23	26°36	25°14	24° 3	5°42	12°59	14°48	18° 7	25°35	6°34	5°20	11° 9	4° 4	F 21
S 22	18 12 50	2°47'48	7♏30	27°58	24°39	24°18	5°56	13° 7	14°50	18° 7	25°37	6°35	5°17	11°15	4° 9	S 22
S 23	18 16 47	3°44'59	20°21	29°17	24° 6	24°33	6° 9	13°14	14°52	18° 6	25°39	6°37	5°13	11°22	4°15	S 23
M24	18 20 43	4°42'10	2♐59	0♌34	23°33	24°46	6°22	13°22	14°54	18° 6	25°40	6°R38	5°10	11°29	4°20	M24
T 25	18 24 40	5°39'21	15°24	1°48	23° 2	25° 0	6°36	13°30	14°55	18° 6	25°42	6°37	5° 7	11°36	4°26	T 25
W26	18 28 36	6°36'33	27°40	3° 1	22°33	25°12	6°49	13°38	14°57	18° 6	25°44	6°36	5° 4	11°42	4°32	W26
T 27	18 32 33	7°33'46	9♑47	4°10	22° 6	25°24	7° 3	13°45	14°59	18° 6	25°46	6°33	5° 1	11°49	4°37	T 27
F 28	18 36 29	8°30'58	21°47	5°17	21°40	25°35	7°16	13°53	15° 1	18° 5	25°47	6°28	4°58	11°56	4°43	F 28
S 29	18 40 26	9°28'12	3♒43	6°22	21°17	25°45	7°29	14° 1	15° 3	18° 5	25°49	6°22	4°54	12° 2	4°48	S 29
S 30	18 44 23	10♋25'26	15♒35	7♌23	20♊56	25♒54	7♋43	14♋ 9	15♍ 5	18♓ 5	25♋51	6♐17	4♐51	12♒ 9	4♋54	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n29	17s20	3n58	25n 7	1n45	23n48	0n18	19s 8	3s30	23n45	0n 9	23n14	0n 3	6n53	0n46	6s 3	1s25	27n58	6n49	21s35	21s31	13s45	16n56	6s39
S 2	22 36	14 10	4 36	25 17	1 49	23 36	0 5	19 3	3 33	23 45	0 9	23 13	0 3	6 52	0 46	6 3	1 25	27 58	6 49	21 35	21 31	13 43	16 56	6 39
M 3	22 43	10 26	5 2	25 25	1 52	23 24	0s 7	18 59	3 37	23 45	0 9	23 13	0 3	6 52	0 46	6 3	1 25	27 57	6 49	21 35	21 30	13 41	16 56	6 39
T 4	22 50	6 19	5 15	25 30	1 55	23 11	0 20	18 54	3 40	23 45	0 9	23 12	0 3	6 52	0 46	6 3	1 25	27 57	6 49	21 34	21 30	13 38	16 56	6 39
W 5	22 56	1 55	5 15	25 33	1 56	22 59	0 34	18 50	3 44	23 45	0 9	23 12	0 3	6 51	0 45	6 3	1 25	27 57	6 49	21 34	21 29	13 36	16 56	6 39
T 6	23 1	2n38	5 0	25 33	1 57	22 46	0 47	18 46	3 47	23 45	0 10	23 11	0 3	6 51	0 45	6 3	1 25	27 56	6 49	21 34	21 29	13 34	16 56	6 39
F 7	23 6	7 9	4 32	25 30	1 58	22 33	1 1	18 42	3 51	23 44	0 10	23 11	0 3	6 51	0 45	6 3	1 25	27 56	6 49	21 35	21 28	13 32	16 56	6 39
S 8	23 11	11 30	3 50	25 26	1 57	22 19	1 15	18 38	3 54	23 44	0 10	23 10	0 3	6 50	0 45	6 3	1 25	27 56	6 49	21 35	21 28	13 30	16 56	6 39
S 9	23 15	15 27	2 54	25 19	1 56	22 6	1 29	18 34	3 58	23 44	0 10	23 10	0 3	6 50	0 45	6 3	1 25	27 55	6 49	21 35	21 27	13 28	16 56	6 39
M10	23 19	18 42	1 48	25 11	1 54	21 52	1 43	18 30	4 1	23 44	0 10	23 9	0 4	6 49	0 45	6 2	1 25	27 55	6 49	21 35	21 27	13 26	16 56	6 39
T 11	23 23	20 59	0 33	25 0	1 52	21 38	1 58	18 27	4 5	23 44	0 10	23 9	0 4	6 49	0 45	6 2	1 25	27 55	6 49	21 35	21 26	13 23	16 55	6 39
W12	23 26	22 0	0s46	24 48	1 49	21 24	2 12	18 24	4 9	23 43	0 10	23 8	0 4	6 48	0 45	6 2	1 25	27 54	6 49	21 35	21 25	13 21	16 55	6 39
T 13	23 29	21 33	2 3	24 34	1 46	21 10	2 26	18 20	4 12	23 43	0 10	23 8	0 4	6 48	0 45	6 2	1 25	27 54	6 49	21 35	21 25	13 19	16 55	6 39
F 14	23 31	19 37	3 13	24 19	1 42	20 56	2 40	18 17	4 16	23 43	0 10	23 7	0 4	6 47	0 45	6 2	1 25	27 54	6 49	21 35	21 24	13 17	16 55	6 39
S 15	23 33	16 21	4 11	24 2	1 37	20 43	2 53	18 15	4 20	23 42	0 10	23 6	0 4	6 47	0 45	6 2	1 25	27 53	6 49	21 34	21 24	13 15	16 55	6 39
S 16	23 34	12 4	4 51	23 43	1 32	20 29	3 7	18 12	4 23	23 42	0 10	23 6	0 4	6 46	0 45	6 2	1 25	27 53	6 49	21 34	21 23	13 13	16 55	6 39
M17	23 35	7 6	5 12	23 24	1 26	20 15	3 20	18 9	4 27	23 42	0 11	23 5	0 4	6 45	0 45	6 2	1 26	27 53	6 49	21 33	21 23	13 11	16 54	6 39
T 18	23 36	1 51	5 13	23 3	1 20	20 2	3 33	18 7	4 31	23 41	0 11	23 4	0 4	6 45	0 45	6 2	1 26	27 52	6 49	21 33	21 22	13 8	16 54	6 39
W19	23 36	3s23	4 55	22 41	1 13	19 48	3 45	18 5	4 35	23 41	0 11	23 4	0 4	6 44	0 45	6 3	1 26	27 52	6 49	21 33	21 21	13 6	16 54	6 39
T 20	23 36	8 21	4 20	22 19	1 6	19 35	3 57	18 3	4 38	23 40	0 11	23 3	0 4	6 43	0 45	6 3	1 26	27 52	6 49	21 33	21 21	13 4	16 54	6 39
F 21	23 36	12 47	3 32	21 55	0 58	19 23	4 8	18 1	4 42	23 40	0 11	23 2	0 5	6 43	0 45	6 3	1 26	27 51	6 49	21 33	21 20	13 2	16 53	6 39
S 22	23 34	16 31	2 33	21 31	0 50	19 11	4 19	18 0	4 46	23 39	0 11	23 2	0 5	6 42	0 45	6 3	1 26	27 51	6 49	21 34	21 20	13 0	16 53	6 39
S 23	23 33	19 22	1 28	21 7	0 41	18 59	4 29	17 58	4 50	23 39	0 11	23 1	0 5	6 41	0 45	6 3	1 26	27 51	6 49	21 34	21 19	12 58	16 53	6 40
M24	23 31	21 14	0 20	20 41	0 32	18 48	4 39	17 57	4 54	23 38	0 11	23 0	0 5	6 41	0 45	6 3	1 26	27 50	6 49	21 34	21 19	12 55	16 53	6 40
T 25	23 29	22 0	0n48	20 16	0 23	18 37	4 48	17 56	4 57	23 38	0 11	23 0	0 5	6 40	0 45	6 3	1 26	27 50	6 49	21 34	21 18	12 53	16 52	6 40
W26	23 26	21 42	1 53	19 50	0 13	18 27	4 57	17 56	5 1	23 37	0 11	22 59	0 5	6 39	0 45	6 3	1 26	27 50	6 49	21 34	21 17	12 51	16 52	6 40
T 27	23 23	20 24	2 51	19 23	0 3	18 18	5 4	17 55	5 5	23 36	0 12	22 58	0 5	6 38	0 45	6 3	1 26	27 49	6 49	21 33	21 17	12 49	16 52	6 40
F 28	23 20	18 11	3 42	18 57	0s 8	18 10	5 12	17 55	5 9	23 36	0 12	22 58	0 5	6 37	0 45	6 4	1 26	27 49	6 49	21 32	21 16	12 47	16 51	6 40
S 29	23 16	15 12	4 22	18 31	0 19	18 2	5 18	17 55	5 13	23 35	0 12	22 57	0 5	6 37	0 45	6 4	1 26	27 49	6 49	21 31	21 16	12 45	16 51	6 40
S 30	23n12	11s38	4n51	18n 4	0s30	17n54	5s24	17s55	5s16	23n35	0n12	22n56	0n 5	6n36	0n44	6s 4	1s26	27n48	6n49	21s30	21s15	12s42	16n51	6s40

Julian Day Number = 1980171.5, Delta T = 59m23s
Ecliptic obliquity = 23°36'17, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'49, Lahiri = 5°52'50 Julian Calendar 1 June 709 == Greg. Calendar 5 June 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

JULY 709 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 48 19	11♋22'41	27♒27	8♌22	20°R37	26♒ 3	7♋56	14♋16	15♍ 7	18°R 4	25♋52	6°R11	4♐48	12♒16	4♋59	M 1
T 2	18 52 16	12°19'57	9♓21	9°18	20♊21	26°11	8° 9	14°24	15°10	18♓ 4	25°54	6♐ 6	4°45	12°23	5° 5	T 2
W 3	18 56 12	13°17'14	21°20	10°11	20° 6	26°19	8°23	14°32	15°12	18° 3	25°56	6° 2	4°42	12°29	5°10	W 3
T 4	19 0 9	14°14'31	3♈28	11° 0	19°55	26°25	8°36	14°40	15°14	18° 3	25°58	6° 0	4°39	12°36	5°16	T 4
F 5	19 4 5	15°11'50	15°50	11°46	19°45	26°31	8°50	14°47	15°16	18° 2	26° 0	5°D59	4°35	12°43	5°22	F 5
S 6	19 8 2	16° 9'10	28°30	12°29	19°38	26°36	9° 3	14°55	15°19	18° 2	26° 1	6° 0	4°32	12°49	5°27	S 6
S 7	19 11 58	17° 6'31	11♉32	13° 8	19°34	26°40	9°16	15° 3	15°21	18° 1	26° 3	6° 1	4°29	12°56	5°33	S 7
M 8	19 15 55	18° 3'54	25° 0	13°43	19°D32	26°44	9°29	15°11	15°23	18° 1	26° 5	6° 2	4°26	13° 3	5°38	M 8
T 9	19 19 52	19° 1'17	8♊55	14°14	19°32	26°46	9°43	15°18	15°26	18° 0	26° 7	6°R 3	4°23	13°10	5°44	T 9
W10	19 23 48	19°58'42	23°17	14°40	19°34	26°48	9°56	15°26	15°28	17°59	26° 8	6° 1	4°19	13°16	5°49	W10
T 11	19 27 45	20°56'08	8♋ 3	15° 3	19°39	26°49	10° 9	15°34	15°31	17°58	26°10	5°58	4°16	13°23	5°55	T 11
F 12	19 31 41	21°53'35	23° 7	15°20	19°46	26°R49	10°23	15°42	15°33	17°58	26°12	5°53	4°13	13°30	6° 0	F 12
S 13	19 35 38	22°51'03	8♌19	15°33	19°55	26°48	10°36	15°49	15°36	17°57	26°14	5°47	4°10	13°36	6° 5	S 13
S 14	19 39 34	23°48'32	23°28	15°41	20° 6	26°47	10°49	15°57	15°39	17°56	26°16	5°40	4° 7	13°43	6°11	S 14
M15	19 43 31	24°46'02	8♍26	15°R44	20°20	26°44	11° 2	16° 5	15°41	17°55	26°18	5°33	4° 4	13°50	6°16	M15
T 16	19 47 27	25°43'32	23° 4	15°42	20°35	26°41	11°15	16°13	15°44	17°55	26°19	5°28	4° 0	13°57	6°22	T 16
W17	19 51 24	26°41'04	7♎17	15°34	20°52	26°37	11°28	16°20	15°47	17°54	26°21	5°24	3°57	14° 3	6°27	W17
T 18	19 55 21	27°38'36	21° 4	15°21	21°11	26°33	11°42	16°28	15°50	17°53	26°23	5°22	3°54	14°10	6°32	T 18
F 19	19 59 17	28°36'10	4♏26	15° 2	21°32	26°27	11°55	16°36	15°52	17°52	26°25	5°D22	3°51	14°17	6°38	F 19
S 20	20 3 14	29°33'44	17°24	14°38	21°54	26°21	12° 8	16°43	15°55	17°51	26°27	5°23	3°48	14°23	6°43	S 20
S 21	20 7 10	0♌31'19	0♐ 4	14° 9	22°18	26°14	12°21	16°51	15°58	17°50	26°28	5°R24	3°44	14°30	6°48	S 21
M22	20 11 7	1°28'56	12°28	13°35	22°44	26° 6	12°34	16°59	16° 1	17°49	26°30	5°24	3°41	14°37	6°54	M22
T 23	20 15 3	2°26'34	24°41	12°56	23°12	25°58	12°47	17° 6	16° 4	17°48	26°32	5°22	3°38	14°44	6°59	T 23
W24	20 19 0	3°24'12	6♑45	12°13	23°40	25°49	13° 0	17°14	16° 7	17°47	26°34	5°18	3°35	14°50	7° 4	W24
T 25	20 22 57	4°21'52	18°43	11°27	24°11	25°39	13°13	17°21	16°10	17°46	26°36	5°11	3°32	14°57	7° 9	T 25
F 26	20 26 53	5°19'34	0♒38	10°38	24°43	25°28	13°25	17°29	16°13	17°45	26°37	5° 2	3°29	15° 4	7°14	F 26
S 27	20 30 50	6°17'16	12°30	9°47	25°16	25°17	13°38	17°36	16°16	17°43	26°39	4°51	3°25	15°10	7°20	S 27
S 28	20 34 46	7°15'00	24°22	8°55	25°51	25° 5	13°51	17°44	16°19	17°42	26°41	4°39	3°22	15°17	7°25	S 28
M29	20 38 43	8°12'46	6♓16	8° 2	26°26	24°53	14° 4	17°51	16°23	17°41	26°43	4°28	3°19	15°24	7°30	M29
T 30	20 42 39	9°10'33	18°12	7°11	27° 4	24°40	14°17	17°59	16°26	17°40	26°44	4°17	3°16	15°31	7°35	T 30
W31	20 46 36	10♌ 8'22	0♈13	6♌22	27♊42	24♒27	14♋29	18♋ 6	16♍29	17♓39	26♋46	4♐ 9	3♐13	15♒37	7♋40	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 7	7s38	5n 7	17n38	0s41	17n48	5s29	17s56	5s20	23n34	0n12	22n55	0n 5	6n35	0n44	6s 4	1s26	27n48	6n49	21s29	21s15	12s40	16n50	6s41
T 2	23 2	3 20	5 10	17 12	0 53	17 42	5 34	17 56	5 24	23 33	0 12	22 55	0 5	6 34	0 44	6 4	1 26	27 48	6 49	21 28	21 14	12 38	16 50	6 41
W 3	22 56	1n 8	5 0	16 46	1 5	17 37	5 38	17 57	5 28	23 32	0 12	22 54	0 6	6 33	0 44	6 5	1 26	27 47	6 49	21 28	21 13	12 36	16 50	6 41
T 4	22 50	5 36	4 36	16 21	1 17	17 32	5 42	17 58	5 31	23 32	0 12	22 53	0 6	6 32	0 44	6 5	1 26	27 47	6 49	21 27	21 13	12 34	16 49	6 41
F 5	22 44	9 56	3 59	15 57	1 30	17 29	5 45	18 0	5 35	23 31	0 12	22 52	0 6	6 31	0 44	6 5	1 27	27 47	6 49	21 27	21 12	12 32	16 49	6 41
S 6	22 37	13 58	3 10	15 33	1 42	17 26	5 47	18 2	5 39	23 30	0 12	22 52	0 6	6 30	0 44	6 5	1 27	27 47	6 49	21 27	21 12	12 29	16 48	6 42
S 7	22 30	17 26	2 9	15 10	1 55	17 24	5 49	18 3	5 42	23 29	0 13	22 51	0 6	6 29	0 44	6 6	1 27	27 46	6 49	21 28	21 11	12 27	16 48	6 42
M 8	22 23	20 7	1 0	14 47	2 8	17 22	5 50	18 6	5 46	23 28	0 13	22 50	0 6	6 29	0 44	6 6	1 27	27 46	6 49	21 28	21 10	12 25	16 47	6 42
T 9	22 15	21 41	0s16	14 26	2 20	17 21	5 51	18 8	5 49	23 27	0 13	22 49	0 6	6 28	0 44	6 6	1 27	27 46	6 49	21 28	21 10	12 23	16 47	6 42
W10	22 6	21 54	1 32	14 6	2 33	17 21	5 52	18 11	5 53	23 27	0 13	22 48	0 6	6 27	0 44	6 7	1 27	27 45	6 49	21 28	21 9	12 21	16 47	6 42
T 11	21 58	20 38	2 44	13 48	2 46	17 21	5 52	18 14	5 56	23 26	0 13	22 48	0 6	6 25	0 44	6 7	1 27	27 45	6 49	21 27	21 9	12 19	16 46	6 43
F 12	21 49	17 53	3 46	13 30	2 58	17 22	5 52	18 17	6 0	23 25	0 13	22 47	0 6	6 24	0 44	6 7	1 27	27 45	6 49	21 26	21 8	12 16	16 46	6 43
S 13	21 39	13 55	4 33	13 15	3 11	17 23	5 51	18 20	6 3	23 24	0 13	22 46	0 6	6 23	0 44	6 8	1 27	27 44	6 49	21 25	21 8	12 14	16 45	6 43
S 14	21 29	9 3	5 1	13 1	3 23	17 25	5 50	18 23	6 6	23 23	0 13	22 45	0 7	6 22	0 44	6 8	1 27	27 44	6 49	21 24	21 7	12 12	16 45	6 43
M15	21 19	3 43	5 7	12 49	3 34	17 27	5 49	18 27	6 9	23 22	0 13	22 44	0 7	6 21	0 44	6 8	1 27	27 44	6 49	21 23	21 6	12 10	16 44	6 44
T 16	21 9	1s43	4 53	12 39	3 46	17 30	5 47	18 31	6 12	23 21	0 13	22 43	0 7	6 20	0 44	6 9	1 27	27 44	6 49	21 22	21 6	12 8	16 44	6 44
W17	20 58	6 54	4 21	12 31	3 56	17 33	5 45	18 35	6 15	23 20	0 14	22 43	0 7	6 19	0 44	6 9	1 27	27 43	6 49	21 21	21 5	12 5	16 43	6 44
T 18	20 47	11 36	3 35	12 26	4 6	17 36	5 43	18 40	6 18	23 19	0 14	22 42	0 7	6 18	0 44	6 10	1 27	27 43	6 50	21 21	21 5	12 3	16 42	6 44
F 19	20 35	15 34	2 39	12 22	4 15	17 40	5 40	18 44	6 21	23 18	0 14	22 41	0 7	6 17	0 44	6 10	1 27	27 43	6 50	21 21	21 4	12 1	16 42	6 45
S 20	20 23	18 40	1 35	12 22	4 23	17 44	5 38	18 49	6 23	23 17	0 14	22 40	0 7	6 16	0 44	6 10	1 27	27 42	6 50	21 21	21 3	11 59	16 41	6 45
S 21	20 11	20 46	0 29	12 24	4 30	17 49	5 35	18 54	6 26	23 16	0 14	22 39	0 7	6 15	0 44	6 11	1 27	27 42	6 50	21 21	21 3	11 57	16 41	6 45
M22	19 58	21 49	0n38	12 28	4 35	17 53	5 32	18 58	6 28	23 14	0 14	22 38	0 7	6 13	0 44	6 11	1 27	27 42	6 50	21 21	21 2	11 54	16 40	6 46
T 23	19 45	21 49	1 41	12 35	4 39	17 58	5 28	19 3	6 30	23 13	0 14	22 37	0 7	6 12	0 44	6 12	1 27	27 42	6 50	21 21	21 2	11 52	16 40	6 46
W24	19 32	20 47	2 39	12 44	4 42	18 3	5 24	19 9	6 32	23 12	0 14	22 37	0 7	6 11	0 44	6 12	1 27	27 41	6 50	21 20	21 1	11 50	16 39	6 46
T 25	19 18	18 49	3 30	12 56	4 43	18 8	5 21	19 14	6 34	23 11	0 14	22 36	0 8	6 10	0 44	6 13	1 27	27 41	6 50	21 19	21 0	11 48	16 38	6 47
F 26	19 4	16 4	4 11	13 10	4 42	18 13	5 17	19 19	6 36	23 10	0 15	22 35	0 8	6 9	0 44	6 13	1 27	27 41	6 50	21 17	21 0	11 46	16 38	6 47
S 27	18 50	12 41	4 40	13 27	4 39	18 19	5 13	19 25	6 38	23 9	0 15	22 34	0 8	6 7	0 44	6 14	1 28	27 40	6 50	21 15	20 59	11 43	16 37	6 47
S 28	18 35	8 48	4 58	13 45	4 34	18 24	5 8	19 30	6 39	23 7	0 15	22 33	0 8	6 6	0 44	6 14	1 28	27 40	6 50	21 13	20 58	11 41	16 37	6 48
M29	18 20	4 35	5 3	14 5	4 27	18 30	5 4	19 36	6 41	23 6	0 15	22 32	0 8	6 5	0 44	6 15	1 28	27 40	6 51	21 11	20 58	11 39	16 36	6 48
T 30	18 5	0 11	4 54	14 26	4 19	18 35	4 59	19 41	6 42	23 5	0 15	22 31	0 8	6 4	0 44	6 15	1 28	27 40	6 51	21 9	20 57	11 37	16 35	6 49
W31	17n50	4n15	4n32	14n48	4s 8	18n40	4s55	19s47	6s43	23n 4	0n15	22n30	0n 8	6n 2	0n44	6s16	1s28	27n39	6n51	21s 7	20s57	11s35	16n35	6s49

Julian Day Number = 1980201.5, Delta T = 59m22s
Ecliptic obliquity = 23°36'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'54, Lahiri = 5°52'54 Julian Calendar 1 July 709 == Greg. Calendar 5 July 709

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 709
geocentric

AUGUST 709 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 50 32	11♌ 6'13	12♈23	5°R36	28♊21	24°R13	14♋42	18♋13	16♍32	17°R37	26♋48	4°R 3	3♐10	15♒44	7♋45	T 1
F 2	20 54 29	12° 4'05	24°44	4♌54	29° 2	23♒59	14°54	18°21	16°35	17♓36	26°50	3♐59	3° 6	15°51	7°50	F 2
S 3	20 58 25	13° 1'59	7♉21	4°17	29°43	23°44	15° 7	18°28	16°39	17°35	26°51	3°58	3° 3	15°57	7°55	S 3
S 4	21 2 22	13°59'56	20°18	3°46	0♋26	23°29	15°19	18°35	16°42	17°34	26°53	3°D58	3° 0	16° 4	8° 0	S 4
M 5	21 6 19	14°57'54	3♊38	3°21	1°10	23°13	15°32	18°43	16°45	17°32	26°55	3°R58	2°57	16°11	8° 4	M 5
T 6	21 10 15	15°55'54	17°26	3° 4	1°54	22°58	15°44	18°50	16°49	17°31	26°57	3°57	2°54	16°18	8° 9	T 6
W 7	21 14 12	16°53'56	1♋41	2°55	2°40	22°42	15°57	18°57	16°52	17°30	26°58	3°55	2°50	16°24	8°14	W 7
T 8	21 18 8	17°52'01	16°24	2°D54	3°26	22°25	16° 9	19° 4	16°56	17°28	27° 0	3°50	2°47	16°31	8°19	T 8
F 9	21 22 5	18°50'07	1♌28	3° 1	4°13	22° 9	16°21	19°11	16°59	17°27	27° 2	3°42	2°44	16°38	8°24	F 9
S 10	21 26 1	19°48'14	16°44	3°16	5° 1	21°53	16°33	19°19	17° 2	17°25	27° 4	3°32	2°41	16°45	8°28	S 10
S 11	21 29 58	20°46'24	2♍ 3	3°40	5°50	21°36	16°46	19°26	17° 6	17°24	27° 5	3°22	2°38	16°51	8°33	S 11
M12	21 33 54	21°44'35	17°13	4°13	6°39	21°20	16°58	19°33	17° 9	17°22	27° 7	3°11	2°35	16°58	8°37	M12
T 13	21 37 51	22°42'48	2♎ 3	4°53	7°30	21° 3	17°10	19°40	17°13	17°21	27° 9	3° 3	2°31	17° 5	8°42	T 13
W14	21 41 48	23°41'02	16°27	5°42	8°21	20°47	17°22	19°46	17°16	17°20	27°10	2°56	2°28	17°11	8°46	W14
T 15	21 45 44	24°39'18	0♏22	6°38	9°12	20°31	17°34	19°53	17°20	17°18	27°12	2°52	2°25	17°18	8°51	T 15
F 16	21 49 41	25°37'36	13°47	7°41	10° 4	20°15	17°45	20° 0	17°24	17°16	27°13	2°50	2°22	17°25	8°55	F 16
S 17	21 53 37	26°35'55	26°46	8°51	10°57	20° 0	17°57	20° 7	17°27	17°15	27°15	2°50	2°19	17°32	9° 0	S 17
S 18	21 57 34	27°34'16	9♐23	10° 7	11°51	19°44	18° 9	20°14	17°31	17°13	27°17	2°50	2°16	17°38	9° 4	S 18
M19	22 1 30	28°32'38	21°42	11°29	12°45	19°29	18°21	20°20	17°34	17°12	27°18	2°49	2°12	17°45	9° 8	M19
T 20	22 5 27	29°31'02	3♑48	12°56	13°40	19°15	18°32	20°27	17°38	17°10	27°20	2°46	2° 9	17°52	9°12	T 20
W21	22 9 23	0♍29'28	15°46	14°28	14°35	19° 1	18°44	20°34	17°42	17° 9	27°21	2°41	2° 6	17°58	9°17	W21
T 22	22 13 20	1°27'56	27°40	16° 4	15°31	18°47	18°55	20°40	17°45	17° 7	27°23	2°32	2° 3	18° 5	9°21	T 22
F 23	22 17 17	2°26'25	9♒31	17°43	16°27	18°34	19° 6	20°47	17°49	17° 6	27°25	2°21	2° 0	18°12	9°25	F 23
S 24	22 21 13	3°24'56	21°23	19°26	17°24	18°21	19°18	20°53	17°53	17° 4	27°26	2° 8	1°56	18°19	9°29	S 24
S 25	22 25 10	4°23'29	3♓18	21°10	18°21	18° 9	19°29	20°59	17°56	17° 2	27°28	1°54	1°53	18°25	9°33	S 25
M26	22 29 6	5°22'04	15°16	22°57	19°19	17°57	19°40	21° 6	18° 0	17° 1	27°29	1°40	1°50	18°32	9°36	M26
T 27	22 33 3	6°20'41	27°19	24°45	20°17	17°46	19°51	21°12	18° 4	16°59	27°31	1°27	1°47	18°39	9°40	T 27
W28	22 36 59	7°19'20	9♈28	26°34	21°16	17°36	20° 2	21°18	18° 7	16°57	27°32	1°16	1°44	18°45	9°44	W28
T 29	22 40 56	8°18'01	21°45	28°25	22°15	17°26	20°13	21°24	18°11	16°56	27°33	1° 8	1°41	18°52	9°48	T 29
F 30	22 44 52	9°16'45	4♉12	0♍15	23°15	17°17	20°24	21°30	18°15	16°54	27°35	1° 3	1°37	18°59	9°51	F 30
S 31	22 48 49	10♍15'31	16♉52	2♍ 6	24♋15	17♒ 9	20♋34	21♋36	18♍19	16♓53	27♋36	1♐ 1	1♐34	19♒ 6	9♋55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n34	8n34	3n58	15n11	3s56	18n46	4s50	19s52	6s44	23n 2	0n15	22n29	0n 8	6n 1	0n43	6s16	1s28	27n39	6n51	21s 6	20s56	11s32	16n34	6s49
F 2	17 18	12 37	3 12	15 34	3 43	18 51	4 45	19 58	6 44	23 1	0 15	22 29	0 8	6 0	0 43	6 17	1 28	27 39	6 51	21 5	20 55	11 30	16 33	6 50
S 3	17 1	16 12	2 16	15 57	3 28	18 56	4 40	20 3	6 45	23 0	0 15	22 28	0 8	5 58	0 43	6 17	1 28	27 39	6 51	21 5	20 55	11 28	16 33	6 50
S 4	16 44	19 6	1 12	16 20	3 12	19 1	4 35	20 9	6 45	22 59	0 16	22 27	0 9	5 57	0 43	6 18	1 28	27 39	6 51	21 5	20 54	11 26	16 32	6 51
M 5	16 27	21 3	0 2	16 42	2 55	19 6	4 30	20 14	6 45	22 57	0 16	22 26	0 9	5 56	0 43	6 18	1 28	27 38	6 51	21 5	20 54	11 23	16 31	6 51
T 6	16 10	21 50	1s11	17 3	2 38	19 11	4 25	20 19	6 45	22 56	0 16	22 25	0 9	5 54	0 43	6 19	1 28	27 38	6 52	21 5	20 53	11 21	16 30	6 51
W 7	15 53	21 14	2 21	17 23	2 20	19 15	4 19	20 24	6 45	22 55	0 16	22 24	0 9	5 53	0 43	6 19	1 28	27 38	6 52	21 5	20 52	11 19	16 30	6 52
T 8	15 35	19 12	3 25	17 41	2 1	19 20	4 14	20 29	6 44	22 53	0 16	22 23	0 9	5 52	0 43	6 20	1 28	27 38	6 52	21 4	20 52	11 17	16 29	6 52
F 9	15 17	15 49	4 15	17 57	1 43	19 24	4 9	20 34	6 44	22 52	0 16	22 22	0 9	5 50	0 43	6 21	1 28	27 37	6 52	21 2	20 51	11 15	16 28	6 53
S 10	14 59	11 21	4 48	18 11	1 25	19 27	4 3	20 39	6 43	22 50	0 16	22 21	0 9	5 49	0 43	6 21	1 28	27 37	6 52	21 0	20 50	11 12	16 28	6 53
S 11	14 40	6 8	5 1	18 23	1 7	19 31	3 58	20 43	6 42	22 49	0 16	22 20	0 9	5 48	0 43	6 22	1 28	27 37	6 52	20 58	20 50	11 10	16 27	6 54
M12	14 21	0 36	4 52	18 32	0 49	19 34	3 52	20 47	6 40	22 48	0 17	22 19	0 9	5 46	0 43	6 22	1 28	27 37	6 52	20 56	20 49	11 8	16 26	6 54
T 13	14 2	4s51	4 24	18 39	0 33	19 37	3 47	20 51	6 39	22 46	0 17	22 18	0 9	5 45	0 43	6 23	1 28	27 37	6 53	20 55	20 49	11 6	16 25	6 55
W14	13 43	9 53	3 39	18 43	0 16	19 40	3 41	20 55	6 37	22 45	0 17	22 18	0 9	5 43	0 43	6 24	1 28	27 36	6 53	20 53	20 48	11 3	16 25	6 55
T 15	13 24	14 13	2 43	18 44	0 1	19 42	3 35	20 59	6 35	22 43	0 17	22 17	0 10	5 42	0 43	6 24	1 28	27 36	6 53	20 53	20 47	11 1	16 24	6 56
F 16	13 4	17 40	1 39	18 42	0n14	19 44	3 29	21 2	6 33	22 42	0 17	22 16	0 10	5 41	0 43	6 25	1 28	27 36	6 53	20 52	20 47	10 59	16 23	6 56
S 17	12 44	20 5	0 32	18 36	0 27	19 46	3 24	21 5	6 31	22 40	0 17	22 15	0 10	5 39	0 43	6 25	1 28	27 36	6 53	20 52	20 46	10 57	16 22	6 57
S 18	12 24	21 26	0n35	18 28	0 40	19 47	3 18	21 8	6 28	22 39	0 17	22 14	0 10	5 38	0 43	6 26	1 28	27 36	6 53	20 52	20 45	10 55	16 21	6 57
M19	12 4	21 43	1 38	18 17	0 51	19 48	3 12	21 10	6 26	22 38	0 17	22 13	0 10	5 36	0 43	6 27	1 28	27 36	6 53	20 52	20 45	10 52	16 21	6 58
T 20	11 43	20 57	2 36	18 2	1 2	19 48	3 6	21 12	6 23	22 36	0 18	22 12	0 10	5 35	0 43	6 27	1 28	27 35	6 54	20 51	20 44	10 50	16 20	6 58
W21	11 23	19 15	3 26	17 44	1 11	19 48	3 1	21 14	6 20	22 35	0 18	22 11	0 10	5 33	0 43	6 28	1 28	27 35	6 54	20 50	20 44	10 48	16 19	6 59
T 22	11 2	16 45	4 7	17 24	1 19	19 48	2 55	21 15	6 17	22 33	0 18	22 10	0 10	5 32	0 43	6 29	1 28	27 35	6 54	20 49	20 43	10 46	16 18	6 59
F 23	10 41	13 33	4 36	17 0	1 27	19 47	2 49	21 17	6 14	22 32	0 18	22 9	0 10	5 31	0 43	6 29	1 28	27 35	6 54	20 47	20 42	10 43	16 17	7 0
S 24	10 19	9 49	4 54	16 34	1 33	19 46	2 43	21 17	6 10	22 30	0 18	22 9	0 10	5 29	0 43	6 30	1 28	27 35	6 54	20 44	20 42	10 41	16 17	7 0
S 25	9 58	5 43	4 59	16 5	1 38	19 44	2 37	21 18	6 7	22 29	0 18	22 8	0 11	5 28	0 43	6 31	1 28	27 35	6 55	20 41	20 41	10 39	16 16	7 1
M26	9 36	1 22	4 51	15 34	1 42	19 42	2 32	21 18	6 3	22 27	0 18	22 7	0 11	5 26	0 43	6 31	1 28	27 35	6 55	20 38	20 40	10 37	16 15	7 1
T 27	9 15	3n 3	4 30	15 1	1 46	19 39	2 26	21 18	6 0	22 26	0 18	22 6	0 11	5 25	0 43	6 32	1 28	27 34	6 55	20 36	20 40	10 34	16 14	7 2
W28	8 53	7 24	3 56	14 26	1 48	19 36	2 20	21 18	5 56	22 24	0 19	22 5	0 11	5 23	0 43	6 32	1 28	27 34	6 55	20 33	20 39	10 32	16 13	7 3
T 29	8 31	11 29	3 11	13 49	1 50	19 33	2 14	21 17	5 52	22 23	0 19	22 4	0 11	5 22	0 43	6 33	1 29	27 34	6 55	20 32	20 38	10 30	16 12	7 3
F 30	8 9	15 9	2 17	13 11	1 50	19 28	2 9	21 16	5 48	22 21	0 19	22 3	0 11	5 20	0 43	6 34	1 29	27 34	6 55	20 31	20 38	10 28	16 12	7 4
S 31	7n46	18n10	1n14	12n31	1n50	19n24	2s 3	21s15	5s44	22n20	0n19	22n 2	0n11	5n19	0n43	6s34	1s29	27n34	6n56	20s30	20s37	10s25	16n11	7s 4

Julian Day Number = 1980232.5, Delta T = 59m22s
Ecliptic obliquity = 23°36'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°45'58, Lahiri = 5°52'58 Julian Calendar 1 Aug. 709 == Greg. Calendar 5 Aug. 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

SEPTEMBER 709 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 52 46	11♍14'19	29♉49	3♍57	25♋16	17°R 2	20♋45	21♋42	18♍22	16°R51	27♋38	1°D 0	1♐31	19♒12	9♋59	S 1
M 2	22 56 42	12°13'10	13♊ 5	5°48	26°16	16♒55	20°56	21°48	18°26	16♓49	27°39	1°R 0	1°28	19°19	10° 2	M 2
T 3	23 0 39	13°12'03	26°44	7°39	27°18	16°49	21° 6	21°54	18°30	16°48	27°40	1♐ 0	1°25	19°26	10° 6	T 3
W 4	23 4 35	14°10'58	10♋48	9°29	28°19	16°43	21°16	22° 0	18°34	16°46	27°42	0°58	1°22	19°33	10° 9	W 4
T 5	23 8 32	15° 9'56	25°16	11°19	29°21	16°39	21°27	22° 6	18°38	16°44	27°43	0°53	1°18	19°39	10°12	T 5
F 6	23 12 28	16° 8'56	10♌ 6	13° 8	0♌24	16°35	21°37	22°11	18°41	16°43	27°44	0°46	1°15	19°46	10°15	F 6
S 7	23 16 25	17° 7'58	25°11	14°56	1°26	16°32	21°47	22°17	18°45	16°41	27°46	0°36	1°12	19°53	10°19	S 7
S 8	23 20 21	18° 7'02	10♍22	16°44	2°29	16°30	21°57	22°22	18°49	16°39	27°47	0°26	1° 9	19°59	10°22	S 8
M 9	23 24 18	19° 6'09	25°28	18°31	3°32	16°28	22° 7	22°28	18°53	16°38	27°48	0°15	1° 6	20° 6	10°25	M 9
T 10	23 28 14	20° 5'17	10♎19	20°17	4°36	16°D28	22°16	22°33	18°56	16°36	27°49	0° 6	1° 2	20°13	10°28	T 10
W11	23 32 11	21° 4'28	24°47	22° 2	5°40	16°28	22°26	22°38	19° 0	16°34	27°51	29♏59	0°59	20°20	10°31	W11
T 12	23 36 8	22° 3'40	8♏48	23°47	6°44	16°29	22°36	22°44	19° 4	16°33	27°52	29°55	0°56	20°26	10°33	T 12
F 13	23 40 4	23° 2'55	22°20	25°30	7°49	16°31	22°45	22°49	19° 8	16°31	27°53	29°53	0°53	20°33	10°36	F 13
S 14	23 44 1	24° 2'11	5♐24	27°13	8°53	16°33	22°54	22°54	19°12	16°29	27°54	29°D53	0°50	20°40	10°39	S 14
S 15	23 47 57	25° 1'29	18° 3	28°56	9°58	16°37	23° 4	22°59	19°15	16°28	27°55	29°54	0°47	20°46	10°42	S 15
M16	23 51 54	26° 0'49	0♑24	0♎37	11° 4	16°41	23°13	23° 4	19°19	16°26	27°56	29°R54	0°43	20°53	10°44	M16
T 17	23 55 50	27° 0'11	12°30	2°17	12° 9	16°46	23°22	23° 8	19°23	16°24	27°57	29°52	0°40	21° 0	10°47	T 17
W18	23 59 47	27°59'35	24°27	3°57	13°15	16°52	23°31	23°13	19°27	16°23	27°59	29°49	0°37	21° 7	10°49	W18
T 19	0 3 43	28°59'00	6♒19	5°36	14°21	16°58	23°39	23°18	19°30	16°21	28° 0	29°43	0°34	21°13	10°51	T 19
F 20	0 7 40	29°58'28	18°11	7°15	15°27	17° 5	23°48	23°22	19°34	16°19	28° 1	29°34	0°31	21°20	10°54	F 20
S 21	0 11 37	0♎57'57	0♓ 4	8°52	16°34	17°13	23°57	23°27	19°38	16°18	28° 2	29°24	0°27	21°27	10°56	S 21
S 22	0 15 33	1°57'28	12° 3	10°29	17°41	17°22	24° 5	23°31	19°42	16°16	28° 2	29°13	0°24	21°33	10°58	S 22
M23	0 19 30	2°57'01	24° 9	12° 5	18°48	17°32	24°13	23°35	19°45	16°15	28° 3	29° 2	0°21	21°40	11° 0	M23
T 24	0 23 26	3°56'37	6♈22	13°41	19°55	17°42	24°21	23°40	19°49	16°13	28° 4	28°52	0°18	21°47	11° 2	T 24
W25	0 27 23	4°56'14	18°44	15°16	21° 2	17°52	24°29	23°44	19°53	16°11	28° 5	28°44	0°15	21°54	11° 4	W25
T 26	0 31 19	5°55'53	1♉15	16°50	22°10	18° 4	24°37	23°48	19°56	16°10	28° 6	28°38	0°12	22° 0	11° 6	T 26
F 27	0 35 16	6°55'35	13°57	18°24	23°18	18°16	24°45	23°52	20° 0	16° 8	28° 7	28°35	0° 8	22° 7	11° 7	F 27
S 28	0 39 12	7°55'19	26°50	19°57	24°26	18°29	24°53	23°56	20° 4	16° 7	28° 8	28°D33	0° 5	22°14	11° 9	S 28
S 29	0 43 9	8°55'05	9♊56	21°29	25°34	18°42	25° 0	23°59	20° 7	16° 5	28° 8	28°34	0° 2	22°21	11°11	S 29
M30	0 47 6	9♎54'54	23♊17	23♎ 1	26♌42	18♒56	25♋ 7	24♋ 3	20♍11	16♓ 4	28♋ 9	28♏35	29♏59	22♒27	11♋12	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n24	20n21	0n 6	11n50	1n50	19n19	1s57	21s13	5s39	22n18	0n19	22n 2	0n11	5n17	0n43	6s35	1s29	27n34	6n56	20s30	20s36	10s23	16n10	7s 5
M 2	7 1	21 29	1s 3	11 8	1 49	19 13	1 51	21 11	5 35	22 17	0 19	22 1	0 11	5 16	0 43	6 36	1 29	27 34	6 56	20 30	20 36	10 21	16 9	7 6
T 3	6 39	21 22	2 12	10 25	1 47	19 7	1 46	21 9	5 31	22 15	0 19	22 0	0 12	5 14	0 43	6 36	1 29	27 34	6 56	20 30	20 35	10 19	16 8	7 6
W 4	6 16	19 56	3 14	9 41	1 44	19 0	1 40	21 7	5 26	22 14	0 20	21 59	0 12	5 13	0 43	6 37	1 29	27 34	6 57	20 30	20 34	10 17	16 7	7 7
T 5	5 53	17 12	4 6	8 56	1 42	18 53	1 35	21 4	5 22	22 12	0 20	21 58	0 12	5 11	0 43	6 38	1 29	27 34	6 57	20 29	20 34	10 14	16 6	7 7
F 6	5 30	13 18	4 42	8 11	1 38	18 45	1 29	21 1	5 18	22 11	0 20	21 58	0 12	5 10	0 43	6 38	1 29	27 34	6 57	20 27	20 33	10 12	16 6	7 8
S 7	5 7	8 30	5 0	7 25	1 35	18 37	1 24	20 57	5 13	22 10	0 20	21 57	0 12	5 8	0 43	6 39	1 29	27 33	6 57	20 25	20 33	10 10	16 5	7 9
S 8	4 44	3 9	4 57	6 40	1 30	18 28	1 18	20 54	5 8	22 8	0 20	21 56	0 12	5 7	0 43	6 40	1 29	27 33	6 57	20 23	20 32	10 8	16 4	7 9
M 9	4 20	2s22	4 33	5 53	1 26	18 19	1 13	20 50	5 4	22 7	0 20	21 55	0 12	5 5	0 43	6 40	1 29	27 33	6 58	20 21	20 31	10 5	16 3	7 10
T 10	3 57	7 39	3 51	5 7	1 21	18 9	1 7	20 46	4 59	22 5	0 20	21 54	0 12	5 4	0 43	6 41	1 29	27 33	6 58	20 19	20 31	10 3	16 2	7 11
W11	3 34	12 22	2 55	4 21	1 16	17 59	1 2	20 41	4 55	22 4	0 21	21 54	0 12	5 2	0 43	6 42	1 29	27 33	6 58	20 17	20 30	10 1	16 1	7 11
T 12	3 10	16 16	1 50	3 34	1 11	17 48	0 57	20 36	4 50	22 2	0 21	21 53	0 13	5 1	0 43	6 42	1 29	27 33	6 58	20 16	20 29	9 59	16 0	7 12
F 13	2 47	19 7	0 40	2 48	1 5	17 37	0 52	20 31	4 45	22 1	0 21	21 52	0 13	4 59	0 43	6 43	1 29	27 33	6 58	20 16	20 29	9 56	15 59	7 13
S 14	2 23	20 52	0n29	2 1	0 59	17 25	0 46	20 26	4 41	21 59	0 21	21 51	0 13	4 58	0 43	6 44	1 29	27 33	6 59	20 16	20 28	9 54	15 59	7 13
S 15	1 59	21 29	1 35	1 15	0 54	17 12	0 41	20 21	4 36	21 58	0 21	21 51	0 13	4 56	0 43	6 44	1 29	27 33	6 59	20 16	20 27	9 52	15 58	7 14
M16	1 36	21 1	2 35	0 29	0 47	17 0	0 36	20 15	4 31	21 57	0 21	21 50	0 13	4 55	0 43	6 45	1 29	27 33	6 59	20 16	20 27	9 50	15 57	7 15
T 17	1 12	19 35	3 27	0s17	0 41	16 46	0 31	20 9	4 27	21 55	0 22	21 49	0 13	4 53	0 43	6 46	1 29	27 33	6 59	20 16	20 26	9 47	15 56	7 15
W18	0 48	17 18	4 9	1 3	0 35	16 32	0 26	20 3	4 22	21 54	0 22	21 49	0 13	4 52	0 43	6 46	1 29	27 33	7 0	20 15	20 25	9 45	15 55	7 16
T 19	0 24	14 19	4 39	1 48	0 28	16 18	0 21	19 56	4 18	21 53	0 22	21 48	0 13	4 50	0 43	6 47	1 29	27 33	7 0	20 14	20 25	9 43	15 54	7 17
F 20	0 1	10 45	4 58	2 34	0 22	16 3	0 17	19 50	4 13	21 51	0 22	21 47	0 13	4 49	0 43	6 48	1 29	27 33	7 0	20 12	20 24	9 40	15 53	7 17
S 21	0s23	6 47	5 4	3 19	0 15	15 48	0 12	19 43	4 8	21 50	0 22	21 47	0 14	4 48	0 43	6 48	1 29	27 33	7 0	20 10	20 23	9 38	15 52	7 18
S 22	0 47	2 31	4 57	4 3	0 8	15 32	0 7	19 36	4 4	21 49	0 22	21 46	0 14	4 46	0 43	6 49	1 29	27 33	7 1	20 7	20 23	9 36	15 52	7 19
M23	1 11	1n52	4 36	4 47	0 2	15 15	0 3	19 29	3 59	21 47	0 23	21 45	0 14	4 45	0 43	6 49	1 29	27 33	7 1	20 5	20 22	9 34	15 51	7 19
T 24	1 35	6 15	4 2	5 31	0s 5	14 58	0n 2	19 21	3 55	21 46	0 23	21 45	0 14	4 43	0 43	6 50	1 29	27 33	7 1	20 3	20 21	9 31	15 50	7 20
W25	1 58	10 25	3 17	6 14	0 12	14 41	0 6	19 14	3 51	21 45	0 23	21 44	0 14	4 42	0 43	6 51	1 29	27 34	7 1	20 1	20 21	9 29	15 49	7 21
T 26	2 22	14 12	2 21	6 57	0 19	14 23	0 11	19 6	3 46	21 44	0 23	21 43	0 14	4 40	0 43	6 51	1 29	27 34	7 2	20 0	20 20	9 27	15 48	7 22
F 27	2 46	17 22	1 18	7 39	0 26	14 5	0 15	18 58	3 42	21 42	0 23	21 43	0 14	4 39	0 43	6 52	1 29	27 34	7 2	19 59	20 19	9 25	15 47	7 22
S 28	3 10	19 44	0 9	8 21	0 33	13 46	0 19	18 50	3 38	21 41	0 23	21 42	0 14	4 37	0 43	6 52	1 29	27 34	7 2	19 59	20 19	9 22	15 46	7 23
S 29	3 34	21 5	1s 1	9 3	0 39	13 27	0 23	18 42	3 33	21 40	0 24	21 42	0 14	4 36	0 43	6 53	1 29	27 34	7 2	19 59	20 18	9 20	15 46	7 24
M30	3s57	21n17	2s 9	9s43	0s46	13n 8	0n28	18s33	3s29	21n39	0n24	21n41	0n15	4n34	0n43	6s54	1s29	27n34	7n 3	19s59	20s17	9s18	15n45	7s25

Julian Day Number = 1980263.5, Delta T = 59m21s
Ecliptic obliquity = 23°36'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'02, Lahiri = 5°53'02 Julian Calendar 1 Sept. 709 == Greg. Calendar 5 Sept. 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

OCTOBER 709 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 51 2	10♎54'45	6♋55	24♎32	27♌51	19♒11	25♋15	24♋ 7	20♍15	16°R 2	28♋10	28°R36	29♏56	22♒34	11♋13	T 1
W 2	0 54 59	11°54'38	20°51	26° 3	29° 0	19°26	25°22	24°10	20°18	16♓ 1	28°11	28♏36	29°53	22°41	11°15	W 2
T 3	0 58 55	12°54'33	5♌ 5	27°33	0♍ 9	19°42	25°29	24°13	20°22	15°59	28°11	28°34	29°49	22°47	11°16	T 3
F 4	1 2 52	13°54'31	19°35	29° 3	1°18	19°59	25°35	24°17	20°25	15°58	28°12	28°29	29°46	22°54	11°17	F 4
S 5	1 6 48	14°54'31	4♍17	0♏32	2°28	20°16	25°42	24°20	20°29	15°57	28°13	28°24	29°43	23° 1	11°18	S 5
S 6	1 10 45	15°54'33	19° 5	2° 1	3°37	20°33	25°48	24°23	20°32	15°55	28°13	28°17	29°40	23° 8	11°19	S 6
M 7	1 14 41	16°54'37	3♎51	3°28	4°47	20°51	25°55	24°26	20°36	15°54	28°14	28°10	29°37	23°14	11°20	M 7
T 8	1 18 38	17°54'43	18°27	4°56	5°57	21°10	26° 1	24°29	20°39	15°52	28°14	28° 5	29°33	23°21	11°21	T 8
W 9	1 22 34	18°54'51	2♏46	6°22	7° 7	21°29	26° 7	24°32	20°43	15°51	28°15	28° 0	29°30	23°28	11°22	W 9
T 10	1 26 31	19°55'01	16°43	7°49	8°17	21°49	26°13	24°34	20°46	15°50	28°15	27°58	29°27	23°34	11°23	T 10
F 11	1 30 28	20°55'13	0♐15	9°14	9°27	22° 9	26°18	24°37	20°50	15°48	28°16	27°D58	29°24	23°41	11°23	F 11
S 12	1 34 24	21°55'26	13°22	10°39	10°37	22°30	26°24	24°39	20°53	15°47	28°16	27°58	29°21	23°48	11°24	S 12
S 13	1 38 21	22°55'41	26° 6	12° 2	11°48	22°51	26°29	24°42	20°56	15°46	28°17	28° 0	29°18	23°55	11°24	S 13
M14	1 42 17	23°55'58	8♑31	13°25	12°59	23°13	26°35	24°44	21° 0	15°45	28°17	28° 2	29°14	24° 1	11°24	M14
T 15	1 46 14	24°56'16	20°40	14°48	14° 9	23°35	26°40	24°46	21° 3	15°44	28°17	28°R 3	29°11	24° 8	11°25	T 15
W16	1 50 10	25°56'36	2♒39	16° 9	15°20	23°57	26°44	24°48	21° 6	15°42	28°18	28° 2	29° 8	24°15	11°25	W16
T 17	1 54 7	26°56'57	14°32	17°29	16°31	24°20	26°49	24°50	21°10	15°41	28°18	28° 1	29° 5	24°22	11°25	T 17
F 18	1 58 3	27°57'20	26°24	18°48	17°43	24°44	26°54	24°52	21°13	15°40	28°18	27°58	29° 2	24°28	11°R25	F 18
S 19	2 2 0	28°57'44	8♓20	20° 5	18°54	25° 8	26°58	24°54	21°16	15°39	28°19	27°54	28°58	24°35	11°25	S 19
S 20	2 5 57	29°58'10	20°22	21°22	20° 5	25°32	27° 2	24°55	21°19	15°38	28°19	27°49	28°55	24°42	11°25	S 20
M21	2 9 53	0♏58'37	2♈34	22°36	21°17	25°57	27° 6	24°57	21°22	15°37	28°19	27°44	28°52	24°48	11°24	M21
T 22	2 13 50	1°59'05	14°58	23°49	22°29	26°22	27°10	24°58	21°25	15°36	28°19	27°40	28°49	24°55	11°24	T 22
W23	2 17 46	2°59'36	27°35	25° 0	23°40	26°47	27°14	24°59	21°29	15°35	28°19	27°36	28°46	25° 2	11°24	W23
T 24	2 21 43	4° 0'07	10♉25	26° 8	24°52	27°13	27°17	25° 0	21°32	15°34	28°19	27°34	28°43	25° 9	11°23	T 24
F 25	2 25 39	5° 0'41	23°28	27°14	26° 4	27°39	27°20	25° 2	21°35	15°33	28°19	27°D33	28°39	25°15	11°23	F 25
S 26	2 29 36	6° 1'16	6♊44	28°17	27°16	28° 5	27°24	25° 2	21°38	15°32	28°19	27°33	28°36	25°22	11°22	S 26
S 27	2 33 32	7° 1'53	20°11	29°16	28°28	28°32	27°26	25° 3	21°41	15°31	28°R20	27°34	28°33	25°29	11°21	S 27
M28	2 37 29	8° 2'32	3♋50	0♐12	29°41	28°59	27°29	25° 4	21°43	15°30	28°20	27°36	28°30	25°36	11°20	M28
T 29	2 41 26	9° 3'12	17°40	1° 4	0♎53	29°26	27°32	25° 5	21°46	15°29	28°19	27°37	28°27	25°42	11°19	T 29
W30	2 45 22	10° 3'54	1♌39	1°50	2° 6	29°54	27°34	25° 5	21°49	15°28	28°19	27°38	28°24	25°49	11°19	W30
T 31	2 49 19	11♏ 4'38	15♌47	2♐32	3♎18	0♓22	27♋36	25♋ 5	21♍52	15♓28	28♋19	27°R38	28♏20	25♒56	11♋17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s21	20n14	3s12	10s24	0s53	12n48	0n32	18s25	3s25	21n38	0n24	21n41	0n15	4n33	0n43	6s54	1s29	27n34	7n 3	19s59	20s17	9s16	15n44	7s25
W 2	4 44	17 57	4 5	11 3	0 59	12 27	0 35	18 16	3 21	21 36	0 24	21 40	0 15	4 32	0 43	6 55	1 28	27 34	7 3	19 59	20 16	9 13	15 43	7 26
T 3	5 8	14 33	4 43	11 42	1 6	12 7	0 39	18 7	3 17	21 35	0 24	21 40	0 15	4 30	0 43	6 55	1 28	27 34	7 3	19 59	20 15	9 11	15 42	7 27
F 4	5 31	10 13	5 5	12 20	1 13	11 45	0 43	17 58	3 13	21 34	0 24	21 39	0 15	4 29	0 43	6 56	1 28	27 34	7 4	19 58	20 14	9 9	15 41	7 27
S 5	5 55	5 14	5 7	12 58	1 19	11 24	0 47	17 48	3 9	21 33	0 25	21 39	0 15	4 27	0 43	6 56	1 28	27 34	7 4	19 56	20 14	9 7	15 41	7 28
S 6	6 18	0s 4	4 49	13 35	1 25	11 2	0 50	17 39	3 5	21 32	0 25	21 38	0 15	4 26	0 43	6 57	1 28	27 35	7 4	19 55	20 13	9 4	15 40	7 29
M 7	6 41	5 23	4 11	14 11	1 31	10 39	0 54	17 29	3 1	21 31	0 25	21 38	0 15	4 25	0 43	6 57	1 28	27 35	7 4	19 53	20 12	9 2	15 39	7 30
T 8	7 4	10 19	3 18	14 47	1 37	10 17	0 57	17 20	2 57	21 30	0 25	21 38	0 16	4 23	0 43	6 58	1 28	27 35	7 5	19 52	20 12	9 0	15 38	7 30
W 9	7 27	14 35	2 13	15 21	1 43	9 54	1 0	17 10	2 53	21 29	0 25	21 37	0 16	4 22	0 43	6 58	1 28	27 35	7 5	19 51	20 11	8 57	15 37	7 31
T 10	7 50	17 55	1 1	15 55	1 49	9 30	1 4	17 0	2 49	21 28	0 26	21 37	0 16	4 21	0 43	6 59	1 28	27 35	7 5	19 51	20 10	8 55	15 37	7 32
F 11	8 13	20 8	0n12	16 28	1 54	9 7	1 7	16 50	2 45	21 27	0 26	21 37	0 16	4 19	0 43	6 59	1 28	27 35	7 6	19 51	20 10	8 53	15 36	7 33
S 12	8 36	21 11	1 23	17 0	2 0	8 43	1 10	16 39	2 42	21 27	0 26	21 36	0 16	4 18	0 43	7 0	1 28	27 36	7 6	19 51	20 9	8 51	15 35	7 33
S 13	8 58	21 5	2 27	17 32	2 5	8 18	1 13	16 29	2 38	21 26	0 26	21 36	0 16	4 17	0 43	7 0	1 28	27 36	7 6	19 51	20 8	8 48	15 34	7 34
M14	9 21	19 57	3 23	18 2	2 9	7 54	1 16	16 18	2 35	21 25	0 26	21 36	0 16	4 15	0 43	7 1	1 28	27 36	7 6	19 51	20 8	8 46	15 33	7 35
T 15	9 43	17 54	4 9	18 31	2 14	7 29	1 18	16 7	2 31	21 24	0 27	21 35	0 16	4 14	0 43	7 1	1 28	27 36	7 7	19 52	20 7	8 44	15 33	7 36
W16	10 5	15 7	4 43	18 59	2 18	7 4	1 21	15 57	2 27	21 23	0 27	21 35	0 17	4 13	0 43	7 2	1 28	27 36	7 7	19 52	20 6	8 42	15 32	7 36
T 17	10 27	11 44	5 4	19 26	2 22	6 38	1 23	15 46	2 24	21 23	0 27	21 35	0 17	4 11	0 43	7 2	1 28	27 36	7 7	19 51	20 5	8 39	15 31	7 37
F 18	10 49	7 54	5 12	19 52	2 26	6 12	1 26	15 34	2 21	21 22	0 27	21 35	0 17	4 10	0 43	7 2	1 28	27 37	7 7	19 51	20 5	8 37	15 30	7 38
S 19	11 11	3 45	5 7	20 17	2 29	5 46	1 28	15 23	2 17	21 21	0 27	21 35	0 17	4 9	0 43	7 3	1 28	27 37	7 8	19 50	20 4	8 35	15 30	7 39
S 20	11 32	0n35	4 49	20 40	2 32	5 20	1 31	15 12	2 14	21 21	0 27	21 34	0 17	4 8	0 43	7 3	1 28	27 37	7 8	19 49	20 3	8 33	15 29	7 39
M21	11 54	4 57	4 17	21 2	2 34	4 54	1 33	15 0	2 11	21 20	0 28	21 34	0 17	4 7	0 43	7 4	1 28	27 37	7 8	19 47	20 3	8 30	15 28	7 40
T 22	12 15	9 12	3 33	21 22	2 36	4 27	1 35	14 49	2 8	21 20	0 28	21 34	0 17	4 5	0 43	7 4	1 28	27 38	7 9	19 46	20 2	8 28	15 28	7 41
W23	12 36	13 8	2 37	21 42	2 38	4 0	1 37	14 37	2 4	21 19	0 28	21 34	0 18	4 4	0 44	7 4	1 28	27 38	7 9	19 46	20 1	8 26	15 27	7 42
T 24	12 56	16 31	1 33	21 59	2 38	3 34	1 39	14 25	2 1	21 19	0 28	21 34	0 18	4 3	0 44	7 5	1 28	27 38	7 9	19 45	20 1	8 23	15 26	7 42
F 25	13 17	19 8	0 22	22 15	2 39	3 6	1 40	14 13	1 58	21 18	0 28	21 34	0 18	4 2	0 44	7 5	1 28	27 38	7 9	19 45	20 0	8 21	15 25	7 43
S 26	13 37	20 45	0s50	22 29	2 38	2 39	1 42	14 1	1 55	21 18	0 29	21 34	0 18	4 1	0 44	7 5	1 28	27 39	7 10	19 45	19 59	8 19	15 25	7 44
S 27	13 57	21 13	2 2	22 41	2 37	2 12	1 44	13 49	1 52	21 17	0 29	21 34	0 18	3 59	0 44	7 6	1 28	27 39	7 10	19 45	19 58	8 17	15 24	7 44
M28	14 17	20 26	3 7	22 51	2 35	1 44	1 45	13 37	1 49	21 17	0 29	21 34	0 18	3 58	0 44	7 6	1 28	27 39	7 10	19 46	19 58	8 14	15 23	7 45
T 29	14 37	18 25	4 2	23 0	2 32	1 16	1 46	13 24	1 46	21 17	0 29	21 34	0 18	3 57	0 44	7 6	1 28	27 39	7 10	19 46	19 57	8 12	15 23	7 46
W30	14 56	15 19	4 44	23 5	2 28	0 48	1 48	13 12	1 43	21 16	0 30	21 34	0 18	3 56	0 44	7 7	1 28	27 40	7 11	19 46	19 56	8 10	15 22	7 47
T 31	15s15	11n17	5s 9	23s 9	2s23	0n21	1n49	12s59	1s41	21n16	0n30	21n34	0n19	3n55	0n44	7s 7	1s28	27n40	7n11	19s46	19s56	8s 7	15n22	7s47

Julian Day Number = 1980293.5, Delta T = 59m20s
Ecliptic obliquity = 23°36'17, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'06, Lahiri = 5°53'07 Julian Calendar 1 Oct. 709 == Greg. Calendar 5 Oct. 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

NOVEMBER 709 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 53 15	12♏ 5'24	0♍ 2	3♐ 7	4♎31	0♓50	27♋38	25♋ 6	21♍55	15°R27	28°R19	27°R37	28♏17	26♒ 2	11°R16	F 1
S 2	2 57 12	13° 6'11	14°21	3°35	5°44	1°19	27°40	25° 6	21°57	15♓26	28♋19	27♏36	28°14	26° 9	11♋15	S 2
S 3	3 1 8	14° 6'59	28°41	3°56	6°56	1°47	27°42	25°R 6	22° 0	15°25	28°19	27°34	28°11	26°16	11°14	S 3
M 4	3 5 5	15° 7'50	12♎57	4° 8	8° 9	2°16	27°43	25° 6	22° 3	15°25	28°19	27°32	28° 8	26°23	11°12	M 4
T 5	3 9 1	16° 8'42	27° 6	4°R11	9°22	2°46	27°44	25° 6	22° 5	15°24	28°18	27°31	28° 4	26°29	11°11	T 5
W 6	3 12 58	17° 9'35	11♏ 3	4° 4	10°35	3°15	27°45	25° 5	22° 8	15°24	28°18	27°30	28° 1	26°36	11° 9	W 6
T 7	3 16 55	18°10'29	24°43	3°46	11°48	3°45	27°46	25° 5	22°11	15°23	28°18	27°D30	27°58	26°43	11° 8	T 7
F 8	3 20 51	19°11'25	8♐ 5	3°18	13° 2	4°15	27°47	25° 4	22°13	15°22	28°18	27°30	27°55	26°49	11° 6	F 8
S 9	3 24 48	20°12'22	21° 8	2°38	14°15	4°46	27°47	25° 4	22°15	15°22	28°17	27°30	27°52	26°56	11° 4	S 9
S 10	3 28 44	21°13'19	3♑51	1°47	15°28	5°16	27°47	25° 3	22°18	15°21	28°17	27°31	27°49	27° 3	11° 2	S 10
M11	3 32 41	22°14'18	16°17	0°47	16°42	5°47	27°R47	25° 2	22°20	15°21	28°16	27°32	27°45	27°10	11° 0	M11
T 12	3 36 37	23°15'17	28°28	29♏38	17°55	6°18	27°47	25° 1	22°22	15°21	28°16	27°32	27°42	27°16	10°58	T 12
W13	3 40 34	24°16'17	10♒29	28°21	19° 9	6°49	27°47	25° 0	22°25	15°20	28°15	27°32	27°39	27°23	10°56	W13
T 14	3 44 30	25°17'18	22°23	27° 0	20°22	7°21	27°46	24°59	22°27	15°20	28°15	27°R33	27°36	27°30	10°54	T 14
F 15	3 48 27	26°18'20	4♓15	25°37	21°36	7°53	27°45	24°58	22°29	15°20	28°14	27°33	27°33	27°37	10°52	F 15
S 16	3 52 24	27°19'22	16°11	24°15	22°49	8°25	27°44	24°56	22°31	15°19	28°14	27°D33	27°30	27°43	10°50	S 16
S 17	3 56 20	28°20'25	28°14	22°57	24° 3	8°57	27°43	24°55	22°33	15°19	28°13	27°33	27°26	27°50	10°47	S 17
M18	4 0 17	29°21'28	10♈29	21°45	25°17	9°29	27°42	24°53	22°35	15°19	28°13	27°33	27°23	27°57	10°45	M18
T 19	4 4 13	0♗22'32	22°59	20°40	26°31	10° 1	27°40	24°51	22°37	15°19	28°12	27°33	27°20	28° 3	10°42	T 19
W20	4 8 10	1°23'37	5♉46	19°46	27°45	10°34	27°39	24°49	22°39	15°19	28°12	27°33	27°17	28°10	10°40	W20
T 21	4 12 6	2°24'42	18°52	19° 2	28°58	11° 7	27°37	24°47	22°41	15°19	28°11	27°34	27°14	28°17	10°37	T 21
F 22	4 16 3	3°25'48	2♊17	18°29	0♏12	11°39	27°35	24°45	22°43	15°18	28°10	27°R34	27°10	28°24	10°34	F 22
S 23	4 19 59	4°26'54	15°59	18° 7	1°26	12°13	27°32	24°43	22°45	15°D18	28° 9	27°33	27° 7	28°30	10°32	S 23
S 24	4 23 56	5°28'02	29°56	17°56	2°40	12°46	27°30	24°41	22°47	15°18	28° 9	27°33	27° 4	28°37	10°29	S 24
M25	4 27 53	6°29'10	14♋ 3	17°D56	3°55	13°19	27°27	24°39	22°48	15°18	28° 8	27°32	27° 1	28°44	10°26	M25
T 26	4 31 49	7°30'19	28°18	18° 5	5° 9	13°53	27°24	24°36	22°50	15°19	28° 7	27°30	26°58	28°51	10°23	T 26
W27	4 35 46	8°31'28	12♌35	18°23	6°23	14°26	27°21	24°34	22°51	15°19	28° 6	27°29	26°55	28°57	10°20	W27
T 28	4 39 42	9°32'38	26°51	18°49	7°37	15° 0	27°18	24°31	22°53	15°19	28° 6	27°28	26°51	29° 4	10°17	T 28
F 29	4 43 39	10°33'49	11♍ 3	19°22	8°51	15°34	27°14	24°28	22°54	15°19	28° 5	27°D28	26°48	29°11	10°14	F 29
S 30	4 47 35	11♐35'01	25♍10	20♏ 2	10♏ 6	16♓ 8	27♋11	24♋25	22♍56	15♓19	28♋ 4	27♏28	26♏45	29♒17	10♋11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s34	6n37	5s16	23s10	2s17	0s 7	1n50	12s47	1s38	21n16	0n30	21n34	0n19	3n54	0n44	7s 7	1s28	27n40	7n11	19s46	19s55	8s 5	15n21	7s48
S 2	15 53	1 33	5 3	23 9	2 10	0 36	1 51	12 34	1 35	21 16	0 30	21 34	0 19	3 53	0 44	7 7	1 28	27 41	7 12	19 46	19 54	8 3	15 20	7 49
S 3	16 11	3s36	4 31	23 4	2 1	1 4	1 52	12 21	1 32	21 16	0 30	21 34	0 19	3 52	0 44	7 8	1 28	27 41	7 12	19 45	19 54	8 1	15 20	7 49
M 4	16 29	8 33	3 42	22 57	1 52	1 32	1 53	12 8	1 30	21 16	0 31	21 34	0 19	3 51	0 44	7 8	1 28	27 41	7 12	19 45	19 53	7 58	15 19	7 50
T 5	16 47	13 0	2 40	22 46	1 40	2 0	1 53	11 55	1 27	21 16	0 31	21 35	0 19	3 50	0 44	7 8	1 28	27 41	7 12	19 44	19 52	7 56	15 19	7 51
W 6	17 4	16 40	1 30	22 32	1 27	2 28	1 54	11 42	1 25	21 16	0 31	21 35	0 19	3 49	0 44	7 8	1 28	27 42	7 13	19 44	19 51	7 54	15 18	7 51
T 7	17 22	19 20	0 15	22 14	1 13	2 57	1 55	11 28	1 22	21 16	0 31	21 35	0 20	3 48	0 44	7 9	1 27	27 42	7 13	19 44	19 51	7 51	15 18	7 52
F 8	17 39	20 51	0n58	21 53	0 56	3 25	1 55	11 15	1 20	21 16	0 31	21 35	0 20	3 47	0 44	7 9	1 27	27 42	7 13	19 44	19 50	7 49	15 17	7 53
S 9	17 55	21 11	2 7	21 28	0 39	3 53	1 55	11 1	1 17	21 16	0 32	21 36	0 20	3 46	0 44	7 9	1 27	27 43	7 13	19 44	19 49	7 47	15 16	7 53
S 10	18 11	20 25	3 8	21 0	0 20	4 21	1 56	10 48	1 15	21 16	0 32	21 36	0 20	3 45	0 44	7 9	1 27	27 43	7 14	19 44	19 48	7 45	15 16	7 54
M11	18 27	18 39	3 59	20 28	0 1	4 49	1 56	10 34	1 12	21 16	0 32	21 36	0 20	3 44	0 44	7 9	1 27	27 43	7 14	19 45	19 48	7 42	15 15	7 55
T 12	18 43	16 5	4 37	19 53	0n20	5 18	1 56	10 21	1 10	21 16	0 32	21 36	0 20	3 43	0 44	7 9	1 27	27 44	7 14	19 45	19 47	7 40	15 15	7 55
W13	18 58	12 52	5 3	19 17	0 40	5 46	1 56	10 7	1 8	21 17	0 32	21 37	0 20	3 42	0 44	7 9	1 27	27 44	7 14	19 45	19 46	7 38	15 14	7 56
T 14	19 13	9 10	5 16	18 39	1 0	6 14	1 56	9 53	1 5	21 17	0 33	21 37	0 20	3 41	0 44	7 9	1 27	27 44	7 15	19 45	19 46	7 36	15 14	7 57
F 15	19 28	5 8	5 15	18 0	1 20	6 41	1 55	9 39	1 3	21 17	0 33	21 37	0 21	3 41	0 44	7 10	1 27	27 45	7 15	19 45	19 45	7 33	15 14	7 57
S 16	19 42	0 52	5 1	17 23	1 38	7 9	1 55	9 25	1 1	21 18	0 33	21 38	0 21	3 40	0 44	7 10	1 27	27 45	7 15	19 45	19 44	7 31	15 13	7 58
S 17	19 56	3n28	4 33	16 47	1 55	7 37	1 55	9 11	0 59	21 18	0 33	21 38	0 21	3 39	0 44	7 10	1 27	27 46	7 15	19 45	19 43	7 29	15 13	7 59
M18	20 9	7 44	3 53	16 15	2 9	8 4	1 54	8 56	0 56	21 19	0 34	21 39	0 21	3 38	0 44	7 10	1 27	27 46	7 16	19 45	19 43	7 26	15 12	7 59
T 19	20 22	11 47	3 0	15 46	2 22	8 32	1 54	8 42	0 54	21 19	0 34	21 39	0 21	3 38	0 44	7 10	1 27	27 46	7 16	19 45	19 42	7 24	15 12	8 0
W20	20 35	15 23	1 58	15 22	2 32	8 59	1 53	8 28	0 52	21 20	0 34	21 40	0 21	3 37	0 44	7 10	1 27	27 47	7 16	19 45	19 41	7 22	15 12	8 0
T 21	20 47	18 19	0 48	15 2	2 40	9 26	1 52	8 13	0 50	21 20	0 34	21 40	0 21	3 36	0 44	7 10	1 27	27 47	7 16	19 45	19 40	7 20	15 11	8 1
F 22	20 59	20 20	0s26	14 48	2 45	9 53	1 52	7 59	0 48	21 21	0 34	21 41	0 22	3 35	0 44	7 10	1 27	27 47	7 17	19 45	19 40	7 17	15 11	8 1
S 23	21 11	21 12	1 40	14 38	2 49	10 19	1 51	7 44	0 46	21 22	0 35	21 41	0 22	3 35	0 44	7 10	1 27	27 48	7 17	19 45	19 39	7 15	15 10	8 2
S 24	21 22	20 46	2 50	14 33	2 51	10 46	1 50	7 30	0 44	21 23	0 35	21 42	0 22	3 34	0 45	7 10	1 27	27 48	7 17	19 45	19 38	7 13	15 10	8 3
M25	21 32	19 3	3 50	14 33	2 51	11 12	1 49	7 15	0 42	21 23	0 35	21 42	0 22	3 33	0 45	7 10	1 27	27 49	7 17	19 45	19 38	7 10	15 10	8 3
T 26	21 43	16 8	4 36	14 37	2 50	11 38	1 48	7 0	0 40	21 24	0 35	21 43	0 22	3 33	0 45	7 10	1 27	27 49	7 18	19 44	19 37	7 8	15 9	8 4
W27	21 53	12 15	5 6	14 44	2 48	12 4	1 47	6 45	0 39	21 25	0 36	21 43	0 22	3 32	0 45	7 9	1 27	27 49	7 18	19 44	19 36	7 6	15 9	8 4
T 28	22 2	7 41	5 16	14 54	2 44	12 29	1 45	6 31	0 37	21 26	0 36	21 44	0 22	3 32	0 45	7 9	1 27	27 50	7 18	19 44	19 35	7 4	15 9	8 5
F 29	22 11	2 44	5 8	15 8	2 40	12 54	1 44	6 16	0 35	21 27	0 36	21 45	0 23	3 31	0 45	7 9	1 27	27 50	7 18	19 44	19 35	7 1	15 9	8 5
S 30	22s20	2s21	4s40	15s23	2n35	13s19	1n43	6s 1	0s33	21n28	0n36	21n45	0n23	3n31	0n45	7s 9	1s27	27n51	7n19	19s44	19s34	6s59	15n 8	8s 6

Julian Day Number = 1980324.5, Delta T = 59m19s
Ecliptic obliquity = 23°36'17, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'10, Lahiri = 5°53'11 Julian Calendar 1 Nov. 709 == Greg. Calendar 5 Nov. 709

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ASTRODIENST EPHEMERIS for the year 709
geocentric

DECEMBER 709 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 51 32	12♐36'13	9♎ 8	20♏47	11♏20	16♓42	27°R 7	24°R22	22♍57	15♓19	28°R 3	27♏29	26♏42	29♒24	10°R 8	S 1
M 2	4 55 28	13°37'26	22°58	21°37	12°34	17°17	27♋ 3	24♋19	22°59	15°20	28♋ 2	27°31	26°39	29°31	10♋ 4	M 2
T 3	4 59 25	14°38'39	6♏37	22°32	13°49	17°51	26°59	24°16	23° 0	15°20	28° 1	27°32	26°36	29°38	10° 1	T 3
W 4	5 3 22	15°39'53	20° 5	23°31	15° 3	18°26	26°54	24°13	23° 1	15°20	28° 0	27°33	26°32	29°44	9°58	W 4
T 5	5 7 18	16°41'07	3♐21	24°34	16°17	19° 0	26°50	24°10	23° 2	15°21	27°59	27°R33	26°29	29°51	9°54	T 5
F 6	5 11 15	17°42'22	16°23	25°39	17°32	19°35	26°45	24° 6	23° 3	15°21	27°58	27°32	26°26	29°58	9°51	F 6
S 7	5 15 11	18°43'37	29°12	26°48	18°46	20°10	26°40	24° 3	23° 4	15°22	27°57	27°30	26°23	0♓ 5	9°47	S 7
S 8	5 19 8	19°44'51	11♑47	27°58	20° 1	20°45	26°35	23°59	23° 5	15°22	27°56	27°26	26°20	0°11	9°44	S 8
M 9	5 23 4	20°46'06	24° 8	29°11	21°15	21°20	26°30	23°56	23° 6	15°23	27°55	27°23	26°16	0°18	9°40	M 9
T 10	5 27 1	21°47'20	6♒18	0♐26	22°30	21°56	26°24	23°52	23° 7	15°23	27°54	27°18	26°13	0°25	9°37	T 10
W11	5 30 58	22°48'35	18°18	1°42	23°44	22°31	26°19	23°48	23° 8	15°24	27°53	27°14	26°10	0°31	9°33	W11
T 12	5 34 54	23°49'48	0♓12	3° 0	24°59	23° 6	26°13	23°44	23° 9	15°25	27°52	27°11	26° 7	0°38	9°30	T 12
F 13	5 38 51	24°51'02	12° 4	4°20	26°14	23°42	26° 7	23°40	23° 9	15°25	27°51	27° 9	26° 4	0°45	9°26	F 13
S 14	5 42 47	25°52'15	23°57	5°40	27°28	24°18	26° 1	23°36	23°10	15°26	27°49	27°D 8	26° 1	0°52	9°22	S 14
S 15	5 46 44	26°53'27	5♈58	7° 2	28°43	24°53	25°55	23°32	23°11	15°27	27°48	27° 8	25°57	0°58	9°18	S 15
M16	5 50 40	27°54'40	18°10	8°25	29°57	25°29	25°49	23°28	23°11	15°27	27°47	27°10	25°54	1° 5	9°15	M16
T 17	5 54 37	28°55'51	0♉39	9°49	1♐12	26° 5	25°43	23°24	23°12	15°28	27°46	27°11	25°51	1°12	9°11	T 17
W18	5 58 33	29°57'02	13°28	11°13	2°27	26°41	25°36	23°20	23°12	15°29	27°45	27°13	25°48	1°18	9° 7	W18
T 19	6 2 30	0♑58'13	26°41	12°38	3°41	27°17	25°29	23°15	23°13	15°30	27°43	27°R14	25°45	1°25	9° 3	T 19
F 20	6 6 27	1°59'23	10♊19	14° 5	4°56	27°53	25°23	23°11	23°13	15°31	27°42	27°13	25°42	1°32	8°59	F 20
S 21	6 10 23	3° 0'32	24°21	15°31	6°11	28°29	25°16	23° 7	23°13	15°32	27°41	27°11	25°38	1°39	8°56	S 21
S 22	6 14 20	4° 1'41	8♋43	16°59	7°25	29° 5	25° 9	23° 2	23°13	15°33	27°40	27° 6	25°35	1°45	8°52	S 22
M23	6 18 16	5° 2'50	23°21	18°27	8°40	29°42	25° 2	22°58	23°13	15°34	27°38	27° 1	25°32	1°52	8°48	M23
T 24	6 22 13	6° 3'58	8♌ 6	19°56	9°55	0♈18	24°55	22°53	23°14	15°35	27°37	26°54	25°29	1°59	8°44	T 24
W25	6 26 9	7° 5'05	22°51	21°25	11° 9	0°54	24°47	22°48	23°R14	15°36	27°36	26°48	25°26	2° 6	8°40	W25
T 26	6 30 6	8° 6'12	7♍28	22°55	12°24	1°31	24°40	22°44	23°14	15°37	27°34	26°43	25°22	2°12	8°36	T 26
F 27	6 34 2	9° 7'19	21°53	24°26	13°39	2° 7	24°33	22°39	23°14	15°38	27°33	26°40	25°19	2°19	8°32	F 27
S 28	6 37 59	10° 8'25	6♎ 1	25°57	14°54	2°44	24°25	22°34	23°13	15°39	27°32	26°D39	25°16	2°26	8°29	S 28
S 29	6 41 56	11° 9'31	19°53	27°29	16° 8	3°21	24°18	22°30	23°13	15°40	27°30	26°39	25°13	2°32	8°25	S 29
M30	6 45 52	12°10'37	3♏27	29° 1	17°23	3°57	24°10	22°25	23°13	15°42	27°29	26°40	25°10	2°39	8°21	M30
T 31	6 49 49	13♑11'42	16♏45	0♑34	18♐38	4♈34	24♋ 2	22♋20	23♍13	15♓43	27♋28	26♏41	25♏ 7	2♓46	8♋17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s28	7s16	3s57	15s41	2n29	13s44	1n41	5s46	0s31	21n29	0n36	21n46	0n23	3n30	0n45	7s 9	1s26	27n51	7n19	19s44	19s33	6s57	15n 8	8s 6	
M 2	22 36	11 46	3 0	16 0	2 22	14 8	1 40	5 31	0 30	21 30	0 37	21 47	0 23	3 30	0 45	7 9	1 26	27 51	7 19	19 44	19 32	6 54	15 8	8 7	
T 3	22 43	15 36	1 53	16 21	2 16	14 32	1 38	5 16	0 28	21 31	0 37	21 47	0 23	3 29	0 45	7 9	1 26	27 52	7 19	19 45	19 32	6 52	15 8	8 7	
W 4	22 50	18 33	0 41	16 42	2 9	14 56	1 36	5 0	0 26	21 32	0 37	21 48	0 23	3 29	0 45	7 8	1 26	27 52	7 20	19 45	19 31	6 50	15 7	8 7	
T 5	22 56	20 27	0n32	17 5	2 1	15 19	1 35	4 45	0 24	21 33	0 37	21 49	0 23	3 28	0 45	7 8	1 26	27 53	7 20	19 45	19 30	6 48	15 7	8 8	
F 6	23 2	21 13	1 42	17 28	1 53	15 42	1 33	4 30	0 23	21 34	0 37	21 49	0 24	3 28	0 45	7 8	1 26	27 53	7 20	19 45	19 29	6 45	15 7	8 8	
S 7	23 7	20 51	2 46	17 52	1 46	16 4	1 31	4 15	0 21	21 35	0 38	21 50	0 24	3 27	0 45	7 8	1 26	27 54	7 20	19 44	19 29	6 43	15 7	8 9	
S 8	23 12	19 26	3 40	18 16	1 38	16 26	1 29	3 59	0 20	21 36	0 38	21 51	0 24	3 27	0 45	7 8	1 26	27 54	7 20	19 43	19 28	6 41	15 7	8 9	
M 9	23 17	17 7	4 23	18 40	1 29	16 48	1 27	3 44	0 18	21 37	0 38	21 52	0 24	3 27	0 45	7 7	1 26	27 54	7 21	19 43	19 27	6 38	15 7	8 10	
T 10	23 21	14 6	4 53	19 3	1 21	17 9	1 25	3 29	0 17	21 39	0 38	21 52	0 24	3 26	0 45	7 7	1 26	27 55	7 21	19 42	19 26	6 36	15 7	8 10	
W11	23 24	10 32	5 10	19 27	1 13	17 29	1 23	3 13	0 15	21 40	0 38	21 53	0 24	3 26	0 45	7 7	1 26	27 55	7 21	19 41	19 26	6 34	15 6	8 10	
T 12	23 28	6 36	5 13	19 51	1 5	17 50	1 21	2 58	0 14	21 41	0 39	21 54	0 24	3 26	0 45	7 7	1 26	27 56	7 21	19 40	19 25	6 32	15 6	8 11	
F 13	23 30	2 25	5 3	20 14	0 57	18 10	1 19	2 42	0 12	21 42	0 39	21 55	0 24	3 26	0 45	7 6	1 26	27 56	7 21	19 39	19 24	6 29	15 6	8 11	
S 14	23 32	1n52	4 40	20 36	0 49	18 29	1 17	2 27	0 11	21 44	0 39	21 56	0 25	3 25	0 45	7 6	1 26	27 57	7 22	19 39	19 23	6 27	15 6	8 11	
S 15	23 34	6 7	4 5	20 58	0 41	18 48	1 15	2 11	0 9	21 45	0 39	21 57	0 25	3 25	0 45	7 6	1 26	27 57	7 22	19 39	19 23	6 25	15 6	8 12	
M16	23 35	10 13	3 18	21 19	0 33	19 6	1 13	1 56	0 8	21 46	0 39	21 57	0 25	3 25	0 45	7 5	1 26	27 57	7 22	19 40	19 22	6 22	15 6	8 12	
T 17	23 36	13 58	2 20	21 40	0 25	19 24	1 10	1 40	0 6	21 48	0 40	21 58	0 25	3 25	0 45	7 5	1 26	27 58	7 22	19 40	19 21	6 20	15 6	8 12	
W18	23 36	17 10	1 14	22 0	0 17	19 41	1 8	1 24	0 5	21 49	0 40	21 59	0 25	3 25	0 45	7 5	1 26	27 58	7 22	19 40	19 20	6 18	15 6	8 12	
T 19	23 36	19 36	0 3	22 19	0 9	19 58	1 6	1 9	0 4	21 51	0 40	22 0	0 25	3 25	0 46	7 4	1 26	27 59	7 22	19 41	19 20	6 15	15 6	8 13	
F 20	23 35	20 59	1s11	22 37	0 1	20 14	1 3	0 53	0 2	21 52	0 40	22 1	0 25	3 24	0 46	7 4	1 26	27 59	7 23	19 40	19 19	6 13	15 6	8 13	
S 21	23 34	21 7	2 22	22 55	0s 6	20 29	1 1	0 37	0 1	21 54	0 40	22 2	0 25	3 24	0 46	7 3	1 26	28 0	7 23	19 40	19 18	6 11	15 6	8 13	
S 22	23 33	19 53	3 27	23 11	0 13	20 44	0 58	0 22	0n 0	21 55	0 41	22 3	0 26	3 24	0 46	7 3	1 26	28 0	7 23	19 39	19 17	6 9	15 6	8 13	
M23	23 30	17 20	4 18	23 26	0 20	20 59	0 56	0 6	0 2	21 56	0 41	22 3	0 26	3 24	0 46	7 3	1 26	28 0	7 23	19 37	19 17	6 6	15 6	8 13	
T 24	23 28	13 39	4 53	23 41	0 27	21 13	0 53	0n10	0 3	21 58	0 41	22 4	0 26	3 24	0 46	7 2	1 26	28 1	7 23	19 36	19 16	6 4	15 6	8 14	
W25	23 25	9 8	5 9	23 54	0 34	21 26	0 51	0 25	0 4	21 59	0 41	22 5	0 26	3 24	0 46	7 2	1 25	28 1	7 23	19 35	19 15	6 2	15 6	8 14	
T 26	23 21	4 7	5 4	24 6	0 41	21 39	0 48	0 41	0 5	22 1	0 41	22 6	0 26	3 24	0 46	7 1	1 25	28 2	7 24	19 34	19 14	5 59	15 6	8 14	
F 27	23 17	1s 3	4 40	24 17	0 47	21 50	0 46	0 57	0 6	22 2	0 41	22 7	0 26	3 24	0 46	7 1	1 25	28 2	7 24	19 33	19 14	5 57	15 7	8 14	
S 28	23 13	6 4	4 0	24 26	0 54	22 2	0 43	1 13	0 8	22 4	0 42	22 8	0 26	3 25	0 46	7 0	1 25	28 2	7 24	19 32	19 13	5 55	15 7	8 14	
S 29	23 8	10 41	3 6	24 35	1 0	22 13	0 40	1 28	0 9	22 5	0 42	22 9	0 26	3 25	0 46	7 0	1 25	28 3	7 24	19 32	19 12	5 53	15 7	8 14	
M30	23 3	14 40	2 2	24 42	1 6	22 23	0 38	1 44	0 10	22 7	0 42	22 10	0 27	3 25	0 46	6 59	1 25	28 3	7 24	19 33	19 11	5 50	15 7	8 14	
T 31	22s57	17s49	0s53	24s47	1s11	22s32	0n35	2n 0	0n11	22n 8	0n42	22n11	0n27	3n25	0n46	6s59	1s25	28n 4	7n24	19s33	19s10	5s48	15n 7	8s14	

Julian Day Number = 1980354.5, Delta T = 59m19s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'14, Lahiri = 5°53'15 Julian Calendar 1 Dec. 709 == Greg. Calendar 5 Dec. 709

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ASTRODIENST EPHEMERIS for the year 710
geocentric

JANUARY 710 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 53 45	14♑12'46	29♏50	2♑ 8	19♐53	5♈11	23°R54	22°R15	23°R12	15♓44	27°R26	26°R42	25♏ 3	2♓53	8°R13	W 1
T 2	6 57 42	15°13'50	12♐42	3°42	21° 8	5°48	23♋47	22♋10	23♍12	15°45	27♋25	26♏40	25° 0	2°59	8♋ 9	T 2
F 3	7 1 38	16°14'53	25°23	5°17	22°22	6°25	23°39	22° 6	23°11	15°47	27°24	26°37	24°57	3° 6	8° 5	F 3
S 4	7 5 35	17°15'55	7♑54	6°52	23°37	7° 2	23°31	22° 1	23°11	15°48	27°22	26°30	24°54	3°13	8° 1	S 4
S 5	7 9 31	18°16'56	20°15	8°28	24°52	7°39	23°23	21°56	23°10	15°49	27°21	26°22	24°51	3°20	7°58	S 5
M 6	7 13 28	19°17'57	2♒27	10° 5	26° 7	8°16	23°15	21°51	23°10	15°51	27°19	26°12	24°48	3°26	7°54	M 6
T 7	7 17 25	20°18'56	14°31	11°42	27°22	8°53	23° 7	21°46	23° 9	15°52	27°18	26° 1	24°44	3°33	7°50	T 7
W 8	7 21 21	21°19'53	26°29	13°20	28°36	9°30	22°59	21°41	23° 8	15°54	27°17	25°50	24°41	3°40	7°46	W 8
T 9	7 25 18	22°20'50	8♓21	14°59	29°51	10° 7	22°51	21°36	23° 7	15°55	27°15	25°40	24°38	3°46	7°43	T 9
F 10	7 29 14	23°21'45	20°12	16°39	1♑ 6	10°44	22°43	21°31	23° 7	15°57	27°14	25°32	24°35	3°53	7°39	F 10
S 11	7 33 11	24°22'39	2♈ 3	18°19	2°21	11°22	22°35	21°26	23° 6	15°58	27°12	25°27	24°32	4° 0	7°35	S 11
S 12	7 37 7	25°23'31	14° 1	20° 0	3°35	11°59	22°27	21°21	23° 5	16° 0	27°11	25°24	24°28	4° 7	7°31	S 12
M13	7 41 4	26°24'22	26° 9	21°41	4°50	12°36	22°19	21°16	23° 4	16° 2	27° 9	25°D24	24°25	4°13	7°28	M13
T 14	7 45 0	27°25'11	8♉32	23°24	6° 5	13°14	22°11	21°12	23° 3	16° 3	27° 8	25°24	24°22	4°20	7°24	T 14
W15	7 48 57	28°25'59	21°17	25° 7	7°20	13°51	22° 3	21° 7	23° 2	16° 5	27° 7	25°R25	24°19	4°27	7°21	W15
T 16	7 52 54	29°26'45	4♊26	26°51	8°35	14°29	21°55	21° 2	23° 0	16° 6	27° 5	25°24	24°16	4°33	7°17	T 16
F 17	7 56 50	0♒27'30	18° 4	28°35	9°49	15° 6	21°47	20°57	22°59	16° 8	27° 4	25°22	24°13	4°40	7°14	F 17
S 18	8 0 47	1°28'13	2♋12	0♒21	11° 4	15°44	21°40	20°52	22°58	16°10	27° 2	25°17	24° 9	4°47	7°10	S 18
S 19	8 4 43	2°28'54	16°46	2° 7	12°19	16°21	21°32	20°48	22°57	16°12	27° 1	25°10	24° 6	4°54	7° 7	S 19
M20	8 8 40	3°29'34	1♌42	3°54	13°34	16°59	21°24	20°43	22°55	16°13	27° 0	25° 1	24° 3	5° 0	7° 4	M20
T 21	8 12 36	4°30'12	16°50	5°42	14°48	17°36	21°17	20°38	22°54	16°15	26°58	24°50	24° 0	5° 7	7° 0	T 21
W22	8 16 33	5°30'49	2♍ 1	7°31	16° 3	18°14	21° 9	20°33	22°53	16°17	26°57	24°40	23°57	5°14	6°57	W22
T 23	8 20 29	6°31'24	17° 3	9°20	17°18	18°51	21° 1	20°29	22°51	16°19	26°55	24°30	23°54	5°21	6°54	T 23
F 24	8 24 26	7°31'58	1♎48	11°10	18°33	19°29	20°54	20°24	22°50	16°21	26°54	24°24	23°50	5°27	6°51	F 24
S 25	8 28 23	8°32'31	16°11	13° 1	19°47	20° 6	20°47	20°20	22°48	16°23	26°53	24°19	23°47	5°34	6°47	S 25
S 26	8 32 19	9°33'02	0♏ 9	14°52	21° 2	20°44	20°39	20°15	22°46	16°24	26°51	24°18	23°44	5°41	6°44	S 26
M27	8 36 16	10°33'32	13°42	16°43	22°17	21°22	20°32	20°11	22°45	16°26	26°50	24°D17	23°41	5°47	6°41	M27
T 28	8 40 12	11°34'01	26°54	18°35	23°31	21°59	20°25	20° 6	22°43	16°28	26°48	24°R17	23°38	5°54	6°38	T 28
W29	8 44 9	12°34'28	9♐47	20°28	24°46	22°37	20°18	20° 2	22°41	16°30	26°47	24°17	23°34	6° 1	6°35	W29
T 30	8 48 5	13°34'54	22°24	22°20	26° 1	23°15	20°11	19°58	22°39	16°32	26°46	24°14	23°31	6° 8	6°33	T 30
F 31	8 52 2	14♒35'19	4♑49	24♒12	27♑16	23♈53	20♋ 5	19♋53	22♍38	16♓34	26♋44	24♏ 8	23♏28	6♓14	6♋30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s50	19s59	0n17	24s52	1s17	22s41	0n32	2n15	0n12	22n10	0n42	22n12	0n27	3n25	0n46	6s58	1s25	28n 4	7n24	19s33	19s10	5s46	15n 7	8s15	
T 2	22 44	21 4	1 25	24 55	1 22	22 49	0 30	2 31	0 13	22 12	0 42	22 12	0 27	3 25	0 46	6 58	1 25	28 5	7 25	19 33	19 9	5 43	15 7	8 15	
F 3	22 36	21 3	2 28	24 56	1 27	22 56	0 27	2 47	0 14	22 13	0 43	22 13	0 27	3 26	0 46	6 57	1 25	28 5	7 25	19 32	19 8	5 41	15 8	8 15	
S 4	22 29	20 0	3 23	24 57	1 31	23 3	0 24	3 3	0 15	22 15	0 43	22 14	0 27	3 26	0 46	6 57	1 25	28 5	7 25	19 30	19 7	5 39	15 8	8 15	
S 5	22 21	18 0	4 7	24 55	1 36	23 9	0 22	3 18	0 16	22 16	0 43	22 15	0 27	3 26	0 46	6 56	1 25	28 6	7 25	19 28	19 7	5 37	15 8	8 15	
M 6	22 12	15 13	4 39	24 53	1 40	23 14	0 19	3 34	0 17	22 18	0 43	22 16	0 27	3 26	0 46	6 55	1 25	28 6	7 25	19 26	19 6	5 34	15 8	8 15	
T 7	22 3	11 49	4 59	24 48	1 44	23 18	0 16	3 50	0 18	22 19	0 43	22 17	0 27	3 27	0 46	6 55	1 25	28 7	7 25	19 23	19 5	5 32	15 8	8 15	
W 8	21 54	8 0	5 5	24 42	1 47	23 22	0 14	4 5	0 19	22 21	0 43	22 18	0 28	3 27	0 46	6 54	1 25	28 7	7 25	19 21	19 4	5 30	15 9	8 15	
T 9	21 44	3 54	4 57	24 35	1 50	23 25	0 11	4 21	0 20	22 22	0 43	22 19	0 28	3 27	0 46	6 54	1 25	28 7	7 25	19 19	19 3	5 27	15 9	8 15	
F 10	21 34	0n20	4 37	24 26	1 53	23 28	0 8	4 36	0 21	22 24	0 44	22 20	0 28	3 28	0 46	6 53	1 25	28 8	7 25	19 17	19 3	5 25	15 9	8 14	
S 11	21 23	4 34	4 5	24 15	1 56	23 29	0 6	4 52	0 22	22 25	0 44	22 21	0 28	3 28	0 46	6 52	1 25	28 8	7 25	19 15	19 2	5 23	15 9	8 14	
S 12	21 12	8 40	3 22	24 3	1 58	23 30	0 3	5 8	0 23	22 26	0 44	22 21	0 28	3 29	0 46	6 52	1 25	28 8	7 26	19 15	19 1	5 21	15 10	8 14	
M13	21 1	12 29	2 30	23 49	2 0	23 31	0 0	5 23	0 24	22 28	0 44	22 22	0 28	3 29	0 46	6 51	1 25	28 9	7 26	19 15	19 0	5 18	15 10	8 14	
T 14	20 49	15 51	1 29	23 33	2 1	23 30	0s 2	5 39	0 25	22 29	0 44	22 23	0 28	3 29	0 47	6 50	1 25	28 9	7 26	19 15	19 0	5 16	15 10	8 14	
W15	20 37	18 33	0 22	23 16	2 2	23 29	0 5	5 54	0 26	22 31	0 44	22 24	0 28	3 30	0 47	6 50	1 25	28 10	7 26	19 15	18 59	5 14	15 11	8 14	
T 16	20 24	20 23	0s48	22 57	2 3	23 27	0 8	6 9	0 27	22 32	0 44	22 25	0 28	3 30	0 47	6 49	1 25	28 10	7 26	19 15	18 58	5 11	15 11	8 14	
F 17	20 11	21 7	1 58	22 36	2 3	23 24	0 10	6 25	0 28	22 33	0 44	22 26	0 29	3 31	0 47	6 48	1 25	28 10	7 26	19 14	18 57	5 9	15 11	8 14	
S 18	19 58	20 33	3 2	22 13	2 3	23 21	0 13	6 40	0 29	22 35	0 44	22 27	0 29	3 31	0 47	6 48	1 25	28 11	7 26	19 13	18 56	5 7	15 12	8 14	
S 19	19 45	18 37	3 57	21 48	2 2	23 17	0 15	6 55	0 29	22 36	0 45	22 27	0 29	3 32	0 47	6 47	1 25	28 11	7 26	19 11	18 56	5 5	15 12	8 13	
M20	19 30	15 24	4 38	21 22	2 1	23 12	0 18	7 11	0 30	22 37	0 45	22 28	0 29	3 33	0 47	6 46	1 25	28 11	7 26	19 9	18 55	5 2	15 12	8 13	
T 21	19 16	11 9	4 59	20 54	1 59	23 7	0 20	7 26	0 31	22 39	0 45	22 29	0 29	3 33	0 47	6 45	1 25	28 12	7 26	19 6	18 54	5 0	15 13	8 13	
W22	19 1	6 10	4 59	20 24	1 57	23 0	0 23	7 41	0 32	22 40	0 45	22 30	0 29	3 34	0 47	6 45	1 25	28 12	7 26	19 4	18 53	4 58	15 13	8 13	
T 23	18 46	0 52	4 39	19 53	1 55	22 54	0 25	7 56	0 33	22 41	0 45	22 31	0 29	3 34	0 47	6 44	1 25	28 12	7 26	19 2	18 52	4 56	15 13	8 13	
F 24	18 31	4s24	4 0	19 20	1 51	22 46	0 28	8 11	0 33	22 42	0 45	22 31	0 29	3 35	0 47	6 43	1 25	28 13	7 26	19 0	18 52	4 53	15 14	8 12	
S 25	18 15	9 17	3 7	18 45	1 48	22 38	0 30	8 26	0 34	22 44	0 45	22 32	0 29	3 36	0 47	6 43	1 25	28 13	7 26	18 59	18 51	4 51	15 14	8 12	
S 26	17 59	13 32	2 4	18 8	1 43	22 29	0 32	8 41	0 35	22 45	0 45	22 33	0 29	3 36	0 47	6 42	1 25	28 13	7 26	18 58	18 50	4 49	15 15	8 12	
M27	17 43	16 57	0 56	17 29	1 38	22 19	0 35	8 56	0 36	22 46	0 45	22 34	0 29	3 37	0 47	6 41	1 24	28 14	7 26	18 58	18 49	4 46	15 15	8 12	
T 28	17 26	19 22	0n14	16 49	1 33	22 9	0 37	9 11	0 36	22 47	0 45	22 34	0 30	3 38	0 47	6 40	1 24	28 14	7 26	18 58	18 49	4 44	15 16	8 11	
W29	17 9	20 44	1 21	16 8	1 26	21 58	0 39	9 26	0 37	22 48	0 45	22 35	0 30	3 38	0 47	6 39	1 24	28 14	7 26	18 58	18 48	4 42	15 16	8 11	
T 30	16 52	21 1	2 23	15 25	1 19	21 46	0 41	9 41	0 38	22 49	0 45	22 36	0 30	3 39	0 47	6 39	1 24	28 14	7 26	18 58	18 47	4 40	15 16	8 11	
F 31	16s34	20s15	3n17	14s40	1s12	21s34	0s43	9n55	0n39	22n50	0n45	22n37	0n30	3n40	0n47	6s38	1s24	28n15	7n26	18s56	18s46	4s37	15n17	8s10	

Julian Day Number = 1980385.5, Delta T = 59m18s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'19, Lahiri = 5°53'19 Julian Calendar 1 Jan. 710 == Greg. Calendar 5 Jan. 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

FEBRUARY 710 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 55 58	15♒35'41	17♉ 4	26♒ 4	28♉30	24♈30	19°R58	19°R49	22°R36	16♓36	26°R43	23°R59	23♏25	6♓21	6°R27	S 1
S 2	8 59 55	16°36'02	29°13	27°55	29°45	25° 8	19♋52	19♋45	22♍34	16°38	26♋42	23♏48	23°22	6°28	6♋24	S 2
M 3	9 3 52	17°36'22	11♒15	29°45	1♒ 0	25°46	19°45	19°41	22°32	16°40	26°40	23°34	23°19	6°34	6°22	M 3
T 4	9 7 48	18°36'39	23°12	1♓34	2°14	26°24	19°39	19°37	22°30	16°42	26°39	23°19	23°15	6°41	6°19	T 4
W 5	9 11 45	19°36'55	5♓ 6	3°21	3°29	27° 2	19°33	19°33	22°28	16°44	26°38	23° 4	23°12	6°48	6°17	W 5
T 6	9 15 41	20°37'09	16°57	5° 6	4°44	27°39	19°27	19°29	22°26	16°46	26°36	22°51	23° 9	6°55	6°15	T 6
F 7	9 19 38	21°37'21	28°48	6°48	5°58	28°17	19°21	19°25	22°24	16°48	26°35	22°39	23° 6	7° 1	6°12	F 7
S 8	9 23 34	22°37'30	10♈40	8°28	7°13	28°55	19°15	19°22	22°22	16°51	26°34	22°31	23° 3	7° 8	6°10	S 8
S 9	9 27 31	23°37'38	22°38	10° 3	8°28	29°33	19°10	19°18	22°20	16°53	26°33	22°26	22°59	7°15	6° 8	S 9
M10	9 31 27	24°37'43	4♉44	11°35	9°42	0♉11	19° 5	19°15	22°17	16°55	26°31	22°23	22°56	7°21	6° 6	M10
T 11	9 35 24	25°37'47	17° 5	13° 1	10°57	0°49	18°59	19°11	22°15	16°57	26°30	22°23	22°53	7°28	6° 4	T 11
W12	9 39 21	26°37'48	29°44	14°23	12°12	1°27	18°54	19° 8	22°13	16°59	26°29	22°22	22°50	7°35	6° 2	W12
T 13	9 43 17	27°37'47	12♊46	15°38	13°26	2° 5	18°49	19° 4	22°11	17° 1	26°28	22°22	22°47	7°42	6° 0	T 13
F 14	9 47 14	28°37'43	26°17	16°47	14°41	2°42	18°45	19° 1	22° 9	17° 3	26°27	22°20	22°44	7°48	5°58	F 14
S 15	9 51 10	29°37'38	10♋17	17°50	15°55	3°20	18°40	18°58	22° 6	17° 6	26°25	22°15	22°40	7°55	5°56	S 15
S 16	9 55 7	0♓37'30	24°47	18°44	17°10	3°58	18°36	18°55	22° 4	17° 8	26°24	22° 8	22°37	8° 2	5°55	S 16
M17	9 59 3	1°37'20	9♌43	19°31	18°25	4°36	18°32	18°52	22° 2	17°10	26°23	21°58	22°34	8° 9	5°53	M17
T 18	10 3 0	2°37'08	24°57	20°10	19°39	5°14	18°27	18°49	21°59	17°12	26°22	21°47	22°31	8°15	5°51	T 18
W19	10 6 56	3°36'53	10♍19	20°41	20°54	5°52	18°24	18°46	21°57	17°14	26°21	21°36	22°28	8°22	5°50	W19
T 20	10 10 53	4°36'37	25°36	21° 3	22° 8	6°30	18°20	18°44	21°54	17°17	26°20	21°26	22°25	8°29	5°49	T 20
F 21	10 14 50	5°36'18	10♎38	21°17	23°23	7° 8	18°16	18°41	21°52	17°19	26°19	21°19	22°21	8°35	5°47	F 21
S 22	10 18 46	6°35'58	25°17	21°R22	24°37	7°46	18°13	18°39	21°49	17°21	26°18	21°14	22°18	8°42	5°46	S 22
S 23	10 22 43	7°35'36	9♏28	21°19	25°52	8°24	18°10	18°36	21°47	17°23	26°17	21°12	22°15	8°49	5°45	S 23
M24	10 26 39	8°35'12	23°11	21° 8	27° 6	9° 2	18° 7	18°34	21°44	17°26	26°16	21°D11	22°12	8°56	5°44	M24
T 25	10 30 36	9°34'47	6♐27	20°49	28°21	9°39	18° 4	18°32	21°42	17°28	26°15	21°R12	22° 9	9° 2	5°43	T 25
W26	10 34 32	10°34'19	19°20	20°23	29°35	10°17	18° 2	18°30	21°39	17°30	26°14	21°11	22° 5	9° 9	5°42	W26
T 27	10 38 29	11°33'50	1♑53	19°50	0♓50	10°55	17°59	18°28	21°37	17°32	26°13	21°10	22° 2	9°16	5°41	T 27
F 28	10 42 25	12♓33'19	14♑11	19♓12	2♓ 4	11♉33	17♋57	18♋26	21♍34	17♓35	26♋12	21♏ 5	21♏59	9♓22	5♋41	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s16	18s32	4n 0	13s55	1s 3	21s21	0s46	10n10	0n39	22n51	0n46	22n37	0n30	3n41	0n47	6s37	1s24	28n15	7n26	18s54	18s45	4s35	15n17	8s10
S 2	15 58	16 0	4 33	13 8	0 55	21 7	0 48	10 25	0 40	22 52	0 46	22 38	0 30	3 41	0 47	6 36	1 24	28 15	7 26	18 51	18 45	4 33	15 18	8 10
M 3	15 40	12 50	4 53	12 20	0 45	20 53	0 50	10 39	0 41	22 53	0 46	22 39	0 30	3 42	0 47	6 35	1 24	28 16	7 26	18 48	18 44	4 30	15 18	8 9
T 4	15 21	9 10	4 59	11 32	0 35	20 38	0 52	10 54	0 41	22 54	0 46	22 39	0 30	3 43	0 47	6 35	1 24	28 16	7 26	18 44	18 43	4 28	15 19	8 9
W 5	15 2	5 10	4 53	10 43	0 24	20 23	0 54	11 8	0 42	22 55	0 46	22 40	0 30	3 44	0 47	6 34	1 24	28 16	7 26	18 40	18 42	4 26	15 19	8 9
T 6	14 43	0 59	4 34	9 54	0 12	20 7	0 56	11 22	0 43	22 56	0 46	22 41	0 30	3 45	0 47	6 33	1 24	28 16	7 26	18 37	18 41	4 24	15 20	8 8
F 7	14 24	3n13	4 3	9 4	0 0	19 50	0 57	11 37	0 43	22 57	0 46	22 41	0 30	3 46	0 47	6 32	1 24	28 17	7 26	18 34	18 40	4 21	15 20	8 8
S 8	14 4	7 20	3 21	8 16	0n13	19 33	0 59	11 51	0 44	22 58	0 46	22 42	0 30	3 46	0 47	6 31	1 24	28 17	7 26	18 32	18 40	4 19	15 21	8 8
S 9	13 44	11 11	2 30	7 27	0 26	19 15	1 1	12 5	0 44	22 59	0 46	22 42	0 30	3 47	0 47	6 30	1 24	28 17	7 26	18 30	18 39	4 17	15 21	8 7
M10	13 24	14 38	1 32	6 40	0 39	18 57	1 3	12 19	0 45	23 0	0 46	22 43	0 31	3 48	0 47	6 30	1 24	28 17	7 26	18 30	18 38	4 14	15 22	8 7
T 11	13 4	17 30	0 28	5 54	0 53	18 38	1 4	12 33	0 46	23 0	0 46	22 44	0 31	3 49	0 47	6 29	1 24	28 18	7 26	18 29	18 37	4 12	15 22	8 6
W12	12 43	19 36	0s39	5 9	1 7	18 19	1 6	12 47	0 46	23 1	0 46	22 44	0 31	3 50	0 47	6 28	1 24	28 18	7 26	18 29	18 36	4 10	15 23	8 6
T 13	12 23	20 44	1 46	4 27	1 21	17 59	1 7	13 0	0 47	23 2	0 46	22 45	0 31	3 51	0 47	6 27	1 24	28 18	7 26	18 29	18 36	4 8	15 23	8 5
F 14	12 2	20 44	2 49	3 47	1 36	17 38	1 9	13 14	0 47	23 2	0 46	22 45	0 31	3 52	0 47	6 26	1 24	28 18	7 26	18 29	18 35	4 5	15 24	8 5
S 15	11 41	19 28	3 44	3 10	1 50	17 18	1 10	13 28	0 48	23 3	0 46	22 46	0 31	3 53	0 47	6 25	1 24	28 18	7 26	18 27	18 34	4 3	15 24	8 5
S 16	11 20	16 56	4 28	2 36	2 3	16 56	1 12	13 41	0 48	23 4	0 46	22 46	0 31	3 54	0 47	6 24	1 24	28 19	7 26	18 26	18 33	4 1	15 25	8 4
M17	10 58	13 13	4 54	2 5	2 17	16 34	1 13	13 55	0 49	23 4	0 46	22 47	0 31	3 55	0 47	6 24	1 24	28 19	7 26	18 23	18 32	3 59	15 25	8 4
T 18	10 37	8 35	5 0	1 38	2 30	16 12	1 14	14 8	0 49	23 5	0 46	22 47	0 31	3 56	0 47	6 23	1 24	28 19	7 26	18 20	18 32	3 56	15 26	8 3
W19	10 15	3 21	4 45	1 14	2 42	15 49	1 16	14 21	0 50	23 5	0 46	22 48	0 31	3 56	0 47	6 22	1 24	28 19	7 26	18 17	18 31	3 54	15 26	8 3
T 20	9 53	2s 3	4 9	0 55	2 53	15 26	1 17	14 34	0 50	23 6	0 46	22 48	0 31	3 57	0 47	6 21	1 24	28 19	7 26	18 15	18 30	3 52	15 27	8 2
F 21	9 31	7 15	3 17	0 40	3 4	15 3	1 18	14 47	0 51	23 6	0 46	22 48	0 31	3 58	0 47	6 20	1 24	28 19	7 26	18 13	18 29	3 49	15 27	8 2
S 22	9 9	11 54	2 13	0 29	3 13	14 39	1 19	15 0	0 51	23 7	0 46	22 49	0 31	3 59	0 47	6 19	1 24	28 20	7 26	18 12	18 28	3 47	15 28	8 1
S 23	8 47	15 43	1 2	0 23	3 21	14 14	1 20	15 13	0 52	23 7	0 46	22 49	0 31	4 0	0 47	6 18	1 24	28 20	7 26	18 11	18 27	3 45	15 28	8 1
M24	8 24	18 32	0n11	0 21	3 28	13 49	1 21	15 26	0 52	23 8	0 46	22 50	0 31	4 1	0 47	6 17	1 24	28 20	7 26	18 11	18 27	3 43	15 29	8 0
T 25	8 2	20 13	1 20	0 24	3 33	13 24	1 21	15 38	0 53	23 8	0 46	22 50	0 31	4 2	0 47	6 17	1 24	28 20	7 26	18 11	18 26	3 40	15 29	8 0
W26	7 39	20 47	2 23	0 31	3 36	12 59	1 22	15 51	0 53	23 8	0 46	22 50	0 32	4 3	0 47	6 16	1 24	28 20	7 26	18 11	18 25	3 38	15 30	7 59
T 27	7 16	20 17	3 18	0 43	3 38	12 33	1 23	16 3	0 54	23 9	0 46	22 51	0 32	4 4	0 47	6 15	1 24	28 20	7 26	18 10	18 24	3 36	15 30	7 59
F 28	6s54	18s49	4n 3	0s58	3n38	12s 7	1s24	16n16	0n54	23n 9	0n46	22n51	0n32	4n 5	0n48	6s14	1s24	28n20	7n25	18s 9	18s23	3s34	15n31	7s58

Julian Day Number = 1980416.5, Delta T = 59m17s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'23, Lahiri = 5°53'23 Julian Calendar 1 Feb. 710 == Greg. Calendar 5 Feb. 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

MARCH 710 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 46 22	13♓32'46	26♋19	18°R29	3♓19	12♉11	17°R55	18°R24	21°R32	17♓37	26°R11	20°R58	21♏56	9♓29	5°R40	S 1
S 2	10 50 19	14°32'12	8♒19	17♓42	4°33	12°49	17♋53	18♋22	21♍29	17°39	26♋10	20♏49	21°53	9°36	5♋40	S 2
M 3	10 54 15	15°31'35	20°14	16°52	5°47	13°27	17°51	18°21	21°27	17°41	26° 9	20°37	21°50	9°43	5°39	M 3
T 4	10 58 12	16°30'56	2♓ 6	16° 1	7° 2	14° 5	17°50	18°19	21°24	17°44	26° 9	20°25	21°46	9°49	5°39	T 4
W 5	11 2 8	17°30'15	13°58	15° 9	8°16	14°43	17°49	18°18	21°22	17°46	26° 8	20°12	21°43	9°56	5°38	W 5
T 6	11 6 5	18°29'32	25°49	14°17	9°31	15°21	17°47	18°17	21°19	17°48	26° 7	20° 1	21°40	10° 3	5°38	T 6
F 7	11 10 1	19°28'47	7♈43	13°27	10°45	15°59	17°47	18°16	21°16	17°51	26° 6	19°51	21°37	10° 9	5°38	F 7
S 8	11 13 58	20°27'59	19°41	12°39	11°59	16°37	17°46	18°15	21°14	17°53	26° 5	19°45	21°34	10°16	5°D38	S 8
S 9	11 17 54	21°27'10	1♉44	11°54	13°14	17°15	17°45	18°14	21°11	17°55	26° 5	19°40	21°30	10°23	5°38	S 9
M10	11 21 51	22°26'18	13°56	11°13	14°28	17°53	17°45	18°13	21° 9	17°57	26° 4	19°D39	21°27	10°30	5°38	M10
T 11	11 25 47	23°25'24	26°21	10°37	15°42	18°31	17°D45	18°12	21° 6	18° 0	26° 3	19°39	21°24	10°36	5°39	T 11
W12	11 29 44	24°24'28	9♊ 1	10° 5	16°57	19° 9	17°45	18°11	21° 3	18° 2	26° 3	19°40	21°21	10°43	5°39	W12
T 13	11 33 41	25°23'29	22° 1	9°38	18°11	19°46	17°45	18°11	21° 1	18° 4	26° 2	19°R40	21°18	10°50	5°39	T 13
F 14	11 37 37	26°22'28	5♋25	9°17	19°25	20°24	17°46	18°11	20°58	18° 6	26° 2	19°40	21°15	10°56	5°40	F 14
S 15	11 41 34	27°21'24	19°15	9° 1	20°40	21° 2	17°46	18°10	20°56	18° 9	26° 1	19°38	21°11	11° 3	5°40	S 15
S 16	11 45 30	28°20'18	3♌32	8°51	21°54	21°40	17°47	18°10	20°53	18°11	26° 0	19°34	21° 8	11°10	5°41	S 16
M17	11 49 27	29°19'10	18°14	8°D46	23° 8	22°18	17°48	18°D10	20°51	18°13	26° 0	19°28	21° 5	11°17	5°42	M17
T 18	11 53 23	0♈17'59	3♍16	8°46	24°22	22°56	17°49	18°10	20°48	18°15	25°59	19°21	21° 2	11°23	5°42	T 18
W19	11 57 20	1°16'46	18°30	8°52	25°37	23°34	17°51	18°10	20°46	18°18	25°59	19°13	20°59	11°30	5°43	W19
T 20	12 1 16	2°15'31	3♎44	9° 3	26°51	24°12	17°52	18°11	20°43	18°20	25°59	19° 7	20°56	11°37	5°44	T 20
F 21	12 5 13	3°14'14	18°48	9°19	28° 5	24°50	17°54	18°11	20°40	18°22	25°58	19° 2	20°52	11°43	5°45	F 21
S 22	12 9 10	4°12'55	3♏33	9°40	29°19	25°28	17°56	18°11	20°38	18°24	25°58	18°59	20°49	11°50	5°47	S 22
S 23	12 13 6	5°11'35	17°54	10° 5	0♈33	26° 5	17°58	18°12	20°35	18°26	25°57	18°D58	20°46	11°57	5°48	S 23
M24	12 17 3	6°10'12	1♐46	10°35	1°48	26°43	18° 0	18°13	20°33	18°29	25°57	18°58	20°43	12° 4	5°49	M24
T 25	12 20 59	7° 8'48	15°11	11° 9	3° 2	27°21	18° 3	18°13	20°31	18°31	25°57	18°59	20°40	12°10	5°50	T 25
W26	12 24 56	8° 7'22	28°10	11°47	4°16	27°59	18° 5	18°14	20°28	18°33	25°56	19° 1	20°36	12°17	5°52	W26
T 27	12 28 52	9° 5'54	10♑47	12°29	5°30	28°37	18° 8	18°15	20°26	18°35	25°56	19°R 1	20°33	12°24	5°54	T 27
F 28	12 32 49	10° 4'25	23° 7	13°14	6°44	29°15	18°11	18°17	20°23	18°37	25°56	19° 0	20°30	12°30	5°55	F 28
S 29	12 36 45	11° 2'54	5♒13	14° 3	7°58	29°53	18°14	18°18	20°21	18°39	25°56	18°58	20°27	12°37	5°57	S 29
S 30	12 40 42	12° 1'21	17°10	14°55	9°12	0♊30	18°18	18°19	20°19	18°42	25°56	18°53	20°24	12°44	5°59	S 30
M31	12 44 38	12♈59'46	29♒ 3	15♓50	10♈26	1♊ 8	18♋21	18♋21	20♍16	18♓44	25♋55	18♏48	20♏21	12♓51	6♋ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s31	16s32	4n35	1s17	3n36	11s40	1s24	16n28	0n55	23n 9	0n46	22n51	0n32	4n 6	0n48	6s13	1s24	28n20	7n25	18s 7	18s23	3s31	15n31	7s58
S 2	6 8	13 34	4 55	1 39	3 32	11 13	1 25	16 40	0 55	23 10	0 46	22 51	0 32	4 7	0 48	6 12	1 24	28 20	7 25	18 5	18 22	3 29	15 32	7 57
M 3	5 45	10 4	5 2	2 3	3 26	10 46	1 25	16 52	0 56	23 10	0 46	22 52	0 32	4 8	0 48	6 11	1 24	28 21	7 25	18 2	18 21	3 27	15 33	7 57
T 4	5 21	6 11	4 56	2 30	3 19	10 19	1 26	17 4	0 56	23 10	0 46	22 52	0 32	4 10	0 48	6 10	1 24	28 21	7 25	17 58	18 20	3 25	15 33	7 56
W 5	4 58	2 5	4 37	2 59	3 10	9 51	1 26	17 16	0 56	23 10	0 46	22 52	0 32	4 11	0 48	6 9	1 24	28 21	7 25	17 55	18 19	3 22	15 34	7 56
T 6	4 35	2n 5	4 6	3 29	2 59	9 23	1 26	17 27	0 57	23 10	0 46	22 52	0 32	4 12	0 48	6 9	1 24	28 21	7 25	17 52	18 18	3 20	15 34	7 55
F 7	4 12	6 12	3 24	3 59	2 47	8 55	1 26	17 39	0 57	23 10	0 46	22 53	0 32	4 13	0 48	6 8	1 24	28 21	7 25	17 49	18 18	3 18	15 35	7 55
S 8	3 48	10 6	2 33	4 29	2 34	8 27	1 26	17 50	0 58	23 10	0 46	22 53	0 32	4 14	0 48	6 7	1 24	28 21	7 25	17 48	18 17	3 15	15 35	7 54
S 9	3 25	13 38	1 34	4 59	2 20	7 58	1 27	18 1	0 58	23 10	0 46	22 53	0 32	4 15	0 48	6 6	1 24	28 21	7 25	17 46	18 16	3 13	15 36	7 54
M10	3 1	16 37	0 31	5 28	2 5	7 29	1 27	18 13	0 58	23 10	0 46	22 53	0 32	4 16	0 48	6 5	1 24	28 21	7 25	17 46	18 15	3 11	15 36	7 53
T 11	2 38	18 53	0s36	5 56	1 50	7 0	1 26	18 24	0 59	23 10	0 46	22 53	0 32	4 17	0 48	6 4	1 24	28 21	7 24	17 46	18 14	3 9	15 37	7 53
W12	2 14	20 16	1 42	6 23	1 35	6 31	1 26	18 35	0 59	23 10	0 46	22 53	0 32	4 18	0 48	6 3	1 24	28 21	7 24	17 46	18 13	3 6	15 37	7 52
T 13	1 51	20 37	2 45	6 47	1 19	6 1	1 26	18 45	0 59	23 10	0 46	22 54	0 32	4 19	0 48	6 2	1 24	28 21	7 24	17 46	18 13	3 4	15 38	7 51
F 14	1 27	19 49	3 40	7 10	1 3	5 32	1 26	18 56	1 0	23 10	0 46	22 54	0 32	4 20	0 47	6 2	1 24	28 21	7 24	17 46	18 12	3 2	15 38	7 51
S 15	1 3	17 50	4 25	7 31	0 48	5 2	1 26	19 6	1 0	23 10	0 46	22 54	0 32	4 21	0 47	6 1	1 24	28 21	7 24	17 46	18 11	3 0	15 39	7 50
S 16	0 40	14 43	4 55	7 49	0 32	4 32	1 25	19 17	1 0	23 10	0 46	22 54	0 32	4 22	0 47	6 0	1 24	28 21	7 24	17 45	18 10	2 57	15 39	7 50
M17	0 16	10 36	5 7	8 5	0 17	4 2	1 25	19 27	1 1	23 10	0 46	22 54	0 32	4 23	0 47	5 59	1 24	28 21	7 24	17 43	18 9	2 55	15 40	7 49
T 18	0n 7	5 44	4 58	8 18	0 2	3 32	1 24	19 37	1 1	23 10	0 46	22 54	0 32	4 24	0 47	5 58	1 24	28 21	7 24	17 41	18 8	2 53	15 40	7 49
W19	0 31	0 28	4 28	8 29	0s12	3 2	1 24	19 47	1 1	23 9	0 45	22 54	0 33	4 25	0 47	5 57	1 24	28 21	7 24	17 39	18 8	2 51	15 41	7 48
T 20	0 54	4s51	3 39	8 38	0 26	2 32	1 23	19 57	1 2	23 9	0 45	22 54	0 33	4 26	0 47	5 56	1 24	28 21	7 23	17 37	18 7	2 48	15 41	7 48
F 21	1 18	9 48	2 36	8 44	0 39	2 2	1 22	20 7	1 2	23 9	0 45	22 54	0 33	4 27	0 47	5 55	1 24	28 21	7 23	17 36	18 6	2 46	15 42	7 47
S 22	1 41	14 5	1 22	8 47	0 51	1 31	1 22	20 16	1 2	23 9	0 45	22 54	0 33	4 28	0 47	5 55	1 24	28 21	7 23	17 35	18 5	2 44	15 42	7 47
S 23	2 5	17 22	0 6	8 49	1 3	1 1	1 21	20 25	1 3	23 8	0 45	22 54	0 33	4 29	0 47	5 54	1 24	28 21	7 23	17 35	18 4	2 42	15 43	7 46
M24	2 28	19 32	1n 9	8 48	1 15	0 30	1 20	20 35	1 3	23 8	0 45	22 54	0 33	4 30	0 47	5 53	1 24	28 21	7 23	17 35	18 3	2 39	15 43	7 46
T 25	2 51	20 30	2 17	8 45	1 25	0n 0	1 19	20 44	1 3	23 8	0 45	22 54	0 33	4 31	0 47	5 52	1 24	28 21	7 23	17 35	18 2	2 37	15 44	7 45
W26	3 15	20 19	3 16	8 39	1 35	0 31	1 18	20 53	1 4	23 7	0 45	22 54	0 33	4 32	0 47	5 51	1 25	28 21	7 23	17 36	18 2	2 35	15 44	7 44
T 27	3 38	19 6	4 4	8 32	1 45	1 1	1 17	21 2	1 4	23 7	0 45	22 54	0 33	4 33	0 47	5 50	1 25	28 21	7 23	17 36	18 1	2 33	15 45	7 44
F 28	4 1	17 1	4 40	8 23	1 53	1 32	1 16	21 10	1 4	23 6	0 45	22 53	0 33	4 33	0 47	5 50	1 25	28 21	7 23	17 35	18 0	2 30	15 45	7 43
S 29	4 24	14 13	5 2	8 11	2 1	2 2	1 15	21 19	1 4	23 6	0 45	22 53	0 33	4 34	0 47	5 49	1 25	28 21	7 22	17 35	17 59	2 28	15 46	7 43
S 30	4 47	10 52	5 10	7 57	2 9	2 33	1 14	21 27	1 5	23 5	0 45	22 53	0 33	4 35	0 47	5 48	1 25	28 20	7 22	17 34	17 58	2 26	15 46	7 42
M31	5n10	7s 7	5n 6	7s42	2s15	3n 3	1s12	21n35	1n 5	23n 5	0n45	22n53	0n33	4n36	0n47	5s47	1s25	28n20	7n22	17s32	17s57	2s24	15n47	7s42

Julian Day Number = 1980444.5, Delta T = 59m16s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'27, Lahiri = 5°53'27 Julian Calendar 1 March 710 == Greg. Calendar 5 March 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

APRIL 710 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 48 35	13♈58'10	10♓53	16♓48	11♈40	1♊46	18♋25	18♋22	20°R14	18♓46	25°R55	18°R42	20♏17	12♓57	6♋ 2	T 1
W 2	12 52 32	14°56'32	22°45	17°49	12°55	2°24	18°29	18°24	20♍12	18°48	25♋55	18♏35	20°14	13° 4	6° 4	W 2
T 3	12 56 28	15°54'52	4♈40	18°53	14° 9	3° 2	18°33	18°26	20° 9	18°50	25°55	18°29	20°11	13°11	6° 7	T 3
F 4	13 0 25	16°53'10	16°40	20° 0	15°23	3°40	18°37	18°27	20° 7	18°52	25°55	18°25	20° 8	13°17	6° 9	F 4
S 5	13 4 21	17°51'27	28°46	21° 9	16°37	4°17	18°41	18°29	20° 5	18°54	25°D55	18°22	20° 5	13°24	6°11	S 5
S 6	13 8 18	18°49'41	11♉ 1	22°21	17°51	4°55	18°46	18°31	20° 3	18°56	25°55	18°20	20° 2	13°31	6°13	S 6
M 7	13 12 14	19°47'54	23°26	23°35	19° 5	5°33	18°51	18°34	20° 1	18°58	25°55	18°D20	19°58	13°38	6°16	M 7
T 8	13 16 11	20°46'05	6♊ 3	24°51	20°19	6°11	18°55	18°36	19°59	19° 0	25°55	18°21	19°55	13°44	6°18	T 8
W 9	13 20 7	21°44'14	18°54	26°10	21°33	6°49	19° 0	18°38	19°56	19° 2	25°55	18°22	19°52	13°51	6°21	W 9
T 10	13 24 4	22°42'21	2♋ 2	27°30	22°47	7°26	19° 6	18°41	19°54	19° 4	25°56	18°24	19°49	13°58	6°23	T 10
F 11	13 28 1	23°40'26	15°27	28°53	24° 1	8° 4	19°11	18°43	19°52	19° 6	25°56	18°25	19°46	14° 4	6°26	F 11
S 12	13 31 57	24°38'28	29°13	0♈19	25°15	8°42	19°16	18°46	19°50	19° 8	25°56	18°R25	19°42	14°11	6°29	S 12
S 13	13 35 54	25°36'29	13♌20	1°46	26°28	9°20	19°22	18°49	19°48	19°10	25°56	18°24	19°39	14°18	6°32	S 13
M14	13 39 50	26°34'28	27°45	3°15	27°42	9°58	19°28	18°52	19°47	19°12	25°56	18°22	19°36	14°25	6°35	M14
T 15	13 43 47	27°32'25	12♍26	4°47	28°56	10°35	19°34	18°55	19°45	19°14	25°57	18°20	19°33	14°31	6°38	T 15
W16	13 47 43	28°30'20	27°18	6°20	0♉10	11°13	19°40	18°58	19°43	19°15	25°57	18°17	19°30	14°38	6°41	W16
T 17	13 51 40	29°28'13	12♎12	7°55	1°24	11°51	19°46	19° 1	19°41	19°17	25°57	18°15	19°27	14°45	6°44	T 17
F 18	13 55 36	0♉26'04	27° 2	9°33	2°38	12°29	19°52	19° 4	19°39	19°19	25°58	18°13	19°23	14°51	6°47	F 18
S 19	13 59 33	1°23'54	11♏38	11°12	3°52	13° 6	19°59	19° 8	19°38	19°21	25°58	18°D13	19°20	14°58	6°50	S 19
S 20	14 3 30	2°21'43	25°55	12°54	5° 6	13°44	20° 5	19°11	19°36	19°23	25°58	18°13	19°17	15° 5	6°54	S 20
M21	14 7 26	3°19'30	9♐49	14°37	6°19	14°22	20°12	19°15	19°34	19°25	25°59	18°13	19°14	15°11	6°57	M21
T 22	14 11 23	4°17'16	23°18	16°23	7°33	15° 0	20°19	19°18	19°33	19°26	25°59	18°14	19°11	15°18	7° 1	T 22
W23	14 15 19	5°15'01	6♑23	18°10	8°47	15°37	20°26	19°22	19°31	19°28	26° 0	18°15	19° 7	15°25	7° 4	W23
T 24	14 19 16	6°12'44	19° 5	20° 0	10° 1	16°15	20°33	19°26	19°30	19°30	26° 0	18°16	19° 4	15°32	7° 8	T 24
F 25	14 23 12	7°10'26	1♒28	21°52	11°15	16°53	20°41	19°30	19°28	19°31	26° 1	18°17	19° 1	15°38	7°11	F 25
S 26	14 27 9	8° 8'07	13°37	23°45	12°28	17°31	20°48	19°34	19°27	19°33	26° 1	18°R17	18°58	15°45	7°15	S 26
S 27	14 31 5	9° 5'47	25°36	25°41	13°42	18° 8	20°56	19°38	19°25	19°35	26° 2	18°16	18°55	15°52	7°19	S 27
M28	14 35 2	10° 3'26	7♓28	27°38	14°56	18°46	21° 3	19°42	19°24	19°36	26° 2	18°16	18°52	15°58	7°23	M28
T 29	14 38 59	11° 1'03	19°19	29°38	16°10	19°24	21°11	19°46	19°23	19°38	26° 3	18°15	18°48	16° 5	7°27	T 29
W30	14 42 55	11♉58'40	1♈13	1♉39	17♉23	20♊ 1	21♋19	19♋50	19♍21	19♓39	26♋ 4	18♏14	18♏45	16♓12	7♋31	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n33	3s 6	4n48	7s25	2s21	3n34	1s11	21n43	1n 5	23n 4	0n45	22n53	0n33	4n37	0n47	5s46	1s25	28n20	7n22	17s30	17s56	2s21	15n47	7s41
W 2	5 56	1n 3	4 18	7 6	2 27	4 4	1 10	21 51	1 5	23 4	0 45	22 53	0 33	4 38	0 47	5 46	1 25	28 20	7 22	17 29	17 56	2 19	15 47	7 41
T 3	6 18	5 10	3 36	6 45	2 32	4 34	1 8	21 59	1 6	23 3	0 45	22 52	0 33	4 39	0 47	5 45	1 25	28 20	7 22	17 27	17 55	2 17	15 48	7 40
F 4	6 41	9 7	2 44	6 22	2 36	5 4	1 7	22 6	1 6	23 3	0 45	22 52	0 33	4 40	0 47	5 44	1 25	28 20	7 22	17 26	17 54	2 15	15 48	7 40
S 5	7 3	12 45	1 45	5 58	2 39	5 34	1 5	22 14	1 6	23 2	0 45	22 52	0 33	4 41	0 47	5 43	1 25	28 20	7 22	17 25	17 53	2 12	15 49	7 39
S 6	7 26	15 52	0 40	5 32	2 42	6 4	1 4	22 21	1 6	23 1	0 45	22 52	0 33	4 41	0 47	5 42	1 25	28 20	7 21	17 24	17 52	2 10	15 49	7 39
M 7	7 48	18 19	0s28	5 5	2 44	6 34	1 2	22 28	1 6	23 1	0 45	22 51	0 33	4 42	0 47	5 42	1 25	28 19	7 21	17 24	17 51	2 8	15 50	7 38
T 8	8 10	19 54	1 36	4 36	2 46	7 3	1 0	22 35	1 7	23 0	0 45	22 51	0 33	4 43	0 47	5 41	1 25	28 19	7 21	17 25	17 50	2 6	15 50	7 38
W 9	8 32	20 29	2 40	4 5	2 47	7 33	0 59	22 42	1 7	22 59	0 45	22 51	0 33	4 44	0 47	5 40	1 25	28 19	7 21	17 25	17 50	2 3	15 50	7 37
T 10	8 53	19 58	3 37	3 33	2 48	8 2	0 57	22 48	1 7	22 58	0 45	22 51	0 33	4 45	0 47	5 39	1 25	28 19	7 21	17 25	17 49	2 1	15 51	7 37
F 11	9 15	18 20	4 24	3 0	2 47	8 31	0 55	22 55	1 7	22 58	0 45	22 50	0 33	4 45	0 47	5 39	1 25	28 19	7 21	17 26	17 48	1 59	15 51	7 36
S 12	9 37	15 36	4 57	2 25	2 47	9 0	0 53	23 1	1 8	22 57	0 45	22 50	0 33	4 46	0 47	5 38	1 25	28 19	7 21	17 26	17 47	1 57	15 51	7 36
S 13	9 58	11 56	5 13	1 49	2 45	9 29	0 52	23 7	1 8	22 56	0 45	22 49	0 33	4 47	0 47	5 37	1 25	28 19	7 20	17 25	17 46	1 54	15 52	7 35
M14	10 19	7 29	5 11	1 12	2 44	9 57	0 50	23 13	1 8	22 55	0 45	22 49	0 33	4 48	0 47	5 36	1 25	28 18	7 20	17 25	17 45	1 52	15 52	7 35
T 15	10 40	2 31	4 47	0 33	2 41	10 26	0 48	23 19	1 8	22 54	0 45	22 49	0 33	4 48	0 47	5 36	1 25	28 18	7 20	17 24	17 44	1 50	15 52	7 34
W16	11 1	2s40	4 5	0n 7	2 38	10 54	0 46	23 24	1 8	22 53	0 44	22 48	0 34	4 49	0 47	5 35	1 25	28 18	7 20	17 24	17 44	1 48	15 53	7 34
T 17	11 22	7 42	3 6	0 48	2 34	11 22	0 44	23 30	1 8	22 52	0 44	22 48	0 34	4 50	0 47	5 34	1 25	28 18	7 20	17 23	17 43	1 45	15 53	7 33
F 18	11 42	12 16	1 54	1 30	2 30	11 49	0 42	23 35	1 9	22 51	0 44	22 47	0 34	4 50	0 47	5 34	1 25	28 18	7 20	17 22	17 42	1 43	15 53	7 33
S 19	12 2	16 0	0 36	2 14	2 26	12 16	0 40	23 40	1 9	22 50	0 44	22 47	0 34	4 51	0 47	5 33	1 25	28 17	7 20	17 22	17 41	1 41	15 54	7 33
S 20	12 23	18 41	0n43	2 58	2 20	12 43	0 37	23 45	1 9	22 49	0 44	22 47	0 34	4 52	0 47	5 32	1 25	28 17	7 20	17 22	17 40	1 39	15 54	7 32
M21	12 42	20 9	1 57	3 44	2 15	13 10	0 35	23 49	1 9	22 48	0 44	22 46	0 34	4 52	0 47	5 32	1 25	28 17	7 19	17 22	17 39	1 36	15 54	7 32
T 22	13 2	20 24	3 2	4 31	2 8	13 36	0 33	23 54	1 9	22 47	0 44	22 46	0 34	4 53	0 47	5 31	1 25	28 17	7 19	17 23	17 38	1 34	15 54	7 31
W23	13 22	19 31	3 56	5 18	2 2	14 2	0 31	23 58	1 9	22 46	0 44	22 45	0 34	4 54	0 47	5 30	1 25	28 17	7 19	17 23	17 37	1 32	15 55	7 31
T 24	13 41	17 40	4 37	6 6	1 54	14 28	0 29	24 3	1 10	22 45	0 44	22 45	0 34	4 54	0 47	5 30	1 25	28 16	7 19	17 23	17 37	1 30	15 55	7 30
F 25	14 0	15 2	5 3	6 55	1 47	14 53	0 26	24 6	1 10	22 44	0 44	22 44	0 34	4 55	0 47	5 29	1 25	28 16	7 19	17 23	17 36	1 28	15 55	7 30
S 26	14 19	11 49	5 16	7 45	1 39	15 18	0 24	24 10	1 10	22 43	0 44	22 44	0 34	4 55	0 47	5 28	1 26	28 16	7 19	17 23	17 35	1 25	15 55	7 30
S 27	14 38	8 9	5 14	8 36	1 30	15 43	0 22	24 14	1 10	22 41	0 44	22 43	0 34	4 56	0 47	5 28	1 26	28 16	7 19	17 23	17 34	1 23	15 56	7 29
M28	14 56	4 12	4 59	9 27	1 21	16 7	0 20	24 17	1 10	22 40	0 44	22 42	0 34	4 56	0 46	5 27	1 26	28 15	7 19	17 23	17 33	1 21	15 56	7 29
T 29	15 14	0 6	4 31	10 18	1 12	16 31	0 17	24 21	1 10	22 39	0 44	22 42	0 34	4 57	0 46	5 27	1 26	28 15	7 18	17 23	17 32	1 19	15 56	7 28
W30	15n32	4n 2	3n52	11n10	1s 2	16n54	0s15	24n24	1n10	22n38	0n44	22n41	0n34	4n57	0n46	5s26	1s26	28n15	7n18	17s23	17s31	1s16	15n56	7s28

Julian Day Number = 1980475.5, Delta T = 59m16s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'31, Lahiri = 5°53'31 Julian Calendar 1 Apr. 710 == Greg. Calendar 5 Apr. 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

MAY 710 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 46 52	12♉56'15	13♈12	3♉42	18♉37	20♊39	21♋27	19♋55	19°R20	19♓41	26♋ 4	18°R13	18♏42	16♓19	7♋35	T 1
F 2	14 50 48	13°53'50	25°20	5°47	19°51	21°17	21°35	19°59	19♍19	19°42	26° 5	18♏13	18°39	16°25	7°39	F 2
S 3	14 54 45	14°51'23	7♉38	7°53	21° 5	21°54	21°44	20° 4	19°18	19°44	26° 6	18°12	18°36	16°32	7°43	S 3
S 4	14 58 41	15°48'55	20° 8	10° 1	22°18	22°32	21°52	20° 8	19°17	19°45	26° 7	18°D12	18°33	16°39	7°47	S 4
M 5	15 2 38	16°46'26	2♊51	12°10	23°32	23°10	22° 1	20°13	19°16	19°47	26° 7	18°12	18°29	16°45	7°51	M 5
T 6	15 6 34	17°43'56	15°48	14°20	24°46	23°48	22° 9	20°18	19°15	19°48	26° 8	18°12	18°26	16°52	7°56	T 6
W 7	15 10 31	18°41'25	28°59	16°31	25°59	24°25	22°18	20°23	19°14	19°50	26° 9	18°R12	18°23	16°59	8° 0	W 7
T 8	15 14 28	19°38'52	12♋24	18°42	27°13	25° 3	22°27	20°28	19°13	19°51	26°10	18°12	18°20	17° 5	8° 4	T 8
F 9	15 18 24	20°36'19	26° 2	20°54	28°27	25°41	22°36	20°33	19°12	19°52	26°11	18°12	18°17	17°12	8° 9	F 9
S 10	15 22 21	21°33'43	9♌54	23° 6	29°40	26°18	22°45	20°38	19°11	19°54	26°12	18°12	18°13	17°19	8°13	S 10
S 11	15 26 17	22°31'07	23°58	25°18	0♊54	26°56	22°54	20°43	19°11	19°55	26°13	18°D12	18°10	17°26	8°18	S 11
M12	15 30 14	23°28'29	8♍12	27°29	2° 8	27°34	23° 4	20°48	19°10	19°56	26°14	18°12	18° 7	17°32	8°22	M12
T 13	15 34 10	24°25'50	22°35	29°39	3°21	28°11	23°13	20°54	19° 9	19°57	26°15	18°12	18° 4	17°39	8°27	T 13
W14	15 38 7	25°23'10	7♎ 2	1♊49	4°35	28°49	23°22	20°59	19° 9	19°59	26°16	18°13	18° 1	17°46	8°32	W14
T 15	15 42 3	26°20'28	21°30	3°57	5°49	29°27	23°32	21° 5	19° 8	20° 0	26°17	18°14	17°58	17°52	8°37	T 15
F 16	15 46 0	27°17'46	5♏54	6° 4	7° 2	0♋ 4	23°42	21°10	19° 8	20° 1	26°18	18°14	17°54	17°59	8°41	F 16
S 17	15 49 57	28°15'03	20° 9	8° 9	8°16	0°42	23°51	21°16	19° 7	20° 2	26°19	18°R14	17°51	18° 6	8°46	S 17
S 18	15 53 53	29°12'19	4♐10	10°12	9°29	1°20	24° 1	21°21	19° 7	20° 3	26°20	18°14	17°48	18°13	8°51	S 18
M19	15 57 50	0♊ 9'34	17°53	12°14	10°43	1°57	24°11	21°27	19° 7	20° 4	26°21	18°13	17°45	18°19	8°56	M19
T 20	16 1 46	1° 6'49	1♑17	14°13	11°57	2°35	24°21	21°33	19° 6	20° 5	26°22	18°12	17°42	18°26	9° 1	T 20
W21	16 5 43	2° 4'04	14°20	16°11	13°10	3°13	24°32	21°39	19° 6	20° 6	26°23	18°10	17°39	18°33	9° 6	W21
T 22	16 9 39	3° 1'17	27° 3	18° 6	14°24	3°50	24°42	21°45	19° 6	20° 7	26°24	18° 8	17°35	18°39	9°11	T 22
F 23	16 13 36	3°58'31	9♒29	19°58	15°37	4°28	24°52	21°51	19° 6	20° 8	26°26	18° 6	17°32	18°46	9°16	F 23
S 24	16 17 32	4°55'44	21°39	21°49	16°51	5° 6	25° 3	21°57	19° 6	20° 9	26°27	18° 5	17°29	18°53	9°21	S 24
S 25	16 21 29	5°52'56	3♓39	23°37	18° 4	5°43	25°13	22° 3	19°D 6	20°10	26°28	18°D 4	17°26	18°59	9°26	S 25
M26	16 25 26	6°50'09	15°32	25°23	19°18	6°21	25°24	22° 9	19° 6	20°11	26°29	18° 5	17°23	19° 6	9°32	M26
T 27	16 29 22	7°47'21	27°24	27° 7	20°31	6°59	25°34	22°15	19° 6	20°11	26°31	18° 6	17°19	19°13	9°37	T 27
W28	16 33 19	8°44'33	9♈19	28°48	21°45	7°36	25°45	22°21	19° 6	20°12	26°32	18° 7	17°16	19°20	9°42	W28
T 29	16 37 15	9°41'45	21°22	0♋26	22°58	8°14	25°56	22°28	19° 6	20°13	26°33	18° 9	17°13	19°26	9°47	T 29
F 30	16 41 12	10°38'56	3♉36	2° 3	24°12	8°52	26° 7	22°34	19° 7	20°14	26°35	18°10	17°10	19°33	9°53	F 30
S 31	16 45 8	11♊36'08	16♉ 4	3♋37	25♊25	9♋29	26♋18	22♋40	19♍ 7	20♓14	26♋36	18°R10	17♏ 7	19♓40	9♋58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	15n50	8n 2	3n 2	12n 1	0s52	17n17	0s13	24n27	1n10	22n36	0n44	22n41	0n34	4n58	0n46	5s26	1s26	28n15	7n18	17s22	17s30	1s14	15n56	7s28	
F 2	16 7	11 47	2 4	12 53	0 42	17 39	0 10	24 29	1 11	22 35	0 44	22 40	0 34	4 58	0 46	5 25	1 26	28 14	7 18	17 22	17 30	1 12	15 56	7 27	
S 3	16 24	15 4	0 58	13 44	0 32	18 2	0 8	24 32	1 11	22 34	0 44	22 39	0 34	4 58	0 46	5 24	1 26	28 14	7 18	17 22	17 29	1 10	15 57	7 27	
S 4	16 41	17 44	0s11	14 35	0 21	18 23	0 5	24 34	1 11	22 32	0 44	22 39	0 34	4 59	0 46	5 24	1 26	28 14	7 18	17 22	17 28	1 8	15 57	7 26	
M 5	16 58	19 34	1 20	15 26	0 10	18 44	0 3	24 36	1 11	22 31	0 44	22 38	0 34	4 59	0 46	5 23	1 26	28 14	7 18	17 22	17 27	1 5	15 57	7 26	
T 6	17 14	20 24	2 27	16 15	0n 0	19 5	0 1	24 38	1 11	22 29	0 44	22 37	0 34	5 0	0 46	5 23	1 26	28 13	7 18	17 22	17 26	1 3	15 57	7 26	
W 7	17 30	20 9	3 27	17 4	0 11	19 25	0n 2	24 40	1 11	22 28	0 44	22 37	0 34	5 0	0 46	5 22	1 26	28 13	7 17	17 22	17 25	1 1	15 57	7 25	
T 8	17 46	18 45	4 17	17 51	0 21	19 44	0 4	24 42	1 11	22 26	0 44	22 36	0 34	5 0	0 46	5 22	1 26	28 13	7 17	17 22	17 24	0 59	15 57	7 25	
F 9	18 2	16 16	4 54	18 37	0 32	20 3	0 7	24 43	1 11	22 25	0 44	22 35	0 34	5 0	0 46	5 21	1 26	28 12	7 17	17 22	17 23	0 56	15 57	7 25	
S 10	18 17	12 51	5 14	19 21	0 42	20 22	0 9	24 44	1 11	22 23	0 44	22 34	0 34	5 1	0 46	5 21	1 26	28 12	7 17	17 22	17 22	0 54	15 57	7 24	
S 11	18 32	8 40	5 16	20 3	0 51	20 40	0 11	24 46	1 11	22 22	0 44	22 34	0 34	5 1	0 46	5 20	1 26	28 12	7 17	17 22	17 22	0 52	15 57	7 24	
M12	18 46	3 57	4 58	20 43	1 0	20 57	0 14	24 46	1 12	22 20	0 44	22 33	0 34	5 1	0 46	5 20	1 26	28 12	7 17	17 22	17 21	0 50	15 57	7 24	
T 13	19 0	1s 3	4 22	21 20	1 9	21 14	0 16	24 47	1 12	22 19	0 44	22 32	0 35	5 1	0 46	5 20	1 26	28 11	7 17	17 22	17 20	0 48	15 57	7 23	
W14	19 14	6 0	3 29	21 56	1 17	21 30	0 19	24 48	1 12	22 17	0 44	22 31	0 35	5 2	0 46	5 19	1 26	28 11	7 17	17 22	17 19	0 45	15 57	7 23	
T 15	19 28	10 39	2 23	22 29	1 25	21 46	0 21	24 48	1 12	22 15	0 44	22 31	0 35	5 2	0 46	5 19	1 26	28 11	7 17	17 23	17 18	0 43	15 57	7 23	
F 16	19 41	14 39	1 8	22 59	1 32	22 1	0 23	24 48	1 12	22 14	0 44	22 30	0 35	5 2	0 46	5 18	1 26	28 10	7 17	17 23	17 17	0 41	15 57	7 22	
S 17	19 54	17 44	0n11	23 26	1 39	22 15	0 26	24 48	1 12	22 12	0 44	22 29	0 35	5 2	0 46	5 18	1 27	28 10	7 16	17 23	17 16	0 39	15 57	7 22	
S 18	20 7	19 42	1 27	23 51	1 44	22 29	0 28	24 48	1 12	22 10	0 44	22 28	0 35	5 2	0 46	5 18	1 27	28 10	7 16	17 23	17 15	0 37	15 57	7 22	
M19	20 19	20 27	2 37	24 13	1 49	22 42	0 30	24 47	1 12	22 8	0 44	22 27	0 35	5 2	0 46	5 17	1 27	28 9	7 16	17 22	17 14	0 34	15 57	7 22	
T 20	20 31	20 0	3 36	24 33	1 54	22 55	0 33	24 47	1 12	22 7	0 44	22 26	0 35	5 2	0 46	5 17	1 27	28 9	7 16	17 22	17 14	0 32	15 57	7 21	
W21	20 43	18 28	4 23	24 49	1 57	23 7	0 35	24 46	1 12	22 5	0 44	22 25	0 35	5 2	0 46	5 16	1 27	28 9	7 16	17 21	17 13	0 30	15 57	7 21	
T 22	20 54	16 4	4 55	25 4	2 0	23 18	0 37	24 45	1 12	22 3	0 44	22 25	0 35	5 2	0 46	5 16	1 27	28 8	7 16	17 21	17 12	0 28	15 57	7 21	
F 23	21 5	12 59	5 12	25 15	2 2	23 29	0 39	24 44	1 12	22 1	0 44	22 24	0 35	5 2	0 45	5 16	1 27	28 8	7 16	17 20	17 11	0 26	15 57	7 21	
S 24	21 16	9 25	5 15	25 24	2 4	23 38	0 42	24 42	1 12	21 59	0 44	22 23	0 35	5 2	0 45	5 16	1 27	28 8	7 16	17 20	17 10	0 23	15 57	7 20	
S 25	21 26	5 31	5 4	25 31	2 4	23 48	0 44	24 41	1 12	21 57	0 44	22 22	0 35	5 2	0 45	5 15	1 27	28 7	7 16	17 20	17 9	0 21	15 57	7 20	
M26	21 36	1 26	4 40	25 35	2 4	23 56	0 46	24 39	1 12	21 55	0 44	22 21	0 35	5 2	0 45	5 15	1 27	28 7	7 16	17 20	17 8	0 19	15 57	7 20	
T 27	21 46	2n42	4 5	25 38	2 3	24 4	0 48	24 37	1 12	21 53	0 44	22 20	0 35	5 2	0 45	5 15	1 27	28 7	7 16	17 20	17 7	0 17	15 57	7 20	
W28	21 55	6 45	3 18	25 38	2 2	24 11	0 50	24 35	1 12	21 51	0 44	22 19	0 35	5 2	0 45	5 14	1 27	28 6	7 15	17 21	17 6	0 15	15 56	7 20	
T 29	22 3	10 35	2 22	25 36	2 0	24 17	0 52	24 33	1 12	21 49	0 44	22 18	0 35	5 2	0 45	5 14	1 27	28 6	7 15	17 21	17 5	0 12	15 56	7 19	
F 30	22 12	14 3	1 19	25 32	1 57	24 23	0 54	24 30	1 12	21 47	0 44	22 17	0 35	5 2	0 45	5 14	1 27	28 6	7 15	17 21	17 5	0 10	15 56	7 19	
S 31	22n20	16n57	0n12	25n27	1n53	24n28	0n56	24n28	1n12	21n45	0n44	22n16	0n35	5n 2	0n45	5s14	1s27	28n 5	7n15	17s22	17s 4	0s 8	15n56	7s19	

Julian Day Number = 1980505.5, Delta T = 59m15s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'35, Lahiri = 5°53'36 Julian Calendar 1 May 710 == Greg. Calendar 5 May 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

JUNE 710 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 49 5	12♊33'19	28♉49	5♋ 8	26♊39	10♋ 7	26♋29	22♋47	19♍ 7	20♓15	26♋37	18°R10	17♏ 4	19♓46	10♋ 4	S 1
M 2	16 53 1	13°30'30	11♊52	6°37	27°52	10°45	26°40	22°53	19° 8	20°16	26°39	18♏ 9	17° 0	19°53	10° 9	M 2
T 3	16 56 58	14°27'41	25°13	8° 3	29° 6	11°23	26°51	23° 0	19° 8	20°16	26°40	18° 6	16°57	20° 0	10°14	T 3
W 4	17 0 55	15°24'52	8♋49	9°27	0♋19	12° 0	27° 2	23° 7	19° 9	20°17	26°41	18° 2	16°54	20° 6	10°20	W 4
T 5	17 4 51	16°22'02	22°39	10°49	1°33	12°38	27°14	23°13	19° 9	20°17	26°43	17°58	16°51	20°13	10°26	T 5
F 6	17 8 48	17°19'12	6♌39	12° 8	2°46	13°16	27°25	23°20	19°10	20°18	26°44	17°54	16°48	20°20	10°31	F 6
S 7	17 12 44	18°16'22	20°47	13°24	4° 0	13°53	27°36	23°27	19°11	20°18	26°46	17°51	16°45	20°27	10°37	S 7
S 8	17 16 41	19°13'31	4♍59	14°37	5°13	14°31	27°48	23°33	19°11	20°19	26°47	17°49	16°41	20°33	10°42	S 8
M 9	17 20 37	20°10'40	19°12	15°48	6°27	15° 9	27°59	23°40	19°12	20°19	26°49	17°D48	16°38	20°40	10°48	M 9
T 10	17 24 34	21° 7'48	3♎24	16°56	7°40	15°46	28°11	23°47	19°13	20°19	26°50	17°48	16°35	20°47	10°54	T 10
W11	17 28 30	22° 4'56	17°33	18° 1	8°53	16°24	28°23	23°54	19°14	20°20	26°52	17°50	16°32	20°53	10°59	W11
T 12	17 32 27	23° 2'04	1♏37	19° 3	10° 7	17° 2	28°35	24° 1	19°15	20°20	26°53	17°51	16°29	21° 0	11° 5	T 12
F 13	17 36 24	23°59'12	15°34	20° 2	11°20	17°40	28°46	24° 8	19°16	20°20	26°55	17°R52	16°25	21° 7	11°11	F 13
S 14	17 40 20	24°56'20	29°22	20°58	12°34	18°17	28°58	24°15	19°17	20°20	26°57	17°51	16°22	21°13	11°16	S 14
S 15	17 44 17	25°53'28	12♐59	21°50	13°47	18°55	29°10	24°22	19°18	20°21	26°58	17°49	16°19	21°20	11°22	S 15
M16	17 48 13	26°50'36	26°24	22°39	15° 0	19°33	29°22	24°29	19°19	20°21	27° 0	17°45	16°16	21°27	11°28	M16
T 17	17 52 10	27°47'44	9♑33	23°25	16°14	20°10	29°34	24°36	19°20	20°21	27° 1	17°39	16°13	21°34	11°34	T 17
W18	17 56 6	28°44'53	22°27	24° 7	17°27	20°48	29°46	24°44	19°22	20°21	27° 3	17°33	16°10	21°40	11°40	W18
T 19	18 0 3	29°42'02	5♒ 4	24°45	18°40	21°26	29°58	24°51	19°23	20°21	27° 5	17°26	16° 6	21°47	11°45	T 19
F 20	18 3 59	0♋39'11	17°27	25°19	19°54	22° 4	0♌10	24°58	19°24	20°21	27° 6	17°19	16° 3	21°54	11°51	F 20
S 21	18 7 56	1°36'21	29°36	25°49	21° 7	22°41	0°23	25° 5	19°26	20°R21	27° 8	17°13	16° 0	22° 0	11°57	S 21
S 22	18 11 53	2°33'31	11♓35	26°15	22°20	23°19	0°35	25°13	19°27	20°21	27°10	17° 9	15°57	22° 7	12° 3	S 22
M23	18 15 49	3°30'42	23°28	26°37	23°34	23°57	0°47	25°20	19°29	20°21	27°11	17° 7	15°54	22°14	12° 9	M23
T 24	18 19 46	4°27'54	5♈19	26°54	24°47	24°35	1° 0	25°27	19°30	20°21	27°13	17°D 6	15°51	22°20	12°15	T 24
W25	18 23 42	5°25'06	17°14	27° 6	26° 0	25°13	1°12	25°35	19°32	20°21	27°15	17° 7	15°47	22°27	12°21	W25
T 26	18 27 39	6°22'20	29°17	27°14	27°13	25°50	1°24	25°42	19°34	20°21	27°16	17° 8	15°44	22°34	12°27	T 26
F 27	18 31 35	7°19'34	11♉34	27°R17	28°27	26°28	1°37	25°49	19°35	20°21	27°18	17°R 9	15°41	22°41	12°32	F 27
S 28	18 35 32	8°16'49	24° 8	27°15	29°40	27° 6	1°49	25°57	19°37	20°20	27°20	17° 9	15°38	22°47	12°38	S 28
S 29	18 39 28	9°14'04	7♊ 4	27° 8	0♌53	27°44	2° 2	26° 4	19°39	20°20	27°22	17° 7	15°35	22°54	12°44	S 29
M30	18 43 25	10♋11'21	20♊22	26♋56	2♌ 6	28♋22	2♌15	26♋12	19♍41	20♓20	27♋23	17♏ 3	15♏31	23♓ 1	12♋50	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n27	19n 5	0s58	25n19	1n49	24n32	0n58	24n25	1n12	21n43	0n44	22n15	0n35	5n 1	0n45	5s14	1s27	28n 5	7n15	17s22	17s 3	0s 6	15n56	7s19
M 2	22 35	20 17	2 7	25 10	1 44	24 36	1 0	24 22	1 12	21 41	0 44	22 14	0 35	5 1	0 45	5 13	1 27	28 5	7 15	17 21	17 2	0 4	15 55	7 19
T 3	22 42	20 22	3 9	25 0	1 39	24 38	1 2	24 19	1 12	21 39	0 44	22 13	0 35	5 1	0 45	5 13	1 27	28 4	7 15	17 20	17 1	0 1	15 55	7 19
W 4	22 48	19 16	4 3	24 48	1 33	24 40	1 4	24 16	1 12	21 37	0 44	22 12	0 36	5 1	0 45	5 13	1 28	28 4	7 15	17 19	17 0	0n 1	15 55	7 18
T 5	22 54	17 2	4 43	24 36	1 26	24 42	1 6	24 12	1 12	21 34	0 44	22 10	0 36	5 0	0 45	5 13	1 28	28 4	7 15	17 18	16 59	0 3	15 55	7 18
F 6	23 0	13 47	5 7	24 21	1 19	24 42	1 8	24 8	1 12	21 32	0 44	22 9	0 36	5 0	0 45	5 13	1 28	28 3	7 15	17 17	16 58	0 5	15 54	7 18
S 7	23 5	9 44	5 12	24 6	1 11	24 42	1 9	24 4	1 12	21 30	0 44	22 8	0 36	5 0	0 45	5 13	1 28	28 3	7 15	17 16	16 57	0 7	15 54	7 18
S 8	23 10	5 7	4 59	23 50	1 3	24 41	1 11	24 0	1 12	21 28	0 44	22 7	0 36	5 0	0 45	5 12	1 28	28 3	7 15	17 16	16 56	0 10	15 54	7 18
M 9	23 14	0 13	4 27	23 33	0 54	24 39	1 13	23 56	1 12	21 25	0 44	22 6	0 36	4 59	0 45	5 12	1 28	28 2	7 15	17 15	16 55	0 12	15 53	7 18
T 10	23 18	4s42	3 39	23 15	0 44	24 37	1 14	23 52	1 12	21 23	0 44	22 5	0 36	4 59	0 45	5 12	1 28	28 2	7 15	17 15	16 55	0 14	15 53	7 18
W11	23 22	9 22	2 38	22 57	0 34	24 34	1 16	23 47	1 12	21 20	0 44	22 4	0 36	4 58	0 45	5 12	1 28	28 2	7 15	17 16	16 54	0 16	15 53	7 18
T 12	23 25	13 29	1 28	22 38	0 24	24 30	1 17	23 42	1 12	21 18	0 44	22 3	0 36	4 58	0 45	5 12	1 28	28 1	7 15	17 16	16 53	0 18	15 52	7 17
F 13	23 28	16 49	0 13	22 19	0 13	24 25	1 19	23 37	1 12	21 16	0 44	22 1	0 36	4 58	0 45	5 12	1 28	28 1	7 15	17 16	16 52	0 21	15 52	7 17
S 14	23 30	19 8	1n 2	21 59	0 2	24 20	1 20	23 32	1 12	21 13	0 44	22 0	0 36	4 57	0 45	5 12	1 28	28 1	7 15	17 16	16 51	0 23	15 51	7 17
S 15	23 32	20 19	2 12	21 39	0s10	24 14	1 21	23 27	1 12	21 11	0 44	21 59	0 36	4 57	0 44	5 12	1 28	28 0	7 14	17 16	16 50	0 25	15 51	7 17
M16	23 34	20 19	3 14	21 19	0 23	24 7	1 23	23 22	1 12	21 8	0 44	21 58	0 36	4 56	0 44	5 12	1 28	28 0	7 14	17 14	16 49	0 27	15 51	7 17
T 17	23 35	19 12	4 4	20 59	0 35	24 0	1 24	23 16	1 12	21 6	0 44	21 57	0 36	4 56	0 44	5 12	1 28	27 59	7 14	17 13	16 48	0 29	15 50	7 17
W18	23 36	17 7	4 40	20 39	0 48	23 52	1 25	23 10	1 12	21 3	0 44	21 55	0 36	4 55	0 44	5 12	1 28	27 59	7 14	17 11	16 47	0 31	15 50	7 17
T 19	23 36	14 15	5 2	20 19	1 2	23 43	1 26	23 4	1 12	21 1	0 44	21 54	0 36	4 55	0 44	5 12	1 28	27 59	7 14	17 9	16 46	0 34	15 49	7 17
F 20	23 36	10 48	5 9	19 59	1 15	23 33	1 27	22 58	1 12	20 58	0 44	21 53	0 36	4 54	0 44	5 12	1 28	27 58	7 14	17 7	16 45	0 36	15 49	7 17
S 21	23 36	6 59	5 2	19 40	1 29	23 23	1 28	22 52	1 12	20 55	0 44	21 52	0 36	4 53	0 44	5 12	1 28	27 58	7 14	17 5	16 44	0 38	15 48	7 17
S 22	23 35	2 56	4 41	19 21	1 43	23 12	1 29	22 45	1 12	20 53	0 44	21 50	0 37	4 53	0 44	5 12	1 29	27 58	7 14	17 4	16 43	0 40	15 48	7 17
M23	23 33	1n12	4 9	19 3	1 58	23 1	1 30	22 39	1 12	20 50	0 44	21 49	0 37	4 52	0 44	5 12	1 29	27 57	7 14	17 4	16 43	0 42	15 47	7 17
T 24	23 32	5 17	3 26	18 46	2 12	22 48	1 31	22 32	1 12	20 47	0 44	21 48	0 37	4 51	0 44	5 12	1 29	27 57	7 14	17 3	16 42	0 44	15 47	7 17
W25	23 30	9 11	2 34	18 29	2 26	22 35	1 31	22 25	1 12	20 45	0 44	21 46	0 37	4 51	0 44	5 12	1 29	27 57	7 14	17 4	16 41	0 47	15 46	7 17
T 26	23 27	12 46	1 35	18 14	2 41	22 22	1 32	22 18	1 12	20 42	0 44	21 45	0 37	4 50	0 44	5 13	1 29	27 56	7 14	17 4	16 40	0 49	15 46	7 17
F 27	23 24	15 53	0 30	17 59	2 55	22 7	1 33	22 11	1 12	20 39	0 44	21 44	0 37	4 49	0 44	5 13	1 29	27 56	7 14	17 4	16 39	0 51	15 45	7 17
S 28	23 21	18 20	0s38	17 46	3 9	21 53	1 33	22 3	1 12	20 36	0 44	21 42	0 37	4 49	0 44	5 13	1 29	27 56	7 14	17 4	16 38	0 53	15 45	7 17
S 29	23 17	19 55	1 45	17 34	3 22	21 37	1 34	21 56	1 12	20 34	0 44	21 41	0 37	4 48	0 44	5 13	1 29	27 55	7 14	17 4	16 37	0 55	15 44	7 17
M30	23n13	20n27	2s49	17n23	3s36	21n21	1n34	21n48	1n11	20n31	0n44	21n40	0n37	4n47	0n44	5s13	1s29	27n55	7n14	17s 2	16s36	0n57	15n43	7s17

Julian Day Number = 1980536.5, Delta T = 59m14s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'39, Lahiri = 5°53'40 Julian Calendar 1 June 710 == Greg. Calendar 5 June 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

JULY 710 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 47 22	11♋ 8'38	4♋ 3	26°R39	3♌20	29♋ 0	2♌27	26♋19	19♍42	20°R19	27♋25	16°R57	15♏28	23♓ 7	12♋56	T 1
W 2	18 51 18	12° 5'56	18° 4	26♋18	4°33	29°37	2°40	26°27	19°44	20♓19	27°27	16♏49	15°25	23°14	13° 2	W 2
T 3	18 55 15	13° 3'15	2♌21	25°52	5°46	0♌15	2°52	26°35	19°46	20°19	27°29	16°40	15°22	23°21	13° 8	T 3
F 4	18 59 11	14° 0'34	16°49	25°22	6°59	0°53	3° 5	26°42	19°48	20°18	27°30	16°31	15°19	23°27	13°14	F 4
S 5	19 3 8	14°57'54	1♍20	24°48	8°12	1°31	3°18	26°50	19°50	20°18	27°32	16°24	15°16	23°34	13°20	S 5
S 6	19 7 4	15°55'15	15°49	24°10	9°26	2° 9	3°31	26°57	19°53	20°17	27°34	16°19	15°12	23°41	13°26	S 6
M 7	19 11 1	16°52'36	0♎11	23°30	10°39	2°47	3°43	27° 5	19°55	20°17	27°36	16°15	15° 9	23°48	13°32	M 7
T 8	19 14 58	17°49'57	14°23	22°47	11°52	3°25	3°56	27°13	19°57	20°16	27°38	16°D14	15° 6	23°54	13°38	T 8
W 9	19 18 54	18°47'20	28°24	22° 2	13° 5	4° 3	4° 9	27°20	19°59	20°16	27°39	16°14	15° 3	24° 1	13°44	W 9
T 10	19 22 51	19°44'43	12♏12	21°17	14°18	4°41	4°22	27°28	20° 1	20°15	27°41	16°R15	15° 0	24° 8	13°50	T 10
F 11	19 26 47	20°42'06	25°48	20°32	15°31	5°19	4°35	27°35	20° 4	20°14	27°43	16°15	14°56	24°14	13°56	F 11
S 12	19 30 44	21°39'31	9♐13	19°47	16°44	5°57	4°48	27°43	20° 6	20°14	27°45	16°12	14°53	24°21	14° 2	S 12
S 13	19 34 40	22°36'56	22°27	19° 4	17°57	6°35	5° 1	27°51	20° 9	20°13	27°47	16° 8	14°50	24°28	14° 8	S 13
M14	19 38 37	23°34'22	5♑30	18°24	19°10	7°13	5°14	27°58	20°11	20°12	27°48	16° 1	14°47	24°34	14°14	M14
T 15	19 42 33	24°31'50	18°20	17°46	20°23	7°51	5°27	28° 6	20°13	20°12	27°50	15°51	14°44	24°41	14°20	T 15
W16	19 46 30	25°29'18	0♒59	17°13	21°36	8°29	5°40	28°14	20°16	20°11	27°52	15°39	14°41	24°48	14°25	W16
T 17	19 50 27	26°26'47	13°26	16°44	22°49	9° 7	5°53	28°22	20°19	20°10	27°54	15°27	14°37	24°54	14°31	T 17
F 18	19 54 23	27°24'18	25°41	16°21	24° 2	9°45	6° 6	28°29	20°21	20° 9	27°56	15°15	14°34	25° 1	14°37	F 18
S 19	19 58 20	28°21'50	7♓45	16° 4	25°15	10°23	6°19	28°37	20°24	20° 8	27°58	15° 5	14°31	25° 8	14°43	S 19
S 20	20 2 16	29°19'23	19°41	15°52	26°28	11° 1	6°32	28°45	20°26	20° 7	27°59	14°56	14°28	25°15	14°49	S 20
M21	20 6 13	0♌16'58	1♈32	15°D48	27°41	11°39	6°45	28°52	20°29	20° 7	28° 1	14°51	14°25	25°21	14°55	M21
T 22	20 10 9	1°14'34	13°21	15°50	28°53	12°17	6°58	29° 0	20°32	20° 6	28° 3	14°47	14°22	25°28	15° 1	T 22
W23	20 14 6	2°12'12	25°14	16° 0	0♍ 6	12°55	7°11	29° 8	20°35	20° 5	28° 5	14°46	14°18	25°35	15° 6	W23
T 24	20 18 2	3° 9'52	7♉15	16°17	1°19	13°33	7°24	29°15	20°38	20° 4	28° 7	14°D46	14°15	25°41	15°12	T 24
F 25	20 21 59	4° 7'33	19°31	16°41	2°32	14°11	7°37	29°23	20°40	20° 3	28° 8	14°R46	14°12	25°48	15°18	F 25
S 26	20 25 56	5° 5'16	2♊ 6	17°12	3°45	14°49	7°50	29°31	20°43	20° 2	28°10	14°45	14° 9	25°55	15°24	S 26
S 27	20 29 52	6° 3'01	15° 4	17°51	4°57	15°27	8° 3	29°38	20°46	20° 1	28°12	14°42	14° 6	26° 1	15°30	S 27
M28	20 33 49	7° 0'47	28°29	18°36	6°10	16° 6	8°16	29°46	20°49	19°59	28°14	14°37	14° 2	26° 8	15°35	M28
T 29	20 37 45	7°58'35	12♋21	19°29	7°23	16°44	8°30	29°54	20°52	19°58	28°16	14°29	13°59	26°15	15°41	T 29
W30	20 41 42	8°56'24	26°39	20°29	8°36	17°22	8°43	0♌ 1	20°55	19°57	28°17	14°19	13°56	26°21	15°47	W30
T 31	20 45 38	9♌54'15	11♌18	21♋35	9♍48	18♌ 0	8♌56	0♌ 9	20♍58	19♓56	28♋19	14♏ 7	13♏53	26♓28	15♋52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	19n48	3s44	17n14	3s48	21n 4	1n34	21n40	1n11	20n28	0n44	21n38	0n37	4n46	0n44	5s13	1s29	27n55	7n14	17s 1	16s35	1n 0	15n43	7s17
W 2	23 3	17 57	4 28	17 7	4 0	20 47	1 34	21 32	1 11	20 25	0 44	21 37	0 37	4 46	0 44	5 13	1 29	27 54	7 14	16 58	16 34	1 2	15 42	7 18
T 3	22 58	14 58	4 56	17 1	4 11	20 29	1 35	21 24	1 11	20 22	0 44	21 36	0 37	4 45	0 44	5 14	1 29	27 54	7 14	16 56	16 33	1 4	15 41	7 18
F 4	22 52	11 3	5 5	16 57	4 20	20 11	1 35	21 15	1 11	20 19	0 44	21 34	0 37	4 44	0 44	5 14	1 29	27 54	7 14	16 54	16 32	1 6	15 41	7 18
S 5	22 45	6 29	4 55	16 54	4 29	19 52	1 35	21 7	1 11	20 16	0 44	21 33	0 37	4 43	0 44	5 14	1 29	27 53	7 14	16 51	16 31	1 8	15 40	7 18
S 6	22 39	1 33	4 26	16 54	4 36	19 32	1 35	20 58	1 11	20 13	0 44	21 31	0 37	4 42	0 44	5 14	1 29	27 53	7 14	16 50	16 30	1 10	15 39	7 18
M 7	22 32	3s26	3 40	16 55	4 42	19 12	1 34	20 49	1 11	20 10	0 44	21 30	0 38	4 41	0 44	5 15	1 29	27 52	7 15	16 49	16 30	1 13	15 39	7 18
T 8	22 24	8 11	2 42	16 57	4 46	18 51	1 34	20 40	1 11	20 7	0 45	21 29	0 38	4 40	0 44	5 15	1 29	27 52	7 15	16 49	16 29	1 15	15 38	7 18
W 9	22 17	12 26	1 34	17 2	4 49	18 30	1 34	20 31	1 11	20 4	0 45	21 27	0 38	4 40	0 44	5 15	1 29	27 52	7 15	16 49	16 28	1 17	15 37	7 18
T 10	22 8	15 57	0 22	17 8	4 50	18 9	1 34	20 22	1 11	20 1	0 45	21 26	0 38	4 39	0 43	5 15	1 30	27 51	7 15	16 49	16 27	1 19	15 37	7 19
F 11	22 0	18 31	0n51	17 16	4 49	17 47	1 33	20 13	1 10	19 58	0 45	21 24	0 38	4 38	0 43	5 16	1 30	27 51	7 15	16 49	16 26	1 21	15 36	7 19
S 12	21 51	20 1	1 59	17 25	4 46	17 24	1 33	20 3	1 10	19 55	0 45	21 23	0 38	4 37	0 43	5 16	1 30	27 51	7 15	16 48	16 25	1 23	15 35	7 19
S 13	21 42	20 24	3 0	17 35	4 42	17 1	1 32	19 53	1 10	19 52	0 45	21 21	0 38	4 36	0 43	5 16	1 30	27 50	7 15	16 47	16 24	1 25	15 34	7 19
M14	21 32	19 39	3 50	17 47	4 35	16 37	1 32	19 44	1 10	19 49	0 45	21 20	0 38	4 35	0 43	5 17	1 30	27 50	7 15	16 45	16 23	1 28	15 33	7 19
T 15	21 22	17 55	4 28	18 0	4 27	16 14	1 31	19 34	1 10	19 46	0 45	21 18	0 38	4 34	0 43	5 17	1 30	27 50	7 15	16 42	16 22	1 30	15 33	7 19
W16	21 11	15 19	4 52	18 13	4 18	15 49	1 30	19 24	1 10	19 43	0 45	21 17	0 38	4 33	0 43	5 17	1 30	27 50	7 15	16 38	16 21	1 32	15 32	7 20
T 17	21 1	12 5	5 1	18 28	4 7	15 24	1 29	19 13	1 10	19 39	0 45	21 15	0 38	4 32	0 43	5 18	1 30	27 49	7 15	16 35	16 20	1 34	15 31	7 20
F 18	20 49	8 23	4 57	18 43	3 55	14 59	1 28	19 3	1 10	19 36	0 45	21 14	0 38	4 31	0 43	5 18	1 30	27 49	7 15	16 31	16 19	1 36	15 30	7 20
S 19	20 38	4 25	4 39	18 58	3 41	14 34	1 27	18 53	1 10	19 33	0 45	21 12	0 38	4 29	0 43	5 19	1 30	27 49	7 15	16 28	16 18	1 38	15 29	7 20
S 20	20 26	0 18	4 9	19 14	3 27	14 8	1 26	18 42	1 9	19 30	0 45	21 11	0 39	4 28	0 43	5 19	1 30	27 48	7 15	16 26	16 17	1 40	15 29	7 20
M21	20 14	3n47	3 28	19 29	3 12	13 41	1 25	18 31	1 9	19 27	0 45	21 9	0 39	4 27	0 43	5 19	1 30	27 48	7 15	16 24	16 16	1 43	15 28	7 21
T 22	20 1	7 44	2 38	19 45	2 56	13 15	1 24	18 20	1 9	19 23	0 45	21 8	0 39	4 26	0 43	5 20	1 30	27 48	7 15	16 23	16 15	1 45	15 27	7 21
W23	19 48	11 24	1 42	20 0	2 40	12 48	1 22	18 9	1 9	19 20	0 45	21 6	0 39	4 25	0 43	5 20	1 30	27 47	7 15	16 23	16 14	1 47	15 26	7 21
T 24	19 35	14 39	0 40	20 14	2 23	12 20	1 21	17 58	1 9	19 17	0 45	21 5	0 39	4 24	0 43	5 21	1 30	27 47	7 16	16 23	16 14	1 49	15 25	7 22
F 25	19 21	17 20	0s25	20 28	2 6	11 53	1 19	17 47	1 9	19 13	0 45	21 3	0 39	4 23	0 43	5 21	1 30	27 47	7 16	16 23	16 13	1 51	15 24	7 22
S 26	19 8	19 15	1 30	20 41	1 49	11 25	1 18	17 36	1 9	19 10	0 46	21 2	0 39	4 22	0 43	5 22	1 30	27 46	7 16	16 22	16 12	1 53	15 23	7 22
S 27	18 53	20 14	2 33	20 53	1 33	10 56	1 16	17 24	1 9	19 7	0 46	21 0	0 39	4 20	0 43	5 22	1 30	27 46	7 16	16 22	16 11	1 55	15 22	7 22
M28	18 39	20 6	3 29	21 3	1 16	10 28	1 15	17 12	1 8	19 3	0 46	20 59	0 39	4 19	0 43	5 22	1 30	27 46	7 16	16 20	16 10	1 57	15 21	7 23
T 29	18 24	18 47	4 15	21 12	1 0	9 59	1 13	17 1	1 8	19 0	0 46	20 57	0 39	4 18	0 43	5 23	1 30	27 46	7 16	16 18	16 9	2 0	15 20	7 23
W30	18 9	16 17	4 47	21 19	0 44	9 30	1 11	16 49	1 8	18 57	0 46	20 56	0 39	4 17	0 43	5 23	1 30	27 45	7 16	16 15	16 8	2 2	15 19	7 23
T 31	17n53	12n42	5s 0	21n24	0s28	9n 1	1n 9	16n37	1n 8	18n53	0n46	20n54	0n40	4n15	0n43	5s24	1s31	27n45	7n16	16s11	16s 7	2n 4	15n19	7s24

Julian Day Number = 1980566.5, Delta T = 59m13s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'43, Lahiri = 5°53'44 Julian Calendar 1 July 710 == Greg. Calendar 5 July 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

AUGUST 710 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 49 35	10♌52'08	26♌10	22♋47	11♍ 1	18♌39	9♌ 9	0♌17	21♍ 1	19°R55	28♋21	13°R56	13♏50	26♓35	15♋58	F 1
S 2	20 53 31	11°50'02	11♍ 6	24° 5	12°14	19°17	9°22	0°24	21° 4	19♓54	28°23	13♏46	13°47	26°41	16° 4	S 2
S 3	20 57 28	12°47'57	25°57	25°29	13°26	19°55	9°35	0°32	21° 8	19°52	28°25	13°39	13°43	26°48	16° 9	S 3
M 4	21 1 24	13°45'54	10♎36	26°58	14°39	20°33	9°48	0°39	21°11	19°51	28°26	13°34	13°40	26°55	16°15	M 4
T 5	21 5 21	14°43'52	24°58	28°31	15°51	21°12	10° 1	0°47	21°14	19°50	28°28	13°32	13°37	27° 2	16°20	T 5
W 6	21 9 18	15°41'52	9♏ 2	0♌ 9	17° 4	21°50	10°14	0°55	21°17	19°49	28°30	13°31	13°34	27° 8	16°26	W 6
T 7	21 13 14	16°39'53	22°45	1°51	18°16	22°28	10°27	1° 2	21°20	19°47	28°32	13°31	13°31	27°15	16°31	T 7
F 8	21 17 11	17°37'55	6♐11	3°35	19°29	23° 7	10°40	1°10	21°24	19°46	28°33	13°30	13°28	27°22	16°37	F 8
S 9	21 21 7	18°35'59	19°21	5°23	20°41	23°45	10°54	1°17	21°27	19°45	28°35	13°28	13°24	27°28	16°42	S 9
S 10	21 25 4	19°34'04	2♑18	7°13	21°54	24°23	11° 7	1°24	21°30	19°43	28°37	13°22	13°21	27°35	16°47	S 10
M11	21 29 0	20°32'11	15° 1	9° 5	23° 6	25° 2	11°20	1°32	21°34	19°42	28°39	13°14	13°18	27°42	16°53	M11
T 12	21 32 57	21°30'19	27°34	10°58	24°18	25°40	11°33	1°39	21°37	19°40	28°40	13° 3	13°15	27°48	16°58	T 12
W13	21 36 53	22°28'30	9♒58	12°53	25°31	26°19	11°46	1°47	21°40	19°39	28°42	12°51	13°12	27°55	17° 3	W13
T 14	21 40 50	23°26'41	22°11	14°48	26°43	26°57	11°59	1°54	21°44	19°37	28°44	12°37	13° 8	28° 2	17° 9	T 14
F 15	21 44 47	24°24'55	4♓17	16°43	27°55	27°36	12°11	2° 1	21°47	19°36	28°45	12°24	13° 5	28° 8	17°14	F 15
S 16	21 48 43	25°23'10	16°15	18°39	29° 7	28°14	12°24	2° 9	21°51	19°35	28°47	12°12	13° 2	28°15	17°19	S 16
S 17	21 52 40	26°21'28	28° 7	20°35	0♎19	28°53	12°37	2°16	21°54	19°33	28°49	12° 3	12°59	28°22	17°24	S 17
M18	21 56 36	27°19'47	9♈55	22°31	1°31	29°31	12°50	2°23	21°58	19°32	28°50	11°56	12°56	28°28	17°29	M18
T 19	22 0 33	28°18'08	21°44	24°26	2°44	0♍10	13° 3	2°30	22° 1	19°30	28°52	11°52	12°53	28°35	17°34	T 19
W20	22 4 29	29°16'32	3♉35	26°20	3°56	0°48	13°16	2°38	22° 5	19°28	28°54	11°50	12°49	28°42	17°39	W20
T 21	22 8 26	0♍14'58	15°35	28°14	5° 8	1°27	13°29	2°45	22° 8	19°27	28°55	11°D50	12°46	28°48	17°44	T 21
F 22	22 12 22	1°13'26	27°48	0♍ 8	6°20	2° 6	13°42	2°52	22°12	19°25	28°57	11°R50	12°43	28°55	17°49	F 22
S 23	22 16 19	2°11'56	10♊20	2° 0	7°32	2°44	13°54	2°59	22°16	19°24	28°58	11°50	12°40	29° 2	17°54	S 23
S 24	22 20 16	3°10'29	23°15	3°51	8°43	3°23	14° 7	3° 6	22°19	19°22	29° 0	11°48	12°37	29° 9	17°59	S 24
M25	22 24 12	4° 9'03	6♋38	5°42	9°55	4° 2	14°20	3°13	22°23	19°21	29° 2	11°44	12°34	29°15	18° 3	M25
T 26	22 28 9	5° 7'40	20°30	7°31	11° 7	4°40	14°32	3°20	22°26	19°19	29° 3	11°38	12°30	29°22	18° 8	T 26
W27	22 32 5	6° 6'20	4♌51	9°20	12°19	5°19	14°45	3°27	22°30	19°17	29° 5	11°29	12°27	29°29	18°13	W27
T 28	22 36 2	7° 5'01	19°38	11° 7	13°31	5°58	14°58	3°34	22°34	19°16	29° 6	11°20	12°24	29°35	18°17	T 28
F 29	22 39 58	8° 3'44	4♍42	12°54	14°42	6°37	15°10	3°41	22°38	19°14	29° 8	11°10	12°21	29°42	18°22	F 29
S 30	22 43 55	9° 2'30	19°55	14°39	15°54	7°16	15°23	3°47	22°41	19°13	29° 9	11° 1	12°18	29°49	18°26	S 30
S 31	22 47 51	10♍ 1'17	5♎ 5	16♍24	17♎ 6	7♍54	15♌35	3♌54	22♍45	19♓11	29♋11	10♏55	12♏14	29♓55	18♋31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17n38	8n16	4s54	21n27	0s13	8n31	1n 7	16n25	1n 8	18n50	0n46	20n53	0n40	4n14	0n43	5s24	1s31	27n45	7n16	16s 8	16s 6	2n 6	15n18	7s24	F 1
S 2	17 21	3 20	4 27	21 27	0n 1	8 1	1 5	16 13	1 8	18 46	0 46	20 51	0 40	4 13	0 43	5 25	1 31	27 44	7 16	16 5	16 5	2 8	15 17	7 24	S 2
S 3	17 5	1s47	3 43	21 25	0 14	7 32	1 3	16 0	1 7	18 43	0 46	20 49	0 40	4 12	0 43	5 25	1 31	27 44	7 17	16 3	16 4	2 10	15 16	7 25	S 3
M 4	16 48	6 45	2 45	21 21	0 27	7 1	1 1	15 48	1 7	18 39	0 46	20 48	0 40	4 10	0 43	5 26	1 31	27 44	7 17	16 1	16 3	2 12	15 15	7 25	M 4
T 5	16 32	11 14	1 36	21 14	0 39	6 31	0 59	15 35	1 7	18 36	0 46	20 46	0 40	4 9	0 43	5 27	1 31	27 44	7 17	16 0	16 2	2 14	15 14	7 25	T 5
W 6	16 14	14 59	0 24	21 4	0 49	6 1	0 57	15 23	1 7	18 32	0 46	20 45	0 40	4 8	0 43	5 27	1 31	27 43	7 17	16 0	16 1	2 16	15 13	7 26	W 6
T 7	15 57	17 48	0n49	20 51	0 59	5 30	0 54	15 10	1 7	18 29	0 46	20 43	0 40	4 7	0 43	5 28	1 31	27 43	7 17	16 0	16 0	2 19	15 12	7 26	T 7
F 8	15 39	19 34	1 57	20 36	1 8	4 59	0 52	14 57	1 7	18 25	0 47	20 42	0 40	4 5	0 43	5 28	1 31	27 43	7 17	16 0	15 59	2 21	15 10	7 27	F 8
S 9	15 21	20 14	2 57	20 17	1 16	4 28	0 49	14 44	1 6	18 22	0 47	20 40	0 40	4 4	0 43	5 29	1 31	27 43	7 17	15 59	15 58	2 23	15 9	7 27	S 9
S 10	15 3	19 48	3 47	19 56	1 23	3 57	0 47	14 31	1 6	18 18	0 47	20 39	0 41	4 3	0 43	5 29	1 31	27 43	7 18	15 58	15 57	2 25	15 8	7 27	S 10
M11	14 45	18 21	4 25	19 33	1 30	3 26	0 44	14 18	1 6	18 15	0 47	20 37	0 41	4 1	0 43	5 30	1 31	27 42	7 18	15 55	15 56	2 27	15 7	7 28	M11
T 12	14 26	16 3	4 50	19 7	1 35	2 55	0 42	14 5	1 6	18 11	0 47	20 35	0 41	4 0	0 43	5 31	1 31	27 42	7 18	15 52	15 55	2 29	15 6	7 28	T 12
W13	14 7	13 3	5 0	18 39	1 39	2 23	0 39	13 52	1 6	18 8	0 47	20 34	0 41	3 58	0 43	5 31	1 31	27 42	7 18	15 48	15 54	2 31	15 5	7 29	W13
T 14	13 48	9 32	4 56	18 8	1 42	1 52	0 36	13 38	1 5	18 4	0 47	20 32	0 41	3 57	0 42	5 32	1 31	27 42	7 18	15 44	15 53	2 33	15 4	7 29	T 14
F 15	13 28	5 40	4 39	17 36	1 45	1 21	0 33	13 25	1 5	18 1	0 47	20 31	0 41	3 56	0 42	5 32	1 31	27 41	7 18	15 40	15 52	2 35	15 3	7 30	F 15
S 16	13 9	1 38	4 10	17 2	1 47	0 49	0 30	13 11	1 5	17 57	0 47	20 29	0 41	3 54	0 42	5 33	1 31	27 41	7 18	15 36	15 52	2 38	15 2	7 30	S 16
S 17	12 49	2n27	3 30	16 26	1 48	0 18	0 28	12 57	1 5	17 54	0 47	20 28	0 41	3 53	0 42	5 34	1 31	27 41	7 19	15 33	15 51	2 40	15 1	7 31	S 17
M18	12 29	6 25	2 41	15 48	1 48	0s14	0 25	12 44	1 5	17 50	0 47	20 26	0 41	3 51	0 42	5 34	1 31	27 41	7 19	15 31	15 50	2 42	15 0	7 31	M18
T 19	12 9	10 8	1 45	15 9	1 48	0 46	0 22	12 30	1 4	17 46	0 48	20 25	0 42	3 50	0 42	5 35	1 31	27 41	7 19	15 30	15 49	2 44	14 59	7 32	T 19
W20	11 48	13 29	0 44	14 30	1 47	1 17	0 19	12 16	1 4	17 43	0 48	20 23	0 42	3 49	0 42	5 35	1 31	27 40	7 19	15 29	15 48	2 46	14 58	7 32	W20
T 21	11 28	16 18	0s20	13 48	1 45	1 49	0 15	12 2	1 4	17 39	0 48	20 21	0 42	3 47	0 42	5 36	1 31	27 40	7 19	15 29	15 47	2 48	14 56	7 33	T 21
F 22	11 7	18 27	1 24	13 6	1 43	2 20	0 12	11 48	1 4	17 36	0 48	20 20	0 42	3 46	0 42	5 37	1 31	27 40	7 19	15 29	15 46	2 50	14 55	7 33	F 22
S 23	10 46	19 45	2 26	12 24	1 40	2 52	0 9	11 33	1 4	17 32	0 48	20 18	0 42	3 44	0 42	5 37	1 31	27 40	7 20	15 29	15 45	2 52	14 54	7 34	S 23
S 24	10 25	20 4	3 22	11 40	1 37	3 23	0 6	11 19	1 3	17 28	0 48	20 17	0 42	3 43	0 42	5 38	1 31	27 40	7 20	15 29	15 44	2 54	14 53	7 34	S 24
M25	10 3	19 18	4 9	10 56	1 34	3 55	0 3	11 5	1 3	17 25	0 48	20 15	0 42	3 41	0 42	5 39	1 31	27 40	7 20	15 28	15 43	2 56	14 52	7 35	M25
T 26	9 42	17 21	4 43	10 12	1 30	4 26	0s 1	10 50	1 3	17 21	0 48	20 14	0 42	3 40	0 42	5 39	1 31	27 39	7 20	15 26	15 42	2 58	14 51	7 35	T 26
W27	9 20	14 18	5 2	9 27	1 25	4 58	0 4	10 36	1 3	17 18	0 48	20 12	0 42	3 38	0 42	5 40	1 31	27 39	7 20	15 23	15 41	3 1	14 50	7 36	W27
T 28	8 58	10 17	5 0	8 41	1 21	5 29	0 7	10 21	1 3	17 14	0 49	20 11	0 43	3 37	0 42	5 41	1 31	27 39	7 21	15 20	15 40	3 3	14 48	7 36	T 28
F 29	8 36	5 32	4 39	7 56	1 16	6 0	0 11	10 7	1 2	17 10	0 49	20 9	0 43	3 36	0 42	5 41	1 31	27 39	7 21	15 17	15 39	3 5	14 47	7 37	F 29
S 30	8 14	0 23	3 57	7 10	1 11	6 31	0 14	9 52	1 2	17 7	0 49	20 8	0 43	3 34	0 42	5 42	1 31	27 39	7 21	15 14	15 38	3 7	14 46	7 37	S 30
S 31	7n52	4s46	2s59	6n24	1n 5	7s 2	0s17	9n37	1n 2	17n 3	0n49	20n 6	0n43	3n33	0n42	5s43	1s31	27n39	7n21	15s12	15s37	3n 9	14n45	7s38	S 31

Julian Day Number = 1980597.5, Delta T = 59m13s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'48, Lahiri = 5°53'48 Julian Calendar 1 Aug. 710 == Greg. Calendar 5 Aug. 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

SEPTEMBER 710 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 51 48	11♍ 0'07	20♎ 3	18♍ 7	18♎17	8♍33	15♌48	4♌ 1	22♍49	19°R 9	29♋12	10°R51	12♏11	0♈ 2	18♋35	M 1
T 2	22 55 45	11°58'58	4♏41	19°50	19°29	9°12	16° 0	4° 7	22°52	19♓ 8	29°13	10°D49	12° 8	0° 9	18°40	T 2
W 3	22 59 41	12°57'51	18°56	21°31	20°41	9°51	16°13	4°14	22°56	19° 6	29°15	10♏49	12° 5	0°15	18°44	W 3
T 4	23 3 38	13°56'46	2♐46	23°12	21°52	10°30	16°25	4°21	23° 0	19° 4	29°16	10°50	12° 2	0°22	18°48	T 4
F 5	23 7 34	14°55'42	16°13	24°52	23° 3	11° 9	16°37	4°27	23° 4	19° 3	29°18	10°R50	11°59	0°29	18°52	F 5
S 6	23 11 31	15°54'41	29°18	26°31	24°15	11°48	16°49	4°34	23° 7	19° 1	29°19	10°49	11°55	0°35	18°57	S 6
S 7	23 15 27	16°53'41	12♑ 6	28° 8	25°26	12°27	17° 2	4°40	23°11	18°59	29°20	10°46	11°52	0°42	19° 1	S 7
M 8	23 19 24	17°52'43	24°38	29°46	26°37	13° 6	17°14	4°46	23°15	18°58	29°22	10°41	11°49	0°49	19° 5	M 8
T 9	23 23 20	18°51'47	6♒58	1♎22	27°49	13°45	17°26	4°53	23°19	18°56	29°23	10°34	11°46	0°55	19° 9	T 9
W10	23 27 17	19°50'53	19° 9	2°57	29° 0	14°24	17°38	4°59	23°22	18°54	29°24	10°25	11°43	1° 2	19°12	W10
T 11	23 31 13	20°50'00	1♓11	4°32	0♏11	15° 3	17°50	5° 5	23°26	18°53	29°25	10°15	11°39	1° 9	19°16	T 11
F 12	23 35 10	21°49'10	13° 8	6° 5	1°22	15°42	18° 2	5°11	23°30	18°51	29°27	10° 6	11°36	1°15	19°20	F 12
S 13	23 39 7	22°48'22	25° 1	7°38	2°33	16°22	18°13	5°17	23°34	18°49	29°28	9°57	11°33	1°22	19°24	S 13
S 14	23 43 3	23°47'36	6♈51	9°10	3°44	17° 1	18°25	5°23	23°38	18°48	29°29	9°51	11°30	1°29	19°27	S 14
M15	23 47 0	24°46'52	18°39	10°41	4°55	17°40	18°37	5°29	23°41	18°46	29°30	9°46	11°27	1°35	19°31	M15
T 16	23 50 56	25°46'10	0♉30	12°12	6° 5	18°19	18°49	5°35	23°45	18°44	29°31	9°44	11°24	1°42	19°34	T 16
W17	23 54 53	26°45'31	12°24	13°42	7°16	18°58	19° 0	5°41	23°49	18°43	29°32	9°D43	11°20	1°49	19°38	W17
T 18	23 58 49	27°44'53	24°27	15°11	8°27	19°38	19°12	5°46	23°53	18°41	29°34	9°44	11°17	1°55	19°41	T 18
F 19	0 2 46	28°44'19	6♊41	16°39	9°38	20°17	19°23	5°52	23°56	18°39	29°35	9°46	11°14	2° 2	19°44	F 19
S 20	0 6 42	29°43'46	19°11	18° 6	10°48	20°56	19°35	5°58	24° 0	18°38	29°36	9°47	11°11	2° 9	19°48	S 20
S 21	0 10 39	0♎43'16	2♋ 3	19°33	11°59	21°36	19°46	6° 3	24° 4	18°36	29°37	9°R48	11° 8	2°16	19°51	S 21
M22	0 14 36	1°42'49	15°19	20°58	13° 9	22°15	19°57	6° 9	24° 8	18°34	29°38	9°47	11° 5	2°22	19°54	M22
T 23	0 18 32	2°42'23	29° 2	22°23	14°19	22°54	20° 9	6°14	24°11	18°33	29°39	9°44	11° 1	2°29	19°57	T 23
W24	0 22 29	3°42'00	13♌14	23°47	15°30	23°34	20°20	6°19	24°15	18°31	29°40	9°40	10°58	2°36	20° 0	W24
T 25	0 26 25	4°41'40	27°53	25°10	16°40	24°13	20°31	6°24	24°19	18°30	29°41	9°35	10°55	2°42	20° 3	T 25
F 26	0 30 22	5°41'21	12♍53	26°32	17°50	24°53	20°42	6°30	24°23	18°28	29°42	9°30	10°52	2°49	20° 5	F 26
S 27	0 34 18	6°41'05	28° 5	27°54	19° 0	25°32	20°53	6°35	24°26	18°26	29°42	9°25	10°49	2°56	20° 8	S 27
S 28	0 38 15	7°40'51	13♎21	29°14	20°10	26°12	21° 4	6°40	24°30	18°25	29°43	9°22	10°45	3° 2	20°11	S 28
M29	0 42 11	8°40'39	28°29	0♏33	21°20	26°51	21°14	6°45	24°34	18°23	29°44	9°20	10°42	3° 9	20°13	M29
T 30	0 46 8	9♎40'29	13♏21	1♏50	22♏30	27♍31	21♌25	6♌49	24♍38	18♓22	29♋45	9°D20	10♏39	3♈16	20♋16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n29	9s34	1s49	5n38	0n59	7s32	0s21	9n22	1n 2	16n59	0n49	20n 5	0n43	3n31	0n42	5s43	1s31	27n39	7n21	15s11	15s36	3n11	14n44	7s39
T 2	7 7	13 41	0 33	4 52	0 54	8 3	0 24	9 7	1 1	16 56	0 49	20 3	0 43	3 30	0 42	5 44	1 31	27 39	7 22	15 10	15 35	3 13	14 43	7 39
W 3	6 44	16 53	0n43	4 7	0 47	8 33	0 28	8 52	1 1	16 52	0 49	20 2	0 43	3 28	0 42	5 45	1 31	27 38	7 22	15 10	15 34	3 15	14 42	7 40
T 4	6 21	18 59	1 55	3 21	0 41	9 4	0 31	8 37	1 1	16 49	0 49	20 1	0 44	3 27	0 42	5 45	1 31	27 38	7 22	15 11	15 33	3 17	14 40	7 40
F 5	5 59	19 56	2 58	2 35	0 35	9 34	0 35	8 22	1 1	16 45	0 50	19 59	0 44	3 25	0 42	5 46	1 31	27 38	7 22	15 11	15 32	3 19	14 39	7 41
S 6	5 36	19 46	3 50	1 50	0 28	10 4	0 39	8 7	1 0	16 41	0 50	19 58	0 44	3 24	0 42	5 47	1 31	27 38	7 22	15 10	15 31	3 21	14 38	7 42
S 7	5 13	18 35	4 29	1 4	0 21	10 33	0 42	7 52	1 0	16 38	0 50	19 56	0 44	3 22	0 42	5 47	1 31	27 38	7 23	15 10	15 30	3 23	14 37	7 42
M 8	4 49	16 31	4 55	0 19	0 15	11 3	0 46	7 36	1 0	16 34	0 50	19 55	0 44	3 21	0 42	5 48	1 32	27 38	7 23	15 8	15 29	3 25	14 36	7 43
T 9	4 26	13 43	5 6	0s26	0 8	11 32	0 49	7 21	1 0	16 31	0 50	19 54	0 44	3 19	0 42	5 49	1 32	27 38	7 23	15 6	15 28	3 27	14 35	7 44
W10	4 3	10 23	5 3	1 10	0 1	12 1	0 53	7 5	0 59	16 27	0 50	19 52	0 44	3 18	0 42	5 49	1 32	27 38	7 23	15 3	15 27	3 30	14 33	7 44
T 11	3 39	6 40	4 47	1 54	0s 6	12 30	0 56	6 50	0 59	16 24	0 50	19 51	0 44	3 16	0 42	5 50	1 32	27 38	7 24	15 0	15 26	3 32	14 32	7 45
F 12	3 16	2 42	4 18	2 38	0 13	12 58	1 0	6 35	0 59	16 20	0 50	19 49	0 45	3 15	0 42	5 51	1 32	27 38	7 24	14 57	15 25	3 34	14 31	7 46
S 13	2 52	1n20	3 38	3 22	0 20	13 26	1 4	6 19	0 59	16 16	0 51	19 48	0 45	3 13	0 42	5 51	1 32	27 38	7 24	14 54	15 24	3 36	14 30	7 46
S 14	2 29	5 18	2 48	4 5	0 28	13 54	1 7	6 3	0 58	16 13	0 51	19 47	0 45	3 12	0 42	5 52	1 32	27 38	7 24	14 52	15 23	3 38	14 29	7 47
M15	2 5	9 5	1 52	4 48	0 35	14 21	1 11	5 48	0 58	16 9	0 51	19 45	0 45	3 10	0 42	5 53	1 32	27 38	7 25	14 50	15 22	3 40	14 28	7 48
T 16	1 42	12 30	0 50	5 30	0 42	14 49	1 14	5 32	0 58	16 6	0 51	19 44	0 45	3 9	0 42	5 53	1 32	27 38	7 25	14 50	15 21	3 42	14 26	7 48
W17	1 18	15 26	0s15	6 11	0 49	15 16	1 18	5 16	0 57	16 2	0 51	19 43	0 45	3 7	0 42	5 54	1 32	27 38	7 25	14 50	15 20	3 44	14 25	7 49
T 18	0 54	17 44	1 19	6 53	0 56	15 42	1 21	5 1	0 57	15 59	0 51	19 42	0 45	3 6	0 42	5 55	1 32	27 38	7 25	14 50	15 19	3 46	14 24	7 50
F 19	0 30	19 15	2 21	7 33	1 3	16 8	1 25	4 45	0 57	15 55	0 52	19 40	0 46	3 4	0 42	5 55	1 32	27 38	7 26	14 50	15 18	3 48	14 23	7 50
S 20	0 6	19 52	3 18	8 14	1 10	16 34	1 28	4 29	0 57	15 52	0 52	19 39	0 46	3 2	0 42	5 56	1 32	27 38	7 26	14 51	15 17	3 50	14 22	7 51
S 21	0s17	19 28	4 7	8 53	1 17	16 59	1 32	4 13	0 56	15 48	0 52	19 38	0 46	3 1	0 42	5 56	1 32	27 38	7 26	14 51	15 16	3 52	14 21	7 52
M22	0 41	18 1	4 44	9 32	1 24	17 24	1 35	3 57	0 56	15 45	0 52	19 37	0 46	2 59	0 42	5 57	1 32	27 38	7 26	14 51	15 15	3 54	14 19	7 53
T 23	1 5	15 30	5 6	10 10	1 31	17 49	1 39	3 41	0 56	15 42	0 52	19 35	0 46	2 58	0 42	5 58	1 32	27 38	7 27	14 50	15 14	3 56	14 18	7 53
W24	1 29	11 59	5 11	10 48	1 37	18 13	1 42	3 25	0 55	15 38	0 52	19 34	0 46	2 57	0 42	5 58	1 32	27 38	7 27	14 49	15 13	3 58	14 17	7 54
T 25	1 53	7 39	4 56	11 25	1 44	18 37	1 46	3 9	0 55	15 35	0 53	19 33	0 47	2 55	0 42	5 59	1 32	27 38	7 27	14 47	15 12	4 0	14 16	7 55
F 26	2 17	2 45	4 21	12 1	1 50	19 0	1 49	2 53	0 55	15 31	0 53	19 32	0 47	2 54	0 42	6 0	1 31	27 38	7 27	14 45	15 11	4 2	14 15	7 56
S 27	2 40	2s23	3 27	12 36	1 56	19 23	1 52	2 37	0 54	15 28	0 53	19 31	0 47	2 52	0 42	6 0	1 31	27 38	7 28	14 44	15 10	4 4	14 14	7 56
S 28	3 4	7 25	2 18	13 11	2 2	19 46	1 56	2 21	0 54	15 25	0 53	19 30	0 47	2 51	0 42	6 1	1 31	27 38	7 28	14 43	15 9	4 6	14 13	7 57
M29	3 28	11 56	0 59	13 44	2 8	20 8	1 59	2 5	0 54	15 21	0 53	19 29	0 47	2 49	0 42	6 1	1 31	27 38	7 28	14 42	15 8	4 8	14 12	7 58
T 30	3s52	15s36	0n22	14s17	2s14	20s29	2s 2	1n49	0n53	15n18	0n53	19n27	0n47	2n48	0n42	6s 2	1s31	27n38	7n28	14s42	15s 7	4n10	14n10	7s59

Julian Day Number = 1980628.5, Delta T = 59m12s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'52, Lahiri = 5°53'52 Julian Calendar 1 Sept. 710 == Greg. Calendar 5 Sept. 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

OCTOBER 710 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 50 4	10♎40'20	27♏50	3♏ 7	23♏40	28♍11	21♌36	6♌54	24♍41	18°R20	29♋46	9♏21	10♏36	3♈22	20♋18	W 1
T 2	0 54 1	11°40'14	11♐52	4°22	24°49	28°50	21°46	6°59	24°45	18♓19	29°47	9°22	10°33	3°29	20°20	T 2
F 3	0 57 58	12°40'09	25°28	5°36	25°59	29°30	21°56	7° 3	24°49	18°17	29°47	9°24	10°30	3°36	20°23	F 3
S 4	1 1 54	13°40'06	8♑38	6°47	27° 8	0♎10	22° 7	7° 8	24°52	18°16	29°48	9°R24	10°26	3°42	20°25	S 4
S 5	1 5 51	14°40'05	21°25	7°57	28°18	0°50	22°17	7°12	24°56	18°14	29°49	9°24	10°23	3°49	20°27	S 5
M 6	1 9 47	15°40'05	3♒54	9° 5	29°27	1°29	22°27	7°17	24°59	18°13	29°49	9°23	10°20	3°56	20°29	M 6
T 7	1 13 44	16°40'07	16° 9	10°11	0♐36	2° 9	22°37	7°21	25° 3	18°11	29°50	9°21	10°17	4° 2	20°31	T 7
W 8	1 17 40	17°40'11	28°12	11°15	1°45	2°49	22°47	7°25	25° 7	18°10	29°51	9°18	10°14	4° 9	20°32	W 8
T 9	1 21 37	18°40'16	10♓ 8	12°15	2°54	3°29	22°57	7°29	25°10	18° 9	29°51	9°14	10°10	4°16	20°34	T 9
F 10	1 25 33	19°40'23	21°59	13°13	4° 3	4° 9	23° 7	7°33	25°14	18° 7	29°52	9°11	10° 7	4°22	20°36	F 10
S 11	1 29 30	20°40'32	3♈49	14° 7	5°12	4°49	23°16	7°37	25°17	18° 6	29°52	9° 8	10° 4	4°29	20°37	S 11
S 12	1 33 27	21°40'42	15°39	14°57	6°20	5°29	23°26	7°41	25°21	18° 5	29°53	9° 6	10° 1	4°36	20°39	S 12
M13	1 37 23	22°40'55	27°31	15°43	7°29	6° 8	23°35	7°45	25°24	18° 3	29°53	9° 4	9°58	4°42	20°40	M13
T 14	1 41 20	23°41'09	9♉28	16°24	8°37	6°48	23°44	7°48	25°28	18° 2	29°54	9°D 4	9°55	4°49	20°42	T 14
W15	1 45 16	24°41'25	21°31	17° 0	9°45	7°29	23°54	7°52	25°31	18° 1	29°54	9° 4	9°51	4°56	20°43	W15
T 16	1 49 13	25°41'44	3♊43	17°31	10°53	8° 9	24° 3	7°55	25°35	17°59	29°54	9° 5	9°48	5° 2	20°44	T 16
F 17	1 53 9	26°42'04	16° 7	17°54	12° 1	8°49	24°12	7°59	25°38	17°58	29°55	9° 6	9°45	5° 9	20°45	F 17
S 18	1 57 6	27°42'26	28°44	18°11	13° 9	9°29	24°21	8° 2	25°41	17°57	29°55	9° 8	9°42	5°16	20°46	S 18
S 19	2 1 2	28°42'50	11♋38	18°R19	14°16	10° 9	24°29	8° 5	25°45	17°56	29°55	9° 8	9°39	5°22	20°47	S 19
M20	2 4 59	29°43'16	24°51	18°19	15°24	10°49	24°38	8° 8	25°48	17°55	29°56	9°R 9	9°36	5°29	20°48	M20
T 21	2 8 56	0♏43'44	8♌26	18°10	16°31	11°29	24°46	8°11	25°51	17°54	29°56	9° 9	9°32	5°36	20°48	T 21
W22	2 12 52	1°44'14	22°25	17°51	17°38	12°10	24°55	8°14	25°54	17°52	29°56	9° 8	9°29	5°42	20°49	W22
T 23	2 16 49	2°44'46	6♍46	17°21	18°45	12°50	25° 3	8°17	25°58	17°51	29°56	9° 8	9°26	5°49	20°49	T 23
F 24	2 20 45	3°45'20	21°26	16°42	19°52	13°30	25°11	8°19	26° 1	17°50	29°57	9° 7	9°23	5°56	20°50	F 24
S 25	2 24 42	4°45'55	6♎22	15°52	20°59	14°11	25°19	8°22	26° 4	17°49	29°57	9° 6	9°20	6° 2	20°50	S 25
S 26	2 28 38	5°46'33	21°25	14°53	22° 5	14°51	25°27	8°24	26° 7	17°48	29°57	9° 6	9°16	6° 9	20°50	S 26
M27	2 32 35	6°47'12	6♏26	13°45	23°11	15°31	25°35	8°26	26°10	17°47	29°57	9°D 6	9°13	6°16	20°51	M27
T 28	2 36 31	7°47'52	21°18	12°31	24°17	16°12	25°42	8°29	26°13	17°46	29°57	9° 6	9°10	6°22	20°R51	T 28
W29	2 40 28	8°48'34	5♐52	11°12	25°23	16°52	25°50	8°31	26°16	17°45	29°R57	9°R 6	9° 7	6°29	20°51	W29
T 30	2 44 25	9°49'18	20° 4	9°50	26°29	17°33	25°57	8°33	26°19	17°45	29°57	9° 6	9° 4	6°36	20°50	T 30
F 31	2 48 21	10♏50'02	3♑49	8♏29	27♐34	18♎13	26♌ 4	8♌35	26♍22	17♓44	29♋57	9♏ 6	9♏ 1	6♈42	20♋50	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s15	18s11	1n40	14s49	2s19	20s50	2s 5	1n32	0n53	15n15	0n54	19n26	0n47	2n46	0n42	6s 3	1s31	27n38	7n29	14s42	15s 6	4n12	14n 9	7s59
T 2	4 39	19 34	2 49	15 19	2 24	21 10	2 8	1 16	0 53	15 12	0 54	19 25	0 48	2 45	0 42	6 3	1 31	27 38	7 29	14 43	15 5	4 14	14 8	8 0
F 3	5 2	19 45	3 47	15 49	2 29	21 30	2 11	1 0	0 52	15 8	0 54	19 24	0 48	2 43	0 42	6 4	1 31	27 38	7 29	14 43	15 4	4 16	14 7	8 1
S 4	5 26	18 49	4 31	16 17	2 33	21 50	2 14	0 44	0 52	15 5	0 54	19 23	0 48	2 42	0 42	6 4	1 31	27 39	7 29	14 44	15 3	4 18	14 6	8 2
S 5	5 49	16 57	5 0	16 44	2 38	22 9	2 17	0 28	0 52	15 2	0 54	19 22	0 48	2 40	0 42	6 5	1 31	27 39	7 30	14 44	15 2	4 20	14 5	8 2
M 6	6 12	14 20	5 13	17 10	2 41	22 27	2 20	0 11	0 51	14 59	0 54	19 21	0 48	2 39	0 42	6 5	1 31	27 39	7 30	14 43	15 1	4 23	14 4	8 3
T 7	6 36	11 8	5 13	17 34	2 45	22 45	2 23	0s 5	0 51	14 56	0 55	19 20	0 48	2 38	0 42	6 6	1 31	27 39	7 30	14 42	15 0	4 25	14 3	8 4
W 8	6 59	7 31	4 58	17 57	2 47	23 2	2 26	0 21	0 51	14 53	0 55	19 20	0 49	2 36	0 42	6 7	1 31	27 39	7 31	14 41	14 59	4 27	14 2	8 5
T 9	7 22	3 39	4 31	18 19	2 50	23 18	2 28	0 37	0 50	14 50	0 55	19 19	0 49	2 35	0 42	6 7	1 31	27 39	7 31	14 40	14 58	4 29	14 1	8 6
F 10	7 45	0n21	3 52	18 38	2 52	23 34	2 31	0 54	0 50	14 47	0 55	19 18	0 49	2 33	0 42	6 8	1 31	27 39	7 31	14 39	14 57	4 31	14 0	8 6
S 11	8 8	4 19	3 3	18 56	2 53	23 50	2 33	1 10	0 50	14 44	0 55	19 17	0 49	2 32	0 42	6 8	1 31	27 40	7 31	14 38	14 56	4 33	13 59	8 7
S 12	8 30	8 8	2 6	19 11	2 53	24 4	2 36	1 26	0 49	14 41	0 56	19 16	0 49	2 31	0 42	6 9	1 31	27 40	7 32	14 37	14 55	4 35	13 58	8 8
M13	8 53	11 39	1 4	19 25	2 53	24 18	2 38	1 42	0 49	14 38	0 56	19 15	0 49	2 29	0 42	6 9	1 31	27 40	7 32	14 37	14 54	4 37	13 57	8 9
T 14	9 15	14 43	0s 2	19 36	2 52	24 32	2 40	1 59	0 48	14 35	0 56	19 15	0 50	2 28	0 42	6 10	1 31	27 40	7 32	14 37	14 53	4 39	13 56	8 10
W15	9 38	17 10	1 9	19 44	2 50	24 45	2 43	2 15	0 48	14 32	0 56	19 14	0 50	2 26	0 42	6 10	1 31	27 40	7 33	14 37	14 52	4 41	13 55	8 11
T 16	10 0	18 52	2 13	19 50	2 46	24 57	2 45	2 31	0 48	14 29	0 56	19 13	0 50	2 25	0 42	6 11	1 31	27 40	7 33	14 37	14 51	4 43	13 54	8 11
F 17	10 22	19 42	3 11	19 53	2 42	25 8	2 47	2 48	0 47	14 26	0 57	19 12	0 50	2 24	0 42	6 11	1 31	27 41	7 33	14 38	14 50	4 45	13 53	8 12
S 18	10 44	19 34	4 2	19 52	2 37	25 19	2 49	3 4	0 47	14 24	0 57	19 12	0 50	2 22	0 42	6 11	1 31	27 41	7 33	14 38	14 49	4 47	13 52	8 13
S 19	11 5	18 25	4 42	19 48	2 30	25 30	2 51	3 20	0 47	14 21	0 57	19 11	0 51	2 21	0 42	6 12	1 31	27 41	7 34	14 38	14 48	4 49	13 51	8 14
M20	11 27	16 15	5 8	19 40	2 21	25 39	2 52	3 36	0 46	14 18	0 57	19 10	0 51	2 20	0 42	6 12	1 31	27 41	7 34	14 39	14 47	4 51	13 50	8 15
T 21	11 48	13 10	5 18	19 28	2 12	25 48	2 54	3 52	0 46	14 15	0 58	19 10	0 51	2 18	0 42	6 13	1 31	27 41	7 34	14 39	14 46	4 53	13 49	8 15
W22	12 10	9 16	5 9	19 11	2 0	25 56	2 55	4 9	0 45	14 13	0 58	19 9	0 51	2 17	0 42	6 13	1 31	27 42	7 35	14 38	14 45	4 55	13 48	8 16
T 23	12 31	4 44	4 42	18 50	1 47	26 4	2 57	4 25	0 45	14 10	0 58	19 9	0 51	2 16	0 43	6 14	1 31	27 42	7 35	14 38	14 44	4 57	13 47	8 17
F 24	12 51	0s11	3 55	18 25	1 32	26 10	2 58	4 41	0 45	14 8	0 58	19 8	0 51	2 15	0 43	6 14	1 31	27 42	7 35	14 38	14 43	4 59	13 46	8 18
S 25	13 12	5 11	2 52	17 55	1 16	26 17	2 59	4 57	0 44	14 5	0 58	19 8	0 52	2 13	0 43	6 14	1 31	27 42	7 35	14 38	14 42	5 1	13 45	8 19
S 26	13 32	9 54	1 37	17 20	0 58	26 22	3 0	5 13	0 44	14 3	0 59	19 7	0 52	2 12	0 43	6 15	1 31	27 43	7 36	14 38	14 41	5 3	13 45	8 20
M27	13 52	13 59	0 15	16 42	0 39	26 27	3 1	5 29	0 43	14 0	0 59	19 7	0 52	2 11	0 43	6 15	1 31	27 43	7 36	14 38	14 40	5 4	13 44	8 20
T 28	14 12	17 8	1n 7	16 0	0 19	26 31	3 2	5 45	0 43	13 58	0 59	19 6	0 52	2 10	0 43	6 15	1 31	27 43	7 36	14 38	14 39	5 6	13 43	8 21
W29	14 32	19 5	2 24	15 16	0n 2	26 34	3 3	6 1	0 42	13 56	0 59	19 6	0 52	2 9	0 43	6 16	1 31	27 44	7 37	14 38	14 38	5 8	13 42	8 22
T 30	14 51	19 46	3 29	14 30	0 23	26 37	3 3	6 17	0 42	13 53	1 0	19 6	0 53	2 7	0 43	6 16	1 31	27 44	7 37	14 38	14 37	5 10	13 41	8 23
F 31	15s11	19s13	4n20	13s45	0n43	26s39	3s 4	6s33	0n42	13n51	1n 0	19n 5	0n53	2n 6	0n43	6s16	1s31	27n44	7n37	14s38	14s36	5n12	13n41	8s24

Julian Day Number = 1980658.5, Delta T = 59m11s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°46'56, Lahiri = 5°53'57 Julian Calendar 1 Oct. 710 == Greg. Calendar 5 Oct. 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

NOVEMBER 710 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 52 18	11♏50'48	17♉ 7	7°R11	28♐39	18♎54	26♌11	8♌36	26♍25	17°R43	29°R57	9°R 6	8♏57	6♈49	20°R50	S 1
S 2	2 56 14	12°51'35	0♒ 1	5♏59	29°44	19°34	26°18	8°38	26°28	17♓42	29♋57	9♏ 6	8°54	6°56	20♋50	S 2
M 3	3 0 11	13°52'23	12°33	4°54	0♉49	20°15	26°25	8°40	26°31	17°41	29°57	9°D 5	8°51	7° 2	20°49	M 3
T 4	3 4 7	14°53'11	24°48	3°59	1°53	20°56	26°32	8°41	26°34	17°41	29°56	9° 6	8°48	7° 9	20°49	T 4
W 5	3 8 4	15°54'01	6♓49	3°15	2°58	21°36	26°38	8°42	26°37	17°40	29°56	9° 6	8°45	7°16	20°48	W 5
T 6	3 12 0	16°54'52	18°42	2°42	4° 1	22°17	26°45	8°44	26°40	17°39	29°56	9° 7	8°42	7°22	20°47	T 6
F 7	3 15 57	17°55'44	0♈31	2°21	5° 5	22°58	26°51	8°45	26°42	17°39	29°56	9° 8	8°38	7°29	20°46	F 7
S 8	3 19 54	18°56'37	12°20	2°D11	6° 8	23°38	26°57	8°46	26°45	17°38	29°55	9° 9	8°35	7°36	20°45	S 8
S 9	3 23 50	19°57'31	24°13	2°12	7°11	24°19	27° 3	8°47	26°48	17°37	29°55	9° 9	8°32	7°42	20°44	S 9
M10	3 27 47	20°58'25	6♉11	2°24	8°14	25° 0	27° 8	8°48	26°50	17°37	29°55	9°R10	8°29	7°49	20°43	M10
T 11	3 31 43	21°59'21	18°18	2°44	9°16	25°41	27°14	8°48	26°53	17°36	29°54	9°10	8°26	7°56	20°42	T 11
W12	3 35 40	23° 0'18	0♊35	3°14	10°18	26°22	27°19	8°49	26°55	17°36	29°54	9° 9	8°22	8° 2	20°41	W12
T 13	3 39 36	24° 1'16	13° 4	3°51	11°20	27° 3	27°24	8°49	26°58	17°35	29°54	9° 7	8°19	8° 9	20°40	T 13
F 14	3 43 33	25° 2'16	25°45	4°34	12°21	27°44	27°30	8°50	27° 0	17°35	29°53	9° 5	8°16	8°16	20°38	F 14
S 15	3 47 29	26° 3'16	8♋39	5°24	13°22	28°25	27°34	8°50	27° 3	17°35	29°53	9° 2	8°13	8°22	20°37	S 15
S 16	3 51 26	27° 4'17	21°46	6°19	14°22	29° 6	27°39	8°50	27° 5	17°34	29°52	9° 0	8°10	8°29	20°35	S 16
M17	3 55 23	28° 5'20	5♌ 8	7°19	15°22	29°47	27°44	8°R50	27° 7	17°34	29°52	8°58	8° 7	8°36	20°33	M17
T 18	3 59 19	29° 6'24	18°45	8°23	16°22	0♏28	27°48	8°50	27°10	17°34	29°51	8°56	8° 3	8°42	20°32	T 18
W19	4 3 16	0♐ 7'28	2♍36	9°30	17°21	1° 9	27°52	8°50	27°12	17°33	29°51	8°D56	8° 0	8°49	20°30	W19
T 20	4 7 12	1° 8'34	16°41	10°41	18°19	1°50	27°56	8°49	27°14	17°33	29°50	8°57	7°57	8°56	20°28	T 20
F 21	4 11 9	2° 9'41	1♎ 0	11°54	19°17	2°31	28° 0	8°49	27°16	17°33	29°49	8°58	7°54	9° 2	20°26	F 21
S 22	4 15 5	3°10'49	15°30	13° 9	20°15	3°12	28° 4	8°48	27°18	17°33	29°49	9° 0	7°51	9° 9	20°24	S 22
S 23	4 19 2	4°11'57	0♏ 7	14°27	21°12	3°54	28° 7	8°48	27°20	17°33	29°48	9° 1	7°48	9°16	20°22	S 23
M24	4 22 58	5°13'07	14°46	15°46	22° 9	4°35	28°11	8°47	27°22	17°33	29°47	9°R 1	7°44	9°22	20°20	M24
T 25	4 26 55	6°14'17	29°21	17° 6	23° 5	5°16	28°14	8°46	27°24	17°33	29°47	9° 0	7°41	9°29	20°17	T 25
W26	4 30 52	7°15'28	13♐44	18°29	24° 1	5°58	28°17	8°45	27°26	17°D33	29°46	8°57	7°38	9°36	20°15	W26
T 27	4 34 48	8°16'40	27°51	19°52	24°55	6°39	28°20	8°44	27°28	17°33	29°45	8°53	7°35	9°42	20°12	T 27
F 28	4 38 45	9°17'52	11♉37	21°16	25°50	7°20	28°22	8°43	27°30	17°33	29°44	8°48	7°32	9°49	20°10	F 28
S 29	4 42 41	10°19'04	25° 0	22°41	26°43	8° 2	28°25	8°41	27°31	17°33	29°44	8°43	7°28	9°56	20° 7	S 29
S 30	4 46 38	11♐20'16	7♒58	24♏ 7	27♉36	8♏43	28♌27	8♌40	27♍33	17♓33	29♋43	8♏38	7♏25	10♈ 2	20♋ 5	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s30	17s37	4n55	13s 2	1n 2	26s40	3s 4	6s49	0n41	13n49	1n 0	19n 5	0n53	2n 5	0n43	6s17	1s31	27n44	7n37	14s38	14s35	5n14	13n40	8s24
S 2	15 48	15 10	5 14	12 21	1 20	26 41	3 4	7 5	0 41	13 47	1 0	19 5	0 53	2 4	0 43	6 17	1 31	27 45	7 38	14 37	14 34	5 16	13 39	8 25
M 3	16 7	12 5	5 17	11 44	1 36	26 41	3 5	7 21	0 40	13 45	1 1	19 5	0 53	2 3	0 43	6 17	1 31	27 45	7 38	14 37	14 33	5 18	13 38	8 26
T 4	16 25	8 32	5 6	11 12	1 51	26 40	3 4	7 36	0 40	13 43	1 1	19 4	0 54	2 2	0 43	6 17	1 31	27 45	7 38	14 37	14 32	5 20	13 38	8 27
W 5	16 43	4 43	4 42	10 45	2 3	26 38	3 4	7 52	0 39	13 41	1 1	19 4	0 54	2 1	0 43	6 18	1 30	27 46	7 39	14 38	14 31	5 22	13 37	8 28
T 6	17 0	0 44	4 5	10 24	2 13	26 36	3 4	8 8	0 39	13 39	1 1	19 4	0 54	1 59	0 43	6 18	1 30	27 46	7 39	14 38	14 30	5 24	13 36	8 28
F 7	17 17	3n15	3 19	10 9	2 22	26 33	3 3	8 23	0 38	13 37	1 2	19 4	0 54	1 58	0 43	6 18	1 30	27 46	7 39	14 38	14 29	5 26	13 36	8 29
S 8	17 34	7 7	2 24	10 0	2 28	26 30	3 3	8 39	0 38	13 35	1 2	19 4	0 54	1 57	0 43	6 18	1 30	27 47	7 39	14 38	14 28	5 28	13 35	8 30
S 9	17 51	10 43	1 22	9 56	2 32	26 26	3 2	8 55	0 38	13 33	1 2	19 4	0 54	1 56	0 43	6 18	1 30	27 47	7 40	14 39	14 27	5 30	13 34	8 31
M10	18 7	13 56	0 17	9 58	2 35	26 21	3 1	9 10	0 37	13 31	1 2	19 4	0 55	1 55	0 43	6 19	1 30	27 47	7 40	14 39	14 26	5 32	13 34	8 32
T 11	18 23	16 35	0s50	10 4	2 36	26 16	3 0	9 26	0 37	13 30	1 3	19 4	0 55	1 54	0 43	6 19	1 30	27 48	7 40	14 39	14 25	5 34	13 33	8 32
W12	18 39	18 31	1 56	10 14	2 36	26 10	2 58	9 41	0 36	13 28	1 3	19 4	0 55	1 53	0 43	6 19	1 30	27 48	7 41	14 39	14 24	5 36	13 32	8 33
T 13	18 54	19 36	2 57	10 27	2 35	26 3	2 57	9 56	0 36	13 27	1 3	19 4	0 55	1 52	0 43	6 19	1 30	27 48	7 41	14 38	14 23	5 38	13 32	8 34
F 14	19 9	19 42	3 50	10 44	2 33	25 56	2 55	10 11	0 35	13 25	1 3	19 4	0 55	1 51	0 43	6 19	1 30	27 49	7 41	14 37	14 22	5 40	13 31	8 35
S 15	19 24	18 47	4 33	11 4	2 30	25 48	2 53	10 27	0 35	13 24	1 4	19 4	0 56	1 50	0 43	6 19	1 30	27 49	7 41	14 36	14 20	5 42	13 31	8 35
S 16	19 38	16 52	5 2	11 26	2 26	25 40	2 51	10 42	0 34	13 22	1 4	19 4	0 56	1 50	0 43	6 19	1 30	27 49	7 42	14 36	14 19	5 44	13 30	8 36
M17	19 52	14 1	5 15	11 50	2 21	25 31	2 49	10 57	0 34	13 21	1 4	19 4	0 56	1 49	0 43	6 20	1 30	27 50	7 42	14 35	14 18	5 46	13 30	8 37
T 18	20 6	10 23	5 11	12 15	2 16	25 21	2 47	11 12	0 33	13 20	1 4	19 5	0 56	1 48	0 43	6 20	1 30	27 50	7 42	14 35	14 17	5 48	13 29	8 38
W19	20 19	6 7	4 49	12 42	2 10	25 11	2 44	11 27	0 33	13 18	1 5	19 5	0 56	1 47	0 43	6 20	1 30	27 51	7 42	14 34	14 16	5 50	13 29	8 38
T 20	20 32	1 27	4 10	13 10	2 4	25 0	2 41	11 41	0 32	13 17	1 5	19 5	0 57	1 46	0 43	6 20	1 30	27 51	7 43	14 35	14 15	5 52	13 28	8 39
F 21	20 44	3s22	3 14	13 38	1 58	24 49	2 38	11 56	0 32	13 16	1 5	19 6	0 57	1 45	0 43	6 20	1 30	27 51	7 43	14 35	14 14	5 53	13 28	8 40
S 22	20 56	8 5	2 6	14 8	1 51	24 37	2 35	12 11	0 31	13 15	1 6	19 6	0 57	1 44	0 43	6 20	1 30	27 52	7 43	14 36	14 13	5 55	13 28	8 41
S 23	21 8	12 21	0 49	14 37	1 44	24 25	2 32	12 25	0 31	13 14	1 6	19 6	0 57	1 44	0 43	6 20	1 30	27 52	7 43	14 36	14 12	5 57	13 27	8 41
M24	21 19	15 52	0n32	15 7	1 37	24 12	2 28	12 40	0 30	13 13	1 6	19 7	0 57	1 43	0 43	6 20	1 30	27 53	7 44	14 36	14 11	5 59	13 27	8 42
T 25	21 30	18 22	1 49	15 37	1 30	23 59	2 24	12 54	0 29	13 12	1 6	19 7	0 58	1 42	0 43	6 20	1 30	27 53	7 44	14 36	14 10	6 1	13 27	8 43
W26	21 40	19 38	2 59	16 7	1 22	23 45	2 20	13 9	0 29	13 12	1 7	19 7	0 58	1 41	0 43	6 20	1 30	27 53	7 44	14 35	14 9	6 3	13 26	8 43
T 27	21 50	19 39	3 57	16 37	1 15	23 31	2 16	13 23	0 28	13 11	1 7	19 8	0 58	1 41	0 44	6 20	1 30	27 54	7 44	14 33	14 8	6 5	13 26	8 44
F 28	22 0	18 28	4 39	17 7	1 7	23 17	2 12	13 37	0 28	13 10	1 7	19 8	0 58	1 40	0 44	6 20	1 30	27 54	7 45	14 32	14 7	6 7	13 26	8 45
S 29	22 9	16 18	5 4	17 36	1 0	23 2	2 7	13 51	0 27	13 10	1 7	19 9	0 58	1 39	0 44	6 20	1 29	27 55	7 45	14 30	14 6	6 9	13 25	8 45
S 30	22s18	13s22	5n13	18s 5	0n52	22s46	2s 2	14s 5	0n27	13n 9	1n 8	19n10	0n59	1n39	0n44	6s19	1s29	27n55	7n45	14s29	14s 5	6n11	13n25	8s46

Julian Day Number = 1980689.5, Delta T = 59m10s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'00, Lahiri = 5°54'01 Julian Calendar 1 Nov. 710 == Greg. Calendar 5 Nov. 710

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ASTRODIENST EPHEMERIS for the year 710
geocentric

DECEMBER 710 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 50 34	12♐21'28	20♒35	25♏34	28♑28	9♏25	28♌29	8°R38	27♍35	17♓33	29°R42	8°R34	7♏22	10♈ 9	20°R 2	M 1
T 2	4 54 31	13°22'41	2♓53	27° 1	29°20	10° 6	28°31	8♌37	27°36	17°33	29♋41	8♏32	7°19	10°16	19♋59	T 2
W 3	4 58 27	14°23'53	14°55	28°29	0♒11	10°48	28°33	8°35	27°38	17°33	29°40	8°D31	7°16	10°22	19°56	W 3
T 4	5 2 24	15°25'05	26°49	29°57	1° 0	11°29	28°34	8°33	27°39	17°34	29°39	8°32	7°13	10°29	19°53	T 4
F 5	5 6 21	16°26'18	8♈37	1♐26	1°49	12°11	28°35	8°31	27°41	17°34	29°38	8°34	7° 9	10°36	19°50	F 5
S 6	5 10 17	17°27'30	20°26	2°56	2°38	12°53	28°36	8°29	27°42	17°34	29°37	8°35	7° 6	10°42	19°47	S 6
S 7	5 14 14	18°28'42	2♉21	4°25	3°25	13°34	28°37	8°27	27°43	17°35	29°36	8°37	7° 3	10°49	19°44	S 7
M 8	5 18 10	19°29'54	14°25	5°56	4°11	14°16	28°38	8°25	27°45	17°35	29°35	8°R37	7° 0	10°56	19°41	M 8
T 9	5 22 7	20°31'06	26°41	7°26	4°56	14°58	28°39	8°22	27°46	17°36	29°34	8°35	6°57	11° 2	19°38	T 9
W10	5 26 3	21°32'18	9♊13	8°57	5°41	15°40	28°39	8°20	27°47	17°36	29°33	8°31	6°53	11° 9	19°35	W10
T 11	5 30 0	22°33'30	22° 1	10°29	6°24	16°21	28°R39	8°17	27°48	17°37	29°32	8°25	6°50	11°16	19°31	T 11
F 12	5 33 56	23°34'42	5♋ 5	12° 0	7° 6	17° 3	28°39	8°14	27°49	17°37	29°31	8°18	6°47	11°22	19°28	F 12
S 13	5 37 53	24°35'54	18°23	13°33	7°47	17°45	28°39	8°12	27°50	17°38	29°30	8° 9	6°44	11°29	19°24	S 13
S 14	5 41 50	25°37'05	1♌55	15° 5	8°26	18°27	28°38	8° 9	27°51	17°38	29°29	8° 1	6°41	11°36	19°21	S 14
M15	5 45 46	26°38'17	15°38	16°38	9° 5	19° 9	28°38	8° 6	27°52	17°39	29°28	7°54	6°38	11°42	19°17	M15
T 16	5 49 43	27°39'29	29°29	18°11	9°42	19°51	28°37	8° 3	27°53	17°40	29°26	7°48	6°34	11°49	19°14	T 16
W17	5 53 39	28°40'40	13♍26	19°45	10°18	20°33	28°36	8° 0	27°53	17°40	29°25	7°45	6°31	11°56	19°10	W17
T 18	5 57 36	29°41'52	27°29	21°19	10°52	21°15	28°35	7°57	27°54	17°41	29°24	7°D44	6°28	12° 2	19° 7	T 18
F 19	6 1 32	0♑43'03	11♎35	22°54	11°25	21°57	28°33	7°53	27°55	17°42	29°23	7°44	6°25	12° 9	19° 3	F 19
S 20	6 5 29	1°44'15	25°45	24°29	11°56	22°39	28°32	7°50	27°55	17°43	29°22	7°45	6°22	12°16	18°59	S 20
S 21	6 9 26	2°45'26	9♏56	26° 4	12°26	23°21	28°30	7°46	27°56	17°44	29°20	7°R45	6°19	12°22	18°55	S 21
M22	6 13 22	3°46'38	24° 6	27°40	12°54	24° 3	28°28	7°43	27°56	17°44	29°19	7°44	6°15	12°29	18°52	M22
T 23	6 17 19	4°47'49	8♐13	29°16	13°21	24°45	28°26	7°39	27°57	17°45	29°18	7°40	6°12	12°36	18°48	T 23
W24	6 21 15	5°48'59	22°13	0♑53	13°45	25°28	28°23	7°36	27°57	17°46	29°17	7°34	6° 9	12°42	18°44	W24
T 25	6 25 12	6°50'10	6♑ 1	2°31	14° 8	26°10	28°21	7°32	27°58	17°47	29°15	7°25	6° 6	12°49	18°40	T 25
F 26	6 29 8	7°51'19	19°34	4° 9	14°29	26°52	28°18	7°28	27°58	17°48	29°14	7°15	6° 3	12°55	18°36	F 26
S 27	6 33 5	8°52'28	2♒49	5°47	14°48	27°35	28°15	7°24	27°58	17°49	29°13	7° 3	5°59	13° 2	18°32	S 27
S 28	6 37 1	9°53'36	15°45	7°26	15° 5	28°17	28°12	7°20	27°58	17°50	29°11	6°52	5°56	13° 9	18°28	S 28
M29	6 40 58	10°54'43	28°21	9° 6	15°20	28°59	28° 9	7°16	27°58	17°52	29°10	6°43	5°53	13°15	18°24	M29
T 30	6 44 55	11°55'49	10♓39	10°46	15°32	29°42	28° 5	7°12	27°R58	17°53	29° 9	6°36	5°50	13°22	18°20	T 30
W31	6 48 51	12♑56'54	22♓43	12♑26	15♒43	0♐24	28♌ 1	7♌ 8	27♍58	17♓54	29♋ 7	6♏31	5♏47	13♈29	18♋16	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s26	9s54	5n 6	18s33	0n45	22s31	1s57	14s19	0n26	13n 9	1n 8	19n10	0n59	1n38	0n44	6s19	1s29	27n56	7n45	14s27	14s 4	6n13	13n25	8s47
T 2	22 34	6 5	4 45	19 1	0 37	22 15	1 51	14 33	0 26	13 8	1 8	19 11	0 59	1 38	0 44	6 19	1 29	27 56	7 46	14 27	14 3	6 15	13 25	8 47
W 3	22 41	2 6	4 12	19 28	0 30	21 58	1 46	14 46	0 25	13 8	1 9	19 11	0 59	1 37	0 44	6 19	1 29	27 56	7 46	14 26	14 2	6 17	13 24	8 48
T 4	22 48	1n54	3 28	19 55	0 22	21 42	1 40	15 0	0 24	13 8	1 9	19 12	0 59	1 36	0 44	6 19	1 29	27 57	7 46	14 27	14 1	6 18	13 24	8 48
F 5	22 54	5 50	2 36	20 21	0 15	21 25	1 34	15 13	0 24	13 8	1 9	19 13	0 59	1 36	0 44	6 19	1 29	27 57	7 46	14 27	14 0	6 20	13 24	8 49
S 6	23 0	9 32	1 37	20 46	0 8	21 8	1 27	15 26	0 23	13 7	1 9	19 14	1 0	1 35	0 44	6 19	1 29	27 58	7 47	14 28	13 59	6 22	13 24	8 49
S 7	23 6	12 54	0 34	21 10	0 1	20 50	1 21	15 40	0 23	13 7	1 10	19 14	1 0	1 35	0 44	6 18	1 29	27 58	7 47	14 28	13 58	6 24	13 24	8 50
M 8	23 11	15 46	0s32	21 33	0s 7	20 32	1 14	15 53	0 22	13 7	1 10	19 15	1 0	1 34	0 44	6 18	1 29	27 59	7 47	14 28	13 57	6 26	13 24	8 51
T 9	23 16	17 59	1 37	21 55	0 14	20 14	1 7	16 6	0 22	13 7	1 10	19 16	1 0	1 34	0 44	6 18	1 29	27 59	7 47	14 28	13 56	6 28	13 24	8 51
W10	23 20	19 23	2 38	22 17	0 20	19 56	0 59	16 18	0 21	13 8	1 11	19 17	1 0	1 34	0 44	6 18	1 29	27 59	7 48	14 26	13 54	6 30	13 24	8 52
T 11	23 24	19 49	3 33	22 37	0 27	19 38	0 52	16 31	0 20	13 8	1 11	19 18	1 1	1 33	0 44	6 17	1 29	28 0	7 48	14 24	13 53	6 32	13 24	8 52
F 12	23 27	19 12	4 18	22 57	0 34	19 20	0 44	16 44	0 20	13 8	1 11	19 18	1 1	1 33	0 44	6 17	1 29	28 0	7 48	14 22	13 52	6 34	13 23	8 53
S 13	23 30	17 33	4 50	23 15	0 40	19 1	0 36	16 56	0 19	13 8	1 11	19 19	1 1	1 32	0 44	6 17	1 29	28 1	7 48	14 19	13 51	6 36	13 23	8 53
S 14	23 32	14 54	5 6	23 32	0 46	18 43	0 27	17 8	0 18	13 9	1 12	19 20	1 1	1 32	0 44	6 17	1 29	28 1	7 48	14 17	13 50	6 37	13 23	8 54
M15	23 34	11 24	5 5	23 48	0 53	18 24	0 18	17 21	0 18	13 9	1 12	19 21	1 1	1 32	0 44	6 16	1 29	28 2	7 49	14 14	13 49	6 39	13 24	8 54
T 16	23 35	7 16	4 46	24 3	0 59	18 5	0 9	17 33	0 17	13 10	1 12	19 22	1 1	1 31	0 44	6 16	1 29	28 2	7 49	14 12	13 48	6 41	13 24	8 54
W17	23 36	2 42	4 10	24 16	1 4	17 47	0n 0	17 45	0 17	13 11	1 13	19 23	1 2	1 31	0 44	6 16	1 29	28 3	7 49	14 11	13 47	6 43	13 24	8 55
T 18	23 36	2s 2	3 19	24 29	1 10	17 28	0 10	17 56	0 16	13 11	1 13	19 24	1 2	1 31	0 44	6 15	1 29	28 3	7 49	14 11	13 46	6 45	13 24	8 55
F 19	23 36	6 42	2 16	24 40	1 15	17 9	0 20	18 8	0 15	13 12	1 13	19 25	1 2	1 31	0 44	6 15	1 29	28 3	7 49	14 11	13 45	6 47	13 24	8 56
S 20	23 36	11 1	1 4	24 49	1 20	16 51	0 30	18 20	0 15	13 13	1 13	19 26	1 2	1 31	0 44	6 15	1 29	28 4	7 49	14 11	13 44	6 49	13 24	8 56
S 21	23 34	14 42	0n12	24 58	1 25	16 32	0 41	18 31	0 14	13 14	1 14	19 27	1 2	1 30	0 44	6 14	1 29	28 4	7 50	14 11	13 43	6 51	13 24	8 56
M22	23 33	17 32	1 27	25 5	1 30	16 14	0 52	18 42	0 13	13 15	1 14	19 28	1 3	1 30	0 44	6 14	1 28	28 5	7 50	14 11	13 42	6 53	13 24	8 57
T 23	23 31	19 16	2 36	25 10	1 34	15 55	1 3	18 53	0 13	13 16	1 14	19 29	1 3	1 30	0 44	6 14	1 28	28 5	7 50	14 10	13 41	6 54	13 24	8 57
W24	23 28	19 48	3 35	25 14	1 38	15 37	1 15	19 4	0 12	13 17	1 15	19 31	1 3	1 30	0 45	6 13	1 28	28 6	7 50	14 8	13 40	6 56	13 25	8 57
T 25	23 26	19 8	4 20	25 17	1 42	15 19	1 26	19 15	0 11	13 18	1 15	19 32	1 3	1 30	0 45	6 13	1 28	28 6	7 50	14 5	13 39	6 58	13 25	8 58
F 26	23 22	17 23	4 50	25 18	1 46	15 2	1 39	19 25	0 11	13 19	1 15	19 33	1 3	1 30	0 45	6 12	1 28	28 7	7 51	14 1	13 38	7 0	13 25	8 58
S 27	23 18	14 45	5 3	25 18	1 49	14 44	1 51	19 36	0 10	13 20	1 15	19 34	1 3	1 30	0 45	6 12	1 28	28 7	7 51	13 58	13 37	7 2	13 25	8 58
S 28	23 14	11 27	5 0	25 16	1 52	14 27	2 4	19 46	0 9	13 22	1 16	19 35	1 4	1 30	0 45	6 11	1 28	28 7	7 51	13 54	13 36	7 4	13 26	8 59
M29	23 9	7 42	4 43	25 12	1 55	14 11	2 16	19 56	0 8	13 23	1 16	19 36	1 4	1 30	0 45	6 11	1 28	28 8	7 51	13 51	13 34	7 6	13 26	8 59
T 30	23 4	3 44	4 12	25 7	1 57	13 54	2 30	20 6	0 8	13 25	1 16	19 38	1 4	1 30	0 45	6 10	1 28	28 8	7 51	13 49	13 33	7 8	13 26	8 59
W31	22s58	0n19	3n31	25s 0	1s59	13s38	2n43	20s16	0n 7	13n26	1n17	19n39	1n 4	1n30	0n45	6s10	1s28	28n 9	7n51	13s47	13s32	7n 9	13n26	8s59

Julian Day Number = 1980719.5, Delta T = 59m10s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'04, Lahiri = 5°54'05 Julian Calendar 1 Dec. 710 == Greg. Calendar 5 Dec. 710

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ASTRODIENST EPHEMERIS for the year 711
geocentric

JANUARY 711 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 52 48	13♉57'58	4♈36	14♉ 8	15♒51	1♐ 6	27°R58	7°R 4	27°R58	17♓55	29°R 6	6°R29	5♏44	13♈35	18°R12	T 1
F 2	6 56 44	14°59'01	16°25	15°50	15°57	1°49	27♌54	6♌59	27♍58	17°56	29♋ 5	6°D28	5°40	13°42	18♋ 8	F 2
S 3	7 0 41	16° 0'02	28°13	17°32	16° 0	2°31	27°49	6°55	27°58	17°58	29° 3	6♏29	5°37	13°49	18° 4	S 3
S 4	7 4 37	17° 1'03	10♉ 8	19°15	16°R 1	3°14	27°45	6°50	27°58	17°59	29° 2	6°R29	5°34	13°55	18° 0	S 4
M 5	7 8 34	18° 2'02	22°14	20°59	15°59	3°56	27°41	6°46	27°57	18° 0	29° 0	6°28	5°31	14° 2	17°56	M 5
T 6	7 12 30	19° 3'00	4♊36	22°43	15°55	4°39	27°36	6°42	27°57	18° 2	28°59	6°24	5°28	14° 9	17°52	T 6
W 7	7 16 27	20° 3'57	17°17	24°28	15°49	5°22	27°31	6°37	27°57	18° 3	28°58	6°18	5°25	14°15	17°48	W 7
T 8	7 20 24	21° 4'53	0♋19	26°13	15°39	6° 4	27°26	6°32	27°56	18° 4	28°56	6° 9	5°21	14°22	17°44	T 8
F 9	7 24 20	22° 5'47	13°43	27°59	15°28	6°47	27°21	6°28	27°56	18° 6	28°55	5°58	5°18	14°29	17°40	F 9
S 10	7 28 17	23° 6'40	27°27	29°46	15°13	7°30	27°16	6°23	27°55	18° 7	28°53	5°46	5°15	14°35	17°36	S 10
S 11	7 32 13	24° 7'33	11♌27	1♒32	14°56	8°12	27°10	6°19	27°54	18° 9	28°52	5°34	5°12	14°42	17°32	S 11
M12	7 36 10	25° 8'23	25°37	3°19	14°37	8°55	27° 4	6°14	27°54	18°10	28°51	5°22	5° 9	14°49	17°28	M12
T 13	7 40 6	26° 9'13	9♍54	5° 6	14°16	9°38	26°59	6° 9	27°53	18°12	28°49	5°14	5° 5	14°55	17°24	T 13
W14	7 44 3	27°10'02	24°11	6°53	13°52	10°21	26°53	6° 4	27°52	18°13	28°48	5° 8	5° 2	15° 2	17°20	W14
T 15	7 47 59	28°10'50	8♎26	8°40	13°26	11° 4	26°47	6° 0	27°51	18°15	28°46	5° 4	4°59	15° 9	17°16	T 15
F 16	7 51 56	29°11'36	22°35	10°27	12°58	11°46	26°41	5°55	27°50	18°17	28°45	5° 3	4°56	15°15	17°12	F 16
S 17	7 55 53	0♒12'22	6♏38	12°13	12°28	12°29	26°34	5°50	27°49	18°18	28°43	5° 3	4°53	15°22	17° 8	S 17
S 18	7 59 49	1°13'07	20°34	13°58	11°56	13°12	26°28	5°45	27°48	18°20	28°42	5° 3	4°50	15°29	17° 4	S 18
M19	8 3 46	2°13'50	4♐23	15°43	11°23	13°55	26°21	5°40	27°47	18°21	28°41	5° 1	4°46	15°35	17° 0	M19
T 20	8 7 42	3°14'32	18° 4	17°25	10°49	14°38	26°15	5°35	27°46	18°23	28°39	4°56	4°43	15°42	16°57	T 20
W21	8 11 39	4°15'14	1♑37	19° 6	10°14	15°21	26° 8	5°30	27°45	18°25	28°38	4°48	4°40	15°49	16°53	W21
T 22	8 15 35	5°15'53	15° 0	20°45	9°37	16° 4	26° 1	5°26	27°44	18°27	28°36	4°37	4°37	15°55	16°49	T 22
F 23	8 19 32	6°16'32	28°11	22°21	9° 0	16°47	25°54	5°21	27°43	18°28	28°35	4°24	4°34	16° 2	16°45	F 23
S 24	8 23 28	7°17'09	11♒ 9	23°54	8°23	17°31	25°47	5°16	27°41	18°30	28°33	4°10	4°31	16° 8	16°41	S 24
S 25	8 27 25	8°17'44	23°52	25°22	7°46	18°14	25°40	5°11	27°40	18°32	28°32	3°56	4°27	16°15	16°38	S 25
M26	8 31 22	9°18'17	6♓19	26°47	7° 8	18°57	25°33	5° 6	27°39	18°34	28°31	3°44	4°24	16°22	16°34	M26
T 27	8 35 18	10°18'49	18°33	28° 5	6°31	19°40	25°25	5° 1	27°37	18°36	28°29	3°34	4°21	16°28	16°31	T 27
W28	8 39 15	11°19'19	0♈34	29°18	5°55	20°23	25°18	4°56	27°36	18°38	28°28	3°28	4°18	16°35	16°27	W28
T 29	8 43 11	12°19'47	12°26	0♓25	5°20	21° 6	25°11	4°52	27°34	18°40	28°26	3°24	4°15	16°42	16°24	T 29
F 30	8 47 8	13°20'13	24°14	1°24	4°45	21°50	25° 3	4°47	27°33	18°41	28°25	3°22	4°11	16°48	16°20	F 30
S 31	8 51 4	14♒20'37	6♉ 2	2♓16	4♒12	22♐33	24♌56	4♌42	27♍31	18♓43	28♋24	3°D22	4♏ 8	16♈55	16♋17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s52	4n18	2n41	24s51	2s 1	13s23	2n57	20s25	0n 6	13n28	1n17	19n40	1n 4	1n30	0n45	6s 9	1s28	28n 9	7n51	13s46	13s31	7n11	13n27	8s59
F 2	22 45	8 6	1 45	24 41	2 2	13 8	3 11	20 34	0 6	13 29	1 17	19 41	1 4	1 30	0 45	6 9	1 28	28 10	7 52	13 46	13 30	7 13	13 27	9 0
S 3	22 38	11 36	0 44	24 29	2 3	12 54	3 25	20 44	0 5	13 31	1 17	19 43	1 4	1 30	0 45	6 8	1 28	28 10	7 52	13 46	13 29	7 15	13 27	9 0
S 4	22 31	14 39	0s19	24 15	2 3	12 40	3 39	20 53	0 4	13 33	1 18	19 44	1 5	1 30	0 45	6 8	1 28	28 11	7 52	13 46	13 28	7 17	13 28	9 0
M 5	22 23	17 7	1 23	23 59	2 3	12 26	3 53	21 2	0 3	13 35	1 18	19 45	1 5	1 30	0 45	6 7	1 28	28 11	7 52	13 46	13 27	7 19	13 28	9 0
T 6	22 14	18 51	2 24	23 42	2 3	12 14	4 8	21 10	0 3	13 37	1 18	19 46	1 5	1 31	0 45	6 7	1 28	28 11	7 52	13 45	13 26	7 20	13 29	9 0
W 7	22 6	19 42	3 19	23 22	2 2	12 2	4 22	21 19	0 2	13 39	1 18	19 48	1 5	1 31	0 45	6 6	1 28	28 12	7 52	13 43	13 25	7 22	13 29	9 0
T 8	21 56	19 31	4 5	23 1	2 1	11 50	4 37	21 27	0 1	13 41	1 19	19 49	1 5	1 31	0 45	6 6	1 28	28 12	7 52	13 40	13 24	7 24	13 29	9 0
F 9	21 47	18 16	4 39	22 39	1 59	11 40	4 52	21 35	0 0	13 43	1 19	19 50	1 5	1 31	0 45	6 5	1 28	28 13	7 52	13 36	13 23	7 26	13 30	9 0
S 10	21 37	15 57	4 58	22 14	1 56	11 30	5 6	21 43	0s 0	13 45	1 19	19 52	1 5	1 31	0 45	6 4	1 28	28 13	7 52	13 32	13 22	7 28	13 30	9 0
S 11	21 26	12 40	4 59	21 47	1 53	11 21	5 21	21 51	0 1	13 47	1 19	19 53	1 6	1 32	0 45	6 4	1 28	28 13	7 53	13 28	13 21	7 30	13 31	9 0
M12	21 15	8 38	4 43	21 19	1 49	11 13	5 35	21 58	0 2	13 49	1 20	19 54	1 6	1 32	0 45	6 3	1 28	28 14	7 53	13 24	13 20	7 32	13 31	9 0
T 13	21 4	4 5	4 8	20 49	1 45	11 6	5 49	22 5	0 3	13 51	1 20	19 55	1 6	1 32	0 45	6 2	1 28	28 14	7 53	13 21	13 18	7 33	13 32	9 0
W14	20 52	0s42	3 18	20 18	1 40	10 59	6 3	22 13	0 3	13 53	1 20	19 57	1 6	1 33	0 45	6 2	1 28	28 15	7 53	13 19	13 17	7 35	13 32	9 0
T 15	20 40	5 27	2 16	19 44	1 35	10 54	6 16	22 19	0 4	13 56	1 20	19 58	1 6	1 33	0 45	6 1	1 28	28 15	7 53	13 18	13 16	7 37	13 33	9 0
F 16	20 28	9 52	1 5	19 9	1 28	10 49	6 29	22 26	0 5	13 58	1 20	19 59	1 6	1 33	0 45	6 1	1 28	28 15	7 53	13 18	13 15	7 39	13 33	9 0
S 17	20 15	13 42	0n 8	18 33	1 21	10 45	6 41	22 33	0 6	14 0	1 21	20 1	1 6	1 34	0 45	6 0	1 28	28 16	7 53	13 18	13 14	7 41	13 34	9 0
S 18	20 1	16 43	1 21	17 55	1 14	10 42	6 53	22 39	0 7	14 3	1 21	20 2	1 6	1 34	0 45	5 59	1 27	28 16	7 53	13 18	13 13	7 42	13 34	9 0
M19	19 48	18 44	2 28	17 16	1 5	10 40	7 5	22 45	0 7	14 5	1 21	20 3	1 6	1 35	0 45	5 58	1 27	28 17	7 53	13 17	13 12	7 44	13 35	9 0
T 20	19 34	19 38	3 26	16 36	0 56	10 39	7 16	22 51	0 8	14 8	1 21	20 5	1 7	1 35	0 46	5 58	1 27	28 17	7 53	13 15	13 11	7 46	13 35	9 0
W21	19 20	19 24	4 12	15 55	0 46	10 39	7 26	22 57	0 9	14 10	1 21	20 6	1 7	1 36	0 46	5 57	1 27	28 17	7 53	13 12	13 10	7 48	13 36	9 0
T 22	19 5	18 4	4 43	15 14	0 35	10 39	7 35	23 2	0 10	14 13	1 22	20 7	1 7	1 36	0 46	5 56	1 27	28 18	7 53	13 9	13 9	7 50	13 37	9 0
F 23	18 50	15 48	4 58	14 32	0 24	10 41	7 43	23 7	0 11	14 15	1 22	20 9	1 7	1 37	0 46	5 56	1 27	28 18	7 53	13 4	13 8	7 52	13 37	8 59
S 24	18 35	12 46	4 58	13 50	0 11	10 43	7 51	23 12	0 12	14 18	1 22	20 10	1 7	1 37	0 46	5 55	1 27	28 18	7 53	13 0	13 7	7 53	13 38	8 59
S 25	18 19	9 13	4 42	13 8	0n 2	10 46	7 57	23 17	0 12	14 20	1 22	20 11	1 7	1 38	0 46	5 54	1 27	28 19	7 54	12 55	13 6	7 55	13 38	8 59
M26	18 3	5 19	4 14	12 26	0 15	10 49	8 3	23 22	0 13	14 23	1 22	20 12	1 7	1 38	0 46	5 53	1 27	28 19	7 54	12 51	13 5	7 57	13 39	8 59
T 27	17 47	1 17	3 34	11 46	0 29	10 54	8 8	23 26	0 14	14 26	1 22	20 14	1 7	1 39	0 46	5 53	1 27	28 19	7 54	12 48	13 3	7 59	13 40	8 59
W28	17 30	2n44	2 44	11 6	0 44	10 58	8 12	23 30	0 15	14 28	1 23	20 15	1 7	1 40	0 46	5 52	1 27	28 20	7 54	12 45	13 2	8 1	13 40	8 58
T 29	17 13	6 37	1 49	10 29	0 59	11 4	8 15	23 34	0 16	14 31	1 23	20 16	1 7	1 40	0 46	5 51	1 27	28 20	7 54	12 44	13 1	8 2	13 41	8 58
F 30	16 56	10 12	0 48	9 53	1 14	11 10	8 17	23 38	0 17	14 34	1 23	20 17	1 7	1 41	0 46	5 50	1 27	28 20	7 54	12 43	13 0	8 4	13 42	8 58
S 31	16s38	13n24	0s14	9s20	1n30	11s16	8n18	23s41	0s18	14n36	1n23	20n19	1n 8	1n42	0n46	5s50	1s27	28n21	7n54	12s43	12s59	8n 6	13n42	8s58

Julian Day Number = 1980750.5, Delta T = 59m09s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'09, Lahiri = 5°54'09 Julian Calendar 1 Jan. 711 == Greg. Calendar 5 Jan. 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

FEBRUARY 711 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 55 1	15♒20'59	17♉55	2♓59	3°R41	23♐16	24°R48	4°R37	27°R29	18♓45	28°R22	3°R22	4♏ 5	17♈ 2	16°R13	S 1
M 2	8 58 57	16°21'19	29°59	3°33	3♒11	23°59	24♌40	4♌33	27♍28	18°47	28♋21	3♏21	4° 2	17° 8	16♋10	M 2
T 3	9 2 54	17°21'37	12♊22	3°57	2°43	24°43	24°32	4°28	27°26	18°49	28°20	3°18	3°59	17°15	16° 7	T 3
W 4	9 6 51	18°21'53	25° 5	4°13	2°18	25°26	24°25	4°23	27°24	18°51	28°18	3°13	3°56	17°22	16° 4	W 4
T 5	9 10 47	19°22'07	8♋12	4°R18	1°54	26°10	24°17	4°19	27°22	18°53	28°17	3° 6	3°52	17°28	16° 0	T 5
F 6	9 14 44	20°22'19	21°46	4°14	1°32	26°53	24° 9	4°14	27°21	18°55	28°16	2°56	3°49	17°35	15°57	F 6
S 7	9 18 40	21°22'29	5♌45	4° 0	1°13	27°36	24° 1	4°10	27°19	18°57	28°14	2°45	3°46	17°42	15°54	S 7
S 8	9 22 37	22°22'37	20° 6	3°37	0°56	28°20	23°54	4° 5	27°17	19° 0	28°13	2°34	3°43	17°48	15°51	S 8
M 9	9 26 33	23°22'43	4♍42	3° 6	0°42	29° 3	23°46	4° 1	27°15	19° 2	28°12	2°23	3°40	17°55	15°49	M 9
T 10	9 30 30	24°22'47	19°25	2°27	0°30	29°47	23°38	3°56	27°13	19° 4	28°10	2°15	3°37	18° 2	15°46	T 10
W11	9 34 26	25°22'49	4♎ 9	1°41	0°21	0♑30	23°30	3°52	27°11	19° 6	28° 9	2°10	3°33	18° 8	15°43	W11
T 12	9 38 23	26°22'50	18°46	0°50	0°14	1°14	23°22	3°47	27° 9	19° 8	28° 8	2° 7	3°30	18°15	15°40	T 12
F 13	9 42 20	27°22'49	3♏12	29♒55	0°10	1°57	23°14	3°43	27° 7	19°10	28° 7	2°D 6	3°27	18°22	15°38	F 13
S 14	9 46 16	28°22'46	17°23	28°57	0°D 8	2°41	23° 7	3°39	27° 4	19°12	28° 6	2° 7	3°24	18°28	15°35	S 14
S 15	9 50 13	29°22'42	1♐19	27°57	0° 8	3°25	22°59	3°35	27° 2	19°14	28° 4	2°R 7	3°21	18°35	15°33	S 15
M16	9 54 9	0♓22'36	15° 0	26°57	0°11	4° 8	22°51	3°31	27° 0	19°16	28° 3	2° 6	3°17	18°41	15°30	M16
T 17	9 58 6	1°22'28	28°27	25°59	0°17	4°52	22°43	3°27	26°58	19°19	28° 2	2° 3	3°14	18°48	15°28	T 17
W18	10 2 2	2°22'18	11♑40	25° 3	0°24	5°36	22°36	3°23	26°56	19°21	28° 1	1°57	3°11	18°55	15°26	W18
T 19	10 5 59	3°22'07	24°41	24°10	0°34	6°19	22°28	3°19	26°53	19°23	28° 0	1°49	3° 8	19° 1	15°23	T 19
F 20	10 9 55	4°21'54	7♒30	23°22	0°46	7° 3	22°20	3°15	26°51	19°25	27°59	1°39	3° 5	19° 8	15°21	F 20
S 21	10 13 52	5°21'39	20° 7	22°38	1° 0	7°47	22°13	3°11	26°49	19°27	27°58	1°28	3° 2	19°15	15°19	S 21
S 22	10 17 49	6°21'22	2♓33	22° 1	1°16	8°30	22° 5	3° 8	26°46	19°30	27°56	1°18	2°58	19°21	15°17	S 22
M23	10 21 45	7°21'02	14°47	21°29	1°34	9°14	21°58	3° 4	26°44	19°32	27°55	1° 8	2°55	19°28	15°15	M23
T 24	10 25 42	8°20'41	26°52	21° 3	1°54	9°58	21°51	3° 1	26°42	19°34	27°54	1° 1	2°52	19°35	15°14	T 24
W25	10 29 38	9°20'17	8♈47	20°43	2°16	10°42	21°44	2°57	26°39	19°36	27°53	0°56	2°49	19°41	15°12	W25
T 26	10 33 35	10°19'52	20°37	20°30	2°40	11°26	21°36	2°54	26°37	19°39	27°52	0°53	2°46	19°48	15°10	T 26
F 27	10 37 31	11°19'24	2♉23	20°23	3° 5	12° 9	21°29	2°50	26°34	19°41	27°51	0°D53	2°42	19°55	15° 9	F 27
S 28	10 41 28	12♓18'54	14♉11	20°D22	3♒32	12♑53	21♌22	2♌47	26♍32	19♓43	27♋50	0♏53	2♏39	20♈ 1	15♋ 7	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s21	16n 4	1s17	8s50	1n46	11s23	8n18	23s44	0s18	14n39	1n23	20n20	1n 8	1n42	0n46	5s49	1s27	28n21	7n54	12s43	12s58	8n 8	13n43	8s57
M 2	16 3	18 4	2 16	8 24	2 1	11 31	8 17	23 47	0 19	14 42	1 23	20 21	1 8	1 43	0 46	5 48	1 27	28 21	7 54	12 43	12 57	8 10	13 44	8 57
T 3	15 44	19 16	3 11	8 1	2 16	11 38	8 15	23 50	0 20	14 44	1 23	20 22	1 8	1 44	0 46	5 47	1 27	28 22	7 54	12 42	12 56	8 11	13 44	8 57
W 4	15 26	19 32	3 58	7 41	2 31	11 46	8 13	23 53	0 21	14 47	1 24	20 24	1 8	1 44	0 46	5 46	1 27	28 22	7 54	12 40	12 55	8 13	13 45	8 56
T 5	15 7	18 47	4 35	7 26	2 45	11 54	8 10	23 55	0 22	14 50	1 24	20 25	1 8	1 45	0 46	5 46	1 27	28 22	7 54	12 38	12 54	8 15	13 46	8 56
F 6	14 48	16 57	4 57	7 16	2 58	12 3	8 6	23 57	0 23	14 53	1 24	20 26	1 8	1 46	0 46	5 45	1 27	28 22	7 54	12 34	12 53	8 17	13 46	8 56
S 7	14 28	14 5	5 2	7 10	3 10	12 11	8 2	23 59	0 24	14 55	1 24	20 27	1 8	1 47	0 46	5 44	1 27	28 23	7 54	12 31	12 52	8 18	13 47	8 55
S 8	14 9	10 19	4 48	7 8	3 20	12 20	7 57	24 0	0 25	14 58	1 24	20 28	1 8	1 48	0 46	5 43	1 27	28 23	7 54	12 27	12 50	8 20	13 48	8 55
M 9	13 49	5 53	4 16	7 11	3 29	12 28	7 51	24 2	0 26	15 1	1 24	20 29	1 8	1 48	0 46	5 42	1 27	28 23	7 54	12 23	12 49	8 22	13 49	8 55
T 10	13 29	1 3	3 27	7 18	3 37	12 37	7 45	24 3	0 27	15 3	1 24	20 30	1 8	1 49	0 46	5 41	1 27	28 23	7 54	12 20	12 48	8 24	13 49	8 54
W11	13 9	3s51	2 23	7 29	3 42	12 45	7 38	24 4	0 28	15 6	1 24	20 31	1 8	1 50	0 46	5 41	1 27	28 24	7 54	12 18	12 47	8 26	13 50	8 54
T 12	12 49	8 29	1 10	7 44	3 45	12 54	7 31	24 4	0 28	15 9	1 24	20 33	1 8	1 51	0 46	5 40	1 27	28 24	7 54	12 17	12 46	8 27	13 51	8 53
F 13	12 28	12 34	0n 6	8 3	3 46	13 2	7 23	24 5	0 29	15 11	1 24	20 34	1 8	1 52	0 46	5 39	1 27	28 24	7 54	12 17	12 45	8 29	13 52	8 53
S 14	12 7	15 51	1 21	8 24	3 46	13 10	7 16	24 5	0 30	15 14	1 24	20 35	1 8	1 53	0 46	5 38	1 27	28 24	7 54	12 17	12 44	8 31	13 52	8 52
S 15	11 46	18 8	2 29	8 47	3 43	13 18	7 7	24 5	0 31	15 17	1 24	20 36	1 8	1 53	0 46	5 37	1 27	28 25	7 53	12 17	12 43	8 33	13 53	8 52
M16	11 25	19 18	3 28	9 12	3 38	13 25	6 59	24 5	0 32	15 19	1 24	20 37	1 8	1 54	0 46	5 36	1 27	28 25	7 53	12 17	12 42	8 34	13 54	8 51
T 17	11 4	19 21	4 14	9 38	3 31	13 33	6 50	24 4	0 33	15 22	1 24	20 38	1 9	1 55	0 46	5 35	1 27	28 25	7 53	12 16	12 41	8 36	13 54	8 51
W18	10 42	18 20	4 46	10 5	3 22	13 40	6 41	24 3	0 34	15 24	1 24	20 39	1 9	1 56	0 46	5 34	1 27	28 25	7 53	12 14	12 40	8 38	13 55	8 50
T 19	10 20	16 22	5 2	10 32	3 12	13 47	6 32	24 2	0 35	15 27	1 25	20 40	1 9	1 57	0 46	5 34	1 27	28 25	7 53	12 11	12 38	8 40	13 56	8 50
F 20	9 59	13 38	5 3	10 58	3 1	13 53	6 23	24 1	0 36	15 29	1 25	20 40	1 9	1 58	0 46	5 33	1 27	28 26	7 53	12 8	12 37	8 41	13 57	8 49
S 21	9 37	10 18	4 49	11 24	2 49	13 59	6 14	23 59	0 37	15 32	1 25	20 41	1 9	1 59	0 46	5 32	1 27	28 26	7 53	12 4	12 36	8 43	13 57	8 49
S 22	9 14	6 34	4 21	11 49	2 36	14 5	6 4	23 58	0 38	15 34	1 25	20 42	1 9	2 0	0 46	5 31	1 27	28 26	7 53	12 0	12 35	8 45	13 58	8 48
M23	8 52	2 37	3 42	12 12	2 22	14 11	5 55	23 56	0 39	15 37	1 25	20 43	1 9	2 1	0 46	5 30	1 27	28 26	7 53	11 57	12 34	8 47	13 59	8 48
T 24	8 30	1n23	2 53	12 34	2 8	14 16	5 45	23 54	0 40	15 39	1 25	20 44	1 9	2 2	0 46	5 29	1 27	28 26	7 53	11 54	12 33	8 48	14 0	8 47
W25	8 7	5 17	1 56	12 54	1 53	14 20	5 36	23 51	0 41	15 42	1 25	20 45	1 9	2 3	0 46	5 28	1 27	28 26	7 53	11 53	12 32	8 50	14 0	8 47
T 26	7 45	8 57	0 55	13 12	1 38	14 24	5 26	23 48	0 42	15 44	1 25	20 46	1 9	2 4	0 46	5 27	1 27	28 26	7 53	11 52	12 31	8 52	14 1	8 46
F 27	7 22	12 15	0s 8	13 28	1 24	14 28	5 16	23 45	0 43	15 46	1 24	20 46	1 9	2 5	0 46	5 27	1 27	28 27	7 53	11 51	12 30	8 54	14 2	8 46
S 28	6s59	15n 4	1s11	13s43	1n 9	14s31	5n 7	23s42	0s44	15n48	1n24	20n47	1n 9	2n 6	0n46	5s26	1s27	28n27	7n53	11s52	12s29	8n55	14n 2	8s45

Julian Day Number = 1980781.5, Delta T = 59m08s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'13, Lahiri = 5°54'13 Julian Calendar 1 Feb. 711 == Greg. Calendar 5 Feb. 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

MARCH 711 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 45 24	13♓18'21	26♉ 3	20♒26	4♒ 1	13♑37	21°R16	2°R44	26°R29	19♓45	27°R49	0♏55	2♏36	20♈ 8	15°R 6	S 1
M 2	10 49 21	14°17'46	8♊ 7	20°36	4°31	14°21	21♌ 9	2♌41	26♍27	19°48	27♋48	0°56	2°33	20°15	15♋ 5	M 2
T 3	10 53 17	15°17'09	20°26	20°52	5° 2	15° 5	21° 2	2°38	26°24	19°50	27°48	0°R56	2°30	20°21	15° 3	T 3
W 4	10 57 14	16°16'29	3♋ 6	21°12	5°35	15°49	20°56	2°35	26°22	19°52	27°47	0°54	2°27	20°28	15° 2	W 4
T 5	11 1 11	17°15'47	16°11	21°38	6° 9	16°33	20°49	2°33	26°19	19°54	27°46	0°51	2°23	20°34	15° 1	T 5
F 6	11 5 7	18°15'03	29°44	22° 8	6°45	17°16	20°43	2°30	26°17	19°57	27°45	0°46	2°20	20°41	15° 0	F 6
S 7	11 9 4	19°14'16	13♌45	22°42	7°22	18° 0	20°37	2°27	26°14	19°59	27°44	0°40	2°17	20°48	14°59	S 7
S 8	11 13 0	20°13'27	28°12	23°20	8° 0	18°44	20°31	2°25	26°12	20° 1	27°43	0°33	2°14	20°54	14°59	S 8
M 9	11 16 57	21°12'36	13♍ 0	24° 2	8°39	19°28	20°25	2°23	26° 9	20° 4	27°43	0°27	2°11	21° 1	14°58	M 9
T 10	11 20 53	22°11'43	28° 1	24°48	9°20	20°12	20°19	2°20	26° 7	20° 6	27°42	0°23	2° 8	21° 8	14°57	T 10
W11	11 24 50	23°10'47	13♎ 6	25°37	10° 1	20°56	20°13	2°18	26° 4	20° 8	27°41	0°20	2° 4	21°14	14°57	W11
T 12	11 28 46	24° 9'50	28° 6	26°30	10°44	21°40	20° 8	2°16	26° 1	20°10	27°41	0°D19	2° 1	21°21	14°56	T 12
F 13	11 32 43	25° 8'50	12♏53	27°25	11°27	22°24	20° 3	2°14	25°59	20°13	27°40	0°19	1°58	21°28	14°56	F 13
S 14	11 36 40	26° 7'49	27°22	28°24	12°12	23° 8	19°57	2°12	25°56	20°15	27°39	0°21	1°55	21°34	14°56	S 14
S 15	11 40 36	27° 6'46	11♐29	29°25	12°57	23°52	19°52	2°10	25°54	20°17	27°39	0°22	1°52	21°41	14°55	S 15
M16	11 44 33	28° 5'41	25°15	0♓29	13°43	24°36	19°47	2° 9	25°51	20°19	27°38	0°R23	1°48	21°48	14°D55	M16
T 17	11 48 29	29° 4'35	8♑40	1°35	14°30	25°20	19°43	2° 7	25°49	20°22	27°37	0°23	1°45	21°54	14°55	T 17
W18	11 52 26	0♈ 3'27	21°45	2°44	15°18	26° 4	19°38	2° 6	25°46	20°24	27°37	0°21	1°42	22° 1	14°55	W18
T 19	11 56 22	1° 2'17	4♒33	3°55	16° 7	26°48	19°34	2° 4	25°43	20°26	27°36	0°18	1°39	22° 8	14°56	T 19
F 20	12 0 19	2° 1'05	17° 7	5° 9	16°56	27°32	19°29	2° 3	25°41	20°28	27°36	0°14	1°36	22°14	14°56	F 20
S 21	12 4 15	2°59'51	29°27	6°24	17°47	28°16	19°25	2° 2	25°38	20°31	27°35	0° 9	1°33	22°21	14°56	S 21
S 22	12 8 12	3°58'35	11♓38	7°42	18°37	29° 0	19°21	2° 1	25°36	20°33	27°35	0° 4	1°29	22°27	14°57	S 22
M23	12 12 8	4°57'18	23°40	9° 2	19°29	29°44	19°18	2° 0	25°33	20°35	27°35	0° 0	1°26	22°34	14°57	M23
T 24	12 16 5	5°55'58	5♈35	10°23	20°21	0♒28	19°14	1°59	25°31	20°37	27°34	29♎57	1°23	22°41	14°58	T 24
W25	12 20 2	6°54'36	17°25	11°47	21°14	1°12	19°11	1°58	25°28	20°39	27°34	29°55	1°20	22°47	14°59	W25
T 26	12 23 58	7°53'13	29°12	13°12	22° 7	1°56	19° 7	1°57	25°26	20°42	27°34	29°D55	1°17	22°54	14°59	T 26
F 27	12 27 55	8°51'47	10♉58	14°39	23° 1	2°40	19° 4	1°57	25°23	20°44	27°33	29°55	1°14	23° 1	15° 0	F 27
S 28	12 31 51	9°50'19	22°48	16° 8	23°55	3°24	19° 1	1°57	25°21	20°46	27°33	29°56	1°10	23° 7	15° 1	S 28
S 29	12 35 48	10°48'49	4♊43	17°39	24°50	4° 8	18°59	1°56	25°18	20°48	27°33	29°58	1° 7	23°14	15° 2	S 29
M30	12 39 44	11°47'17	16°49	19°12	25°46	4°52	18°56	1°56	25°16	20°50	27°32	29°59	1° 4	23°21	15° 4	M30
T 31	12 43 41	12♈45'43	29♊ 8	20♓46	26♒42	5♒36	18♌54	1°D56	25♍13	20♓52	27♋32	0♏ 1	1♏ 1	23♈27	15♋ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s36	17n16	2s12	13s55	0n55	14s34	4n57	23s39	0s45	15n51	1n24	20n48	1n 9	2n 7	0n46	5s25	1s27	28n27	7n53	11s52	12s28	8n57	14n 3	8s45
M 2	6 13	18 43	3 8	14 5	0 41	14 37	4 48	23 35	0 46	15 53	1 24	20 49	1 9	2 8	0 46	5 24	1 27	28 27	7 53	11 53	12 26	8 59	14 4	8 44
T 3	5 50	19 20	3 56	14 13	0 27	14 38	4 38	23 31	0 47	15 55	1 24	20 49	1 9	2 9	0 46	5 23	1 27	28 27	7 52	11 53	12 25	9 1	14 5	8 43
W 4	5 27	19 0	4 35	14 19	0 13	14 40	4 29	23 27	0 48	15 57	1 24	20 50	1 9	2 10	0 46	5 22	1 27	28 27	7 52	11 52	12 24	9 2	14 5	8 43
T 5	5 4	17 39	5 0	14 23	0 0	14 41	4 19	23 23	0 49	15 59	1 24	20 51	1 9	2 11	0 46	5 21	1 27	28 27	7 52	11 51	12 23	9 4	14 6	8 42
F 6	4 41	15 18	5 10	14 25	0s12	14 41	4 10	23 18	0 50	16 1	1 24	20 51	1 9	2 12	0 46	5 20	1 27	28 27	7 52	11 49	12 22	9 6	14 7	8 42
S 7	4 17	11 59	5 2	14 25	0 24	14 41	4 0	23 14	0 51	16 3	1 24	20 52	1 9	2 13	0 46	5 19	1 27	28 27	7 52	11 47	12 21	9 7	14 7	8 41
S 8	3 54	7 53	4 35	14 23	0 36	14 40	3 51	23 9	0 52	16 5	1 24	20 52	1 9	2 14	0 46	5 19	1 27	28 27	7 52	11 45	12 20	9 9	14 8	8 40
M 9	3 30	3 12	3 49	14 20	0 47	14 39	3 42	23 3	0 53	16 7	1 24	20 53	1 9	2 15	0 46	5 18	1 27	28 28	7 52	11 43	12 19	9 11	14 9	8 40
T 10	3 7	1s45	2 47	14 14	0 57	14 37	3 33	22 58	0 54	16 8	1 24	20 53	1 9	2 16	0 46	5 17	1 27	28 28	7 52	11 41	12 18	9 13	14 10	8 39
W11	2 44	6 37	1 33	14 7	1 7	14 35	3 24	22 52	0 55	16 10	1 24	20 54	1 9	2 17	0 46	5 16	1 27	28 28	7 52	11 40	12 17	9 14	14 10	8 38
T 12	2 20	11 3	0 12	13 58	1 16	14 32	3 15	22 46	0 56	16 12	1 24	20 54	1 9	2 18	0 46	5 15	1 27	28 28	7 52	11 40	12 15	9 16	14 11	8 38
F 13	1 56	14 44	1n 8	13 47	1 25	14 29	3 6	22 40	0 57	16 13	1 24	20 55	1 9	2 19	0 46	5 14	1 27	28 28	7 51	11 40	12 14	9 18	14 12	8 37
S 14	1 33	17 24	2 23	13 34	1 34	14 25	2 57	22 34	0 58	16 15	1 24	20 55	1 9	2 20	0 46	5 13	1 27	28 28	7 51	11 40	12 13	9 19	14 12	8 37
S 15	1 9	18 54	3 26	13 20	1 41	14 21	2 49	22 27	1 0	16 16	1 23	20 56	1 9	2 21	0 46	5 12	1 27	28 28	7 51	11 41	12 12	9 21	14 13	8 36
M16	0 46	19 15	4 17	13 4	1 49	14 16	2 40	22 21	1 1	16 18	1 23	20 56	1 9	2 22	0 46	5 11	1 27	28 28	7 51	11 41	12 11	9 23	14 14	8 35
T 17	0 22	18 29	4 51	12 46	1 55	14 10	2 32	22 14	1 2	16 19	1 23	20 56	1 9	2 23	0 46	5 11	1 27	28 28	7 51	11 41	12 10	9 25	14 14	8 35
W18	0n 1	16 44	5 10	12 27	2 1	14 4	2 24	22 6	1 3	16 21	1 23	20 57	1 9	2 24	0 46	5 10	1 27	28 28	7 51	11 40	12 9	9 26	14 15	8 34
T 19	0 25	14 12	5 12	12 6	2 7	13 58	2 15	21 59	1 4	16 22	1 23	20 57	1 9	2 25	0 46	5 9	1 27	28 28	7 51	11 39	12 8	9 28	14 15	8 33
F 20	0 48	11 3	5 0	11 44	2 12	13 51	2 7	21 51	1 5	16 23	1 23	20 57	1 9	2 26	0 46	5 8	1 27	28 28	7 51	11 38	12 7	9 30	14 16	8 33
S 21	1 12	7 28	4 34	11 20	2 17	13 43	1 59	21 44	1 6	16 24	1 23	20 57	1 9	2 27	0 46	5 7	1 27	28 28	7 50	11 36	12 5	9 31	14 17	8 32
S 22	1 35	3 38	3 55	10 55	2 21	13 35	1 52	21 36	1 7	16 25	1 23	20 58	1 9	2 28	0 46	5 6	1 27	28 28	7 50	11 34	12 4	9 33	14 17	8 31
M23	1 59	0n19	3 7	10 28	2 24	13 26	1 44	21 27	1 8	16 27	1 22	20 58	1 9	2 29	0 46	5 5	1 27	28 28	7 50	11 33	12 3	9 35	14 18	8 31
T 24	2 22	4 13	2 10	9 59	2 27	13 17	1 36	21 19	1 9	16 28	1 22	20 58	1 9	2 30	0 46	5 4	1 27	28 28	7 50	11 32	12 2	9 36	14 18	8 30
W25	2 46	7 56	1 8	9 30	2 29	13 7	1 29	21 10	1 10	16 28	1 22	20 58	1 9	2 31	0 46	5 4	1 27	28 27	7 50	11 31	12 1	9 38	14 19	8 29
T 26	3 9	11 19	0 4	8 58	2 31	12 57	1 21	21 1	1 11	16 29	1 22	20 58	1 8	2 32	0 46	5 3	1 27	28 27	7 50	11 31	12 0	9 40	14 20	8 29
F 27	3 32	14 16	1s 1	8 26	2 33	12 46	1 14	20 52	1 12	16 30	1 22	20 58	1 8	2 33	0 46	5 2	1 27	28 27	7 50	11 31	11 59	9 41	14 20	8 28
S 28	3 55	16 37	2 3	7 52	2 33	12 35	1 7	20 43	1 14	16 31	1 22	20 58	1 8	2 34	0 46	5 1	1 27	28 27	7 50	11 32	11 58	9 43	14 21	8 27
S 29	4 18	18 16	3 1	7 16	2 34	12 23	1 0	20 34	1 15	16 32	1 22	20 58	1 8	2 35	0 46	5 0	1 27	28 27	7 49	11 32	11 57	9 45	14 21	8 27
M30	4 42	19 6	3 51	6 39	2 33	12 11	0 53	20 24	1 16	16 32	1 21	20 59	1 8	2 36	0 46	4 59	1 27	28 27	7 49	11 33	11 55	9 46	14 22	8 26
T 31	5n 4	19n 4	4s32	6s 1	2s33	11s58	0n47	20s14	1s17	16n33	1n21	20n59	1n 8	2n37	0n46	4s59	1s27	28n27	7n49	11s33	11s54	9n48	14n22	8s25

Julian Day Number = 1980809.5, Delta T = 59m07s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'17, Lahiri = 5°54'17 Julian Calendar 1 March 711 == Greg. Calendar 5 March 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

APRIL 711 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 47 37	13♈44'07	11♋46	22♓22	27♒38	6♒20	18°R52	1♌56	25°R11	20♓55	27°R32	0°R 1	0♏58	23♈34	15♋ 6	W 1
T 2	12 51 34	14°42'28	24°46	24° 0	28°35	7° 4	18♌50	1°56	25♍ 8	20°57	27♋32	0♏ 1	0°54	23°41	15° 8	T 2
F 3	12 55 31	15°40'47	8♌12	25°40	29°32	7°48	18°48	1°56	25° 6	20°59	27°32	29♎59	0°51	23°47	15° 9	F 3
S 4	12 59 27	16°39'04	22° 5	27°21	0♓30	8°32	18°46	1°57	25° 4	21° 1	27°32	29°59	0°48	23°54	15°11	S 4
S 5	13 3 24	17°37'19	6♍25	29° 4	1°28	9°16	18°45	1°57	25° 1	21° 3	27°32	29°57	0°45	24° 1	15°12	S 5
M 6	13 7 20	18°35'32	21° 9	0♈49	2°27	10° 0	18°44	1°58	24°59	21° 5	27°32	29°56	0°42	24° 7	15°14	M 6
T 7	13 11 17	19°33'43	6♎11	2°35	3°26	10°44	18°43	1°58	24°57	21° 7	27°D32	29°55	0°39	24°14	15°16	T 7
W 8	13 15 13	20°31'52	21°22	4°24	4°25	11°28	18°42	1°59	24°55	21° 9	27°32	29°54	0°35	24°20	15°18	W 8
T 9	13 19 10	21°29'59	6♏34	6°14	5°25	12°11	18°41	2° 0	24°52	21°11	27°32	29°D54	0°32	24°27	15°20	T 9
F 10	13 23 6	22°28'05	21°37	8° 6	6°25	12°55	18°40	2° 1	24°50	21°13	27°32	29°54	0°29	24°34	15°22	F 10
S 11	13 27 3	23°26'09	6♐23	9°59	7°25	13°39	18°40	2° 2	24°48	21°15	27°32	29°55	0°26	24°40	15°24	S 11
S 12	13 31 0	24°24'12	20°46	11°55	8°26	14°23	18°D40	2° 3	24°46	21°17	27°32	29°55	0°23	24°47	15°26	S 12
M13	13 34 56	25°22'13	4♑43	13°52	9°27	15° 7	18°40	2° 4	24°44	21°19	27°32	29°56	0°19	24°54	15°29	M13
T 14	13 38 53	26°20'13	18°14	15°51	10°28	15°51	18°40	2° 6	24°42	21°21	27°32	29°56	0°16	25° 0	15°31	T 14
W15	13 42 49	27°18'11	1♒21	17°51	11°29	16°34	18°41	2° 7	24°40	21°23	27°33	29°R56	0°13	25° 7	15°34	W15
T 16	13 46 46	28°16'08	14° 6	19°54	12°31	17°18	18°41	2° 9	24°38	21°25	27°33	29°56	0°10	25°14	15°36	T 16
F 17	13 50 42	29°14'04	26°32	21°57	13°33	18° 2	18°42	2°10	24°36	21°27	27°33	29°56	0° 7	25°20	15°39	F 17
S 18	13 54 39	0♉11'58	8♓44	24° 3	14°36	18°46	18°43	2°12	24°34	21°29	27°33	29°D56	0° 4	25°27	15°42	S 18
S 19	13 58 35	1° 9'51	20°45	26° 9	15°39	19°29	18°44	2°14	24°32	21°31	27°34	29°56	0° 0	25°34	15°44	S 19
M20	14 2 32	2° 7'42	2♈38	28°17	16°41	20°13	18°45	2°16	24°30	21°32	27°34	29°56	29♎57	25°40	15°47	M20
T 21	14 6 28	3° 5'32	14°27	0♉26	17°45	20°57	18°47	2°18	24°28	21°34	27°34	29°56	29°54	25°47	15°50	T 21
W22	14 10 25	4° 3'21	26°13	2°36	18°48	21°40	18°48	2°20	24°26	21°36	27°35	29°R57	29°51	25°53	15°53	W22
T 23	14 14 22	5° 1'08	8♉ 1	4°46	19°52	22°24	18°50	2°23	24°24	21°38	27°35	29°57	29°48	26° 0	15°56	T 23
F 24	14 18 18	5°58'54	19°51	6°57	20°55	23° 7	18°52	2°25	24°23	21°40	27°36	29°56	29°45	26° 7	16° 0	F 24
S 25	14 22 15	6°56'38	1♊47	9° 9	21°59	23°51	18°55	2°28	24°21	21°41	27°36	29°56	29°41	26°13	16° 3	S 25
S 26	14 26 11	7°54'21	13°49	11°20	23° 4	24°34	18°57	2°30	24°19	21°43	27°37	29°55	29°38	26°20	16° 6	S 26
M27	14 30 8	8°52'02	26° 2	13°30	24° 8	25°18	19° 0	2°33	24°18	21°45	27°37	29°53	29°35	26°27	16°10	M27
T 28	14 34 4	9°49'42	8♋28	15°40	25°13	26° 1	19° 2	2°36	24°16	21°46	27°38	29°52	29°32	26°33	16°13	T 28
W29	14 38 1	10°47'20	21° 9	17°50	26°17	26°44	19° 5	2°39	24°15	21°48	27°38	29°51	29°29	26°40	16°17	W29
T 30	14 41 57	11♉44'57	4♌ 8	19♉58	27♓22	27♒28	19♌ 8	2♌42	24♍13	21♓50	27♋39	29♎51	29♎25	26♈47	16♋20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n27	18n 5	5s 1	5s22	2s31	11s45	0n40	20s 4	1s18	16n33	1n21	20n58	1n 8	2n38	0n46	4s58	1s27	28n27	7n49	11s33	11s53	9n50	14n23	8s25
T 2	5 50	16 9	5 16	4 41	2 29	11 31	0 33	19 54	1 19	16 34	1 21	20 58	1 8	2 39	0 46	4 57	1 27	28 27	7 49	11 33	11 52	9 51	14 23	8 24
F 3	6 13	13 17	5 14	3 59	2 27	11 17	0 27	19 44	1 20	16 34	1 21	20 58	1 8	2 40	0 46	4 56	1 27	28 27	7 49	11 33	11 51	9 53	14 24	8 23
S 4	6 35	9 37	4 54	3 16	2 24	11 3	0 21	19 34	1 21	16 35	1 21	20 58	1 8	2 41	0 46	4 55	1 27	28 27	7 49	11 32	11 50	9 55	14 24	8 23
S 5	6 58	5 16	4 15	2 31	2 21	10 48	0 15	19 23	1 22	16 35	1 21	20 58	1 8	2 42	0 46	4 54	1 27	28 26	7 48	11 32	11 49	9 56	14 25	8 22
M 6	7 20	0 29	3 19	1 46	2 17	10 32	0 9	19 12	1 23	16 35	1 20	20 58	1 8	2 43	0 46	4 54	1 27	28 26	7 48	11 31	11 48	9 58	14 25	8 22
T 7	7 42	4s26	2 8	0 59	2 12	10 16	0 3	19 1	1 24	16 35	1 20	20 58	1 8	2 44	0 46	4 53	1 27	28 26	7 48	11 31	11 47	10 0	14 26	8 21
W 8	8 4	9 7	0 47	0 11	2 7	10 0	0s 3	18 50	1 26	16 36	1 20	20 58	1 8	2 44	0 46	4 52	1 27	28 26	7 48	11 31	11 45	10 1	14 26	8 20
T 9	8 26	13 13	0n37	0n38	2 1	9 43	0 8	18 39	1 27	16 36	1 20	20 57	1 8	2 45	0 46	4 51	1 27	28 26	7 48	11 31	11 44	10 3	14 26	8 20
F 10	8 48	16 24	1 58	1 28	1 55	9 26	0 14	18 27	1 28	16 36	1 20	20 57	1 8	2 46	0 46	4 51	1 28	28 26	7 48	11 31	11 43	10 5	14 27	8 19
S 11	9 10	18 25	3 9	2 19	1 49	9 8	0 19	18 15	1 29	16 36	1 20	20 57	1 8	2 47	0 46	4 50	1 28	28 26	7 48	11 31	11 42	10 6	14 27	8 18
S 12	9 31	19 11	4 7	3 11	1 42	8 50	0 24	18 4	1 30	16 35	1 19	20 57	1 8	2 48	0 46	4 49	1 28	28 25	7 47	11 31	11 41	10 8	14 28	8 18
M13	9 53	18 43	4 48	4 4	1 34	8 32	0 29	17 52	1 31	16 35	1 19	20 56	1 8	2 49	0 46	4 48	1 28	28 25	7 47	11 31	11 40	10 9	14 28	8 17
T 14	10 14	17 12	5 11	4 57	1 26	8 13	0 34	17 40	1 32	16 35	1 19	20 56	1 8	2 49	0 46	4 48	1 28	28 25	7 47	11 32	11 39	10 11	14 28	8 16
W15	10 35	14 50	5 18	5 52	1 17	7 54	0 39	17 27	1 33	16 35	1 19	20 55	1 8	2 50	0 46	4 47	1 28	28 25	7 47	11 32	11 38	10 13	14 29	8 16
T 16	10 56	11 47	5 8	6 46	1 9	7 35	0 44	17 15	1 34	16 34	1 19	20 55	1 8	2 51	0 46	4 46	1 28	28 25	7 47	11 32	11 36	10 14	14 29	8 15
F 17	11 17	8 18	4 45	7 42	0 59	7 15	0 48	17 3	1 35	16 34	1 19	20 55	1 8	2 52	0 46	4 45	1 28	28 24	7 47	11 32	11 35	10 16	14 29	8 15
S 18	11 37	4 31	4 8	8 37	0 50	6 55	0 53	16 50	1 37	16 34	1 18	20 54	1 8	2 53	0 46	4 45	1 28	28 24	7 47	11 31	11 34	10 18	14 30	8 14
S 19	11 58	0 37	3 21	9 33	0 40	6 35	0 57	16 37	1 38	16 33	1 18	20 54	1 8	2 53	0 46	4 44	1 28	28 24	7 46	11 32	11 33	10 19	14 30	8 13
M20	12 18	3n17	2 26	10 28	0 30	6 14	1 1	16 24	1 39	16 32	1 18	20 53	1 8	2 54	0 46	4 43	1 28	28 24	7 46	11 32	11 32	10 21	14 30	8 13
T 21	12 38	7 2	1 25	11 24	0 19	5 53	1 5	16 11	1 40	16 32	1 18	20 53	1 8	2 55	0 46	4 43	1 28	28 24	7 46	11 32	11 31	10 22	14 30	8 12
W22	12 57	10 31	0 21	12 19	0 9	5 31	1 9	15 58	1 41	16 31	1 18	20 52	1 8	2 55	0 46	4 42	1 28	28 23	7 46	11 32	11 30	10 24	14 31	8 12
T 23	13 17	13 34	0s45	13 14	0n 2	5 10	1 13	15 45	1 42	16 30	1 17	20 52	1 8	2 56	0 46	4 41	1 28	28 23	7 46	11 32	11 29	10 26	14 31	8 11
F 24	13 36	16 5	1 48	14 7	0 12	4 48	1 17	15 31	1 43	16 30	1 17	20 51	1 8	2 57	0 46	4 41	1 28	28 23	7 46	11 32	11 27	10 27	14 31	8 10
S 25	13 56	17 55	2 48	15 0	0 23	4 26	1 20	15 18	1 44	16 29	1 17	20 50	1 7	2 57	0 46	4 40	1 28	28 23	7 46	11 31	11 26	10 29	14 31	8 10
S 26	14 14	18 58	3 40	15 51	0 33	4 3	1 24	15 4	1 45	16 28	1 17	20 50	1 7	2 58	0 46	4 39	1 28	28 22	7 45	11 31	11 25	10 30	14 32	8 9
M27	14 33	19 9	4 24	16 41	0 43	3 41	1 27	14 51	1 46	16 27	1 17	20 49	1 7	2 59	0 46	4 39	1 28	28 22	7 45	11 31	11 24	10 32	14 32	8 9
T 28	14 52	18 25	4 55	17 30	0 53	3 18	1 30	14 37	1 47	16 26	1 17	20 48	1 7	2 59	0 46	4 38	1 28	28 22	7 45	11 30	11 23	10 34	14 32	8 8
W29	15 10	16 46	5 14	18 16	1 3	2 55	1 33	14 23	1 48	16 25	1 16	20 48	1 7	3 0	0 45	4 37	1 28	28 22	7 45	11 30	11 22	10 35	14 32	8 8
T 30	15n28	14n14	5s16	19n 0	1n12	2s31	1s36	14s 9	1s50	16n24	1n16	20n47	1n 7	3n 0	0n45	4s37	1s28	28n21	7n45	11s30	11s21	10n37	14n32	8s 7

Julian Day Number = 1980840.5, Delta T = 59m07s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'21, Lahiri = 5°54'21 Julian Calendar 1 Apr. 711 == Greg. Calendar 5 Apr. 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

MAY 711 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 45 54	12♉42'32	17♌29	22♉ 4	28♓27	28♒11	19♌11	2♌45	24°R12	21♓51	27♋40	29°D51	29♎22	26♈53	16♋24	F 1
S 2	14 49 51	13°40'05	1♍12	24° 9	29°33	28°54	19°15	2°48	24♍10	21°53	27°40	29♎51	29°19	27° 0	16°28	S 2
S 3	14 53 47	14°37'37	15°20	26°12	0♈38	29°37	19°18	2°51	24° 9	21°54	27°41	29°52	29°16	27° 7	16°32	S 3
M 4	14 57 44	15°35'07	29°49	28°13	1°44	0♓20	19°22	2°54	24° 8	21°56	27°42	29°53	29°13	27°13	16°35	M 4
T 5	15 1 40	16°32'37	14♎38	0♊12	2°50	1° 3	19°26	2°58	24° 6	21°57	27°43	29°54	29°10	27°20	16°39	T 5
W 6	15 5 37	17°30'04	29°40	2° 8	3°56	1°46	19°30	3° 1	24° 5	21°59	27°43	29°R54	29° 6	27°26	16°43	W 6
T 7	15 9 33	18°27'31	14♏48	4° 2	5° 2	2°29	19°34	3° 5	24° 4	22° 0	27°44	29°54	29° 3	27°33	16°47	T 7
F 8	15 13 30	19°24'56	29°52	5°53	6° 8	3°12	19°39	3° 9	24° 3	22° 2	27°45	29°53	29° 0	27°40	16°52	F 8
S 9	15 17 26	20°22'21	14♐44	7°42	7°14	3°55	19°43	3°13	24° 2	22° 3	27°46	29°50	28°57	27°46	16°56	S 9
S 10	15 21 23	21°19'45	29°16	9°28	8°21	4°38	19°48	3°16	24° 1	22° 4	27°47	29°48	28°54	27°53	17° 0	S 10
M11	15 25 20	22°17'08	13♑23	11°12	9°28	5°21	19°53	3°20	24° 0	22° 6	27°48	29°45	28°51	28° 0	17° 4	M11
T 12	15 29 16	23°14'30	27° 2	12°52	10°34	6° 3	19°58	3°25	23°59	22° 7	27°49	29°42	28°47	28° 6	17° 9	T 12
W13	15 33 13	24°11'51	10♒15	14°30	11°41	6°46	20° 3	3°29	23°58	22° 8	27°49	29°41	28°44	28°13	17°13	W13
T 14	15 37 9	25° 9'12	23° 2	16° 5	12°48	7°29	20° 8	3°33	23°57	22°10	27°50	29°D40	28°41	28°20	17°18	T 14
F 15	15 41 6	26° 6'32	5♓28	17°38	13°56	8°11	20°14	3°37	23°57	22°11	27°51	29°40	28°38	28°26	17°22	F 15
S 16	15 45 2	27° 3'52	17°37	19° 7	15° 3	8°53	20°19	3°42	23°56	22°12	27°52	29°41	28°35	28°33	17°27	S 16
S 17	15 48 59	28° 1'11	29°34	20°34	16°10	9°36	20°25	3°46	23°55	22°13	27°53	29°43	28°31	28°40	17°32	S 17
M18	15 52 55	28°58'29	11♈24	21°57	17°18	10°18	20°31	3°51	23°54	22°14	27°55	29°45	28°28	28°46	17°36	M18
T 19	15 56 52	29°55'47	23°10	23°18	18°26	11° 0	20°37	3°55	23°54	22°16	27°56	29°46	28°25	28°53	17°41	T 19
W20	16 0 49	0♊53'05	4♉57	24°35	19°33	11°42	20°43	4° 0	23°53	22°17	27°57	29°R46	28°22	29° 0	17°46	W20
T 21	16 4 45	1°50'21	16°48	25°50	20°41	12°25	20°49	4° 5	23°53	22°18	27°58	29°44	28°19	29° 6	17°51	T 21
F 22	16 8 42	2°47'38	28°45	27° 1	21°49	13° 6	20°56	4° 9	23°52	22°19	27°59	29°42	28°16	29°13	17°56	F 22
S 23	16 12 38	3°44'53	10♊51	28°10	22°57	13°48	21° 2	4°14	23°52	22°20	28° 0	29°37	28°12	29°19	18° 1	S 23
S 24	16 16 35	4°42'09	23° 6	29°15	24° 6	14°30	21° 9	4°19	23°52	22°21	28° 1	29°32	28° 9	29°26	18° 6	S 24
M25	16 20 31	5°39'23	5♋33	0♋17	25°14	15°12	21°16	4°24	23°51	22°22	28° 3	29°25	28° 6	29°33	18°11	M25
T 26	16 24 28	6°36'37	18°12	1°15	26°22	15°53	21°23	4°30	23°51	22°23	28° 4	29°19	28° 3	29°39	18°16	T 26
W27	16 28 24	7°33'50	1♌ 4	2°10	27°31	16°35	21°30	4°35	23°51	22°23	28° 5	29°14	28° 0	29°46	18°21	W27
T 28	16 32 21	8°31'03	14°11	3° 2	28°39	17°16	21°37	4°40	23°51	22°24	28° 6	29°10	27°56	29°53	18°27	T 28
F 29	16 36 18	9°28'14	27°34	3°50	29°48	17°58	21°45	4°46	23°51	22°25	28° 8	29° 8	27°53	29°59	18°32	F 29
S 30	16 40 14	10°25'25	11♍13	4°34	0♉57	18°39	21°52	4°51	23°D51	22°26	28° 9	29°D 7	27°50	0♉ 6	18°37	S 30
S 31	16 44 11	11♊22'35	25♍10	5♋14	2♉ 6	19♓20	22♌ 0	4♌56	23♍51	22♓27	28♋10	29♎ 8	27♎47	0♉13	18♋43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n46	10n54	5s 2	19n42	1n21	2s 8	1s39	13s55	1s51	16n22	1n16	20n46	1n 7	3n 1	0n45	4s36	1s28	28n21	7n45	11s30	11s20	10n38	14n32	8s 7
S 2	16 3	6 54	4 31	20 22	1 29	1 44	1 42	13 41	1 52	16 21	1 16	20 46	1 7	3 1	0 45	4 36	1 28	28 21	7 45	11 30	11 18	10 40	14 32	8 6
S 3	16 20	2 24	3 43	21 0	1 36	1 20	1 44	13 26	1 53	16 20	1 16	20 45	1 7	3 2	0 45	4 35	1 28	28 21	7 44	11 30	11 17	10 42	14 32	8 6
M 4	16 37	2s22	2 39	21 34	1 43	0 56	1 47	13 12	1 54	16 19	1 16	20 44	1 7	3 2	0 45	4 34	1 28	28 20	7 44	11 30	11 16	10 43	14 32	8 5
T 5	16 54	7 5	1 24	22 7	1 49	0 32	1 49	12 58	1 55	16 17	1 15	20 43	1 7	3 3	0 45	4 34	1 28	28 20	7 44	11 31	11 15	10 45	14 33	8 4
W 6	17 10	11 27	0 1	22 36	1 55	0 8	1 51	12 43	1 56	16 16	1 15	20 42	1 7	3 3	0 45	4 33	1 29	28 20	7 44	11 31	11 14	10 46	14 33	8 4
T 7	17 26	15 5	1n22	23 4	2 0	0n17	1 54	12 28	1 57	16 14	1 15	20 41	1 7	3 4	0 45	4 33	1 29	28 19	7 44	11 31	11 13	10 48	14 33	8 3
F 8	17 42	17 41	2 38	23 28	2 4	0 41	1 55	12 14	1 58	16 13	1 15	20 40	1 7	3 4	0 45	4 32	1 29	28 19	7 44	11 30	11 12	10 50	14 33	8 3
S 9	17 58	19 2	3 43	23 50	2 7	1 6	1 57	11 59	1 59	16 11	1 15	20 40	1 7	3 5	0 45	4 32	1 29	28 19	7 44	11 30	11 10	10 51	14 33	8 2
S 10	18 13	19 4	4 32	24 10	2 10	1 31	1 59	11 44	2 0	16 9	1 15	20 39	1 7	3 5	0 45	4 31	1 29	28 19	7 44	11 29	11 9	10 53	14 33	8 2
M11	18 28	17 54	5 3	24 27	2 12	1 55	2 1	11 29	2 1	16 8	1 14	20 38	1 7	3 5	0 45	4 31	1 29	28 18	7 43	11 28	11 8	10 54	14 32	8 2
T 12	18 43	15 45	5 15	24 42	2 13	2 20	2 2	11 14	2 2	16 6	1 14	20 37	1 7	3 6	0 45	4 30	1 29	28 18	7 43	11 27	11 7	10 56	14 32	8 1
W13	18 57	12 49	5 10	24 54	2 13	2 45	2 4	10 59	2 3	16 4	1 14	20 36	1 7	3 6	0 45	4 30	1 29	28 18	7 43	11 26	11 6	10 57	14 32	8 1
T 14	19 11	9 22	4 50	25 4	2 13	3 11	2 5	10 44	2 4	16 2	1 14	20 35	1 7	3 6	0 45	4 29	1 29	28 17	7 43	11 26	11 5	10 59	14 32	8 0
F 15	19 25	5 36	4 16	25 12	2 11	3 36	2 6	10 29	2 5	16 0	1 14	20 34	1 7	3 6	0 45	4 29	1 29	28 17	7 43	11 26	11 4	11 1	14 32	8 0
S 16	19 38	1 41	3 32	25 18	2 9	4 1	2 7	10 14	2 6	15 58	1 14	20 33	1 7	3 7	0 45	4 29	1 29	28 17	7 43	11 26	11 3	11 2	14 32	7 59
S 17	19 51	2n15	2 39	25 22	2 7	4 26	2 8	9 59	2 7	15 56	1 13	20 31	1 7	3 7	0 45	4 28	1 29	28 16	7 43	11 27	11 1	11 4	14 32	7 59
M18	20 4	6 4	1 39	25 24	2 3	4 51	2 9	9 44	2 8	15 54	1 13	20 30	1 7	3 7	0 45	4 28	1 29	28 16	7 43	11 27	11 0	11 5	14 32	7 58
T 19	20 16	9 37	0 36	25 25	1 59	5 16	2 10	9 29	2 9	15 52	1 13	20 29	1 7	3 7	0 45	4 27	1 29	28 16	7 42	11 28	10 59	11 7	14 32	7 58
W20	20 29	12 49	0s28	25 23	1 54	5 42	2 10	9 13	2 10	15 50	1 13	20 28	1 7	3 8	0 45	4 27	1 29	28 15	7 42	11 28	10 58	11 8	14 31	7 58
T 21	20 40	15 30	1 32	25 20	1 48	6 7	2 11	8 58	2 11	15 48	1 13	20 27	1 7	3 8	0 45	4 27	1 29	28 15	7 42	11 27	10 57	11 10	14 31	7 57
F 22	20 52	17 33	2 32	25 16	1 42	6 32	2 11	8 43	2 12	15 46	1 13	20 26	1 7	3 8	0 45	4 26	1 29	28 15	7 42	11 26	10 56	11 11	14 31	7 57
S 23	21 3	18 50	3 26	25 10	1 35	6 57	2 12	8 27	2 13	15 43	1 12	20 25	1 7	3 8	0 45	4 26	1 29	28 14	7 42	11 25	10 55	11 13	14 31	7 56
S 24	21 13	19 15	4 11	25 3	1 27	7 22	2 12	8 12	2 14	15 41	1 12	20 23	1 7	3 8	0 45	4 26	1 29	28 14	7 42	11 23	10 53	11 14	14 30	7 56
M25	21 24	18 45	4 45	24 54	1 18	7 47	2 12	7 57	2 15	15 39	1 12	20 22	1 7	3 8	0 44	4 25	1 30	28 14	7 42	11 21	10 52	11 16	14 30	7 56
T 26	21 34	17 19	5 5	24 45	1 9	8 12	2 12	7 41	2 16	15 36	1 12	20 21	1 7	3 8	0 44	4 25	1 30	28 13	7 42	11 19	10 51	11 17	14 30	7 55
W27	21 43	15 0	5 11	24 34	0 59	8 37	2 12	7 26	2 17	15 34	1 12	20 20	1 7	3 8	0 44	4 25	1 30	28 13	7 42	11 17	10 50	11 19	14 29	7 55
T 28	21 53	11 54	5 0	24 23	0 48	9 1	2 12	7 10	2 18	15 31	1 12	20 18	1 7	3 8	0 44	4 24	1 30	28 12	7 42	11 15	10 49	11 21	14 29	7 55
F 29	22 1	8 7	4 34	24 10	0 37	9 26	2 11	6 55	2 19	15 29	1 12	20 17	1 7	3 8	0 44	4 24	1 30	28 12	7 41	11 14	10 48	11 22	14 29	7 54
S 30	22 10	3 51	3 51	23 57	0 25	9 50	2 11	6 40	2 20	15 26	1 11	20 16	1 7	3 8	0 44	4 24	1 30	28 12	7 41	11 14	10 47	11 24	14 28	7 54
S 31	22n18	0s44	2s54	23n43	0n13	10n14	2s11	6s24	2s21	15n24	1n11	20n14	1n 7	3n 8	0n44	4s23	1s30	28n11	7n41	11s14	10s45	11n25	14n28	7s54

Julian Day Number = 1980870.5, Delta T = 59m06s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'25, Lahiri = 5°54'26 Julian Calendar 1 May 711 == Greg. Calendar 5 May 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

JUNE 711 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 48 7	12♊19'45	9♎24	5♋50	3♉15	20♓ 1	22♌ 8	5♌ 2	23♍51	22♓27	28♋12	29♎ 9	27♎44	0♉19	18♋48	M 1
T 2	16 52 4	13°16'54	23°54	6°22	4°24	20°42	22°16	5° 8	23°51	22°28	28°13	29°R10	27°41	0°26	18°54	T 2
W 3	16 56 0	14°14'03	8♏37	6°50	5°33	21°23	22°24	5°13	23°51	22°29	28°14	29°10	27°37	0°33	18°59	W 3
T 4	16 59 57	15°11'11	23°27	7°13	6°42	22° 3	22°32	5°19	23°52	22°29	28°16	29° 8	27°34	0°39	19° 5	T 4
F 5	17 3 53	16° 8'19	8♐18	7°33	7°51	22°44	22°40	5°25	23°52	22°30	28°17	29° 4	27°31	0°46	19°10	F 5
S 6	17 7 50	17° 5'27	23° 1	7°47	9° 0	23°24	22°48	5°31	23°52	22°31	28°19	28°58	27°28	0°52	19°16	S 6
S 7	17 11 47	18° 2'35	7♑29	7°57	10°10	24° 5	22°57	5°37	23°53	22°31	28°20	28°50	27°25	0°59	19°21	S 7
M 8	17 15 43	18°59'42	21°36	8° 3	11°19	24°45	23° 5	5°43	23°53	22°32	28°22	28°42	27°22	1° 6	19°27	M 8
T 9	17 19 40	19°56'50	5♒18	8°R 4	12°29	25°25	23°14	5°49	23°54	22°32	28°23	28°35	27°18	1°12	19°33	T 9
W10	17 23 36	20°53'58	18°33	8° 0	13°39	26° 5	23°23	5°55	23°54	22°33	28°25	28°29	27°15	1°19	19°39	W10
T 11	17 27 33	21°51'06	1♓23	7°51	14°48	26°45	23°32	6° 1	23°55	22°33	28°26	28°25	27°12	1°26	19°44	T 11
F 12	17 31 29	22°48'15	13°51	7°39	15°58	27°25	23°41	6° 7	23°56	22°33	28°28	28°23	27° 9	1°32	19°50	F 12
S 13	17 35 26	23°45'23	26° 1	7°21	17° 8	28° 4	23°50	6°13	23°56	22°34	28°29	28°D23	27° 6	1°39	19°56	S 13
S 14	17 39 23	24°42'32	7♈58	7° 0	18°18	28°44	23°59	6°20	23°57	22°34	28°31	28°23	27° 2	1°46	20° 2	S 14
M15	17 43 19	25°39'42	19°47	6°35	19°28	29°23	24° 8	6°26	23°58	22°34	28°32	28°24	26°59	1°52	20° 8	M15
T 16	17 47 16	26°36'52	1♉34	6° 6	20°38	0♈ 2	24°18	6°32	23°59	22°35	28°34	28°R24	26°56	1°59	20°14	T 16
W17	17 51 12	27°34'02	13°24	5°35	21°48	0°41	24°27	6°39	24° 0	22°35	28°35	28°23	26°53	2° 6	20°20	W17
T 18	17 55 9	28°31'13	25°19	5° 0	22°59	1°20	24°37	6°45	24° 1	22°35	28°37	28°20	26°50	2°12	20°26	T 18
F 19	17 59 5	29°28'24	7♊25	4°24	24° 9	1°59	24°46	6°52	24° 2	22°35	28°39	28°14	26°47	2°19	20°32	F 19
S 20	18 3 2	0♋25'36	19°43	3°45	25°19	2°37	24°56	6°59	24° 3	22°35	28°40	28° 6	26°43	2°26	20°38	S 20
S 21	18 6 58	1°22'48	2♋14	3° 6	26°30	3°16	25° 6	7° 5	24° 4	22°35	28°42	27°56	26°40	2°32	20°44	S 21
M22	18 10 55	2°20'00	14°59	2°27	27°40	3°54	25°16	7°12	24° 5	22°35	28°44	27°45	26°37	2°39	20°50	M22
T 23	18 14 52	3°17'13	27°57	1°48	28°51	4°32	25°26	7°19	24° 7	22°R35	28°45	27°34	26°34	2°45	20°56	T 23
W24	18 18 48	4°14'26	11♌ 9	1°10	0♊ 2	5°10	25°36	7°25	24° 8	22°35	28°47	27°24	26°31	2°52	21° 2	W24
T 25	18 22 45	5°11'39	24°32	0°34	1°12	5°47	25°46	7°32	24° 9	22°35	28°49	27°16	26°28	2°59	21° 9	T 25
F 26	18 26 41	6° 8'53	8♍ 6	0° 1	2°23	6°25	25°57	7°39	24°11	22°35	28°50	27°11	26°24	3° 5	21°15	F 26
S 27	18 30 38	7° 6'07	21°51	29♊30	3°34	7° 2	26° 7	7°46	24°12	22°35	28°52	27° 8	26°21	3°12	21°21	S 27
S 28	18 34 34	8° 3'21	5♎46	29° 3	4°45	7°39	26°17	7°53	24°14	22°35	28°54	27°D 7	26°18	3°19	21°27	S 28
M29	18 38 31	9° 0'35	19°51	28°40	5°56	8°16	26°28	8° 0	24°15	22°35	28°56	27°R 7	26°15	3°25	21°34	M29
T 30	18 42 27	9♋57'50	4♏ 5	28♊22	7♊ 7	8♈53	26♌39	8♌ 7	24♍17	22♓35	28♋57	27♎ 7	26♎12	3♉32	21♋40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n26	5s22	1s45	23n29	0n 0	10n38	2s10	6s 9	2s22	15n21	1n11	20n13	1n 7	3n 8	0n44	4s23	1s30	28n11	7n41	11s15	10s44	11n27	14n28	7s53
T 2	22 33	9 47	0 29	23 14	0s13	11 2	2 10	5 53	2 22	15 18	1 11	20 12	1 7	3 8	0 44	4 23	1 30	28 11	7 41	11 15	10 43	11 28	14 27	7 53
W 3	22 40	13 40	0n51	22 58	0 27	11 26	2 9	5 38	2 23	15 16	1 11	20 10	1 7	3 8	0 44	4 23	1 30	28 10	7 41	11 15	10 42	11 30	14 27	7 53
T 4	22 46	16 42	2 8	22 42	0 42	11 50	2 8	5 23	2 24	15 13	1 11	20 9	1 7	3 8	0 44	4 23	1 30	28 10	7 41	11 14	10 41	11 31	14 26	7 52
F 5	22 53	18 37	3 16	22 27	0 57	12 13	2 7	5 7	2 25	15 10	1 11	20 7	1 7	3 7	0 44	4 22	1 30	28 10	7 41	11 13	10 40	11 33	14 26	7 52
S 6	22 58	19 16	4 10	22 11	1 12	12 36	2 6	4 52	2 26	15 7	1 10	20 6	1 7	3 7	0 44	4 22	1 30	28 9	7 41	11 11	10 39	11 34	14 25	7 52
S 7	23 4	18 37	4 47	21 54	1 27	12 59	2 5	4 37	2 27	15 4	1 10	20 4	1 7	3 7	0 44	4 22	1 30	28 9	7 41	11 8	10 37	11 36	14 25	7 51
M 8	23 9	16 50	5 5	21 39	1 43	13 22	2 4	4 21	2 28	15 1	1 10	20 3	1 7	3 7	0 44	4 22	1 30	28 8	7 41	11 5	10 36	11 37	14 24	7 51
T 9	23 13	14 8	5 5	21 23	1 59	13 45	2 3	4 6	2 28	14 58	1 10	20 1	1 7	3 7	0 44	4 22	1 30	28 8	7 41	11 3	10 35	11 39	14 24	7 51
W10	23 17	10 47	4 49	21 7	2 15	14 7	2 1	3 51	2 29	14 55	1 10	20 0	1 7	3 6	0 44	4 22	1 30	28 8	7 41	11 1	10 34	11 40	14 23	7 51
T 11	23 21	7 2	4 19	20 52	2 30	14 29	2 0	3 36	2 30	14 52	1 10	19 58	1 7	3 6	0 44	4 22	1 30	28 7	7 41	10 59	10 33	11 42	14 23	7 50
F 12	23 24	3 4	3 36	20 37	2 46	14 50	1 59	3 21	2 31	14 49	1 10	19 57	1 7	3 6	0 44	4 21	1 31	28 7	7 41	10 58	10 32	11 43	14 22	7 50
S 13	23 27	0n56	2 45	20 23	3 1	15 12	1 57	3 5	2 32	14 46	1 10	19 55	1 7	3 5	0 44	4 21	1 31	28 7	7 40	10 58	10 30	11 45	14 22	7 50
S 14	23 30	4 50	1 48	20 10	3 16	15 33	1 56	2 50	2 33	14 43	1 9	19 54	1 7	3 5	0 44	4 21	1 31	28 6	7 40	10 58	10 29	11 46	14 21	7 50
M15	23 32	8 30	0 46	19 57	3 30	15 53	1 54	2 35	2 33	14 39	1 9	19 52	1 7	3 5	0 44	4 21	1 31	28 6	7 40	10 59	10 28	11 48	14 20	7 50
T 16	23 34	11 50	0s17	19 45	3 43	16 14	1 52	2 20	2 34	14 36	1 9	19 50	1 7	3 4	0 44	4 21	1 31	28 5	7 40	10 59	10 27	11 49	14 20	7 49
W17	23 35	14 42	1 20	19 34	3 55	16 34	1 50	2 5	2 35	14 33	1 9	19 49	1 7	3 4	0 43	4 21	1 31	28 5	7 40	10 58	10 26	11 51	14 19	7 49
T 18	23 36	16 59	2 19	19 24	4 7	16 54	1 49	1 51	2 36	14 30	1 9	19 47	1 7	3 3	0 43	4 21	1 31	28 5	7 40	10 57	10 25	11 52	14 18	7 49
F 19	23 36	18 32	3 13	19 15	4 17	17 13	1 47	1 36	2 36	14 26	1 9	19 45	1 7	3 3	0 43	4 21	1 31	28 4	7 40	10 55	10 24	11 54	14 18	7 49
S 20	23 36	19 14	3 59	19 8	4 25	17 32	1 45	1 21	2 37	14 23	1 9	19 44	1 7	3 3	0 43	4 21	1 31	28 4	7 40	10 52	10 22	11 55	14 17	7 49
S 21	23 36	19 1	4 34	19 1	4 33	17 50	1 43	1 6	2 38	14 19	1 9	19 42	1 7	3 2	0 43	4 21	1 31	28 3	7 40	10 49	10 21	11 56	14 16	7 49
M22	23 35	17 51	4 56	18 56	4 39	18 9	1 41	0 52	2 39	14 16	1 9	19 40	1 7	3 1	0 43	4 21	1 31	28 3	7 40	10 45	10 20	11 58	14 15	7 49
T 23	23 34	15 46	5 3	18 53	4 43	18 26	1 38	0 37	2 39	14 12	1 9	19 39	1 7	3 1	0 43	4 21	1 31	28 3	7 40	10 41	10 19	11 59	14 15	7 48
W24	23 32	12 49	4 55	18 51	4 45	18 44	1 36	0 23	2 40	14 9	1 8	19 37	1 7	3 0	0 43	4 21	1 31	28 2	7 40	10 37	10 18	12 1	14 14	7 48
T 25	23 30	9 11	4 30	18 50	4 46	19 1	1 34	0 9	2 41	14 5	1 8	19 35	1 7	3 0	0 43	4 21	1 31	28 2	7 40	10 34	10 17	12 2	14 13	7 48
F 26	23 28	5 2	3 50	18 51	4 45	19 17	1 32	0n 6	2 41	14 2	1 8	19 33	1 7	2 59	0 43	4 21	1 31	28 2	7 40	10 32	10 15	12 4	14 12	7 48
S 27	23 25	0 34	2 56	18 53	4 43	19 33	1 29	0 20	2 42	13 58	1 8	19 32	1 7	2 59	0 43	4 22	1 31	28 1	7 40	10 31	10 14	12 5	14 11	7 48
S 28	23 21	4s 0	1 51	18 57	4 39	19 48	1 27	0 34	2 43	13 54	1 8	19 30	1 7	2 58	0 43	4 22	1 31	28 1	7 40	10 31	10 13	12 7	14 10	7 48
M29	23 18	8 25	0 39	19 2	4 34	20 3	1 25	0 48	2 43	13 51	1 8	19 28	1 7	2 57	0 43	4 22	1 32	28 0	7 40	10 31	10 12	12 8	14 10	7 48
T 30	23n14	12s23	0n37	19n 9	4s27	20n18	1s22	1n 2	2s44	13n47	1n 8	19n26	1n 7	2n57	0n43	4s22	1s32	28n 0	7n40	10s31	10s11	12n10	14n 9	7s48

Julian Day Number = 1980901.5, Delta T = 59m05s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'29, Lahiri = 5°54'30 Julian Calendar 1 June 711 == Greg. Calendar 5 June 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

JULY 711 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 46 24	10♋55'05	18♏27	28°R 9	8♊18	9♈29	26♌49	8♌14	24♍18	22°R34	28♋59	27°R 6	26♎ 8	3♉39	21♋46	W 1
T 2	18 50 21	11°52'20	2♐54	28♊ 1	9°29	10° 5	27° 0	8°21	24°20	22♓34	29° 1	27♎ 2	26° 5	3°45	21°52	T 2
F 3	18 54 17	12°49'36	17°22	27°D59	10°40	10°41	27°11	8°28	24°22	22°34	29° 3	26°56	26° 2	3°52	21°59	F 3
S 4	18 58 14	13°46'53	1♑44	28° 2	11°52	11°17	27°22	8°35	24°23	22°33	29° 4	26°47	25°59	3°59	22° 5	S 4
S 5	19 2 10	14°44'10	15°56	28°12	13° 3	11°53	27°33	8°42	24°25	22°33	29° 6	26°36	25°56	4° 5	22°11	S 5
M 6	19 6 7	15°41'29	29°50	28°27	14°14	12°28	27°44	8°50	24°27	22°33	29° 8	26°25	25°53	4°12	22°18	M 6
T 7	19 10 3	16°38'48	13♒24	28°49	15°26	13° 3	27°55	8°57	24°29	22°32	29°10	26°13	25°49	4°19	22°24	T 7
W 8	19 14 0	17°36'08	26°36	29°17	16°37	13°38	28° 6	9° 4	24°31	22°32	29°12	26° 4	25°46	4°25	22°30	W 8
T 9	19 17 56	18°33'29	9♓24	29°51	17°49	14°13	28°18	9°11	24°33	22°31	29°13	25°57	25°43	4°32	22°37	T 9
F 10	19 21 53	19°30'51	21°51	0♋31	19° 1	14°48	28°29	9°19	24°35	22°31	29°15	25°52	25°40	4°38	22°43	F 10
S 11	19 25 50	20°28'15	4♈ 2	1°17	20°12	15°22	28°40	9°26	24°37	22°30	29°17	25°49	25°37	4°45	22°49	S 11
S 12	19 29 46	21°25'39	15°59	2°10	21°24	15°56	28°52	9°33	24°39	22°30	29°19	25°49	25°34	4°52	22°56	S 12
M13	19 33 43	22°23'05	27°49	3° 8	22°36	16°29	29° 3	9°41	24°42	22°29	29°21	25°49	25°30	4°58	23° 2	M13
T 14	19 37 39	23°20'33	9♉38	4°12	23°48	17° 3	29°15	9°48	24°44	22°28	29°23	25°48	25°27	5° 5	23° 9	T 14
W15	19 41 36	24°18'01	21°29	5°22	25° 0	17°36	29°27	9°56	24°46	22°28	29°24	25°46	25°24	5°12	23°15	W15
T 16	19 45 32	25°15'31	3♊29	6°37	26°12	18° 9	29°38	10° 3	24°48	22°27	29°26	25°42	25°21	5°18	23°21	T 16
F 17	19 49 29	26°13'03	15°42	7°58	27°24	18°41	29°50	10°11	24°51	22°26	29°28	25°36	25°18	5°25	23°28	F 17
S 18	19 53 25	27°10'36	28°10	9°23	28°36	19°14	0♍ 2	10°18	24°53	22°26	29°30	25°27	25°14	5°32	23°34	S 18
S 19	19 57 22	28° 8'10	10♋56	10°54	29°48	19°46	0°14	10°26	24°56	22°25	29°32	25°15	25°11	5°38	23°41	S 19
M20	20 1 19	29° 5'45	24° 0	12°29	1♌ 0	20°17	0°26	10°33	24°58	22°24	29°34	25° 3	25° 8	5°45	23°47	M20
T 21	20 5 15	0♌ 3'22	7♌20	14° 8	2°13	20°48	0°38	10°41	25° 1	22°23	29°35	24°50	25° 5	5°52	23°53	T 21
W22	20 9 12	1° 1'00	20°55	15°51	3°25	21°19	0°50	10°48	25° 3	22°22	29°37	24°39	25° 2	5°58	24° 0	W22
T 23	20 13 8	1°58'39	4♍42	17°37	4°37	21°50	1° 2	10°56	25° 6	22°21	29°39	24°30	24°59	6° 5	24° 6	T 23
F 24	20 17 5	2°56'19	18°37	19°27	5°50	22°20	1°14	11° 3	25° 8	22°20	29°41	24°24	24°55	6°12	24°12	F 24
S 25	20 21 1	3°54'00	2♎37	21°19	7° 2	22°50	1°26	11°11	25°11	22°19	29°43	24°20	24°52	6°18	24°19	S 25
S 26	20 24 58	4°51'43	16°42	23°13	8°15	23°20	1°38	11°18	25°14	22°18	29°45	24°19	24°49	6°25	24°25	S 26
M27	20 28 54	5°49'26	0♏48	25°10	9°28	23°49	1°50	11°26	25°16	22°17	29°46	24°19	24°46	6°31	24°31	M27
T 28	20 32 51	6°47'11	14°55	27° 8	10°40	24°18	2° 3	11°34	25°19	22°16	29°48	24°19	24°43	6°38	24°38	T 28
W29	20 36 48	7°44'57	29° 3	29° 7	11°53	24°46	2°15	11°41	25°22	22°15	29°50	24°17	24°40	6°45	24°44	W29
T 30	20 40 44	8°42'44	13♐10	1♌ 6	13° 6	25°15	2°27	11°49	25°25	22°14	29°52	24°14	24°36	6°51	24°50	T 30
F 31	20 44 41	9♌40'33	27♐13	3♌ 7	14♋19	25♈42	2♍40	11♌56	25♍28	22♓13	29♋54	24♎ 7	24♎33	6♉58	24♋57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 9	15s40	1n51	19n17	4s19	20n32	1s20	1n16	2s45	13n43	1n 8	19n24	1n 7	2n56	0n43	4s22	1s32	28n 0	7n40	10s31	10s10	12n11	14n 8	7s48
T 2	23 4	17 59	2 58	19 26	4 9	20 45	1 17	1 29	2 45	13 39	1 8	19 23	1 7	2 55	0 43	4 22	1 32	27 59	7 40	10 29	10 8	12 12	14 7	7 48
F 3	22 59	19 8	3 53	19 37	3 59	20 58	1 15	1 43	2 46	13 35	1 8	19 21	1 7	2 55	0 43	4 22	1 32	27 59	7 40	10 27	10 7	12 14	14 6	7 48
S 4	22 53	19 2	4 33	19 48	3 47	21 11	1 12	1 57	2 46	13 32	1 8	19 19	1 7	2 54	0 43	4 23	1 32	27 59	7 40	10 24	10 6	12 15	14 5	7 48
S 5	22 47	17 45	4 56	20 1	3 35	21 22	1 9	2 10	2 47	13 28	1 7	19 17	1 7	2 53	0 43	4 23	1 32	27 58	7 40	10 20	10 5	12 17	14 4	7 48
M 6	22 40	15 25	5 1	20 14	3 22	21 34	1 7	2 23	2 48	13 24	1 7	19 15	1 7	2 52	0 43	4 23	1 32	27 58	7 40	10 15	10 4	12 18	14 3	7 48
T 7	22 34	12 18	4 48	20 28	3 8	21 44	1 4	2 37	2 48	13 20	1 7	19 13	1 7	2 51	0 43	4 23	1 32	27 57	7 40	10 11	10 3	12 20	14 2	7 48
W 8	22 26	8 39	4 20	20 42	2 54	21 55	1 1	2 50	2 49	13 16	1 7	19 11	1 7	2 51	0 43	4 23	1 32	27 57	7 40	10 8	10 2	12 21	14 1	7 48
T 9	22 18	4 42	3 40	20 57	2 39	22 4	0 59	3 3	2 49	13 12	1 7	19 9	1 7	2 50	0 43	4 24	1 32	27 57	7 40	10 5	10 0	12 22	14 0	7 48
F 10	22 10	0 39	2 50	21 12	2 24	22 13	0 56	3 16	2 50	13 8	1 7	19 7	1 7	2 49	0 43	4 24	1 32	27 56	7 40	10 4	9 59	12 24	13 59	7 48
S 11	22 2	3n20	1 53	21 27	2 9	22 21	0 53	3 28	2 50	13 4	1 7	19 6	1 7	2 48	0 43	4 24	1 32	27 56	7 40	10 3	9 58	12 25	13 58	7 48
S 12	21 53	7 8	0 52	21 41	1 54	22 29	0 50	3 41	2 51	13 0	1 7	19 4	1 7	2 47	0 42	4 25	1 32	27 56	7 40	10 2	9 57	12 27	13 57	7 48
M13	21 44	10 36	0s11	21 56	1 38	22 36	0 47	3 54	2 51	12 56	1 7	19 2	1 7	2 46	0 42	4 25	1 32	27 55	7 40	10 2	9 56	12 28	13 56	7 48
T 14	21 34	13 39	1 13	22 9	1 23	22 43	0 45	4 6	2 52	12 51	1 7	19 0	1 7	2 45	0 42	4 25	1 32	27 55	7 40	10 2	9 55	12 30	13 55	7 48
W15	21 24	16 8	2 12	22 22	1 8	22 49	0 42	4 18	2 52	12 47	1 7	18 58	1 7	2 44	0 42	4 25	1 32	27 55	7 40	10 2	9 53	12 31	13 54	7 48
T 16	21 14	17 58	3 5	22 33	0 53	22 54	0 39	4 30	2 53	12 43	1 7	18 56	1 7	2 43	0 42	4 26	1 32	27 54	7 41	10 0	9 52	12 32	13 53	7 48
F 17	21 3	18 59	3 52	22 43	0 39	22 59	0 36	4 42	2 53	12 39	1 7	18 54	1 7	2 42	0 42	4 26	1 33	27 54	7 41	9 58	9 51	12 34	13 51	7 48
S 18	20 52	19 8	4 28	22 52	0 24	23 3	0 33	4 54	2 53	12 35	1 7	18 52	1 8	2 41	0 42	4 26	1 33	27 53	7 41	9 54	9 50	12 35	13 50	7 48
S 19	20 41	18 18	4 51	22 58	0 11	23 6	0 30	5 6	2 54	12 30	1 7	18 50	1 8	2 40	0 42	4 27	1 33	27 53	7 41	9 50	9 49	12 37	13 49	7 48
M20	20 29	16 31	5 1	23 3	0n 2	23 9	0 27	5 18	2 54	12 26	1 6	18 48	1 8	2 39	0 42	4 27	1 33	27 53	7 41	9 46	9 48	12 38	13 48	7 48
T 21	20 17	13 50	4 54	23 6	0 15	23 11	0 25	5 29	2 54	12 22	1 6	18 46	1 8	2 38	0 42	4 28	1 33	27 52	7 41	9 41	9 46	12 39	13 47	7 49
W22	20 4	10 21	4 30	23 6	0 27	23 12	0 22	5 40	2 55	12 17	1 6	18 44	1 8	2 37	0 42	4 28	1 33	27 52	7 41	9 37	9 45	12 41	13 46	7 49
T 23	19 51	6 17	3 51	23 4	0 38	23 12	0 19	5 52	2 55	12 13	1 6	18 42	1 8	2 36	0 42	4 28	1 33	27 52	7 41	9 33	9 44	12 42	13 44	7 49
F 24	19 38	1 49	2 57	22 59	0 48	23 12	0 16	6 3	2 55	12 9	1 6	18 40	1 8	2 35	0 42	4 29	1 33	27 51	7 41	9 31	9 43	12 44	13 43	7 49
S 25	19 25	2s46	1 52	22 51	0 58	23 12	0 13	6 13	2 56	12 4	1 6	18 38	1 8	2 34	0 42	4 29	1 33	27 51	7 41	9 30	9 42	12 45	13 42	7 49
S 26	19 11	7 13	0 40	22 41	1 6	23 10	0 10	6 24	2 56	12 0	1 6	18 36	1 8	2 33	0 42	4 30	1 33	27 51	7 41	9 29	9 41	12 46	13 41	7 49
M27	18 57	11 18	0n34	22 28	1 14	23 8	0 7	6 35	2 56	11 55	1 6	18 33	1 8	2 32	0 42	4 30	1 33	27 51	7 41	9 29	9 39	12 48	13 39	7 50
T 28	18 42	14 43	1 47	22 12	1 21	23 6	0 5	6 45	2 56	11 51	1 6	18 31	1 8	2 31	0 42	4 31	1 33	27 50	7 41	9 29	9 38	12 49	13 38	7 50
W29	18 27	17 16	2 53	21 54	1 27	23 2	0 2	6 55	2 57	11 46	1 6	18 29	1 8	2 30	0 42	4 31	1 33	27 50	7 42	9 29	9 37	12 50	13 37	7 50
T 30	18 12	18 45	3 48	21 33	1 32	22 58	0n 1	7 5	2 57	11 42	1 6	18 27	1 8	2 28	0 42	4 31	1 33	27 50	7 42	9 27	9 36	12 52	13 36	7 50
F 31	17n57	19s 5	4n30	21n10	1n37	22n53	0n 4	7n15	2s57	11n37	1n 6	18n25	1n 8	2n27	0n42	4s32	1s33	27n49	7n42	9s25	9s35	12n53	13n34	7s50

Julian Day Number = 1980931.5, Delta T = 59m04s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'33, Lahiri = 5°54'34 Julian Calendar 1 July 711 == Greg. Calendar 5 July 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

AUGUST 711 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 48 37	10♌38'22	11♉ 9	5♌ 7	15♋32	26♈10	2♍52	12♌ 4	25♍31	22°R12	29♋56	23°R58	24♎30	7♉ 5	25♋ 3	S 1
S 2	20 52 34	11°36'14	24°56	7° 7	16°44	26°36	3° 5	12°12	25°34	22♓11	29°57	23♎48	24°27	7°11	25° 9	S 2
M 3	20 56 30	12°34'06	8♒29	9° 7	17°57	27° 3	3°17	12°19	25°37	22°10	29°59	23°36	24°24	7°18	25°15	M 3
T 4	21 0 27	13°32'00	21°46	11° 6	19°10	27°29	3°30	12°27	25°40	22° 8	0♌ 1	23°25	24°20	7°25	25°22	T 4
W 5	21 4 23	14°29'56	4♓45	13° 5	20°24	27°55	3°42	12°35	25°43	22° 7	0° 3	23°16	24°17	7°31	25°28	W 5
T 6	21 8 20	15°27'53	17°25	15° 3	21°37	28°20	3°55	12°42	25°46	22° 6	0° 5	23° 8	24°14	7°38	25°34	T 6
F 7	21 12 17	16°25'53	29°48	17° 0	22°50	28°44	4° 8	12°50	25°49	22° 5	0° 6	23° 3	24°11	7°45	25°40	F 7
S 8	21 16 13	17°23'54	11♈56	18°56	24° 3	29° 9	4°20	12°57	25°52	22° 3	0° 8	23° 1	24° 8	7°51	25°46	S 8
S 9	21 20 10	18°21'57	23°52	20°51	25°17	29°32	4°33	13° 5	25°55	22° 2	0°10	23°D 0	24° 5	7°58	25°52	S 9
M10	21 24 6	19°20'02	5♉42	22°45	26°30	29°56	4°46	13°13	25°58	22° 1	0°12	23° 1	24° 1	8° 5	25°59	M10
T 11	21 28 3	20°18'09	17°30	24°38	27°43	0♉19	4°58	13°20	26° 2	21°59	0°13	23°R 1	23°58	8°11	26° 5	T 11
W12	21 31 59	21°16'18	29°23	26°29	28°57	0°41	5°11	13°28	26° 5	21°58	0°15	23° 1	23°55	8°18	26°11	W12
T 13	21 35 56	22°14'29	11♊24	28°20	0♌10	1° 2	5°24	13°35	26° 8	21°57	0°17	22°59	23°52	8°25	26°17	T 13
F 14	21 39 52	23°12'42	23°40	0♍ 9	1°24	1°24	5°37	13°43	26°11	21°55	0°19	22°55	23°49	8°31	26°23	F 14
S 15	21 43 49	24°10'58	6♋14	1°57	2°38	1°44	5°50	13°50	26°15	21°54	0°20	22°49	23°45	8°38	26°29	S 15
S 16	21 47 46	25° 9'15	19° 9	3°44	3°51	2° 4	6° 3	13°58	26°18	21°52	0°22	22°40	23°42	8°44	26°35	S 16
M17	21 51 42	26° 7'34	2♌25	5°30	5° 5	2°24	6°15	14° 5	26°21	21°51	0°24	22°31	23°39	8°51	26°40	M17
T 18	21 55 39	27° 5'56	16° 4	7°14	6°19	2°43	6°28	14°13	26°25	21°49	0°25	22°21	23°36	8°58	26°46	T 18
W19	21 59 35	28° 4'19	0♍ 1	8°58	7°32	3° 1	6°41	14°20	26°28	21°48	0°27	22°13	23°33	9° 4	26°52	W19
T 20	22 3 32	29° 2'44	14°12	10°40	8°46	3°19	6°54	14°28	26°32	21°46	0°29	22° 6	23°30	9°11	26°58	T 20
F 21	22 7 28	0♍ 1'11	28°33	12°21	10° 0	3°36	7° 7	14°35	26°35	21°45	0°30	22° 2	23°26	9°18	27° 4	F 21
S 22	22 11 25	0°59'39	12♎58	14° 1	11°14	3°52	7°20	14°43	26°39	21°43	0°32	21°59	23°23	9°24	27°10	S 22
S 23	22 15 21	1°58'10	27°22	15°40	12°28	4° 8	7°33	14°50	26°42	21°42	0°34	21°D59	23°20	9°31	27°15	S 23
M24	22 19 18	2°56'42	11♏41	17°18	13°42	4°23	7°46	14°58	26°46	21°40	0°35	22° 0	23°17	9°38	27°21	M24
T 25	22 23 14	3°55'16	25°54	18°55	14°56	4°37	7°59	15° 5	26°49	21°39	0°37	22° 1	23°14	9°44	27°27	T 25
W26	22 27 11	4°53'51	9♐58	20°30	16°10	4°51	8°12	15°12	26°53	21°37	0°38	22°R 1	23°11	9°51	27°32	W26
T 27	22 31 8	5°52'29	23°53	22° 5	17°25	5° 4	8°25	15°20	26°56	21°36	0°40	22° 0	23° 7	9°58	27°38	T 27
F 28	22 35 4	6°51'08	7♑37	23°39	18°39	5°16	8°38	15°27	27° 0	21°34	0°42	21°56	23° 4	10° 4	27°43	F 28
S 29	22 39 1	7°49'48	21°11	25°12	19°53	5°27	8°51	15°34	27° 4	21°32	0°43	21°51	23° 1	10°11	27°49	S 29
S 30	22 42 57	8°48'31	4♒33	26°43	21° 7	5°38	9° 4	15°41	27° 7	21°31	0°45	21°44	22°58	10°18	27°54	S 30
M31	22 46 54	9♍47'15	17♒41	28♍14	22♌21	5♉48	9♍17	15♌49	27♍11	21♓29	0♌46	21♎37	22♎55	10♉24	27♋59	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n41	18s14	4n55	20n44	1n40	22n48	0n 6	7n25	2s57	11n33	1n 6	18n23	1n 8	2n26	0n42	4s32	1s33	27n49	7n42	9s22	9s33	12n55	13n33	7s51
S 2	17 25	16 20	5 2	20 17	1 43	22 42	0 9	7 35	2 57	11 28	1 6	18 21	1 8	2 25	0 42	4 33	1 33	27 49	7 42	9 18	9 32	12 56	13 32	7 51
M 3	17 9	13 34	4 52	19 47	1 45	22 35	0 12	7 44	2 58	11 24	1 6	18 19	1 9	2 24	0 42	4 33	1 33	27 48	7 42	9 14	9 31	12 57	13 30	7 51
T 4	16 53	10 9	4 26	19 16	1 46	22 28	0 15	7 53	2 58	11 19	1 6	18 17	1 9	2 22	0 42	4 34	1 33	27 48	7 42	9 9	9 30	12 59	13 29	7 51
W 5	16 36	6 19	3 47	18 42	1 47	22 20	0 17	8 2	2 58	11 14	1 6	18 15	1 9	2 21	0 42	4 34	1 33	27 48	7 42	9 6	9 29	13 0	13 28	7 52
T 6	16 19	2 17	2 58	18 8	1 47	22 11	0 20	8 11	2 58	11 10	1 6	18 13	1 9	2 20	0 42	4 35	1 33	27 48	7 42	9 3	9 28	13 1	13 26	7 52
F 7	16 1	1n46	2 1	17 32	1 46	22 1	0 22	8 20	2 58	11 5	1 6	18 11	1 9	2 19	0 42	4 36	1 33	27 47	7 43	9 1	9 26	13 3	13 25	7 52
S 8	15 44	5 39	0 59	16 54	1 45	21 51	0 25	8 28	2 58	11 0	1 6	18 8	1 9	2 17	0 42	4 36	1 33	27 47	7 43	9 0	9 25	13 4	13 23	7 53
S 9	15 26	9 15	0s 5	16 16	1 43	21 41	0 27	8 37	2 58	10 56	1 6	18 6	1 9	2 16	0 42	4 37	1 34	27 47	7 43	9 0	9 24	13 5	13 22	7 53
M10	15 7	12 27	1 7	15 36	1 40	21 29	0 30	8 45	2 58	10 51	1 6	18 4	1 9	2 15	0 42	4 37	1 34	27 46	7 43	9 0	9 23	13 7	13 21	7 53
T 11	14 49	15 8	2 7	14 56	1 37	21 17	0 32	8 53	2 58	10 46	1 6	18 2	1 9	2 13	0 42	4 38	1 34	27 46	7 43	9 1	9 22	13 8	13 19	7 54
W12	14 30	17 12	3 2	14 14	1 34	21 5	0 35	9 1	2 58	10 42	1 6	18 0	1 9	2 12	0 42	4 38	1 34	27 46	7 43	9 0	9 21	13 9	13 18	7 54
T 13	14 12	18 31	3 49	13 33	1 30	20 52	0 37	9 9	2 58	10 37	1 6	17 58	1 9	2 11	0 41	4 39	1 34	27 46	7 43	9 0	9 19	13 11	13 16	7 54
F 14	13 52	19 0	4 27	12 50	1 26	20 38	0 40	9 16	2 57	10 32	1 6	17 56	1 9	2 9	0 41	4 40	1 34	27 45	7 44	8 58	9 18	13 12	13 15	7 55
S 15	13 33	18 35	4 53	12 7	1 21	20 23	0 42	9 23	2 57	10 27	1 6	17 54	1 10	2 8	0 41	4 40	1 34	27 45	7 44	8 56	9 17	13 13	13 13	7 55
S 16	13 14	17 12	5 5	11 24	1 17	20 8	0 44	9 30	2 57	10 23	1 6	17 52	1 10	2 7	0 41	4 41	1 34	27 45	7 44	8 53	9 16	13 15	13 12	7 55
M17	12 54	14 52	5 1	10 40	1 11	19 53	0 46	9 37	2 57	10 18	1 6	17 50	1 10	2 5	0 41	4 41	1 34	27 45	7 44	8 49	9 15	13 16	13 11	7 56
T 18	12 34	11 40	4 40	9 56	1 6	19 36	0 48	9 44	2 57	10 13	1 6	17 47	1 10	2 4	0 41	4 42	1 34	27 45	7 44	8 46	9 13	13 17	13 9	7 56
W19	12 14	7 46	4 2	9 12	1 0	19 20	0 51	9 50	2 56	10 8	1 6	17 45	1 10	2 3	0 41	4 43	1 34	27 44	7 44	8 42	9 12	13 19	13 8	7 57
T 20	11 53	3 21	3 9	8 27	0 54	19 2	0 53	9 57	2 56	10 3	1 6	17 43	1 10	2 1	0 41	4 43	1 34	27 44	7 45	8 40	9 11	13 20	13 6	7 57
F 21	11 33	1s18	2 3	7 43	0 48	18 44	0 55	10 3	2 56	9 59	1 6	17 41	1 10	2 0	0 41	4 44	1 34	27 44	7 45	8 38	9 10	13 21	13 5	7 57
S 22	11 12	5 54	0 48	6 58	0 42	18 26	0 57	10 9	2 55	9 54	1 6	17 39	1 10	1 58	0 41	4 44	1 34	27 44	7 45	8 37	9 9	13 23	13 3	7 58
S 23	10 51	10 9	0n29	6 14	0 35	18 7	0 59	10 14	2 55	9 49	1 6	17 37	1 10	1 57	0 41	4 45	1 34	27 44	7 45	8 37	9 8	13 24	13 2	7 58
M24	10 30	13 47	1 44	5 29	0 28	17 47	1 0	10 20	2 55	9 44	1 6	17 35	1 10	1 56	0 41	4 46	1 34	27 43	7 45	8 38	9 6	13 25	13 0	7 59
T 25	10 8	16 34	2 53	4 45	0 21	17 27	1 2	10 25	2 54	9 39	1 6	17 33	1 11	1 54	0 41	4 46	1 34	27 43	7 46	8 38	9 5	13 26	12 59	7 59
W26	9 47	18 18	3 50	4 0	0 14	17 7	1 4	10 30	2 54	9 34	1 6	17 31	1 11	1 53	0 41	4 47	1 34	27 43	7 46	8 38	9 4	13 28	12 57	8 0
T 27	9 25	18 55	4 33	3 16	0 7	16 46	1 6	10 35	2 53	9 29	1 6	17 29	1 11	1 51	0 41	4 48	1 34	27 43	7 46	8 37	9 3	13 29	12 56	8 0
F 28	9 3	18 24	5 0	2 32	0s 0	16 24	1 7	10 39	2 53	9 24	1 6	17 27	1 11	1 50	0 41	4 48	1 34	27 43	7 46	8 36	9 2	13 30	12 54	8 1
S 29	8 41	16 50	5 9	1 49	0 7	16 2	1 9	10 44	2 52	9 20	1 6	17 25	1 11	1 48	0 41	4 49	1 34	27 43	7 46	8 34	9 0	13 32	12 53	8 1
S 30	8 19	14 23	5 1	1 5	0 15	15 40	1 10	10 48	2 51	9 15	1 6	17 22	1 11	1 47	0 41	4 50	1 34	27 42	7 47	8 32	8 59	13 33	12 51	8 2
M31	7n57	11s13	4n38	0n22	0s22	15n17	1n12	10n52	2s51	9n10	1n 6	17n20	1n11	1n45	0n41	4s50	1s34	27n42	7n47	8s29	8s58	13n34	12n49	8s 2

Julian Day Number = 1980962.5, Delta T = 59m04s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'38, Lahiri = 5°54'38 Julian Calendar 1 Aug. 711 == Greg. Calendar 5 Aug. 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

SEPTEMBER 711 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 50 50	10♍46'01	0♓36	29♍44	23♌36	5♉58	9♍30	15♌56	27♍15	21°R28	0♌48	21°R30	22♎51	10♉31	28♋ 5	T 1
W 2	22 54 47	11°44'50	13°17	1♎12	24°50	6° 6	9°43	16° 3	27°18	21♓26	0°49	21♎24	22°48	10°38	28°10	W 2
T 3	22 58 43	12°43'40	25°44	2°40	26° 5	6°14	9°56	16°10	27°22	21°24	0°51	21°19	22°45	10°44	28°15	T 3
F 4	23 2 40	13°42'32	7♈57	4° 6	27°19	6°21	10° 9	16°17	27°26	21°23	0°52	21°16	22°42	10°51	28°20	F 4
S 5	23 6 37	14°41'27	20° 0	5°32	28°34	6°27	10°22	16°24	27°29	21°21	0°53	21°D15	22°39	10°57	28°26	S 5
S 6	23 10 33	15°40'23	1♉53	6°57	29°48	6°32	10°35	16°31	27°33	21°19	0°55	21°16	22°36	11° 4	28°31	S 6
M 7	23 14 30	16°39'23	13°42	8°20	1♍ 3	6°37	10°48	16°38	27°37	21°18	0°56	21°17	22°32	11°11	28°36	M 7
T 8	23 18 26	17°38'24	25°30	9°42	2°17	6°40	11° 1	16°45	27°40	21°16	0°58	21°19	22°29	11°17	28°41	T 8
W 9	23 22 23	18°37'28	7♊21	11° 3	3°32	6°43	11°14	16°52	27°44	21°14	0°59	21°21	22°26	11°24	28°46	W 9
T 10	23 26 19	19°36'34	19°22	12°23	4°47	6°45	11°27	16°59	27°48	21°13	1° 0	21°R21	22°23	11°31	28°50	T 10
F 11	23 30 16	20°35'42	1♋36	13°42	6° 1	6°46	11°40	17° 5	27°52	21°11	1° 2	21°21	22°20	11°37	28°55	F 11
S 12	23 34 12	21°34'53	14° 9	15° 0	7°16	6°R46	11°53	17°12	27°55	21° 9	1° 3	21°19	22°17	11°44	29° 0	S 12
S 13	23 38 9	22°34'07	27° 5	16°16	8°31	6°45	12° 6	17°19	27°59	21° 8	1° 4	21°16	22°13	11°51	29° 5	S 13
M14	23 42 6	23°33'22	10♌25	17°30	9°46	6°44	12°18	17°26	28° 3	21° 6	1° 5	21°12	22°10	11°57	29° 9	M14
T 15	23 46 2	24°32'40	24°10	18°43	11° 0	6°41	12°31	17°32	28° 7	21° 4	1° 7	21° 7	22° 7	12° 4	29°14	T 15
W16	23 49 59	25°32'00	8♍20	19°55	12°15	6°37	12°44	17°39	28°11	21° 3	1° 8	21° 4	22° 4	12°11	29°18	W16
T 17	23 53 55	26°31'22	22°49	21° 4	13°30	6°33	12°57	17°45	28°14	21° 1	1° 9	21° 1	22° 1	12°17	29°23	T 17
F 18	23 57 52	27°30'47	7♎33	22°12	14°45	6°28	13°10	17°52	28°18	20°59	1°10	20°59	21°57	12°24	29°27	F 18
S 19	0 1 48	28°30'13	22°23	23°18	16° 0	6°22	13°23	17°58	28°22	20°58	1°11	20°D59	21°54	12°31	29°32	S 19
S 20	0 5 45	29°29'42	7♏12	24°21	17°15	6°14	13°35	18° 5	28°26	20°56	1°12	20°59	21°51	12°37	29°36	S 20
M21	0 9 41	0♎29'12	21°54	25°22	18°30	6° 6	13°48	18°11	28°29	20°54	1°13	21° 0	21°48	12°44	29°40	M21
T 22	0 13 38	1°28'44	6♐23	26°21	19°45	5°58	14° 1	18°17	28°33	20°53	1°14	21° 2	21°45	12°51	29°44	T 22
W23	0 17 34	2°28'18	20°36	27°16	21° 0	5°48	14°14	18°23	28°37	20°51	1°16	21° 3	21°42	12°57	29°48	W23
T 24	0 21 31	3°27'54	4♑31	28° 8	22°15	5°37	14°26	18°29	28°41	20°49	1°17	21°R 3	21°38	13° 4	29°52	T 24
F 25	0 25 28	4°27'32	18° 8	28°57	23°30	5°26	14°39	18°36	28°45	20°48	1°18	21° 3	21°35	13°11	29°56	F 25
S 26	0 29 24	5°27'11	1♒27	29°41	24°45	5°14	14°51	18°42	28°48	20°46	1°19	21° 1	21°32	13°17	0♌ 0	S 26
S 27	0 33 21	6°26'52	14°29	0♏22	26° 1	5° 1	15° 4	18°48	28°52	20°45	1°19	21° 0	21°29	13°24	0° 4	S 27
M28	0 37 17	7°26'35	27°17	0°57	27°16	4°47	15°17	18°53	28°56	20°43	1°20	20°58	21°26	13°31	0° 8	M28
T 29	0 41 14	8°26'20	9♓52	1°28	28°31	4°32	15°29	18°59	29° 0	20°41	1°21	20°56	21°22	13°37	0°11	T 29
W30	0 45 10	9♎26'06	22♓14	1♏52	29♍46	4♉17	15♍41	19♌ 5	29♍ 3	20♓40	1♌22	20♎54	21♎19	13♉44	0♌15	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n35	7s35	4n 1	0s21	0s30	14n54	1n13	10n56	2s50	9n 5	1n 6	17n18	1n11	1n44	0n41	4s51	1s34	27n42	7n47	8s26	8s57	13n36	12n48	8s 3
W 2	7 12	3 40	3 12	1 3	0 37	14 30	1 15	10 59	2 49	9 0	1 6	17 16	1 12	1 42	0 41	4 52	1 34	27 42	7 47	8 24	8 56	13 37	12 46	8 3
T 3	6 50	0n21	2 15	1 45	0 45	14 6	1 16	11 3	2 48	8 55	1 6	17 14	1 12	1 41	0 41	4 52	1 34	27 42	7 47	8 22	8 54	13 38	12 45	8 4
F 4	6 27	4 17	1 12	2 27	0 53	13 41	1 17	11 6	2 47	8 50	1 6	17 12	1 12	1 39	0 41	4 53	1 34	27 42	7 48	8 21	8 53	13 39	12 43	8 4
S 5	6 4	7 58	0 7	3 8	1 0	13 17	1 18	11 9	2 46	8 45	1 6	17 10	1 12	1 38	0 41	4 54	1 34	27 42	7 48	8 21	8 52	13 41	12 42	8 5
S 6	5 41	11 18	0s58	3 49	1 8	12 51	1 19	11 11	2 45	8 40	1 6	17 8	1 12	1 37	0 41	4 54	1 34	27 41	7 48	8 21	8 51	13 42	12 40	8 6
M 7	5 18	14 9	2 0	4 29	1 15	12 26	1 20	11 14	2 44	8 35	1 6	17 6	1 12	1 35	0 41	4 55	1 34	27 41	7 48	8 22	8 50	13 43	12 39	8 6
T 8	4 55	16 25	2 57	5 8	1 23	12 0	1 21	11 16	2 43	8 31	1 6	17 4	1 12	1 34	0 41	4 56	1 34	27 41	7 48	8 22	8 49	13 44	12 37	8 7
W 9	4 32	17 58	3 46	5 47	1 30	11 33	1 22	11 18	2 42	8 26	1 7	17 2	1 12	1 32	0 41	4 56	1 34	27 41	7 49	8 23	8 47	13 46	12 36	8 7
T 10	4 8	18 45	4 26	6 25	1 38	11 7	1 23	11 20	2 41	8 21	1 7	17 0	1 13	1 30	0 41	4 57	1 34	27 41	7 49	8 23	8 46	13 47	12 34	8 8
F 11	3 45	18 40	4 56	7 3	1 45	10 40	1 24	11 21	2 40	8 16	1 7	16 58	1 13	1 29	0 41	4 58	1 34	27 41	7 49	8 23	8 45	13 48	12 32	8 9
S 12	3 22	17 41	5 11	7 40	1 52	10 12	1 24	11 22	2 38	8 11	1 7	16 56	1 13	1 27	0 41	4 58	1 34	27 41	7 49	8 22	8 44	13 49	12 31	8 9
S 13	2 58	15 47	5 12	8 16	1 59	9 45	1 25	11 23	2 37	8 6	1 7	16 55	1 13	1 26	0 41	4 59	1 34	27 41	7 50	8 21	8 43	13 51	12 29	8 10
M14	2 35	12 59	4 57	8 51	2 6	9 17	1 26	11 24	2 36	8 1	1 7	16 53	1 13	1 24	0 41	5 0	1 34	27 41	7 50	8 19	8 41	13 52	12 28	8 10
T 15	2 11	9 25	4 24	9 25	2 13	8 49	1 26	11 25	2 34	7 56	1 7	16 51	1 13	1 23	0 41	5 0	1 34	27 41	7 50	8 18	8 40	13 53	12 26	8 11
W16	1 47	5 12	3 34	9 59	2 19	8 20	1 26	11 25	2 33	7 51	1 7	16 49	1 13	1 21	0 41	5 1	1 34	27 41	7 50	8 16	8 39	13 54	12 25	8 12
T 17	1 23	0 35	2 29	10 31	2 25	7 52	1 27	11 25	2 31	7 46	1 7	16 47	1 14	1 20	0 41	5 2	1 34	27 41	7 51	8 15	8 38	13 56	12 23	8 12
F 18	1 0	4s 8	1 13	11 2	2 31	7 23	1 27	11 25	2 29	7 41	1 7	16 45	1 14	1 18	0 41	5 2	1 34	27 41	7 51	8 15	8 37	13 57	12 22	8 13
S 19	0 36	8 39	0n 8	11 32	2 37	6 54	1 27	11 25	2 28	7 37	1 7	16 43	1 14	1 17	0 41	5 3	1 34	27 41	7 51	8 14	8 35	13 58	12 20	8 14
S 20	0 12	12 37	1 28	12 1	2 43	6 25	1 27	11 24	2 26	7 32	1 7	16 41	1 14	1 15	0 41	5 4	1 34	27 41	7 51	8 15	8 34	13 59	12 19	8 14
M21	0s12	15 45	2 43	12 29	2 48	5 55	1 28	11 23	2 24	7 27	1 7	16 40	1 14	1 14	0 41	5 4	1 34	27 41	7 52	8 15	8 33	14 1	12 17	8 15
T 22	0 36	17 49	3 45	12 55	2 53	5 26	1 28	11 22	2 22	7 22	1 7	16 38	1 14	1 12	0 41	5 5	1 34	27 41	7 52	8 16	8 32	14 2	12 16	8 16
W23	0 59	18 44	4 33	13 19	2 57	4 56	1 28	11 21	2 20	7 17	1 7	16 36	1 15	1 11	0 41	5 6	1 34	27 41	7 52	8 16	8 31	14 3	12 14	8 17
T 24	1 23	18 28	5 3	13 42	3 1	4 26	1 27	11 19	2 18	7 12	1 8	16 34	1 15	1 9	0 41	5 6	1 34	27 41	7 52	8 16	8 29	14 4	12 13	8 17
F 25	1 47	17 9	5 16	14 2	3 4	3 56	1 27	11 17	2 16	7 7	1 8	16 33	1 15	1 8	0 41	5 7	1 34	27 41	7 53	8 16	8 28	14 6	12 11	8 18
S 26	2 11	14 55	5 11	14 21	3 7	3 26	1 27	11 15	2 13	7 3	1 8	16 31	1 15	1 6	0 41	5 8	1 34	27 41	7 53	8 15	8 27	14 7	12 10	8 19
S 27	2 35	11 58	4 50	14 37	3 9	2 55	1 27	11 13	2 11	6 58	1 8	16 29	1 15	1 5	0 41	5 8	1 34	27 41	7 53	8 15	8 26	14 8	12 8	8 20
M28	2 58	8 30	4 15	14 51	3 10	2 25	1 26	11 11	2 9	6 53	1 8	16 27	1 15	1 3	0 41	5 9	1 34	27 41	7 54	8 14	8 25	14 9	12 7	8 20
T 29	3 22	4 43	3 28	15 2	3 11	1 54	1 26	11 8	2 6	6 48	1 8	16 26	1 16	1 2	0 41	5 9	1 34	27 41	7 54	8 13	8 23	14 10	12 5	8 21
W30	3s46	0s46	2n32	15s11	3s10	1n24	1n25	11n 5	2s 4	6n43	1n 8	16n24	1n16	1n 0	0n41	5s10	1s34	27n41	7n54	8s13	8s22	14n12	12n 4	8s22

Julian Day Number = 1980993.5, Delta T = 59m03s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'42, Lahiri = 5°54'42 Julian Calendar 1 Sept. 711 == Greg. Calendar 5 Sept. 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

OCTOBER 711 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 49 7	10♎25'55	4♈26	2♏11	1♎ 1	4°R 1	15♍54	19♌11	29♍ 7	20°R38	1♌23	20°R53	21♎16	13♉50	0♌18	T 1
F 2	0 53 3	11°25'45	16°28	2°22	2°16	3♉44	16° 6	19°16	29°11	20♓37	1°24	20°D53	21°13	13°57	0°22	F 2
S 3	0 57 0	12°25'38	28°24	2°R26	3°32	3°27	16°19	19°22	29°14	20°35	1°25	20♎53	21°10	14° 4	0°25	S 3
S 4	1 0 57	13°25'33	10♉14	2°22	4°47	3° 9	16°31	19°28	29°18	20°34	1°25	20°53	21° 7	14°10	0°28	S 4
M 5	1 4 53	14°25'29	22° 2	2°10	6° 2	2°51	16°43	19°33	29°22	20°32	1°26	20°54	21° 3	14°17	0°31	M 5
T 6	1 8 50	15°25'28	3♊51	1°48	7°17	2°32	16°55	19°38	29°26	20°31	1°27	20°54	21° 0	14°24	0°35	T 6
W 7	1 12 46	16°25'29	15°43	1°17	8°33	2°12	17° 7	19°44	29°29	20°29	1°28	20°55	20°57	14°30	0°38	W 7
T 8	1 16 43	17°25'33	27°43	0°37	9°48	1°52	17°20	19°49	29°33	20°28	1°28	20°55	20°54	14°37	0°41	T 8
F 9	1 20 39	18°25'38	9♋55	29♎48	11° 3	1°32	17°32	19°54	29°37	20°26	1°29	20°56	20°51	14°44	0°43	F 9
S 10	1 24 36	19°25'46	22°24	28°50	12°19	1°11	17°44	19°59	29°40	20°25	1°29	20°R56	20°48	14°50	0°46	S 10
S 11	1 28 32	20°25'56	5♌13	27°45	13°34	0°50	17°56	20° 4	29°44	20°23	1°30	20°D56	20°44	14°57	0°49	S 11
M12	1 32 29	21°26'07	18°27	26°33	14°49	0°29	18° 7	20° 9	29°47	20°22	1°31	20°56	20°41	15° 4	0°52	M12
T 13	1 36 25	22°26'21	2♍ 8	25°16	16° 5	0° 7	18°19	20°14	29°51	20°21	1°31	20°56	20°38	15°10	0°54	T 13
W14	1 40 22	23°26'37	16°15	23°58	17°20	29♈46	18°31	20°19	29°54	20°19	1°32	20°56	20°35	15°17	0°57	W14
T 15	1 44 19	24°26'56	0♎48	22°39	18°36	29°24	18°43	20°23	29°58	20°18	1°32	20°56	20°32	15°24	0°59	T 15
F 16	1 48 15	25°27'15	15°41	21°23	19°51	29° 2	18°54	20°28	0♎ 2	20°17	1°33	20°R56	20°28	15°30	1° 1	F 16
S 17	1 52 12	26°27'37	0♏47	20°13	21° 7	28°40	19° 6	20°32	0° 5	20°15	1°33	20°56	20°25	15°37	1° 3	S 17
S 18	1 56 8	27°28'01	15°57	19° 9	22°22	28°18	19°18	20°37	0° 9	20°14	1°33	20°56	20°22	15°44	1° 5	S 18
M19	2 0 5	28°28'26	1♐ 2	18°15	23°37	27°56	19°29	20°41	0°12	20°13	1°34	20°55	20°19	15°50	1° 7	M19
T 20	2 4 1	29°28'53	15°52	17°31	24°53	27°35	19°40	20°46	0°15	20°12	1°34	20°54	20°16	15°57	1° 9	T 20
W21	2 7 58	0♏29'22	0♑22	16°58	26° 8	27°13	19°52	20°50	0°19	20°11	1°34	20°53	20°13	16° 4	1°11	W21
T 22	2 11 54	1°29'51	14°28	16°38	27°24	26°52	20° 3	20°54	0°22	20° 9	1°35	20°52	20° 9	16°10	1°13	T 22
F 23	2 15 51	2°30'22	28° 9	16°D28	28°39	26°31	20°14	20°58	0°26	20° 8	1°35	20°D52	20° 6	16°17	1°15	F 23
S 24	2 19 48	3°30'55	11♒25	16°30	29°55	26°11	20°25	21° 2	0°29	20° 7	1°35	20°52	20° 3	16°24	1°16	S 24
S 25	2 23 44	4°31'28	24°19	16°43	1♏10	25°51	20°36	21° 5	0°32	20° 6	1°35	20°53	20° 0	16°30	1°18	S 25
M26	2 27 41	5°32'03	6♓55	17° 6	2°26	25°31	20°47	21° 9	0°36	20° 5	1°35	20°54	19°57	16°37	1°19	M26
T 27	2 31 37	6°32'39	19°15	17°38	3°41	25°12	20°58	21°13	0°39	20° 4	1°36	20°55	19°53	16°44	1°20	T 27
W28	2 35 34	7°33'17	1♈23	18°18	4°57	24°54	21° 9	21°16	0°42	20° 3	1°36	20°57	19°50	16°50	1°22	W28
T 29	2 39 30	8°33'56	13°22	19° 5	6°12	24°36	21°20	21°20	0°45	20° 2	1°36	20°57	19°47	16°57	1°23	T 29
F 30	2 43 27	9°34'36	25°16	19°58	7°28	24°18	21°30	21°23	0°48	20° 1	1°36	20°R58	19°44	17° 4	1°24	F 30
S 31	2 47 23	10♏35'18	7♉ 6	20♎58	8♏43	24♈ 1	21♍41	21♌26	0♎51	20♓ 0	1°R36	20♎57	19♎41	17♉10	1♌25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s 9	3n 9	1n30	15s16	3s 9	0n53	1n25	11n 2	2s 1	6n39	1n 8	16n22	1n16	0n59	0n41	5s11	1s34	27n41	7n54	8s12	8s21	14n13	12n 2	8s23
F 2	4 33	6 54	0 24	15 18	3 7	0 22	1 24	10 59	1 59	6 34	1 8	16 21	1 16	0 57	0 41	5 11	1 34	27 41	7 55	8 12	8 20	14 14	12 1	8 23
S 3	4 57	10 20	0s42	15 15	3 3	0s 8	1 23	10 56	1 56	6 29	1 8	16 19	1 16	0 56	0 41	5 12	1 34	27 41	7 55	8 12	8 19	14 15	11 59	8 24
S 4	5 20	13 19	1 46	15 9	2 58	0 39	1 23	10 52	1 53	6 24	1 8	16 18	1 16	0 54	0 41	5 12	1 34	27 41	7 55	8 12	8 17	14 16	11 58	8 25
M 5	5 43	15 45	2 45	14 59	2 51	1 10	1 22	10 49	1 50	6 20	1 9	16 16	1 17	0 53	0 41	5 13	1 34	27 42	7 56	8 13	8 16	14 18	11 56	8 26
T 6	6 7	17 31	3 37	14 43	2 43	1 41	1 21	10 45	1 48	6 15	1 9	16 15	1 17	0 51	0 41	5 14	1 34	27 42	7 56	8 13	8 15	14 19	11 55	8 26
W 7	6 30	18 31	4 20	14 23	2 33	2 11	1 20	10 41	1 45	6 10	1 9	16 13	1 17	0 50	0 41	5 14	1 34	27 42	7 56	8 13	8 14	14 20	11 54	8 27
T 8	6 53	18 43	4 52	13 58	2 21	2 42	1 19	10 37	1 42	6 6	1 9	16 12	1 17	0 48	0 41	5 15	1 34	27 42	7 56	8 13	8 13	14 21	11 52	8 28
F 9	7 16	18 2	5 12	13 28	2 7	3 13	1 18	10 33	1 39	6 1	1 9	16 10	1 17	0 47	0 41	5 15	1 34	27 42	7 57	8 13	8 11	14 22	11 51	8 29
S 10	7 39	16 30	5 18	12 53	1 52	3 43	1 17	10 28	1 36	5 57	1 9	16 9	1 18	0 46	0 41	5 16	1 34	27 42	7 57	8 13	8 10	14 23	11 49	8 30
S 11	8 2	14 6	5 8	12 13	1 35	4 14	1 16	10 24	1 32	5 52	1 9	16 7	1 18	0 44	0 41	5 16	1 34	27 42	7 57	8 13	8 9	14 25	11 48	8 31
M12	8 25	10 55	4 42	11 30	1 17	4 44	1 14	10 20	1 29	5 47	1 9	16 6	1 18	0 43	0 41	5 17	1 34	27 42	7 58	8 13	8 8	14 26	11 47	8 31
T 13	8 47	7 4	4 0	10 44	0 57	5 15	1 13	10 15	1 26	5 43	1 10	16 5	1 18	0 41	0 41	5 17	1 34	27 43	7 58	8 13	8 7	14 27	11 45	8 32
W14	9 10	2 41	3 1	9 56	0 37	5 45	1 12	10 10	1 23	5 38	1 10	16 3	1 18	0 40	0 41	5 18	1 34	27 43	7 58	8 13	8 5	14 28	11 44	8 33
T 15	9 32	2s 0	1 50	9 7	0 16	6 15	1 10	10 6	1 20	5 34	1 10	16 2	1 19	0 38	0 41	5 18	1 34	27 43	7 58	8 14	8 4	14 29	11 43	8 34
F 16	9 55	6 40	0 29	8 20	0n 4	6 45	1 9	10 1	1 16	5 29	1 10	16 1	1 19	0 37	0 41	5 19	1 34	27 43	7 59	8 14	8 3	14 30	11 41	8 35
S 17	10 17	10 58	0n54	7 34	0 24	7 15	1 7	9 56	1 13	5 25	1 10	15 59	1 19	0 36	0 41	5 19	1 34	27 43	7 59	8 14	8 2	14 32	11 40	8 36
S 18	10 39	14 35	2 15	6 53	0 44	7 45	1 6	9 52	1 10	5 20	1 10	15 58	1 19	0 34	0 41	5 20	1 34	27 44	7 59	8 13	8 1	14 33	11 39	8 36
M19	11 0	17 10	3 25	6 15	1 1	8 14	1 4	9 47	1 6	5 16	1 10	15 57	1 19	0 33	0 41	5 20	1 34	27 44	8 0	8 13	7 59	14 34	11 38	8 37
T 20	11 22	18 32	4 20	5 44	1 18	8 44	1 3	9 42	1 3	5 12	1 10	15 56	1 20	0 32	0 41	5 21	1 34	27 44	8 0	8 13	7 58	14 35	11 36	8 38
W21	11 43	18 39	4 57	5 18	1 32	9 13	1 1	9 38	0 59	5 7	1 11	15 55	1 20	0 30	0 41	5 21	1 34	27 44	8 0	8 12	7 57	14 36	11 35	8 39
T 22	12 5	17 35	5 16	4 58	1 44	9 42	0 59	9 33	0 56	5 3	1 11	15 53	1 20	0 29	0 41	5 22	1 34	27 44	8 1	8 12	7 56	14 37	11 34	8 40
F 23	12 26	15 32	5 15	4 45	1 55	10 11	0 57	9 29	0 53	4 59	1 11	15 52	1 20	0 28	0 41	5 22	1 34	27 45	8 1	8 12	7 55	14 39	11 33	8 41
S 24	12 46	12 42	4 57	4 38	2 4	10 39	0 55	9 25	0 49	4 54	1 11	15 51	1 20	0 26	0 41	5 22	1 34	27 45	8 1	8 12	7 53	14 40	11 32	8 42
S 25	13 7	9 20	4 25	4 36	2 11	11 7	0 54	9 20	0 46	4 50	1 11	15 50	1 21	0 25	0 41	5 23	1 34	27 45	8 1	8 12	7 52	14 41	11 30	8 42
M26	13 27	5 37	3 41	4 40	2 16	11 35	0 52	9 16	0 43	4 46	1 11	15 49	1 21	0 24	0 41	5 23	1 34	27 45	8 2	8 13	7 51	14 42	11 29	8 43
T 27	13 48	1 44	2 47	4 49	2 20	12 3	0 50	9 12	0 39	4 42	1 12	15 48	1 21	0 22	0 41	5 24	1 34	27 46	8 2	8 13	7 50	14 43	11 28	8 44
W28	14 8	2n11	1 46	5 2	2 22	12 31	0 48	9 9	0 36	4 38	1 12	15 47	1 21	0 21	0 41	5 24	1 34	27 46	8 2	8 14	7 49	14 44	11 27	8 45
T 29	14 27	5 57	0 42	5 19	2 23	12 58	0 46	9 5	0 33	4 34	1 12	15 46	1 21	0 20	0 41	5 24	1 34	27 46	8 3	8 14	7 47	14 45	11 26	8 46
F 30	14 47	9 28	0s24	5 39	2 23	13 24	0 44	9 2	0 30	4 30	1 12	15 46	1 22	0 19	0 41	5 25	1 34	27 46	8 3	8 14	7 46	14 46	11 25	8 47
S 31	15s 6	12n35	1s28	6s 2	2n22	13s51	0n42	8n58	0s26	4n26	1n12	15n45	1n22	0n17	0n41	5s25	1s33	27n47	8n 3	8s14	7s45	14n48	11n24	8s48

Julian Day Number = 1981023.5, Delta T = 59m02s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'46, Lahiri = 5°54'46 Julian Calendar 1 Oct. 711 == Greg. Calendar 5 Oct. 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

NOVEMBER 711 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 51 20	11♏36'01	18♉55	22♎ 2	9♏59	23°R45	21♍51	21♌30	0♎55	19°R59	1°R36	20°R55	19♎38	17♉17	1♌25	S 1
M 2	2 55 17	12°36'45	0♊44	23°10	11°14	23♈30	22° 2	21°33	0°58	19♓58	1♌36	20♎52	19°34	17°24	1°26	M 2
T 3	2 59 13	13°37'31	12°36	24°22	12°30	23°15	22°12	21°36	1° 1	19°57	1°36	20°48	19°31	17°30	1°27	T 3
W 4	3 3 10	14°38'18	24°33	25°38	13°45	23° 1	22°22	21°38	1° 4	19°57	1°36	20°44	19°28	17°37	1°27	W 4
T 5	3 7 6	15°39'07	6♋37	26°56	15° 1	22°47	22°32	21°41	1° 7	19°56	1°35	20°40	19°25	17°44	1°28	T 5
F 6	3 11 3	16°39'58	18°51	28°16	16°16	22°35	22°42	21°44	1°10	19°55	1°35	20°36	19°22	17°50	1°28	F 6
S 7	3 14 59	17°40'49	1♌18	29°38	17°32	22°23	22°52	21°46	1°13	19°54	1°35	20°34	19°19	17°57	1°28	S 7
S 8	3 18 56	18°41'43	14° 3	1♏ 2	18°47	22°12	23° 2	21°49	1°15	19°54	1°35	20°D33	19°15	18° 4	1°29	S 8
M 9	3 22 52	19°42'37	27° 8	2°27	20° 3	22° 1	23°12	21°51	1°18	19°53	1°35	20°33	19°12	18°10	1°R29	M 9
T 10	3 26 49	20°43'33	10♍37	3°54	21°18	21°52	23°21	21°53	1°21	19°52	1°34	20°34	19° 9	18°17	1°29	T 10
W11	3 30 46	21°44'31	24°32	5°21	22°34	21°43	23°31	21°56	1°24	19°52	1°34	20°35	19° 6	18°24	1°28	W11
T 12	3 34 42	22°45'29	8♎53	6°49	23°49	21°35	23°40	21°58	1°27	19°51	1°34	20°37	19° 3	18°30	1°28	T 12
F 13	3 38 39	23°46'29	23°38	8°18	25° 5	21°28	23°49	21°59	1°29	19°51	1°33	20°R37	18°59	18°37	1°28	F 13
S 14	3 42 35	24°47'31	8♏41	9°48	26°20	21°22	23°59	22° 1	1°32	19°50	1°33	20°36	18°56	18°43	1°28	S 14
S 15	3 46 32	25°48'33	23°56	11°18	27°36	21°16	24° 8	22° 3	1°34	19°50	1°33	20°33	18°53	18°50	1°27	S 15
M16	3 50 28	26°49'37	9♐11	12°49	28°52	21°12	24°17	22° 5	1°37	19°49	1°32	20°28	18°50	18°57	1°26	M16
T 17	3 54 25	27°50'41	24°17	14°19	0♐ 7	21° 8	24°26	22° 6	1°40	19°49	1°32	20°23	18°47	19° 3	1°26	T 17
W18	3 58 21	28°51'46	9♑ 3	15°51	1°23	21° 5	24°34	22° 7	1°42	19°48	1°31	20°17	18°44	19°10	1°25	W18
T 19	4 2 18	29°52'51	23°24	17°22	2°38	21° 3	24°43	22° 9	1°44	19°48	1°31	20°11	18°40	19°17	1°24	T 19
F 20	4 6 15	0♐53'57	7♒16	18°54	3°54	21° 2	24°51	22°10	1°47	19°48	1°30	20° 7	18°37	19°23	1°23	F 20
S 21	4 10 11	1°55'04	20°38	20°26	5° 9	21°D 1	25° 0	22°11	1°49	19°48	1°29	20° 5	18°34	19°30	1°22	S 21
S 22	4 14 8	2°56'11	3♓34	21°58	6°25	21° 2	25° 8	22°12	1°51	19°47	1°29	20°D 4	18°31	19°37	1°21	S 22
M23	4 18 4	3°57'18	16° 7	23°30	7°40	21° 3	25°16	22°13	1°54	19°47	1°28	20° 5	18°28	19°43	1°20	M23
T 24	4 22 1	4°58'25	28°21	25° 3	8°56	21° 5	25°24	22°13	1°56	19°47	1°28	20° 6	18°25	19°50	1°18	T 24
W25	4 25 57	5°59'33	10♈23	26°35	10°11	21° 8	25°32	22°14	1°58	19°47	1°27	20° 7	18°21	19°57	1°17	W25
T 26	4 29 54	7° 0'42	22°15	28° 8	11°27	21°11	25°39	22°14	2° 0	19°47	1°26	20°R 8	18°18	20° 3	1°15	T 26
F 27	4 33 50	8° 1'50	4♉ 4	29°41	12°42	21°15	25°47	22°15	2° 2	19°47	1°25	20° 7	18°15	20°10	1°14	F 27
S 28	4 37 47	9° 2'59	15°51	1♐14	13°58	21°20	25°55	22°15	2° 4	19°D47	1°25	20° 3	18°12	20°17	1°12	S 28
S 29	4 41 44	10° 4'09	27°41	2°48	15°13	21°26	26° 2	22°15	2° 6	19°47	1°24	19°57	18° 9	20°23	1°10	S 29
M30	4 45 40	11♐ 5'18	9♊34	4♐21	16♐28	21♈32	26♍ 9	22°R15	2♎ 8	19♓47	1♌23	19♎49	18♎ 5	20♉30	1♌ 8	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s25	15n11	2s28	6s28	2n20	14s17	0n40	8n55	0s23	4n22	1n12	15n44	1n22	0n16	0n41	5s25	1s33	27n47	8n 4	8s13	7s44	14n49	11n23	8s49
M 2	15 44	17 9	3 22	6 56	2 17	14 43	0 37	8 52	0 20	4 18	1 13	15 43	1 22	0 15	0 41	5 26	1 33	27 47	8 4	8 12	7 43	14 50	11 22	8 50
T 3	16 2	18 22	4 7	7 26	2 14	15 8	0 35	8 50	0 17	4 14	1 13	15 42	1 23	0 14	0 41	5 26	1 33	27 48	8 4	8 10	7 41	14 51	11 21	8 50
W 4	16 20	18 47	4 42	7 57	2 10	15 33	0 33	8 47	0 14	4 10	1 13	15 42	1 23	0 12	0 41	5 26	1 33	27 48	8 4	8 9	7 40	14 52	11 20	8 51
T 5	16 38	18 22	5 5	8 30	2 5	15 58	0 31	8 45	0 11	4 6	1 13	15 41	1 23	0 11	0 41	5 27	1 33	27 48	8 5	8 7	7 39	14 53	11 19	8 52
F 6	16 56	17 5	5 14	9 3	2 0	16 22	0 29	8 43	0 8	4 2	1 13	15 40	1 23	0 10	0 42	5 27	1 33	27 49	8 5	8 6	7 38	14 54	11 18	8 53
S 7	17 13	14 59	5 9	9 38	1 55	16 45	0 26	8 41	0 5	3 58	1 13	15 40	1 23	0 9	0 42	5 27	1 33	27 49	8 5	8 5	7 36	14 55	11 17	8 54
S 8	17 30	12 7	4 48	10 12	1 49	17 9	0 24	8 40	0 2	3 55	1 14	15 39	1 24	0 8	0 42	5 27	1 33	27 49	8 6	8 5	7 35	14 56	11 16	8 55
M 9	17 47	8 36	4 12	10 48	1 43	17 32	0 22	8 39	0n 1	3 51	1 14	15 39	1 24	0 7	0 42	5 28	1 33	27 50	8 6	8 5	7 34	14 58	11 15	8 56
T 10	18 3	4 31	3 22	11 23	1 37	17 54	0 19	8 38	0 3	3 47	1 14	15 38	1 24	0 6	0 42	5 28	1 33	27 50	8 6	8 5	7 33	14 59	11 14	8 57
W11	18 20	0 4	2 18	11 58	1 30	18 16	0 17	8 37	0 6	3 44	1 14	15 38	1 24	0 5	0 42	5 28	1 33	27 50	8 7	8 6	7 32	15 0	11 13	8 57
T 12	18 35	4s31	1 4	12 34	1 24	18 37	0 15	8 36	0 9	3 40	1 14	15 37	1 25	0 4	0 42	5 28	1 33	27 51	8 7	8 6	7 30	15 1	11 13	8 58
F 13	18 51	8 59	0n16	13 9	1 17	18 58	0 12	8 36	0 11	3 37	1 15	15 37	1 25	0 2	0 42	5 28	1 33	27 51	8 7	8 6	7 29	15 2	11 12	8 59
S 14	19 6	12 58	1 37	13 45	1 10	19 18	0 10	8 36	0 14	3 33	1 15	15 36	1 25	0 1	0 42	5 28	1 33	27 51	8 7	8 6	7 28	15 3	11 11	9 0
S 15	19 20	16 6	2 52	14 19	1 3	19 38	0 8	8 36	0 17	3 30	1 15	15 36	1 25	0 0	0 42	5 29	1 33	27 52	8 8	8 5	7 27	15 4	11 10	9 1
M16	19 35	18 7	3 54	14 54	0 56	19 57	0 5	8 37	0 19	3 26	1 15	15 36	1 26	0s 1	0 42	5 29	1 33	27 52	8 8	8 3	7 26	15 5	11 10	9 2
T 17	19 49	18 49	4 40	15 28	0 49	20 16	0 3	8 38	0 21	3 23	1 15	15 35	1 26	0 2	0 42	5 29	1 33	27 53	8 8	8 1	7 24	15 6	11 9	9 3
W18	20 3	18 13	5 5	16 2	0 42	20 34	0 1	8 39	0 24	3 20	1 16	15 35	1 26	0 3	0 42	5 29	1 33	27 53	8 9	7 59	7 23	15 7	11 8	9 4
T 19	20 16	16 28	5 10	16 35	0 35	20 52	0s 2	8 40	0 26	3 16	1 16	15 35	1 26	0 3	0 42	5 29	1 33	27 53	8 9	7 57	7 22	15 8	11 8	9 4
F 20	20 29	13 47	4 57	17 7	0 28	21 9	0 4	8 42	0 28	3 13	1 16	15 35	1 27	0 4	0 42	5 29	1 33	27 54	8 9	7 55	7 21	15 9	11 7	9 5
S 21	20 41	10 29	4 28	17 39	0 21	21 25	0 7	8 44	0 30	3 10	1 16	15 35	1 27	0 5	0 42	5 29	1 33	27 54	8 9	7 54	7 19	15 11	11 6	9 6
S 22	20 53	6 46	3 46	18 10	0 14	21 40	0 9	8 46	0 32	3 7	1 17	15 35	1 27	0 6	0 42	5 29	1 33	27 55	8 10	7 54	7 18	15 12	11 6	9 7
M23	21 5	2 51	2 54	18 40	0 7	21 56	0 11	8 48	0 34	3 4	1 17	15 35	1 27	0 7	0 42	5 29	1 33	27 55	8 10	7 54	7 17	15 13	11 5	9 8
T 24	21 16	1n 6	1 55	19 10	0s 0	22 10	0 14	8 51	0 36	3 1	1 17	15 35	1 27	0 8	0 42	5 29	1 32	27 55	8 10	7 55	7 16	15 14	11 5	9 9
W25	21 27	4 57	0 53	19 39	0 7	22 24	0 16	8 53	0 38	2 58	1 17	15 35	1 28	0 9	0 42	5 29	1 32	27 56	8 10	7 55	7 15	15 15	11 4	9 9
T 26	21 38	8 33	0s12	20 6	0 14	22 37	0 18	8 56	0 40	2 55	1 17	15 35	1 28	0 10	0 42	5 29	1 32	27 56	8 11	7 55	7 13	15 16	11 4	9 10
F 27	21 48	11 47	1 15	20 33	0 21	22 49	0 21	9 0	0 42	2 52	1 18	15 35	1 28	0 10	0 42	5 29	1 32	27 57	8 11	7 55	7 12	15 17	11 3	9 11
S 28	21 57	14 33	2 14	21 0	0 27	23 1	0 23	9 3	0 44	2 50	1 18	15 35	1 28	0 11	0 42	5 29	1 32	27 57	8 11	7 53	7 11	15 18	11 3	9 12
S 29	22 7	16 43	3 8	21 25	0 34	23 12	0 25	9 7	0 46	2 47	1 18	15 35	1 29	0 12	0 42	5 29	1 32	27 58	8 12	7 51	7 10	15 19	11 3	9 13
M30	22s16	18n11	3s54	21s49	0s40	23s22	0s28	9n11	0n47	2n44	1n18	15n35	1n29	0s13	0n42	5s29	1s32	27n58	8n12	7s48	7s 9	15n20	11n 2	9s13

Julian Day Number = 1981054.5, Delta T = 59m01s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'50, Lahiri = 5°54'51 Julian Calendar 1 Nov. 711 == Greg. Calendar 5 Nov. 711

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ASTRODIENST EPHEMERIS for the year 711
geocentric

DECEMBER 711 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 49 37	12♐ 6'28	21♊34	5♐55	17♐44	21♈39	26♍16	22°R15	2♎10	19♓47	1°R22	19°R39	18♎ 2	20♉37	1°R 6	T 1
W 2	4 53 33	13° 7'39	3♋40	7°29	18°59	21°47	26°23	22♌15	2°12	19°47	1♌21	19♎28	17°59	20°44	1♌ 4	W 2
T 3	4 57 30	14° 8'50	15°54	9° 3	20°15	21°55	26°30	22°15	2°14	19°47	1°21	19°18	17°56	20°50	1° 2	T 3
F 4	5 1 26	15°10'01	28°18	10°37	21°30	22° 4	26°36	22°14	2°15	19°47	1°20	19° 8	17°53	20°57	1° 0	F 4
S 5	5 5 23	16°11'13	10♌53	12°12	22°46	22°14	26°43	22°14	2°17	19°47	1°19	19° 0	17°50	21° 4	0°58	S 5
S 6	5 9 19	17°12'25	23°41	13°47	24° 1	22°24	26°49	22°13	2°19	19°48	1°18	18°55	17°46	21°10	0°56	S 6
M 7	5 13 16	18°13'37	6♍44	15°22	25°17	22°35	26°55	22°13	2°20	19°48	1°17	18°52	17°43	21°17	0°53	M 7
T 8	5 17 13	19°14'50	20° 6	16°57	26°32	22°47	27° 1	22°12	2°22	19°48	1°16	18°D52	17°40	21°24	0°51	T 8
W 9	5 21 9	20°16'03	3♎48	18°33	27°47	22°59	27° 7	22°11	2°23	19°49	1°15	18°52	17°37	21°30	0°48	W 9
T 10	5 25 6	21°17'17	17°51	20° 9	29° 3	23°11	27°13	22°10	2°25	19°49	1°14	18°R53	17°34	21°37	0°45	T 10
F 11	5 29 2	22°18'31	2♏17	21°45	0♑18	23°24	27°18	22° 9	2°26	19°49	1°13	18°52	17°31	21°44	0°43	F 11
S 12	5 32 59	23°19'45	17° 3	23°22	1°34	23°38	27°24	22° 7	2°27	19°50	1°12	18°49	17°27	21°50	0°40	S 12
S 13	5 36 55	24°20'59	2♐ 3	24°59	2°49	23°53	27°29	22° 6	2°29	19°50	1°11	18°43	17°24	21°57	0°37	S 13
M14	5 40 52	25°22'13	17° 9	26°37	4° 4	24° 7	27°34	22° 4	2°30	19°51	1°10	18°35	17°21	22° 4	0°34	M14
T 15	5 44 49	26°23'28	2♑11	28°15	5°20	24°23	27°39	22° 3	2°31	19°52	1° 9	18°25	17°18	22°10	0°31	T 15
W16	5 48 45	27°24'41	17° 1	29°53	6°35	24°39	27°43	22° 1	2°32	19°52	1° 7	18°14	17°15	22°17	0°28	W16
T 17	5 52 42	28°25'55	1♒28	1♑32	7°50	24°55	27°48	21°59	2°33	19°53	1° 6	18° 3	17°11	22°24	0°25	T 17
F 18	5 56 38	29°27'08	15°28	3°11	9° 6	25°12	27°52	21°57	2°34	19°53	1° 5	17°54	17° 8	22°30	0°21	F 18
S 19	6 0 35	0♑28'20	28°58	4°50	10°21	25°29	27°57	21°55	2°35	19°54	1° 4	17°47	17° 5	22°37	0°18	S 19
S 20	6 4 31	1°29'32	12♓ 0	6°30	11°36	25°47	28° 1	21°53	2°36	19°55	1° 3	17°43	17° 2	22°44	0°15	S 20
M21	6 8 28	2°30'43	24°37	8°10	12°52	26° 6	28° 4	21°51	2°37	19°56	1° 1	17°42	16°59	22°50	0°11	M21
T 22	6 12 24	3°31'53	6♈53	9°51	14° 7	26°24	28° 8	21°49	2°37	19°56	1° 0	17°D42	16°56	22°57	0° 8	T 22
W23	6 16 21	4°33'03	18°54	11°32	15°22	26°43	28°12	21°46	2°38	19°57	0°59	17°R42	16°52	23° 4	0° 4	W23
T 24	6 20 18	5°34'12	0♉46	13°13	16°38	27° 3	28°15	21°44	2°39	19°58	0°58	17°41	16°49	23°10	0° 1	T 24
F 25	6 24 14	6°35'20	12°34	14°55	17°53	27°23	28°18	21°41	2°39	19°59	0°56	17°39	16°46	23°17	29♋57	F 25
S 26	6 28 11	7°36'27	24°21	16°37	19° 8	27°43	28°21	21°39	2°40	20° 0	0°55	17°33	16°43	23°24	29°54	S 26
S 27	6 32 7	8°37'34	6♊13	18°19	20°23	28° 4	28°24	21°36	2°40	20° 1	0°54	17°25	16°40	23°30	29°50	S 27
M28	6 36 4	9°38'39	18°13	20° 1	21°39	28°25	28°26	21°33	2°41	20° 2	0°53	17°14	16°37	23°37	29°46	M28
T 29	6 40 0	10°39'44	0♋21	21°42	22°54	28°47	28°29	21°30	2°41	20° 3	0°51	17° 1	16°33	23°44	29°42	T 29
W30	6 43 57	11°40'48	12°41	23°24	24° 9	29° 9	28°31	21°27	2°42	20° 4	0°50	16°47	16°30	23°50	29°39	W30
T 31	6 47 53	12♑41'51	25♋11	25♑ 6	25♑24	29♈31	28♍33	21♌24	2♎42	20♓ 5	0♌49	16♎32	16♎27	23♉57	29♋35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s24	18n51	4s30	22s12	0s46	23s32	0s30	9n15	0n49	2n42	1n19	15n36	1n29	0s13	0n42	5s29	1s32	27n58	8n12	7s44	7s 7	15n21	11n 2	9s14
W 2	22 32	18 39	4 54	22 34	0 52	23 41	0 32	9 20	0 51	2 39	1 19	15 36	1 29	0 14	0 42	5 29	1 32	27 59	8 12	7 40	7 6	15 22	11 2	9 15
T 3	22 39	17 36	5 5	22 55	0 58	23 49	0 35	9 24	0 52	2 37	1 19	15 36	1 30	0 15	0 42	5 29	1 32	27 59	8 13	7 36	7 5	15 23	11 1	9 16
F 4	22 46	15 43	5 1	23 15	1 4	23 56	0 37	9 29	0 54	2 34	1 19	15 36	1 30	0 15	0 42	5 29	1 32	28 0	8 13	7 32	7 4	15 24	11 1	9 16
S 5	22 53	13 4	4 44	23 33	1 9	24 3	0 39	9 34	0 55	2 32	1 20	15 37	1 30	0 16	0 42	5 29	1 32	28 0	8 13	7 30	7 2	15 25	11 1	9 17
S 6	22 59	9 46	4 11	23 51	1 15	24 9	0 41	9 39	0 57	2 30	1 20	15 37	1 30	0 17	0 42	5 29	1 32	28 1	8 13	7 28	7 1	15 26	11 0	9 18
M 7	23 5	5 55	3 26	24 7	1 20	24 14	0 43	9 45	0 58	2 27	1 20	15 38	1 31	0 17	0 42	5 28	1 32	28 1	8 14	7 26	7 0	15 27	11 0	9 18
T 8	23 10	1 41	2 28	24 22	1 25	24 19	0 45	9 50	0 59	2 25	1 20	15 38	1 31	0 18	0 42	5 28	1 32	28 2	8 14	7 26	6 59	15 28	11 0	9 19
W 9	23 15	2s44	1 20	24 35	1 29	24 22	0 47	9 56	1 1	2 23	1 21	15 39	1 31	0 18	0 43	5 28	1 32	28 2	8 14	7 26	6 58	15 29	11 0	9 20
T 10	23 19	7 8	0 5	24 48	1 34	24 25	0 49	10 2	1 2	2 21	1 21	15 39	1 31	0 19	0 43	5 28	1 32	28 3	8 14	7 27	6 56	15 30	11 0	9 21
F 11	23 23	11 14	1n11	24 59	1 38	24 28	0 51	10 8	1 3	2 19	1 21	15 40	1 32	0 19	0 43	5 28	1 32	28 3	8 14	7 26	6 55	15 31	11 0	9 21
S 12	23 26	14 44	2 24	25 8	1 42	24 29	0 53	10 14	1 4	2 17	1 21	15 41	1 32	0 20	0 43	5 27	1 32	28 3	8 15	7 25	6 54	15 32	11 0	9 22
S 13	23 29	17 18	3 29	25 16	1 46	24 30	0 55	10 21	1 6	2 15	1 22	15 41	1 32	0 20	0 43	5 27	1 32	28 4	8 15	7 23	6 53	15 33	11 0	9 22
M14	23 31	18 41	4 19	25 23	1 49	24 30	0 57	10 27	1 7	2 14	1 22	15 42	1 32	0 21	0 43	5 27	1 32	28 4	8 15	7 20	6 51	15 34	11 0	9 23
T 15	23 33	18 44	4 51	25 28	1 53	24 29	0 59	10 34	1 8	2 12	1 22	15 43	1 32	0 21	0 43	5 27	1 32	28 5	8 15	7 16	6 50	15 35	11 0	9 24
W16	23 35	17 31	5 2	25 32	1 55	24 27	1 1	10 41	1 9	2 10	1 22	15 44	1 33	0 22	0 43	5 26	1 31	28 5	8 16	7 12	6 49	15 36	11 0	9 24
T 17	23 36	15 11	4 54	25 34	1 58	24 25	1 3	10 48	1 10	2 9	1 23	15 44	1 33	0 22	0 43	5 26	1 31	28 6	8 16	7 8	6 48	15 37	11 0	9 25
F 18	23 36	12 2	4 29	25 34	2 0	24 22	1 4	10 55	1 11	2 7	1 23	15 45	1 33	0 22	0 43	5 26	1 31	28 6	8 16	7 4	6 47	15 38	11 0	9 25
S 19	23 36	8 21	3 49	25 33	2 2	24 18	1 6	11 2	1 12	2 6	1 23	15 46	1 33	0 23	0 43	5 25	1 31	28 7	8 16	7 2	6 45	15 39	11 0	9 26
S 20	23 36	4 22	2 58	25 30	2 3	24 13	1 8	11 10	1 13	2 4	1 24	15 47	1 34	0 23	0 43	5 25	1 31	28 7	8 16	7 0	6 44	15 40	11 0	9 27
M21	23 35	0 20	1 59	25 25	2 4	24 8	1 9	11 17	1 14	2 3	1 24	15 48	1 34	0 23	0 43	5 25	1 31	28 8	8 17	6 59	6 43	15 41	11 0	9 27
T 22	23 33	3n38	0 57	25 19	2 5	24 1	1 11	11 25	1 15	2 2	1 24	15 49	1 34	0 24	0 43	5 24	1 31	28 8	8 17	6 59	6 42	15 42	11 1	9 28
W23	23 31	7 21	0s 6	25 11	2 5	23 55	1 12	11 33	1 15	2 1	1 24	15 50	1 34	0 24	0 43	5 24	1 31	28 9	8 17	6 59	6 40	15 43	11 1	9 28
T 24	23 29	10 45	1 9	25 1	2 5	23 47	1 14	11 41	1 16	2 0	1 25	15 51	1 34	0 24	0 43	5 24	1 31	28 9	8 17	6 59	6 39	15 44	11 1	9 29
F 25	23 26	13 41	2 8	24 49	2 4	23 39	1 15	11 49	1 17	1 59	1 25	15 52	1 35	0 24	0 43	5 23	1 31	28 10	8 17	6 58	6 38	15 45	11 1	9 29
S 26	23 23	16 4	3 1	24 36	2 3	23 29	1 17	11 57	1 18	1 58	1 25	15 53	1 35	0 25	0 43	5 23	1 31	28 10	8 17	6 56	6 37	15 46	11 2	9 30
S 27	23 19	17 46	3 47	24 21	2 1	23 20	1 18	12 5	1 19	1 57	1 25	15 54	1 35	0 25	0 43	5 22	1 31	28 11	8 18	6 53	6 36	15 47	11 2	9 30
M28	23 15	18 43	4 23	24 4	1 59	23 9	1 19	12 13	1 19	1 56	1 26	15 55	1 35	0 25	0 43	5 22	1 31	28 11	8 18	6 49	6 34	15 48	11 2	9 30
T 29	23 10	18 49	4 47	23 45	1 56	22 58	1 20	12 22	1 20	1 55	1 26	15 56	1 36	0 25	0 43	5 21	1 31	28 11	8 18	6 44	6 33	15 49	11 3	9 31
W30	23 5	18 2	4 59	23 24	1 53	22 46	1 21	12 30	1 21	1 55	1 26	15 58	1 36	0 25	0 43	5 21	1 31	28 12	8 18	6 38	6 32	15 50	11 3	9 31
T 31	23s 0	16n23	4s56	23s 2	1s48	22s33	1s23	12n39	1n21	1n54	1n27	15n59	1n36	0s25	0n43	5s21	1s31	28n12	8n18	6s33	6s31	15n51	11n 3	9s32

Julian Day Number = 1981084.5, Delta T = 59m00s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'54, Lahiri = 5°54'55 Julian Calendar 1 Dec. 711 == Greg. Calendar 5 Dec. 711

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ASTRODIENST EPHEMERIS for the year 712
geocentric

JANUARY 712 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 51 50	13♉42'54	7♌51	26♉46	26♉39	29♈53	28♍35	21°R21	2♎42	20♓ 6	0°R47	16°R19	16♎24	24♉ 4	29°R31	F 1
S 2	6 55 47	14°43'56	20°43	28°27	27°55	0♉16	28°37	21♌17	2°42	20° 7	0♌46	16♎ 8	16°21	24°10	29♋27	S 2
S 3	6 59 43	15°44'57	3♍46	0♒ 6	29°10	0°39	28°38	21°14	2°42	20° 9	0°44	16° 0	16°17	24°17	29°23	S 3
M 4	7 3 40	16°45'57	16°59	1°44	0♒25	1° 3	28°40	21°10	2°R42	20°10	0°43	15°56	16°14	24°24	29°19	M 4
T 5	7 7 36	17°46'56	0♎25	3°20	1°40	1°27	28°41	21° 7	2°42	20°11	0°42	15°54	16°11	24°30	29°15	T 5
W 6	7 11 33	18°47'55	14° 5	4°54	2°55	1°51	28°42	21° 3	2°42	20°12	0°40	15°53	16° 8	24°37	29°11	W 6
T 7	7 15 29	19°48'53	27°59	6°26	4°10	2°15	28°42	21° 0	2°42	20°14	0°39	15°53	16° 5	24°44	29° 7	T 7
F 8	7 19 26	20°49'51	12♏ 9	7°55	5°25	2°40	28°43	20°56	2°42	20°15	0°37	15°52	16° 2	24°50	29° 3	F 8
S 9	7 23 22	21°50'47	26°32	9°20	6°40	3° 5	28°43	20°52	2°42	20°16	0°36	15°49	15°58	24°57	28°59	S 9
S 10	7 27 19	22°51'43	11♐ 8	10°41	7°55	3°30	28°R44	20°48	2°41	20°18	0°35	15°42	15°55	25° 4	28°54	S 10
M11	7 31 16	23°52'38	25°50	11°57	9°10	3°55	28°44	20°44	2°41	20°19	0°33	15°33	15°52	25°10	28°50	M11
T 12	7 35 12	24°53'32	10♑31	13° 7	10°25	4°21	28°43	20°40	2°41	20°21	0°32	15°22	15°49	25°17	28°46	T 12
W13	7 39 9	25°54'25	25° 4	14°11	11°40	4°47	28°43	20°36	2°40	20°22	0°30	15°10	15°46	25°24	28°42	W13
T 14	7 43 5	26°55'16	9♒21	15° 8	12°55	5°13	28°42	20°32	2°40	20°24	0°29	14°58	15°43	25°30	28°38	T 14
F 15	7 47 2	27°56'06	23°16	15°57	14°10	5°40	28°42	20°28	2°39	20°25	0°27	14°48	15°39	25°37	28°34	F 15
S 16	7 50 58	28°56'55	6♓46	16°37	15°25	6° 7	28°41	20°23	2°38	20°27	0°26	14°40	15°36	25°44	28°29	S 16
S 17	7 54 55	29°57'42	19°51	17° 8	16°40	6°34	28°39	20°19	2°38	20°28	0°25	14°35	15°33	25°50	28°25	S 17
M18	7 58 51	0♒58'27	2♈31	17°28	17°55	7° 1	28°38	20°15	2°37	20°30	0°23	14°32	15°30	25°57	28°21	M18
T 19	8 2 48	1°59'11	14°51	17°R39	19°10	7°28	28°36	20°10	2°36	20°31	0°22	14°D32	15°27	26° 4	28°17	T 19
W20	8 6 45	2°59'53	26°55	17°38	20°24	7°56	28°35	20° 6	2°35	20°33	0°20	14°32	15°23	26°11	28°13	W20
T 21	8 10 41	4° 0'33	8♉49	17°27	21°39	8°24	28°33	20° 1	2°34	20°35	0°19	14°R32	15°20	26°17	28° 8	T 21
F 22	8 14 38	5° 1'12	20°38	17° 6	22°54	8°52	28°31	19°57	2°33	20°36	0°17	14°31	15°17	26°24	28° 4	F 22
S 23	8 18 34	6° 1'49	2♊28	16°34	24° 9	9°20	28°28	19°52	2°32	20°38	0°16	14°27	15°14	26°31	28° 0	S 23
S 24	8 22 31	7° 2'24	14°23	15°53	25°23	9°48	28°26	19°48	2°31	20°40	0°14	14°21	15°11	26°37	27°56	S 24
M25	8 26 27	8° 2'57	26°27	15° 4	26°38	10°17	28°23	19°43	2°30	20°42	0°13	14°13	15° 8	26°44	27°52	M25
T 26	8 30 24	9° 3'29	8♋43	14° 8	27°53	10°46	28°20	19°38	2°29	20°44	0°12	14° 2	15° 4	26°51	27°48	T 26
W27	8 34 20	10° 3'59	21°14	13° 7	29° 7	11°15	28°17	19°34	2°28	20°45	0°10	13°50	15° 1	26°57	27°44	W27
T 28	8 38 17	11° 4'27	4♌ 0	12° 2	0♓22	11°44	28°14	19°29	2°27	20°47	0° 9	13°39	14°58	27° 4	27°40	T 28
F 29	8 42 14	12° 4'53	17° 0	10°55	1°37	12°13	28°11	19°24	2°25	20°49	0° 7	13°28	14°55	27°11	27°36	F 29
S 30	8 46 10	13° 5'18	0♍14	9°48	2°51	12°42	28° 7	19°19	2°24	20°51	0° 6	13°19	14°52	27°17	27°32	S 30
S 31	8 50 7	14♒ 5'41	13♍40	8♒43	4♓ 6	13♉12	28♍ 4	19♌15	2♎23	20♓53	0♌ 5	13♎13	14♎48	27♉24	27♋28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s53	13n56	4s39	22s38	1s43	22s20	1s24	12n47	1n22	1n54	1n27	16n 0	1n36	0s25	0n43	5s20	1s31	28n13	8n18	6s28	6s29	15n52	11n 4	9s32
S 2	22 47	10 46	4 8	22 13	1 38	22 6	1 25	12 56	1 23	1 53	1 27	16 1	1 36	0 25	0 43	5 20	1 31	28 13	8 19	6 23	6 28	15 53	11 4	9 32
S 3	22 40	7 3	3 23	21 45	1 31	21 51	1 25	13 5	1 23	1 53	1 27	16 3	1 37	0 25	0 43	5 19	1 31	28 14	8 19	6 20	6 27	15 54	11 5	9 33
M 4	22 33	2 56	2 26	21 17	1 24	21 36	1 26	13 13	1 24	1 53	1 28	16 4	1 37	0 25	0 43	5 19	1 31	28 14	8 19	6 18	6 26	15 55	11 5	9 33
T 5	22 25	1s24	1 21	20 47	1 16	21 20	1 27	13 22	1 24	1 52	1 28	16 5	1 37	0 25	0 43	5 18	1 31	28 15	8 19	6 18	6 24	15 56	11 6	9 33
W 6	22 16	5 44	0 10	20 16	1 7	21 4	1 28	13 31	1 25	1 52	1 28	16 7	1 37	0 25	0 44	5 17	1 31	28 15	8 19	6 18	6 23	15 57	11 6	9 33
T 7	22 8	9 50	1n 4	19 43	0 58	20 47	1 28	13 40	1 25	1 52	1 29	16 8	1 37	0 25	0 44	5 17	1 31	28 16	8 19	6 17	6 22	15 57	11 7	9 34
F 8	21 59	13 27	2 14	19 11	0 47	20 29	1 29	13 49	1 26	1 52	1 29	16 9	1 38	0 25	0 44	5 16	1 30	28 16	8 19	6 17	6 21	15 58	11 7	9 34
S 9	21 49	16 19	3 17	18 37	0 36	20 10	1 29	13 58	1 26	1 52	1 29	16 11	1 38	0 25	0 44	5 16	1 30	28 16	8 20	6 16	6 20	15 59	11 8	9 34
S 10	21 39	18 10	4 8	18 3	0 24	19 52	1 30	14 7	1 27	1 53	1 29	16 12	1 38	0 25	0 44	5 15	1 30	28 17	8 20	6 13	6 18	16 0	11 9	9 34
M11	21 29	18 49	4 43	17 30	0 10	19 32	1 30	14 17	1 27	1 53	1 30	16 14	1 38	0 24	0 44	5 15	1 30	28 17	8 20	6 10	6 17	16 1	11 9	9 34
T 12	21 18	18 12	5 0	16 56	0n 3	19 12	1 31	14 26	1 28	1 53	1 30	16 15	1 38	0 24	0 44	5 14	1 30	28 18	8 20	6 6	6 16	16 2	11 10	9 35
W13	21 7	16 25	4 56	16 24	0 18	18 51	1 31	14 35	1 28	1 54	1 30	16 17	1 38	0 24	0 44	5 13	1 30	28 18	8 20	6 1	6 15	16 3	11 11	9 35
T 14	20 55	13 38	4 34	15 52	0 34	18 30	1 31	14 44	1 28	1 54	1 31	16 18	1 39	0 24	0 44	5 13	1 30	28 19	8 20	5 56	6 13	16 4	11 11	9 35
F 15	20 43	10 8	3 56	15 22	0 50	18 9	1 31	14 54	1 29	1 55	1 31	16 20	1 39	0 23	0 44	5 12	1 30	28 19	8 20	5 52	6 12	16 5	11 12	9 35
S 16	20 31	6 12	3 6	14 55	1 6	17 46	1 31	15 3	1 29	1 55	1 31	16 21	1 39	0 23	0 44	5 11	1 30	28 19	8 20	5 49	6 11	16 6	11 13	9 35
S 17	20 18	2 6	2 7	14 29	1 23	17 24	1 31	15 12	1 30	1 56	1 31	16 23	1 39	0 23	0 44	5 11	1 30	28 20	8 20	5 47	6 10	16 7	11 13	9 35
M18	20 5	1n59	1 3	14 7	1 40	17 1	1 31	15 22	1 30	1 57	1 32	16 24	1 39	0 23	0 44	5 10	1 30	28 20	8 20	5 46	6 8	16 8	11 14	9 35
T 19	19 51	5 52	0s 2	13 47	1 57	16 37	1 31	15 31	1 30	1 58	1 32	16 26	1 39	0 22	0 44	5 9	1 30	28 21	8 20	5 46	6 7	16 8	11 15	9 35
W20	19 37	9 26	1 5	13 32	2 14	16 13	1 31	15 40	1 30	1 59	1 32	16 27	1 39	0 22	0 44	5 9	1 30	28 21	8 21	5 46	6 6	16 9	11 16	9 35
T 21	19 23	12 33	2 5	13 20	2 30	15 48	1 30	15 50	1 31	2 0	1 32	16 29	1 40	0 21	0 44	5 8	1 30	28 21	8 21	5 46	6 5	16 10	11 17	9 35
F 22	19 9	15 9	3 0	13 12	2 45	15 24	1 30	15 59	1 31	2 1	1 33	16 30	1 40	0 21	0 44	5 7	1 30	28 22	8 21	5 46	6 4	16 11	11 17	9 35
S 23	18 54	17 6	3 46	13 7	3 0	14 58	1 30	16 9	1 31	2 2	1 33	16 32	1 40	0 21	0 44	5 7	1 30	28 22	8 21	5 44	6 2	16 12	11 18	9 35
S 24	18 38	18 20	4 23	13 7	3 12	14 32	1 29	16 18	1 32	2 3	1 33	16 34	1 40	0 20	0 44	5 6	1 30	28 23	8 21	5 42	6 1	16 13	11 19	9 35
M25	18 23	18 45	4 49	13 11	3 23	14 6	1 28	16 27	1 32	2 4	1 34	16 35	1 40	0 20	0 44	5 5	1 30	28 23	8 21	5 39	6 0	16 14	11 20	9 35
T 26	18 7	18 18	5 2	13 18	3 33	13 40	1 28	16 37	1 32	2 6	1 34	16 37	1 40	0 19	0 44	5 5	1 30	28 23	8 21	5 34	5 59	16 15	11 21	9 35
W27	17 51	16 58	5 0	13 29	3 40	13 13	1 27	16 46	1 32	2 7	1 34	16 38	1 40	0 19	0 44	5 4	1 30	28 24	8 21	5 30	5 57	16 16	11 22	9 35
T 28	17 34	14 47	4 44	13 42	3 45	12 46	1 26	16 55	1 33	2 9	1 34	16 40	1 41	0 18	0 44	5 3	1 30	28 24	8 21	5 25	5 56	16 16	11 23	9 35
F 29	17 17	11 49	4 13	13 58	3 47	12 18	1 26	17 5	1 33	2 10	1 35	16 42	1 41	0 18	0 44	5 2	1 30	28 24	8 21	5 21	5 55	16 17	11 23	9 35
S 30	17 0	8 13	3 28	14 16	3 47	11 50	1 25	17 14	1 33	2 12	1 35	16 43	1 41	0 17	0 44	5 2	1 30	28 25	8 21	5 17	5 54	16 18	11 24	9 34
S 31	16s43	4n 9	2s31	14s35	3n45	11s22	1s24	17n23	1n33	2n14	1n35	16n45	1n41	0s16	0n44	5s 1	1s30	28n25	8n21	5s15	5s52	16n19	11n25	9s34

Julian Day Number = 1981115.5, Delta T = 59m00s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°47'59, Lahiri = 5°54'59 Julian Calendar 1 Jan. 712 == Greg. Calendar 5 Jan. 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

FEBRUARY 712 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 54 3	15♒ 6'02	27♍15	7°R40	5♓20	13♉42	28°R 0	19°R10	2°R21	20♓55	0°R 3	13°R 9	14♎45	27♉31	27°R24	M 1
T 2	8 58 0	16° 6'22	10♎59	6♒42	6°35	14°12	27♍56	19♌ 5	2♎20	20°57	0♌ 2	13°D 8	14°42	27°37	27♋20	T 2
W 3	9 1 56	17° 6'40	24°51	5°49	7°49	14°42	27°51	19° 0	2°18	20°59	0° 0	13♎ 8	14°39	27°44	27°16	W 3
T 4	9 5 53	18° 6'57	8♏50	5° 1	9° 3	15°12	27°47	18°55	2°17	21° 0	29♋59	13° 9	14°36	27°51	27°12	T 4
F 5	9 9 49	19° 7'12	22°56	4°21	10°18	15°42	27°42	18°51	2°15	21° 2	29°58	13°R 9	14°33	27°57	27° 8	F 5
S 6	9 13 46	20° 7'26	7♐ 7	3°47	11°32	16°13	27°38	18°46	2°13	21° 4	29°56	13° 8	14°29	28° 4	27° 5	S 6
S 7	9 17 43	21° 7'38	21°21	3°21	12°46	16°43	27°33	18°41	2°12	21° 6	29°55	13° 5	14°26	28°11	27° 1	S 7
M 8	9 21 39	22° 7'49	5♑37	3° 1	14° 1	17°14	27°28	18°36	2°10	21° 9	29°54	12°59	14°23	28°17	26°57	M 8
T 9	9 25 36	23° 7'58	19°50	2°49	15°15	17°45	27°23	18°31	2° 8	21°11	29°52	12°51	14°20	28°24	26°54	T 9
W10	9 29 32	24° 8'06	3♒55	2°D43	16°29	18°16	27°17	18°27	2° 6	21°13	29°51	12°43	14°17	28°31	26°50	W10
T 11	9 33 29	25° 8'11	17°47	2°44	17°43	18°47	27°12	18°22	2° 5	21°15	29°50	12°35	14°14	28°38	26°47	T 11
F 12	9 37 25	26° 8'15	1♓24	2°51	18°57	19°18	27° 6	18°17	2° 3	21°17	29°49	12°28	14°10	28°44	26°43	F 12
S 13	9 41 22	27° 8'16	14°41	3° 4	20°12	19°49	27° 1	18°12	2° 1	21°19	29°47	12°23	14° 7	28°51	26°40	S 13
S 14	9 45 18	28° 8'16	27°38	3°23	21°26	20°21	26°55	18° 8	1°59	21°21	29°46	12°19	14° 4	28°58	26°36	S 14
M15	9 49 15	29° 8'13	10♈16	3°46	22°40	20°52	26°49	18° 3	1°57	21°23	29°45	12°D18	14° 1	29° 4	26°33	M15
T 16	9 53 12	0♓ 8'08	22°35	4°15	23°54	21°24	26°42	17°58	1°55	21°25	29°44	12°19	13°58	29°11	26°30	T 16
W17	9 57 8	1° 8'01	4♉41	4°48	25° 7	21°56	26°36	17°54	1°53	21°27	29°42	12°20	13°54	29°18	26°27	W17
T 18	10 1 5	2° 7'52	16°37	5°26	26°21	22°28	26°30	17°49	1°51	21°30	29°41	12°22	13°51	29°24	26°24	T 18
F 19	10 5 1	3° 7'41	28°28	6° 7	27°35	23° 0	26°23	17°44	1°49	21°32	29°40	12°R23	13°48	29°31	26°21	F 19
S 20	10 8 58	4° 7'27	10♊19	6°53	28°49	23°32	26°17	17°40	1°46	21°34	29°39	12°23	13°45	29°38	26°18	S 20
S 21	10 12 54	5° 7'11	22°15	7°42	0♈ 3	24° 4	26°10	17°35	1°44	21°36	29°38	12°21	13°42	29°44	26°15	S 21
M22	10 16 51	6° 6'52	4♋21	8°34	1°17	24°37	26° 3	17°31	1°42	21°38	29°37	12°18	13°39	29°51	26°12	M22
T 23	10 20 47	7° 6'32	16°41	9°29	2°30	25° 9	25°56	17°27	1°40	21°41	29°36	12°13	13°35	29°58	26° 9	T 23
W24	10 24 44	8° 6'09	29°18	10°27	3°44	25°41	25°49	17°22	1°37	21°43	29°34	12° 7	13°32	0♊ 4	26° 7	W24
T 25	10 28 40	9° 5'44	12♌14	11°27	4°57	26°14	25°42	17°18	1°35	21°45	29°33	12° 2	13°29	0°11	26° 4	T 25
F 26	10 32 37	10° 5'16	25°30	12°31	6°11	26°47	25°35	17°14	1°33	21°47	29°32	11°56	13°26	0°18	26° 2	F 26
S 27	10 36 34	11° 4'47	9♍ 4	13°37	7°24	27°19	25°28	17°10	1°31	21°49	29°31	11°52	13°23	0°24	25°59	S 27
S 28	10 40 30	12° 4'15	22°54	14°45	8°38	27°52	25°21	17° 5	1°28	21°52	29°30	11°49	13°20	0°31	25°57	S 28
M29	10 44 27	13♓ 3'41	6♎56	15♒55	9♈51	28♉25	25♍13	17♌ 1	1♎26	21♓54	29♋29	11°D48	13♎16	0♊38	25♋55	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s25	0s11	1s24	14s55	3n41	10s54	1s23	17n32	1n33	2n15	1n35	16n47	1n41	0s16	0n44	5s 0	1s30	28n25	8n21	5s14	5s51	16n20	11n26	9s34
T 2	16 7	4 33	0 11	15 15	3 35	10 25	1 21	17 42	1 34	2 17	1 36	16 48	1 41	0 15	0 44	4 59	1 30	28 26	8 21	5 13	5 50	16 21	11 27	9 34
W 3	15 49	8 43	1n 2	15 36	3 28	9 56	1 20	17 51	1 34	2 19	1 36	16 50	1 41	0 15	0 44	4 58	1 30	28 26	8 21	5 13	5 49	16 22	11 28	9 33
T 4	15 30	12 26	2 13	15 56	3 19	9 27	1 19	18 0	1 34	2 21	1 36	16 51	1 41	0 14	0 44	4 58	1 30	28 26	8 21	5 14	5 47	16 22	11 29	9 33
F 5	15 12	15 27	3 17	16 15	3 8	8 57	1 18	18 9	1 34	2 23	1 36	16 53	1 41	0 13	0 44	4 57	1 30	28 27	8 21	5 14	5 46	16 23	11 30	9 33
S 6	14 52	17 34	4 9	16 34	2 57	8 28	1 16	18 18	1 34	2 25	1 36	16 55	1 41	0 13	0 44	4 56	1 30	28 27	8 21	5 13	5 45	16 24	11 31	9 33
S 7	14 33	18 34	4 45	16 52	2 45	7 58	1 15	18 27	1 34	2 27	1 37	16 56	1 41	0 12	0 45	4 55	1 30	28 27	8 21	5 12	5 44	16 25	11 32	9 32
M 8	14 14	18 25	5 4	17 9	2 32	7 28	1 13	18 36	1 34	2 30	1 37	16 58	1 42	0 11	0 45	4 54	1 30	28 27	8 21	5 10	5 43	16 26	11 33	9 32
T 9	13 54	17 6	5 5	17 24	2 19	6 57	1 12	18 45	1 34	2 32	1 37	16 59	1 42	0 10	0 45	4 54	1 30	28 28	8 21	5 7	5 41	16 27	11 34	9 32
W10	13 34	14 46	4 46	17 39	2 6	6 27	1 10	18 54	1 35	2 34	1 37	17 1	1 42	0 10	0 45	4 53	1 30	28 28	8 21	5 3	5 40	16 28	11 35	9 31
T 11	13 14	11 37	4 11	17 51	1 53	5 56	1 9	19 3	1 35	2 37	1 38	17 2	1 42	0 9	0 45	4 52	1 30	28 28	8 21	5 0	5 39	16 28	11 36	9 31
F 12	12 53	7 54	3 23	18 3	1 39	5 25	1 7	19 11	1 35	2 39	1 38	17 4	1 42	0 8	0 45	4 51	1 30	28 29	8 21	4 57	5 38	16 29	11 37	9 31
S 13	12 33	3 52	2 24	18 13	1 26	4 54	1 5	19 20	1 35	2 42	1 38	17 5	1 42	0 7	0 45	4 50	1 30	28 29	8 21	4 55	5 36	16 30	11 38	9 30
S 14	12 12	0n15	1 19	18 22	1 12	4 23	1 3	19 29	1 35	2 44	1 38	17 7	1 42	0 7	0 45	4 49	1 30	28 29	8 21	4 54	5 35	16 31	11 39	9 30
M15	11 51	4 16	0 11	18 29	0 59	3 52	1 1	19 37	1 35	2 47	1 38	17 9	1 42	0 6	0 45	4 48	1 29	28 29	8 21	4 54	5 34	16 32	11 40	9 29
T 16	11 30	7 59	0s56	18 34	0 47	3 21	0 59	19 46	1 35	2 49	1 38	17 10	1 42	0 5	0 45	4 48	1 29	28 30	8 21	4 54	5 33	16 33	11 41	9 29
W17	11 9	11 19	1 59	18 38	0 34	2 49	0 57	19 54	1 35	2 52	1 39	17 11	1 42	0 4	0 45	4 47	1 29	28 30	8 21	4 54	5 31	16 33	11 42	9 28
T 18	10 47	14 7	2 56	18 41	0 22	2 18	0 55	20 3	1 35	2 55	1 39	17 13	1 42	0 3	0 45	4 46	1 29	28 30	8 21	4 55	5 30	16 34	11 43	9 28
F 19	10 26	16 18	3 45	18 42	0 10	1 47	0 53	20 11	1 35	2 57	1 39	17 14	1 42	0 2	0 45	4 45	1 29	28 30	8 21	4 55	5 29	16 35	11 44	9 27
S 20	10 4	17 47	4 24	18 42	0s 1	1 15	0 51	20 19	1 35	3 0	1 39	17 16	1 42	0 2	0 45	4 44	1 29	28 30	8 21	4 55	5 28	16 36	11 45	9 27
S 21	9 42	18 30	4 53	18 40	0 12	0 43	0 49	20 27	1 35	3 3	1 39	17 17	1 42	0 1	0 45	4 43	1 29	28 31	8 20	4 55	5 26	16 37	11 46	9 26
M22	9 20	18 24	5 8	18 37	0 23	0 12	0 46	20 35	1 35	3 6	1 39	17 19	1 42	0n 0	0 45	4 42	1 29	28 31	8 20	4 53	5 25	16 37	11 47	9 26
T 23	8 58	17 25	5 10	18 32	0 33	0n20	0 44	20 43	1 35	3 9	1 40	17 20	1 42	0 1	0 45	4 41	1 29	28 31	8 20	4 52	5 24	16 38	11 48	9 25
W24	8 35	15 35	4 58	18 25	0 42	0 51	0 42	20 51	1 35	3 12	1 40	17 21	1 42	0 2	0 45	4 41	1 29	28 31	8 20	4 49	5 23	16 39	11 49	9 25
T 25	8 13	12 56	4 30	18 17	0 52	1 23	0 39	20 59	1 35	3 15	1 40	17 23	1 42	0 3	0 45	4 40	1 29	28 31	8 20	4 47	5 21	16 40	11 50	9 24
F 26	7 50	9 33	3 46	18 8	1 1	1 55	0 37	21 7	1 35	3 18	1 40	17 24	1 42	0 4	0 45	4 39	1 29	28 31	8 20	4 45	5 20	16 41	11 51	9 24
S 27	7 28	5 36	2 50	17 57	1 9	2 26	0 34	21 15	1 35	3 20	1 40	17 25	1 42	0 5	0 45	4 38	1 29	28 32	8 20	4 43	5 19	16 41	11 52	9 23
S 28	7 5	1 17	1 42	17 45	1 17	2 58	0 32	21 22	1 35	3 23	1 40	17 27	1 42	0 6	0 45	4 37	1 29	28 32	8 20	4 42	5 18	16 42	11 53	9 23
M29	6s42	3s11	0s27	17s31	1s25	3n29	0s29	21n29	1n35	3n27	1n40	17n28	1n42	0n 7	0n45	4s36	1s29	28n32	8n20	4s42	5s16	16n43	11n54	9s22

Julian Day Number = 1981146.5, Delta T = 58m59s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'03, Lahiri = 5°55'03 Julian Calendar 1 Feb. 712 == Greg. Calendar 5 Feb. 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

MARCH 712 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 48 23	14♓ 3'05	21♎ 7	17♒ 7	11♈ 5	28♉58	25°R 6	16°R57	1°R23	21♓56	29°R28	11♎48	13♎13	0♊45	25°R52	T 1
W 2	10 52 20	15° 2'27	5♏23	18°22	12°18	29°31	24♍58	16♌53	1♎21	21°58	29♋27	11°50	13°10	0°51	25♋50	W 2
T 3	10 56 16	16° 1'48	19°41	19°38	13°31	0♊ 4	24°51	16°49	1°19	22° 1	29°26	11°51	13° 7	0°58	25°48	T 3
F 4	11 0 13	17° 1'07	3♐56	20°56	14°44	0°37	24°43	16°46	1°16	22° 3	29°26	11°52	13° 4	1° 5	25°46	F 4
S 5	11 4 9	18° 0'24	18° 8	22°16	15°57	1°11	24°36	16°42	1°14	22° 5	29°25	11°R53	13° 0	1°11	25°44	S 5
S 6	11 8 6	18°59'39	2♑14	23°38	17°10	1°44	24°28	16°38	1°11	22° 7	29°24	11°52	12°57	1°18	25°43	S 6
M 7	11 12 3	19°58'52	16°12	25° 2	18°23	2°17	24°20	16°35	1° 9	22°10	29°23	11°51	12°54	1°25	25°41	M 7
T 8	11 15 59	20°58'04	0♒ 0	26°27	19°36	2°51	24°13	16°31	1° 6	22°12	29°22	11°48	12°51	1°31	25°39	T 8
W 9	11 19 56	21°57'14	13°38	27°53	20°49	3°24	24° 5	16°28	1° 4	22°14	29°21	11°45	12°48	1°38	25°38	W 9
T 10	11 23 52	22°56'21	27° 3	29°22	22° 2	3°58	23°57	16°24	1° 1	22°17	29°21	11°42	12°45	1°45	25°36	T 10
F 11	11 27 49	23°55'27	10♓14	0♓52	23°15	4°32	23°50	16°21	0°58	22°19	29°20	11°40	12°41	1°51	25°35	F 11
S 12	11 31 45	24°54'31	23°10	2°23	24°28	5° 5	23°42	16°18	0°56	22°21	29°19	11°38	12°38	1°58	25°34	S 12
S 13	11 35 42	25°53'32	5♈51	3°56	25°41	5°39	23°34	16°14	0°53	22°23	29°19	11°D38	12°35	2° 5	25°33	S 13
M14	11 39 38	26°52'32	18°18	5°31	26°53	6°13	23°26	16°11	0°51	22°26	29°18	11°38	12°32	2°11	25°32	M14
T 15	11 43 35	27°51'29	0♉32	7° 7	28° 6	6°47	23°19	16° 8	0°48	22°28	29°17	11°38	12°29	2°18	25°31	T 15
W16	11 47 31	28°50'24	12°35	8°44	29°18	7°21	23°11	16° 5	0°46	22°30	29°17	11°39	12°25	2°25	25°30	W16
T 17	11 51 28	29°49'17	24°30	10°23	0♉31	7°55	23° 3	16° 3	0°43	22°32	29°16	11°41	12°22	2°32	25°29	T 17
F 18	11 55 25	0♈48'07	6♊21	12° 4	1°43	8°29	22°56	16° 0	0°41	22°35	29°15	11°42	12°19	2°38	25°28	F 18
S 19	11 59 21	1°46'56	18°13	13°46	2°56	9° 3	22°48	15°57	0°38	22°37	29°15	11°42	12°16	2°45	25°28	S 19
S 20	12 3 18	2°45'42	0♋ 9	15°30	4° 8	9°37	22°41	15°55	0°35	22°39	29°14	11°R43	12°13	2°52	25°27	S 20
M21	12 7 14	3°44'25	12°14	17°15	5°20	10°12	22°33	15°52	0°33	22°41	29°14	11°43	12°10	2°58	25°27	M21
T 22	12 11 11	4°43'07	24°33	19° 1	6°32	10°46	22°26	15°50	0°30	22°44	29°13	11°42	12° 6	3° 5	25°26	T 22
W23	12 15 7	5°41'46	7♌11	20°50	7°44	11°20	22°18	15°48	0°28	22°46	29°13	11°42	12° 3	3°12	25°26	W23
T 24	12 19 4	6°40'23	20° 9	22°39	8°56	11°55	22°11	15°46	0°25	22°48	29°13	11°41	12° 0	3°18	25°26	T 24
F 25	12 23 0	7°38'57	3♍31	24°31	10° 8	12°29	22° 4	15°44	0°23	22°50	29°12	11°40	11°57	3°25	25°D26	F 25
S 26	12 26 57	8°37'30	17°16	26°24	11°20	13° 4	21°57	15°42	0°20	22°52	29°12	11°40	11°54	3°32	25°26	S 26
S 27	12 30 54	9°36'00	1♎23	28°18	12°32	13°38	21°50	15°40	0°17	22°55	29°11	11°40	11°51	3°38	25°26	S 27
M28	12 34 50	10°34'28	15°48	0♈14	13°44	14°13	21°43	15°38	0°15	22°57	29°11	11°D40	11°47	3°45	25°26	M28
T 29	12 38 47	11°32'55	0♏25	2°12	14°55	14°47	21°36	15°36	0°12	22°59	29°11	11°R40	11°44	3°52	25°26	T 29
W30	12 42 43	12°31'20	15° 9	4°11	16° 7	15°22	21°29	15°35	0°10	23° 1	29°11	11°40	11°41	3°59	25°27	W30
T 31	12 46 40	13♈29'42	29♏53	6♈12	17♉18	15♊57	21♍22	15♌33	0♎ 7	23♓ 3	29♋10	11♎40	11♎38	4♊ 5	25♋27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s19	7s31	0n51	17s16	1s32	4n 0	0s26	21n37	1n35	3n30	1n40	17n29	1n42	0n 8	0n45	4s35	1s29	28n32	8n20	4s42	5s15	16n44	11n55	9s21
W 2	5 56	11 26	2 6	16 59	1 38	4 32	0 24	21 44	1 35	3 33	1 40	17 30	1 42	0 9	0 45	4 34	1 29	28 32	8 20	4 42	5 14	16 44	11 56	9 21
T 3	5 33	14 40	3 13	16 41	1 45	5 3	0 21	21 51	1 35	3 36	1 40	17 31	1 42	0 10	0 45	4 33	1 29	28 32	8 20	4 43	5 13	16 45	11 57	9 20
F 4	5 10	17 1	4 9	16 21	1 50	5 34	0 18	21 58	1 35	3 39	1 40	17 33	1 42	0 11	0 45	4 33	1 29	28 32	8 20	4 43	5 11	16 46	11 58	9 19
S 5	4 46	18 17	4 48	16 0	1 56	6 5	0 15	22 5	1 35	3 42	1 41	17 34	1 42	0 12	0 45	4 32	1 29	28 32	8 19	4 44	5 10	16 47	11 59	9 19
S 6	4 23	18 25	5 10	15 38	2 1	6 36	0 13	22 12	1 35	3 45	1 41	17 35	1 42	0 13	0 45	4 31	1 29	28 32	8 19	4 43	5 9	16 48	12 0	9 18
M 7	4 0	17 25	5 14	15 14	2 5	7 6	0 10	22 19	1 35	3 48	1 41	17 36	1 42	0 14	0 45	4 30	1 29	28 33	8 19	4 43	5 8	16 48	12 1	9 17
T 8	3 36	15 25	4 59	14 48	2 9	7 37	0 7	22 25	1 35	3 51	1 41	17 37	1 42	0 15	0 45	4 29	1 29	28 33	8 19	4 42	5 6	16 49	12 2	9 17
W 9	3 13	12 34	4 28	14 21	2 12	8 7	0 4	22 32	1 35	3 54	1 41	17 38	1 42	0 16	0 45	4 28	1 29	28 33	8 19	4 41	5 5	16 50	12 3	9 16
T 10	2 49	9 6	3 42	13 53	2 15	8 37	0 1	22 38	1 35	3 57	1 41	17 39	1 42	0 17	0 45	4 27	1 29	28 33	8 19	4 40	5 4	16 51	12 4	9 15
F 11	2 26	5 15	2 45	13 23	2 18	9 7	0n 2	22 45	1 35	4 0	1 41	17 40	1 42	0 18	0 45	4 26	1 29	28 33	8 19	4 39	5 3	16 51	12 5	9 15
S 12	2 2	1 12	1 40	12 52	2 20	9 37	0 5	22 51	1 35	4 4	1 41	17 41	1 42	0 19	0 45	4 25	1 29	28 33	8 19	4 38	5 2	16 52	12 6	9 14
S 13	1 39	2n50	0 32	12 20	2 21	10 7	0 8	22 57	1 35	4 7	1 41	17 42	1 42	0 20	0 45	4 24	1 29	28 33	8 18	4 38	5 0	16 53	12 6	9 13
M14	1 15	6 39	0s37	11 46	2 22	10 36	0 11	23 3	1 35	4 10	1 41	17 43	1 42	0 21	0 45	4 24	1 29	28 33	8 18	4 38	4 59	16 54	12 7	9 13
T 15	0 51	10 8	1 43	11 10	2 23	11 5	0 14	23 9	1 35	4 13	1 41	17 44	1 42	0 22	0 45	4 23	1 29	28 33	8 18	4 38	4 58	16 54	12 8	9 12
W16	0 28	13 8	2 43	10 33	2 23	11 34	0 17	23 14	1 34	4 16	1 41	17 44	1 42	0 23	0 45	4 22	1 29	28 33	8 18	4 38	4 57	16 55	12 9	9 11
T 17	0 4	15 32	3 36	9 55	2 23	12 2	0 20	23 20	1 34	4 19	1 41	17 45	1 42	0 24	0 45	4 21	1 29	28 33	8 18	4 39	4 55	16 56	12 10	9 10
F 18	0n19	17 16	4 19	9 16	2 22	12 31	0 23	23 25	1 34	4 22	1 41	17 46	1 42	0 25	0 45	4 20	1 29	28 33	8 18	4 39	4 54	16 57	12 11	9 10
S 19	0 43	18 15	4 51	8 35	2 20	12 59	0 26	23 31	1 34	4 25	1 41	17 47	1 42	0 26	0 45	4 19	1 29	28 33	8 18	4 40	4 53	16 57	12 12	9 9
S 20	1 6	18 25	5 11	7 53	2 18	13 26	0 29	23 36	1 34	4 28	1 41	17 47	1 42	0 27	0 45	4 18	1 30	28 33	8 18	4 40	4 52	16 58	12 12	9 8
M21	1 30	17 46	5 17	7 9	2 16	13 54	0 32	23 41	1 34	4 31	1 41	17 48	1 42	0 28	0 45	4 17	1 30	28 33	8 17	4 40	4 50	16 59	12 13	9 7
T 22	1 53	16 17	5 9	6 25	2 13	14 21	0 35	23 46	1 34	4 34	1 40	17 49	1 41	0 29	0 45	4 16	1 30	28 33	8 17	4 40	4 49	16 59	12 14	9 7
W23	2 17	13 59	4 46	5 38	2 9	14 47	0 38	23 50	1 34	4 37	1 40	17 49	1 41	0 30	0 45	4 16	1 30	28 33	8 17	4 39	4 48	17 0	12 15	9 6
T 24	2 40	10 56	4 9	4 51	2 5	15 14	0 41	23 55	1 34	4 39	1 40	17 50	1 41	0 31	0 45	4 15	1 30	28 33	8 17	4 39	4 47	17 1	12 16	9 5
F 25	3 3	7 14	3 16	4 2	2 1	15 40	0 44	24 0	1 34	4 42	1 40	17 51	1 41	0 32	0 45	4 14	1 30	28 33	8 17	4 39	4 45	17 2	12 16	9 4
S 26	3 27	3 3	2 11	3 13	1 56	16 5	0 47	24 4	1 33	4 45	1 40	17 51	1 41	0 33	0 45	4 13	1 30	28 33	8 17	4 39	4 44	17 2	12 17	9 4
S 27	3 50	1s25	0 57	2 22	1 50	16 30	0 50	24 8	1 33	4 48	1 40	17 52	1 41	0 34	0 45	4 12	1 30	28 33	8 17	4 39	4 43	17 3	12 18	9 3
M28	4 13	5 54	0n23	1 30	1 44	16 55	0 54	24 12	1 33	4 50	1 40	17 52	1 41	0 35	0 45	4 11	1 30	28 32	8 16	4 39	4 42	17 4	12 19	9 2
T 29	4 36	10 6	1 42	0 37	1 38	17 19	0 57	24 16	1 33	4 53	1 40	17 52	1 41	0 36	0 45	4 10	1 30	28 32	8 16	4 39	4 40	17 4	12 19	9 1
W30	4 59	13 42	2 55	0n18	1 30	17 43	1 0	24 20	1 33	4 56	1 40	17 53	1 41	0 37	0 45	4 10	1 30	28 32	8 16	4 39	4 39	17 5	12 20	9 1
T 31	5n22	16s24	3n57	1n13	1s23	18n 7	1n 3	24n24	1n33	4n58	1n40	17n53	1n41	0n38	0n45	4s 9	1s30	28n32	8n16	4s39	4s38	17n 6	12n21	9s 0

Julian Day Number = 1981175.5, Delta T = 58m58s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'07, Lahiri = 5°55'07 Julian Calendar 1 March 712 == Greg. Calendar 5 March 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

APRIL 712 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 50 36	14♈28'04	14♐29	8♈14	18♉30	16♊31	21°R15	15°R32	0°R 5	23♓ 5	29°R10	11°R40	11♎35	4♊12	25♋28	F 1
S 2	12 54 33	15°26'24	28°54	10°18	19°41	17° 6	21♍ 9	15♌31	0♎ 3	23° 8	29♋10	11♎39	11°31	4°19	25°29	S 2
S 3	12 58 29	16°24'42	13♑ 3	12°22	20°52	17°41	21° 2	15°29	0° 0	23°10	29°10	11°D39	11°28	4°25	25°29	S 3
M 4	13 2 26	17°22'58	26°55	14°28	22° 4	18°16	20°56	15°28	29♍58	23°12	29°10	11°39	11°25	4°32	25°30	M 4
T 5	13 6 23	18°21'13	10♒31	16°35	23°15	18°51	20°50	15°27	29°55	23°14	29°10	11°40	11°22	4°39	25°31	T 5
W 6	13 10 19	19°19'27	23°49	18°43	24°26	19°26	20°44	15°27	29°53	23°16	29°10	11°40	11°19	4°45	25°32	W 6
T 7	13 14 16	20°17'39	6♓51	20°52	25°37	20° 1	20°38	15°26	29°51	23°18	29°10	11°41	11°16	4°52	25°33	T 7
F 8	13 18 12	21°15'49	19°39	23° 1	26°48	20°36	20°32	15°25	29°48	23°20	29°D10	11°42	11°12	4°59	25°35	F 8
S 9	13 22 9	22°13'57	2♈14	25°11	27°59	21°11	20°26	15°25	29°46	23°22	29°10	11°42	11° 9	5° 6	25°36	S 9
S 10	13 26 5	23°12'04	14°38	27°20	29° 9	21°46	20°21	15°24	29°44	23°24	29°10	11°R42	11° 6	5°12	25°37	S 10
M11	13 30 2	24°10'10	26°51	29°29	0♊20	22°21	20°15	15°24	29°41	23°26	29°10	11°42	11° 3	5°19	25°39	M11
T 12	13 33 58	25° 8'13	8♉56	1♉38	1°30	22°56	20°10	15°24	29°39	23°28	29°10	11°41	11° 0	5°26	25°41	T 12
W13	13 37 55	26° 6'15	20°53	3°46	2°41	23°31	20° 5	15°23	29°37	23°30	29°10	11°39	10°56	5°32	25°42	W13
T 14	13 41 51	27° 4'15	2♊46	5°53	3°51	24° 7	20° 0	15°D23	29°35	23°32	29°10	11°37	10°53	5°39	25°44	T 14
F 15	13 45 48	28° 2'13	14°37	7°58	5° 2	24°42	19°55	15°24	29°32	23°34	29°10	11°34	10°50	5°46	25°46	F 15
S 16	13 49 45	29° 0'10	26°28	10° 2	6°12	25°17	19°50	15°24	29°30	23°36	29°11	11°32	10°47	5°52	25°48	S 16
S 17	13 53 41	29°58'04	8♋24	12° 3	7°22	25°53	19°46	15°24	29°28	23°38	29°11	11°30	10°44	5°59	25°50	S 17
M18	13 57 38	0♉55'57	20°28	14° 3	8°32	26°28	19°42	15°24	29°26	23°40	29°11	11°29	10°41	6° 6	25°52	M18
T 19	14 1 34	1°53'48	2♌45	16° 0	9°42	27° 3	19°37	15°25	29°24	23°42	29°11	11°D28	10°37	6°12	25°54	T 19
W20	14 5 31	2°51'38	15°18	17°54	10°52	27°39	19°33	15°26	29°22	23°44	29°12	11°29	10°34	6°19	25°57	W20
T 21	14 9 27	3°49'25	28°13	19°46	12° 1	28°14	19°29	15°26	29°20	23°46	29°12	11°30	10°31	6°26	25°59	T 21
F 22	14 13 24	4°47'10	11♍32	21°35	13°11	28°50	19°26	15°27	29°18	23°47	29°13	11°32	10°28	6°33	26° 2	F 22
S 23	14 17 20	5°44'54	25°17	23°21	14°20	29°25	19°22	15°28	29°16	23°49	29°13	11°33	10°25	6°39	26° 4	S 23
S 24	14 21 17	6°42'37	9♎29	25° 4	15°30	0♋ 1	19°19	15°29	29°14	23°51	29°13	11°R33	10°22	6°46	26° 7	S 24
M25	14 25 14	7°40'17	24° 5	26°43	16°39	0°37	19°16	15°30	29°12	23°53	29°14	11°33	10°18	6°53	26°10	M25
T 26	14 29 10	8°37'56	9♏ 0	28°19	17°48	1°12	19°13	15°31	29°11	23°54	29°14	11°31	10°15	6°59	26°12	T 26
W27	14 33 7	9°35'34	24° 5	29°52	18°57	1°48	19°10	15°33	29° 9	23°56	29°15	11°28	10°12	7° 6	26°15	W27
T 28	14 37 3	10°33'11	9♐11	1♊22	20° 6	2°23	19° 7	15°34	29° 7	23°58	29°15	11°25	10° 9	7°13	26°18	T 28
F 29	14 41 0	11°30'47	24°10	2°48	21°15	2°59	19° 4	15°36	29° 6	24° 0	29°16	11°21	10° 6	7°19	26°21	F 29
S 30	14 44 56	12♉28'21	8♑53	4♊11	22♊24	3♋35	19♍ 2	15♌37	29♍ 4	24♓ 1	29♋17	11♎17	10♎ 2	7♊26	26♋24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n44	18s 1	4n43	2n 9	1s15	18n30	1n 5	24n27	1n33	5n 1	1n40	17n54	1n41	0n39	0n45	4s 8	1s30	28n32	8n16	4s38	4s37	17n 6	12n21	8s59
S 2	6 7	18 26	5 10	3 5	1 6	18 52	1 8	24 30	1 33	5 3	1 39	17 54	1 41	0 40	0 45	4 7	1 30	28 32	8 16	4 38	4 35	17 7	12 22	8 58
S 3	6 30	17 42	5 17	4 3	0 57	19 15	1 11	24 34	1 32	5 6	1 39	17 54	1 41	0 41	0 45	4 6	1 30	28 32	8 16	4 38	4 34	17 8	12 23	8 57
M 4	6 52	15 54	5 6	5 0	0 48	19 36	1 14	24 37	1 32	5 8	1 39	17 54	1 40	0 42	0 45	4 5	1 30	28 32	8 15	4 38	4 33	17 9	12 23	8 57
T 5	7 15	13 16	4 38	5 58	0 38	19 57	1 17	24 40	1 32	5 10	1 39	17 55	1 40	0 43	0 45	4 5	1 30	28 32	8 15	4 38	4 32	17 9	12 24	8 56
W 6	7 37	9 58	3 56	6 57	0 28	20 18	1 20	24 42	1 32	5 13	1 39	17 55	1 40	0 44	0 45	4 4	1 30	28 31	8 15	4 39	4 30	17 10	12 24	8 55
T 7	7 59	6 15	3 2	7 55	0 18	20 38	1 23	24 45	1 32	5 15	1 39	17 55	1 40	0 45	0 45	4 3	1 30	28 31	8 15	4 39	4 29	17 11	12 25	8 54
F 8	8 21	2 18	1 59	8 53	0 8	20 58	1 26	24 47	1 32	5 17	1 39	17 55	1 40	0 46	0 45	4 2	1 30	28 31	8 15	4 39	4 28	17 11	12 26	8 54
S 9	8 43	1n42	0 52	9 51	0n 3	21 17	1 28	24 50	1 31	5 19	1 38	17 55	1 40	0 47	0 45	4 1	1 30	28 31	8 15	4 40	4 27	17 12	12 26	8 53
S 10	9 5	5 33	0s16	10 48	0 14	21 35	1 31	24 52	1 31	5 21	1 38	17 55	1 40	0 48	0 45	4 1	1 30	28 31	8 14	4 40	4 25	17 13	12 27	8 52
M11	9 26	9 8	1 23	11 45	0 24	21 53	1 34	24 54	1 31	5 23	1 38	17 55	1 40	0 48	0 45	4 0	1 30	28 31	8 14	4 39	4 24	17 13	12 27	8 51
T 12	9 48	12 17	2 25	12 40	0 35	22 10	1 36	24 56	1 31	5 25	1 38	17 55	1 40	0 49	0 45	3 59	1 30	28 31	8 14	4 39	4 23	17 14	12 28	8 50
W13	10 9	14 53	3 20	13 34	0 45	22 27	1 39	24 57	1 31	5 27	1 38	17 55	1 40	0 50	0 45	3 58	1 30	28 30	8 14	4 38	4 22	17 15	12 28	8 50
T 14	10 30	16 50	4 6	14 27	0 56	22 43	1 41	24 59	1 31	5 29	1 37	17 55	1 40	0 51	0 45	3 58	1 30	28 30	8 14	4 37	4 20	17 15	12 29	8 49
F 15	10 51	18 3	4 41	15 18	1 6	22 59	1 44	25 0	1 30	5 30	1 37	17 55	1 39	0 52	0 45	3 57	1 30	28 30	8 14	4 36	4 19	17 16	12 29	8 48
S 16	11 12	18 29	5 5	16 7	1 15	23 14	1 46	25 1	1 30	5 32	1 37	17 55	1 39	0 53	0 45	3 56	1 30	28 30	8 13	4 35	4 18	17 16	12 29	8 47
S 17	11 32	18 6	5 15	16 54	1 25	23 28	1 49	25 2	1 30	5 34	1 37	17 54	1 39	0 54	0 45	3 55	1 30	28 30	8 13	4 35	4 17	17 17	12 30	8 47
M18	11 53	16 54	5 12	17 39	1 33	23 42	1 51	25 3	1 30	5 35	1 37	17 54	1 39	0 54	0 45	3 55	1 30	28 29	8 13	4 34	4 15	17 18	12 30	8 46
T 19	12 13	14 54	4 54	18 21	1 41	23 55	1 53	25 4	1 30	5 37	1 36	17 54	1 39	0 55	0 44	3 54	1 30	28 29	8 13	4 34	4 14	17 18	12 30	8 45
W20	12 33	12 11	4 22	19 2	1 49	24 8	1 55	25 4	1 30	5 38	1 36	17 54	1 39	0 56	0 44	3 53	1 30	28 29	8 13	4 34	4 13	17 19	12 31	8 44
T 21	12 53	8 47	3 37	19 40	1 56	24 20	1 57	25 5	1 29	5 39	1 36	17 53	1 39	0 57	0 44	3 53	1 30	28 29	8 13	4 35	4 11	17 20	12 31	8 44
F 22	13 12	4 51	2 38	20 15	2 2	24 31	2 0	25 5	1 29	5 41	1 36	17 53	1 39	0 57	0 44	3 52	1 30	28 28	8 13	4 35	4 10	17 20	12 31	8 43
S 23	13 32	0 32	1 28	20 48	2 8	24 41	2 2	25 5	1 29	5 42	1 36	17 53	1 39	0 58	0 44	3 51	1 30	28 28	8 12	4 36	4 9	17 21	12 32	8 42
S 24	13 51	3s58	0 11	21 18	2 12	24 51	2 4	25 5	1 29	5 43	1 35	17 52	1 39	0 59	0 44	3 50	1 30	28 28	8 12	4 36	4 8	17 22	12 32	8 41
M25	14 10	8 21	1n 8	21 46	2 16	25 0	2 5	25 5	1 29	5 44	1 35	17 52	1 38	1 0	0 44	3 50	1 31	28 28	8 12	4 36	4 6	17 22	12 32	8 41
T 26	14 29	12 18	2 25	22 11	2 20	25 9	2 7	25 4	1 28	5 45	1 35	17 51	1 38	1 0	0 44	3 49	1 31	28 27	8 12	4 35	4 5	17 23	12 32	8 40
W27	14 47	15 29	3 32	22 34	2 22	25 17	2 9	25 4	1 28	5 46	1 35	17 51	1 38	1 1	0 44	3 49	1 31	28 27	8 12	4 34	4 4	17 23	12 33	8 39
T 28	15 5	17 37	4 25	22 55	2 24	25 24	2 11	25 3	1 28	5 47	1 34	17 50	1 38	1 2	0 44	3 48	1 31	28 27	8 12	4 33	4 3	17 24	12 33	8 38
F 29	15 23	18 30	4 59	23 13	2 24	25 31	2 12	25 2	1 28	5 48	1 34	17 50	1 38	1 2	0 44	3 47	1 31	28 27	8 11	4 31	4 1	17 25	12 33	8 38
S 30	15n41	18s 6	5n13	23n29	2n24	25n36	2n14	25n 1	1n28	5n48	1n34	17n49	1n38	1n 3	0n44	3s47	1s31	28n26	8n11	4s30	4s 0	17n25	12n33	8s37

Julian Day Number = 1981206.5, Delta T = 58m57s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'11, Lahiri = 5°55'12 Julian Calendar 1 Apr. 712 == Greg. Calendar 5 Apr. 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

MAY 712 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 48 53	13♉25'55	23♋15	5♊30	23♊32	4♋11	19°R 0	15♌39	29°R 2	24♓ 3	29♋17	11°R14	9♎59	7♊33	26♋28	S 1
M 2	14 52 49	14°23'27	7♒12	6°46	24°41	4°46	18♍58	15°41	29♍ 1	24° 5	29°18	11♎13	9°56	7°40	26°31	M 2
T 3	14 56 46	15°20'59	20°45	7°59	25°49	5°22	18°56	15°43	28°59	24° 6	29°19	11°D13	9°53	7°46	26°34	T 3
W 4	15 0 43	16°18'30	3♓54	9° 7	26°57	5°58	18°54	15°45	28°58	24° 8	29°19	11°14	9°50	7°53	26°38	W 4
T 5	15 4 39	17°16'00	16°44	10°12	28° 5	6°34	18°53	15°47	28°56	24° 9	29°20	11°15	9°47	8° 0	26°41	T 5
F 6	15 8 36	18°13'28	29°17	11°13	29°13	7°10	18°52	15°49	28°55	24°11	29°21	11°17	9°43	8° 6	26°45	F 6
S 7	15 12 32	19°10'56	11♈37	12°10	0♌21	7°46	18°51	15°52	28°54	24°12	29°22	11°R17	9°40	8°13	26°49	S 7
S 8	15 16 29	20° 8'24	23°46	13° 4	1°28	8°22	18°50	15°54	28°52	24°14	29°22	11°16	9°37	8°20	26°53	S 8
M 9	15 20 25	21° 5'50	5♉47	13°53	2°36	8°58	18°49	15°57	28°51	24°15	29°23	11°14	9°34	8°26	26°56	M 9
T 10	15 24 22	22° 3'15	17°43	14°39	3°43	9°34	18°48	15°59	28°50	24°17	29°24	11° 9	9°31	8°33	27° 0	T 10
W11	15 28 18	23° 0'40	29°36	15°20	4°50	10°10	18°48	16° 2	28°49	24°18	29°25	11° 3	9°28	8°40	27° 4	W11
T 12	15 32 15	23°58'03	11♊27	15°57	5°58	10°46	18°48	16° 5	28°47	24°19	29°26	10°55	9°24	8°47	27° 8	T 12
F 13	15 36 12	24°55'26	23°18	16°30	7° 4	11°22	18°D48	16° 8	28°46	24°21	29°27	10°47	9°21	8°53	27°12	F 13
S 14	15 40 8	25°52'47	5♌11	16°58	8°11	11°58	18°48	16°11	28°45	24°22	29°28	10°39	9°18	9° 0	27°17	S 14
S 15	15 44 5	26°50'08	17° 9	17°22	9°18	12°35	18°48	16°14	28°44	24°23	29°29	10°32	9°15	9° 7	27°21	S 15
M16	15 48 1	27°47'27	29°14	17°42	10°24	13°11	18°49	16°17	28°43	24°24	29°30	10°26	9°12	9°13	27°25	M16
T 17	15 51 58	28°44'46	11♌30	17°57	11°30	13°47	18°50	16°20	28°43	24°26	29°31	10°23	9° 8	9°20	27°30	T 17
W18	15 55 54	29°42'03	24° 1	18° 7	12°36	14°23	18°50	16°24	28°42	24°27	29°32	10°D21	9° 5	9°27	27°34	W18
T 19	15 59 51	0♊39'20	6♍50	18°13	13°42	14°59	18°52	16°27	28°41	24°28	29°33	10°21	9° 2	9°34	27°39	T 19
F 20	16 3 47	1°36'35	20° 3	18°R14	14°48	15°36	18°53	16°31	28°40	24°29	29°34	10°22	8°59	9°40	27°43	F 20
S 21	16 7 44	2°33'49	3♎42	18°11	15°53	16°12	18°54	16°34	28°40	24°30	29°35	10°R23	8°56	9°47	27°48	S 21
S 22	16 11 41	3°31'03	17°48	18° 3	16°59	16°48	18°56	16°38	28°39	24°31	29°36	10°23	8°53	9°54	27°53	S 22
M23	16 15 37	4°28'16	2♏21	17°51	18° 4	17°25	18°58	16°42	28°38	24°32	29°37	10°21	8°49	10° 0	27°58	M23
T 24	16 19 34	5°25'28	17°18	17°35	19° 9	18° 1	19° 0	16°46	28°38	24°33	29°39	10°17	8°46	10° 7	28° 2	T 24
W25	16 23 30	6°22'39	2♐30	17°15	20°13	18°38	19° 2	16°50	28°37	24°34	29°40	10°11	8°43	10°14	28° 7	W25
T 26	16 27 27	7°19'50	17°49	16°52	21°18	19°14	19° 4	16°54	28°37	24°35	29°41	10° 3	8°40	10°20	28°12	T 26
F 27	16 31 23	8°17'01	3♑ 2	16°26	22°22	19°51	19° 6	16°58	28°36	24°36	29°42	9°55	8°37	10°27	28°17	F 27
S 28	16 35 20	9°14'11	18° 0	15°56	23°26	20°27	19° 9	17° 2	28°36	24°37	29°44	9°47	8°34	10°34	28°22	S 28
S 29	16 39 16	10°11'21	2♒35	15°25	24°29	21° 4	19°12	17° 7	28°36	24°38	29°45	9°40	8°30	10°41	28°28	S 29
M30	16 43 13	11° 8'31	16°41	14°52	25°33	21°40	19°15	17°11	28°36	24°39	29°46	9°36	8°27	10°47	28°33	M30
T 31	16 47 10	12♊ 5'40	0♓19	14♊17	26♋36	22♋17	19♍18	17♌15	28♍35	24♓40	29♋47	9♎33	8♎24	10♊54	28♋38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n59	16s33	5n 6	23n43	2n23	25n41	2n15	25n 0	1n27	5n49	1n34	17n49	1n38	1n 4	0n44	3s46	1s31	28n26	8n11	4s28	3s59	17n26	12n33	8s36
M 2	16 16	14 4	4 41	23 55	2 22	25 46	2 16	24 58	1 27	5 50	1 33	17 48	1 38	1 4	0 44	3 45	1 31	28 26	8 11	4 28	3 58	17 26	12 33	8 36
T 3	16 33	10 52	4 2	24 4	2 19	25 50	2 18	24 56	1 27	5 50	1 33	17 47	1 38	1 5	0 44	3 45	1 31	28 25	8 11	4 28	3 56	17 27	12 33	8 35
W 4	16 50	7 12	3 10	24 12	2 15	25 53	2 19	24 55	1 27	5 50	1 33	17 46	1 38	1 5	0 44	3 44	1 31	28 25	8 11	4 28	3 55	17 28	12 33	8 34
T 5	17 6	3 17	2 10	24 17	2 11	25 55	2 20	24 53	1 26	5 51	1 33	17 46	1 37	1 6	0 44	3 44	1 31	28 25	8 11	4 29	3 54	17 28	12 33	8 34
F 6	17 22	0n42	1 5	24 21	2 6	25 57	2 21	24 51	1 26	5 51	1 32	17 45	1 37	1 6	0 44	3 43	1 31	28 24	8 10	4 29	3 53	17 29	12 33	8 33
S 7	17 38	4 36	0s 2	24 23	2 0	25 58	2 22	24 48	1 26	5 51	1 32	17 44	1 37	1 7	0 44	3 43	1 31	28 24	8 10	4 30	3 51	17 29	12 33	8 32
S 8	17 54	8 14	1 7	24 23	1 53	25 58	2 22	24 46	1 26	5 51	1 32	17 43	1 37	1 7	0 44	3 42	1 31	28 24	8 10	4 29	3 50	17 30	12 33	8 31
M 9	18 9	11 31	2 9	24 21	1 45	25 58	2 23	24 43	1 26	5 51	1 32	17 42	1 37	1 8	0 44	3 41	1 31	28 24	8 10	4 28	3 49	17 31	12 33	8 31
T 10	18 24	14 17	3 5	24 18	1 36	25 56	2 24	24 40	1 25	5 51	1 31	17 42	1 37	1 8	0 44	3 41	1 31	28 23	8 10	4 26	3 48	17 31	12 33	8 30
W11	18 39	16 26	3 52	24 14	1 27	25 55	2 24	24 37	1 25	5 51	1 31	17 41	1 37	1 9	0 44	3 40	1 31	28 23	8 10	4 24	3 46	17 32	12 33	8 30
T 12	18 54	17 52	4 29	24 7	1 16	25 52	2 24	24 34	1 25	5 51	1 31	17 40	1 37	1 9	0 44	3 40	1 31	28 23	8 10	4 21	3 45	17 32	12 33	8 29
F 13	19 8	18 32	4 54	24 0	1 5	25 49	2 25	24 31	1 25	5 51	1 31	17 39	1 37	1 10	0 44	3 39	1 31	28 22	8 9	4 18	3 44	17 33	12 33	8 28
S 14	19 21	18 24	5 7	23 51	0 53	25 45	2 25	24 28	1 24	5 51	1 30	17 38	1 37	1 10	0 44	3 39	1 31	28 22	8 9	4 15	3 43	17 33	12 33	8 28
S 15	19 35	17 26	5 6	23 40	0 40	25 41	2 25	24 24	1 24	5 50	1 30	17 37	1 36	1 10	0 44	3 39	1 31	28 22	8 9	4 12	3 41	17 34	12 32	8 27
M16	19 48	15 42	4 52	23 29	0 27	25 36	2 25	24 20	1 24	5 50	1 30	17 36	1 36	1 11	0 44	3 38	1 32	28 21	8 9	4 10	3 40	17 35	12 32	8 26
T 17	20 1	13 13	4 24	23 16	0 13	25 30	2 25	24 16	1 24	5 49	1 30	17 35	1 36	1 11	0 44	3 38	1 32	28 21	8 9	4 8	3 39	17 35	12 32	8 26
W18	20 13	10 6	3 43	23 2	0s 2	25 24	2 24	24 12	1 23	5 49	1 29	17 33	1 36	1 11	0 43	3 37	1 32	28 20	8 9	4 8	3 38	17 36	12 32	8 25
T 19	20 26	6 25	2 51	22 48	0 17	25 17	2 24	24 8	1 23	5 48	1 29	17 32	1 36	1 11	0 43	3 37	1 32	28 20	8 9	4 8	3 36	17 36	12 31	8 25
F 20	20 37	2 19	1 47	22 32	0 33	25 9	2 23	24 3	1 23	5 47	1 29	17 31	1 36	1 12	0 43	3 36	1 32	28 20	8 9	4 8	3 35	17 37	12 31	8 24
S 21	20 49	2s 2	0 36	22 15	0 49	25 1	2 23	23 59	1 23	5 46	1 28	17 30	1 36	1 12	0 43	3 36	1 32	28 19	8 8	4 8	3 34	17 37	12 31	8 23
S 22	21 0	6 25	0n40	21 58	1 6	24 52	2 22	23 54	1 22	5 46	1 28	17 29	1 36	1 12	0 43	3 36	1 32	28 19	8 8	4 8	3 33	17 38	12 30	8 23
M23	21 11	10 34	1 55	21 41	1 22	24 42	2 21	23 49	1 22	5 45	1 28	17 28	1 36	1 12	0 43	3 35	1 32	28 19	8 8	4 8	3 31	17 38	12 30	8 22
T 24	21 21	14 10	3 5	21 22	1 39	24 32	2 20	23 44	1 22	5 44	1 28	17 26	1 36	1 13	0 43	3 35	1 32	28 18	8 8	4 6	3 30	17 39	12 30	8 22
W25	21 31	16 51	4 2	21 4	1 56	24 21	2 19	23 39	1 22	5 43	1 27	17 25	1 36	1 13	0 43	3 35	1 32	28 18	8 8	4 4	3 29	17 39	12 29	8 21
T 26	21 41	18 21	4 43	20 45	2 13	24 10	2 17	23 33	1 21	5 41	1 27	17 24	1 36	1 13	0 43	3 34	1 32	28 18	8 8	4 0	3 27	17 40	12 29	8 21
F 27	21 50	18 31	5 3	20 26	2 29	23 58	2 16	23 28	1 21	5 40	1 27	17 22	1 35	1 13	0 43	3 34	1 32	28 17	8 8	3 57	3 26	17 40	12 28	8 20
S 28	21 59	17 24	5 2	20 8	2 45	23 46	2 15	23 22	1 21	5 39	1 27	17 21	1 35	1 13	0 43	3 34	1 32	28 17	8 8	3 54	3 25	17 41	12 28	8 20
S 29	22 8	15 9	4 41	19 49	3 0	23 33	2 13	23 16	1 21	5 38	1 26	17 20	1 35	1 13	0 43	3 33	1 32	28 16	8 8	3 51	3 24	17 42	12 28	8 19
M30	22 16	12 4	4 4	19 31	3 14	23 19	2 11	23 10	1 20	5 36	1 26	17 18	1 35	1 13	0 43	3 33	1 32	28 16	8 7	3 50	3 22	17 42	12 27	8 19
T 31	22n24	8s25	3n14	19n14	3s28	23n 5	2n 9	23n 4	1n20	5n35	1n26	17n17	1n35	1n13	0n43	3s33	1s32	28n16	8n 7	3s49	3s21	17n43	12n26	8s18

Julian Day Number = 1981236.5, Delta T = 58m57s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'15, Lahiri = 5°55'16 Julian Calendar 1 May 712 == Greg. Calendar 5 May 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

JUNE 712 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 51 6	13♊ 2'50	13♓29	13°R43	27♋39	22♋53	19♍21	17♌20	28°R35	24♓41	29♋49	9°D32	8♎21	11♊ 1	28♋43	W 1
T 2	16 55 3	14° 0'00	26°15	13♊ 8	28°42	23°30	19°25	17°25	28♍35	24°41	29°50	9♎33	8°18	11° 7	28°49	T 2
F 3	16 58 59	14°57'09	8♈42	12°33	29°44	24° 7	19°28	17°29	28°D35	24°42	29°52	9°R33	8°14	11°14	28°54	F 3
S 4	17 2 56	15°54'19	20°54	12° 0	0♌46	24°43	19°32	17°34	28°35	24°43	29°53	9°33	8°11	11°21	29° 0	S 4
S 5	17 6 52	16°51'29	2♉55	11°28	1°48	25°20	19°36	17°39	28°35	24°43	29°54	9°30	8° 8	11°28	29° 5	S 5
M 6	17 10 49	17°48'39	14°49	10°59	2°50	25°57	19°40	17°44	28°36	24°44	29°56	9°25	8° 5	11°34	29°11	M 6
T 7	17 14 45	18°45'49	26°40	10°33	3°51	26°34	19°45	17°49	28°36	24°45	29°57	9°17	8° 2	11°41	29°16	T 7
W 8	17 18 42	19°42'59	8♊31	10°10	4°52	27°10	19°49	17°54	28°36	24°45	29°59	9° 7	7°59	11°48	29°22	W 8
T 9	17 22 39	20°40'09	20°22	9°50	5°53	27°47	19°54	17°59	28°36	24°46	0♌ 0	8°55	7°55	11°54	29°28	T 9
F 10	17 26 35	21°37'19	2♋16	9°35	6°53	28°24	19°58	18° 4	28°37	24°46	0° 2	8°42	7°52	12° 1	29°33	F 10
S 11	17 30 32	22°34'29	14°14	9°24	7°53	29° 1	20° 3	18° 9	28°37	24°47	0° 3	8°30	7°49	12° 8	29°39	S 11
S 12	17 34 28	23°31'39	26°17	9°17	8°53	29°38	20° 8	18°15	28°38	24°47	0° 5	8°18	7°46	12°15	29°45	S 12
M13	17 38 25	24°28'49	8♌29	9°D16	9°52	0♌15	20°14	18°20	28°38	24°47	0° 6	8° 9	7°43	12°21	29°51	M13
T 14	17 42 21	25°25'59	20°49	9°19	10°51	0°52	20°19	18°26	28°39	24°48	0° 8	8° 2	7°39	12°28	29°57	T 14
W15	17 46 18	26°23'09	3♍22	9°27	11°50	1°29	20°24	18°31	28°39	24°48	0° 9	7°58	7°36	12°35	0♌ 3	W15
T 16	17 50 15	27°20'18	16°12	9°41	12°48	2° 6	20°30	18°37	28°40	24°48	0°11	7°56	7°33	12°41	0° 9	T 16
F 17	17 54 11	28°17'28	29°20	9°59	13°46	2°43	20°36	18°42	28°41	24°49	0°13	7°D55	7°30	12°48	0°15	F 17
S 18	17 58 8	29°14'37	12♎52	10°23	14°43	3°20	20°42	18°48	28°41	24°49	0°14	7°R55	7°27	12°55	0°21	S 18
S 19	18 2 4	0♋11'47	26°48	10°52	15°40	3°57	20°48	18°54	28°42	24°49	0°16	7°55	7°24	13° 1	0°27	S 19
M20	18 6 1	1° 8'56	11♏11	11°26	16°36	4°34	20°54	19° 0	28°43	24°49	0°18	7°52	7°20	13° 8	0°33	M20
T 21	18 9 57	2° 6'06	25°57	12° 6	17°32	5°11	21° 0	19° 6	28°44	24°49	0°19	7°46	7°17	13°15	0°40	T 21
W22	18 13 54	3° 3'16	11♐ 1	12°51	18°27	5°48	21° 7	19°11	28°45	24°49	0°21	7°39	7°14	13°22	0°46	W22
T 23	18 17 50	4° 0'27	26°15	13°40	19°22	6°25	21°14	19°18	28°46	24°50	0°23	7°29	7°11	13°28	0°52	T 23
F 24	18 21 47	4°57'37	11♑28	14°35	20°17	7° 3	21°20	19°24	28°47	24°50	0°24	7°18	7° 8	13°35	0°58	F 24
S 25	18 25 44	5°54'49	26°30	15°35	21°10	7°40	21°27	19°30	28°48	24°R50	0°26	7° 8	7° 5	13°42	1° 5	S 25
S 26	18 29 40	6°52'00	11♒10	16°40	22° 4	8°17	21°34	19°36	28°49	24°50	0°28	6°59	7° 1	13°48	1°11	S 26
M27	18 33 37	7°49'13	25°23	17°49	22°56	8°55	21°42	19°42	28°51	24°50	0°29	6°52	6°58	13°55	1°18	M27
T 28	18 37 33	8°46'26	9♓ 6	19° 3	23°48	9°32	21°49	19°48	28°52	24°49	0°31	6°48	6°55	14° 2	1°24	T 28
W29	18 41 30	9°43'40	22°21	20°22	24°40	10° 9	21°56	19°55	28°53	24°49	0°33	6°46	6°52	14° 9	1°30	W29
T 30	18 45 26	10♋40'55	5♈ 9	21♊46	25♌31	10♌47	22♍ 4	20♌ 1	28♍55	24♓49	0♌35	6♎46	6♎49	14♊15	1♌37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n31	4s28	2n15	18n58	3s40	22n51	2n 7	22n57	1n20	5n33	1n26	17n15	1n35	1n13	0n43	3s32	1s32	28n15	8n 7	3s48	3s20	17n43	12n26	8s18
T 2	22 38	0 25	1 10	18 42	3 51	22 36	2 5	22 51	1 20	5 32	1 25	17 14	1 35	1 13	0 43	3 32	1 32	28 15	8 7	3 48	3 19	17 44	12 25	8 17
F 3	22 45	3n32	0 5	18 28	4 1	22 20	2 2	22 44	1 19	5 30	1 25	17 12	1 35	1 13	0 43	3 32	1 32	28 14	8 7	3 49	3 17	17 44	12 25	8 17
S 4	22 51	7 17	1s 0	18 15	4 10	22 4	2 0	22 37	1 19	5 28	1 25	17 11	1 35	1 13	0 43	3 32	1 33	28 14	8 7	3 48	3 16	17 45	12 24	8 16
S 5	22 57	10 40	2 1	18 4	4 17	21 48	1 57	22 30	1 19	5 26	1 25	17 9	1 35	1 13	0 43	3 32	1 33	28 14	8 7	3 47	3 15	17 45	12 23	8 16
M 6	23 2	13 35	2 56	17 54	4 23	21 31	1 54	22 23	1 18	5 24	1 24	17 7	1 35	1 13	0 43	3 31	1 33	28 13	8 7	3 45	3 14	17 46	12 23	8 15
T 7	23 7	15 56	3 43	17 46	4 27	21 13	1 51	22 16	1 18	5 23	1 24	17 6	1 35	1 13	0 43	3 31	1 33	28 13	8 7	3 42	3 12	17 46	12 22	8 15
W 8	23 12	17 36	4 20	17 40	4 30	20 56	1 48	22 8	1 18	5 21	1 24	17 4	1 35	1 13	0 43	3 31	1 33	28 12	8 7	3 38	3 11	17 47	12 21	8 14
T 9	23 16	18 30	4 46	17 36	4 31	20 38	1 45	22 1	1 18	5 18	1 24	17 3	1 34	1 13	0 43	3 31	1 33	28 12	8 7	3 34	3 10	17 47	12 21	8 14
F 10	23 20	18 36	4 59	17 34	4 31	20 19	1 42	21 53	1 17	5 16	1 23	17 1	1 34	1 12	0 43	3 31	1 33	28 12	8 7	3 28	3 9	17 48	12 20	8 14
S 11	23 24	17 52	5 0	17 34	4 30	20 0	1 38	21 45	1 17	5 14	1 23	16 59	1 34	1 12	0 42	3 31	1 33	28 11	8 7	3 23	3 7	17 48	12 19	8 13
S 12	23 27	16 21	4 47	17 36	4 27	19 41	1 34	21 37	1 17	5 12	1 23	16 57	1 34	1 12	0 42	3 30	1 33	28 11	8 6	3 19	3 6	17 49	12 18	8 13
M13	23 29	14 5	4 20	17 40	4 23	19 21	1 31	21 29	1 16	5 10	1 23	16 56	1 34	1 12	0 42	3 30	1 33	28 10	8 6	3 15	3 5	17 49	12 18	8 12
T 14	23 31	11 9	3 42	17 45	4 17	19 1	1 27	21 20	1 16	5 7	1 22	16 54	1 34	1 11	0 42	3 30	1 33	28 10	8 6	3 12	3 4	17 50	12 17	8 12
W15	23 33	7 40	2 52	17 53	4 11	18 41	1 22	21 12	1 16	5 5	1 22	16 52	1 34	1 11	0 42	3 30	1 33	28 10	8 6	3 11	3 2	17 50	12 16	8 12
T 16	23 35	3 46	1 52	18 2	4 4	18 20	1 18	21 3	1 16	5 2	1 22	16 50	1 34	1 11	0 42	3 30	1 33	28 9	8 6	3 10	3 1	17 50	12 15	8 11
F 17	23 36	0s26	0 45	18 13	3 55	17 59	1 13	20 54	1 15	5 0	1 22	16 49	1 34	1 10	0 42	3 30	1 33	28 9	8 6	3 10	3 0	17 51	12 14	8 11
S 18	23 36	4 43	0n26	18 26	3 46	17 38	1 9	20 46	1 15	4 57	1 21	16 47	1 34	1 10	0 42	3 30	1 33	28 8	8 6	3 10	2 58	17 51	12 13	8 11
S 19	23 36	8 53	1 38	18 40	3 36	17 16	1 4	20 36	1 15	4 55	1 21	16 45	1 34	1 10	0 42	3 30	1 33	28 8	8 6	3 10	2 57	17 52	12 12	8 10
M20	23 36	12 39	2 46	18 55	3 25	16 54	0 59	20 27	1 14	4 52	1 21	16 43	1 34	1 9	0 42	3 30	1 33	28 8	8 6	3 8	2 56	17 52	12 11	8 10
T 21	23 35	15 44	3 45	19 12	3 14	16 32	0 54	20 18	1 14	4 49	1 21	16 41	1 34	1 9	0 42	3 30	1 34	28 7	8 6	3 6	2 55	17 53	12 10	8 10
W22	23 34	17 48	4 29	19 29	3 2	16 10	0 48	20 8	1 14	4 47	1 20	16 39	1 34	1 9	0 42	3 30	1 34	28 7	8 6	3 3	2 53	17 53	12 9	8 9
T 23	23 33	18 38	4 55	19 47	2 50	15 48	0 43	19 59	1 13	4 44	1 20	16 37	1 34	1 8	0 42	3 30	1 34	28 6	8 6	2 59	2 52	17 54	12 8	8 9
F 24	23 31	18 8	5 0	20 7	2 37	15 25	0 37	19 49	1 13	4 41	1 20	16 35	1 34	1 8	0 42	3 30	1 34	28 6	8 6	2 55	2 51	17 54	12 7	8 9
S 25	23 28	16 21	4 44	20 26	2 24	15 2	0 31	19 39	1 13	4 38	1 20	16 33	1 34	1 7	0 42	3 30	1 34	28 5	8 6	2 51	2 50	17 55	12 6	8 9
S 26	23 25	13 33	4 9	20 46	2 10	14 39	0 25	19 29	1 12	4 35	1 20	16 31	1 34	1 7	0 42	3 30	1 34	28 5	8 6	2 47	2 48	17 55	12 5	8 8
M27	23 22	10 0	3 20	21 6	1 57	14 16	0 19	19 19	1 12	4 32	1 19	16 29	1 34	1 6	0 42	3 30	1 34	28 5	8 6	2 45	2 47	17 55	12 4	8 8
T 28	23 19	6 2	2 21	21 26	1 43	13 53	0 13	19 8	1 12	4 29	1 19	16 27	1 34	1 6	0 42	3 30	1 34	28 4	8 6	2 43	2 46	17 56	12 3	8 8
W29	23 15	1 54	1 16	21 46	1 29	13 29	0 6	18 58	1 11	4 26	1 19	16 25	1 33	1 5	0 42	3 30	1 34	28 4	8 6	2 42	2 45	17 56	12 2	8 8
T 30	23n10	2n12	0n 9	22n 6	1s15	13n 6	0s 1	18n47	1n11	4n22	1n19	16n23	1n33	1n 4	0n42	3s31	1s34	28n 3	8n 6	2s42	2s43	17n57	12n 1	8s 7

Julian Day Number = 1981267.5, Delta T = 58m56s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'19, Lahiri = 5°55'20 Julian Calendar 1 June 712 == Greg. Calendar 5 June 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

JULY 712 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 49 23	11♋38'11	17♈36	23♊14	26♌21	11♌24	22♍11	20♌ 7	28♍56	24°R49	0♌36	6°R46	6♎45	14♊22	1♌43	F 1
S 2	18 53 19	12°35'28	29°47	24°46	27°10	12° 1	22°19	20°14	28°58	24♓49	0°38	6♎45	6°42	14°29	1°50	S 2
S 3	18 57 16	13°32'46	11♉46	26°22	27°59	12°39	22°27	20°20	28°59	24°48	0°40	6°42	6°39	14°35	1°57	S 3
M 4	19 1 13	14°30'06	23°38	28° 3	28°47	13°16	22°35	20°27	29° 1	24°48	0°42	6°37	6°36	14°42	2° 3	M 4
T 5	19 5 9	15°27'26	5♊28	29°47	29°34	13°54	22°43	20°34	29° 2	24°48	0°44	6°29	6°33	14°49	2°10	T 5
W 6	19 9 6	16°24'47	17°19	1♋34	0♍21	14°32	22°52	20°40	29° 4	24°47	0°45	6°19	6°30	14°56	2°16	W 6
T 7	19 13 2	17°22'09	29°13	3°25	1° 6	15° 9	23° 0	20°47	29° 6	24°47	0°47	6° 7	6°26	15° 2	2°23	T 7
F 8	19 16 59	18°19'32	11♋13	5°18	1°51	15°47	23° 8	20°54	29° 7	24°47	0°49	5°53	6°23	15° 9	2°30	F 8
S 9	19 20 55	19°16'56	23°20	7°14	2°35	16°25	23°17	21° 0	29° 9	24°46	0°51	5°40	6°20	15°16	2°36	S 9
S 10	19 24 52	20°14'21	5♌34	9°12	3°18	17° 2	23°26	21° 7	29°11	24°46	0°53	5°28	6°17	15°22	2°43	S 10
M11	19 28 48	21°11'47	17°56	11°12	4° 0	17°40	23°35	21°14	29°13	24°45	0°54	5°18	6°14	15°29	2°50	M11
T 12	19 32 45	22° 9'14	0♍29	13°14	4°41	18°18	23°44	21°21	29°15	24°45	0°56	5°11	6°11	15°36	2°57	T 12
W13	19 36 42	23° 6'41	13°13	15°16	5°21	18°55	23°53	21°28	29°17	24°44	0°58	5° 7	6° 7	15°43	3° 3	W13
T 14	19 40 38	24° 4'10	26° 9	17°20	6° 0	19°33	24° 2	21°35	29°19	24°44	1° 0	5° 5	6° 4	15°49	3°10	T 14
F 15	19 44 35	25° 1'39	9♎22	19°24	6°37	20°11	24°11	21°42	29°21	24°43	1° 2	5°D 5	6° 1	15°56	3°17	F 15
S 16	19 48 31	25°59'09	22°52	21°28	7°14	20°49	24°20	21°49	29°23	24°42	1° 4	5°R 5	5°58	16° 3	3°24	S 16
S 17	19 52 28	26°56'40	6♏42	23°32	7°49	21°27	24°30	21°56	29°25	24°42	1° 5	5° 5	5°55	16° 9	3°30	S 17
M18	19 56 24	27°54'12	20°52	25°36	8°23	22° 5	24°39	22° 3	29°28	24°41	1° 7	5° 3	5°51	16°16	3°37	M18
T 19	20 0 21	28°51'45	5♐22	27°39	8°56	22°43	24°49	22°10	29°30	24°40	1° 9	4°59	5°48	16°23	3°44	T 19
W20	20 4 17	29°49'19	20° 8	29°42	9°27	23°21	24°59	22°17	29°32	24°39	1°11	4°52	5°45	16°30	3°51	W20
T 21	20 8 14	0♌46'54	5♑ 4	1♌43	9°57	23°59	25° 9	22°24	29°35	24°39	1°13	4°44	5°42	16°36	3°58	T 21
F 22	20 12 11	1°44'30	20° 1	3°44	10°25	24°37	25°19	22°32	29°37	24°38	1°15	4°34	5°39	16°43	4° 5	F 22
S 23	20 16 7	2°42'07	4♒51	5°44	10°52	25°15	25°29	22°39	29°39	24°37	1°17	4°25	5°36	16°50	4°11	S 23
S 24	20 20 4	3°39'46	19°24	7°42	11°17	25°53	25°39	22°46	29°42	24°36	1°18	4°17	5°32	16°56	4°18	S 24
M25	20 24 0	4°37'26	3♓34	9°39	11°41	26°31	25°49	22°53	29°44	24°35	1°20	4°12	5°29	17° 3	4°25	M25
T 26	20 27 57	5°35'07	17°18	11°35	12° 3	27°10	25°59	23° 1	29°47	24°34	1°22	4° 8	5°26	17°10	4°32	T 26
W27	20 31 53	6°32'51	0♈35	13°30	12°23	27°48	26° 9	23° 8	29°50	24°33	1°24	4°D 7	5°23	17°17	4°39	W27
T 28	20 35 50	7°30'35	13°27	15°23	12°41	28°26	26°20	23°15	29°52	24°32	1°26	4° 7	5°20	17°23	4°46	T 28
F 29	20 39 46	8°28'22	25°57	17°15	12°58	29° 4	26°30	23°23	29°55	24°31	1°28	4° 8	5°17	17°30	4°53	F 29
S 30	20 43 43	9°26'10	8♉ 9	19° 5	13°12	29°43	26°41	23°30	29°58	24°30	1°30	4°R 9	5°13	17°37	4°59	S 30
S 31	20 47 40	10♌24'01	20♉10	20♌54	13♍25	0♍21	26♍52	23♌37	0♎ 0	24♓29	1♌31	4♎ 8	5♎10	17♊44	5♌ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 5	6n 5	0s57	22n24	1s 1	12n42	0s 7	18n37	1n11	4n19	1n18	16n21	1n33	1n 4	0n42	3s31	1s34	28n 3	8n 6	2s42	2s42	17n57	11n59	8s 7
S 2	23 0	9 37	1 59	22 42	0 48	12 18	0 15	18 26	1 11	4 16	1 18	16 19	1 33	1 3	0 42	3 31	1 34	28 3	8 6	2 42	2 41	17 58	11 58	8 7
S 3	22 54	12 43	2 54	22 59	0 34	11 55	0 22	18 15	1 10	4 12	1 18	16 17	1 33	1 2	0 42	3 31	1 34	28 2	8 6	2 41	2 40	17 58	11 57	8 7
M 4	22 48	15 15	3 41	23 14	0 21	11 31	0 29	18 4	1 10	4 9	1 18	16 15	1 33	1 2	0 42	3 31	1 34	28 2	8 6	2 39	2 38	17 58	11 56	8 7
T 5	22 42	17 8	4 18	23 28	0 9	11 7	0 37	17 53	1 10	4 6	1 18	16 13	1 33	1 1	0 41	3 31	1 34	28 1	8 6	2 36	2 37	17 59	11 54	8 6
W 6	22 35	18 17	4 44	23 39	0n 4	10 44	0 45	17 41	1 9	4 2	1 17	16 10	1 33	1 0	0 41	3 32	1 34	28 1	8 6	2 31	2 36	17 59	11 53	8 6
T 7	22 28	18 38	4 58	23 49	0 16	10 20	0 53	17 30	1 9	3 59	1 17	16 8	1 33	1 0	0 41	3 32	1 34	28 1	8 6	2 27	2 34	18 0	11 52	8 6
F 8	22 20	18 9	4 59	23 56	0 27	9 56	1 1	17 18	1 9	3 55	1 17	16 6	1 33	0 59	0 41	3 32	1 35	28 0	8 6	2 21	2 33	18 0	11 51	8 6
S 9	22 12	16 52	4 47	24 2	0 37	9 33	1 10	17 7	1 8	3 52	1 17	16 4	1 33	0 58	0 41	3 32	1 35	28 0	8 6	2 16	2 32	18 0	11 49	8 6
S 10	22 4	14 48	4 21	24 4	0 47	9 9	1 18	16 55	1 8	3 48	1 17	16 2	1 33	0 57	0 41	3 32	1 35	27 59	8 6	2 11	2 31	18 1	11 48	8 6
M11	21 55	12 2	3 42	24 4	0 57	8 46	1 27	16 43	1 7	3 44	1 16	15 59	1 33	0 57	0 41	3 33	1 35	27 59	8 6	2 7	2 29	18 1	11 47	8 6
T 12	21 46	8 41	2 52	24 1	1 5	8 22	1 36	16 31	1 7	3 40	1 16	15 57	1 33	0 56	0 41	3 33	1 35	27 59	8 6	2 4	2 28	18 2	11 45	8 5
W13	21 37	4 54	1 53	23 56	1 13	7 59	1 45	16 19	1 7	3 37	1 16	15 55	1 33	0 55	0 41	3 33	1 35	27 58	8 6	2 3	2 27	18 2	11 44	8 5
T 14	21 27	0 49	0 47	23 47	1 20	7 36	1 55	16 6	1 6	3 33	1 16	15 53	1 33	0 54	0 41	3 34	1 35	27 58	8 6	2 2	2 26	18 2	11 42	8 5
F 15	21 16	3s23	0n23	23 36	1 26	7 13	2 4	15 54	1 6	3 29	1 16	15 50	1 33	0 53	0 41	3 34	1 35	27 58	8 6	2 2	2 24	18 3	11 41	8 5
S 16	21 6	7 31	1 33	23 23	1 31	6 51	2 14	15 41	1 6	3 25	1 16	15 48	1 33	0 52	0 41	3 34	1 35	27 57	8 6	2 2	2 23	18 3	11 40	8 5
S 17	20 55	11 20	2 40	23 6	1 36	6 28	2 24	15 29	1 5	3 21	1 15	15 46	1 33	0 51	0 41	3 34	1 35	27 57	8 6	2 2	2 22	18 4	11 38	8 5
M18	20 43	14 35	3 38	22 48	1 39	6 6	2 34	15 16	1 5	3 17	1 15	15 43	1 33	0 51	0 41	3 35	1 35	27 56	8 6	2 1	2 21	18 4	11 37	8 5
T 19	20 32	17 1	4 24	22 27	1 42	5 44	2 44	15 3	1 5	3 13	1 15	15 41	1 33	0 50	0 41	3 35	1 35	27 56	8 6	1 59	2 19	18 4	11 35	8 5
W20	20 20	18 21	4 54	22 3	1 44	5 23	2 55	14 50	1 4	3 9	1 15	15 39	1 33	0 49	0 41	3 36	1 35	27 56	8 6	1 57	2 18	18 5	11 34	8 5
T 21	20 7	18 27	5 3	21 38	1 46	5 2	3 5	14 37	1 4	3 5	1 15	15 36	1 33	0 48	0 41	3 36	1 35	27 55	8 7	1 54	2 17	18 5	11 32	8 5
F 22	19 54	17 16	4 53	21 11	1 47	4 41	3 16	14 24	1 4	3 1	1 14	15 34	1 33	0 47	0 41	3 36	1 35	27 55	8 7	1 50	2 15	18 5	11 30	8 5
S 23	19 41	14 57	4 22	20 42	1 47	4 21	3 27	14 11	1 3	2 57	1 14	15 32	1 33	0 46	0 41	3 37	1 35	27 55	8 7	1 46	2 14	18 6	11 29	8 5
S 24	19 28	11 42	3 35	20 11	1 46	4 1	3 38	13 58	1 3	2 53	1 14	15 29	1 33	0 45	0 41	3 37	1 35	27 54	8 7	1 43	2 13	18 6	11 27	8 5
M25	19 14	7 51	2 36	19 39	1 45	3 42	3 50	13 44	1 2	2 48	1 14	15 27	1 33	0 44	0 41	3 37	1 35	27 54	8 7	1 41	2 12	18 6	11 26	8 5
T 26	19 0	3 41	1 29	19 5	1 43	3 23	4 1	13 31	1 2	2 44	1 14	15 24	1 33	0 43	0 41	3 38	1 35	27 54	8 7	1 39	2 10	18 7	11 24	8 5
W27	18 46	0n31	0 19	18 30	1 41	3 4	4 13	13 17	1 2	2 40	1 14	15 22	1 33	0 41	0 41	3 38	1 36	27 53	8 7	1 39	2 9	18 7	11 23	8 5
T 28	18 31	4 35	0s50	17 54	1 38	2 47	4 24	13 3	1 1	2 35	1 14	15 20	1 33	0 40	0 41	3 39	1 36	27 53	8 7	1 39	2 8	18 8	11 21	8 5
F 29	18 16	8 19	1 54	17 17	1 35	2 29	4 36	12 50	1 1	2 31	1 13	15 17	1 33	0 39	0 41	3 39	1 36	27 52	8 7	1 39	2 7	18 8	11 19	8 5
S 30	18 1	11 36	2 52	16 39	1 31	2 13	4 48	12 36	1 1	2 27	1 13	15 15	1 33	0 38	0 41	3 40	1 36	27 52	8 7	1 40	2 5	18 8	11 18	8 5
S 31	17n45	14n21	3s41	16n 0	1n27	1n57	5s 0	12n22	1n 0	2n22	1n13	15n12	1n33	0n37	0n41	3s40	1s36	27n52	8n 7	1s39	2s 4	18n 9	11n16	8s 5

Julian Day Number = 1981297.5, Delta T = 58m55s
Ecliptic obliquity = 23°36'10, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'24, Lahiri = 5°55'24 Julian Calendar 1 July 712 == Greg. Calendar 5 July 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

AUGUST 712 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 51 36	11♌21'53	2♊ 3	22♌42	13♍35	0♍59	27♍ 3	23♌45	0♎ 3	24°R28	1♌33	4°R 6	5♎ 7	17♊50	5♌13	M 1
T 2	20 55 33	12°19'47	13°55	24°28	13°43	1°38	27°13	23°52	0° 6	24♓27	1°35	4♎ 1	5° 4	17°57	5°20	T 2
W 3	20 59 29	13°17'42	25°48	26°13	13°50	2°16	27°24	24° 0	0° 9	24°26	1°37	3°55	5° 1	18° 4	5°27	W 3
T 4	21 3 26	14°15'40	7♋46	27°57	13°53	2°55	27°35	24° 7	0°12	24°24	1°39	3°47	4°57	18°10	5°34	T 4
F 5	21 7 22	15°13'39	19°52	29°40	13°R55	3°33	27°46	24°15	0°14	24°23	1°41	3°38	4°54	18°17	5°40	F 5
S 6	21 11 19	16°11'40	2♌ 9	1♍21	13°55	4°12	27°58	24°22	0°17	24°22	1°42	3°29	4°51	18°24	5°47	S 6
S 7	21 15 15	17° 9'43	14°36	3° 1	13°52	4°50	28° 9	24°30	0°20	24°21	1°44	3°21	4°48	18°31	5°54	S 7
M 8	21 19 12	18° 7'48	27°15	4°39	13°46	5°29	28°20	24°37	0°23	24°20	1°46	3°14	4°45	18°37	6° 1	M 8
T 9	21 23 9	19° 5'54	10♍ 5	6°16	13°39	6° 8	28°31	24°45	0°26	24°18	1°48	3°10	4°42	18°44	6° 8	T 9
W10	21 27 5	20° 4'02	23° 8	7°53	13°29	6°47	28°43	24°52	0°30	24°17	1°50	3° 8	4°38	18°51	6°14	W10
T 11	21 31 2	21° 2'11	6♎22	9°27	13°16	7°25	28°54	25° 0	0°33	24°16	1°51	3°D 7	4°35	18°57	6°21	T 11
F 12	21 34 58	22° 0'22	19°48	11° 1	13° 2	8° 4	29° 6	25° 7	0°36	24°14	1°53	3° 8	4°32	19° 4	6°28	F 12
S 13	21 38 55	22°58'34	3♏27	12°33	12°45	8°43	29°17	25°15	0°39	24°13	1°55	3° 9	4°29	19°11	6°35	S 13
S 14	21 42 51	23°56'48	17°19	14° 4	12°25	9°22	29°29	25°22	0°42	24°12	1°57	3°R11	4°26	19°18	6°41	S 14
M15	21 46 48	24°55'04	1♐24	15°34	12° 4	10° 1	29°41	25°30	0°45	24°10	1°58	3°11	4°22	19°24	6°48	M15
T 16	21 50 44	25°53'21	15°41	17° 3	11°40	10°40	29°53	25°37	0°49	24° 9	2° 0	3° 9	4°19	19°31	6°55	T 16
W17	21 54 41	26°51'40	0♑ 7	18°30	11°14	11°19	0♎ 5	25°45	0°52	24° 7	2° 2	3° 6	4°16	19°38	7° 1	W17
T 18	21 58 37	27°50'01	14°38	19°57	10°46	11°58	0°16	25°52	0°55	24° 6	2° 3	3° 2	4°13	19°44	7° 8	T 18
F 19	22 2 34	28°48'23	29°10	21°21	10°17	12°37	0°28	26° 0	0°58	24° 4	2° 5	2°56	4°10	19°51	7°15	F 19
S 20	22 6 31	29°46'46	13♒35	22°45	9°45	13°16	0°40	26° 7	1° 2	24° 3	2° 7	2°51	4° 7	19°58	7°21	S 20
S 21	22 10 27	0♍45'12	27°47	24° 7	9°13	13°55	0°52	26°15	1° 5	24° 1	2° 9	2°47	4° 3	20° 5	7°28	S 21
M22	22 14 24	1°43'39	11♓43	25°28	8°39	14°34	1° 5	26°22	1° 9	24° 0	2°10	2°44	4° 0	20°11	7°34	M22
T 23	22 18 20	2°42'09	25°17	26°48	8° 4	15°13	1°17	26°30	1°12	23°58	2°12	2°43	3°57	20°18	7°41	T 23
W24	22 22 17	3°40'40	8♈30	28° 6	7°28	15°52	1°29	26°37	1°15	23°57	2°14	2°D43	3°54	20°25	7°47	W24
T 25	22 26 13	4°39'14	21°21	29°22	6°51	16°32	1°41	26°45	1°19	23°55	2°15	2°44	3°51	20°31	7°54	T 25
F 26	22 30 10	5°37'50	3♉52	0♎37	6°15	17°11	1°53	26°52	1°22	23°54	2°17	2°45	3°48	20°38	8° 0	F 26
S 27	22 34 6	6°36'28	16° 7	1°51	5°38	17°50	2° 6	27° 0	1°26	23°52	2°18	2°47	3°44	20°45	8° 6	S 27
S 28	22 38 3	7°35'09	28°10	3° 2	5° 1	18°30	2°18	27° 7	1°29	23°51	2°20	2°48	3°41	20°52	8°13	S 28
M29	22 42 0	8°33'51	10♊ 5	4°12	4°24	19° 9	2°31	27°15	1°33	23°49	2°21	2°R48	3°38	20°58	8°19	M29
T 30	22 45 56	9°32'36	21°57	5°20	3°48	19°48	2°43	27°22	1°36	23°47	2°23	2°48	3°35	21° 5	8°25	T 30
W31	22 49 53	10♍31'24	3♋52	6♎26	3♍13	20♍28	2♎56	27♌30	1♎40	23♓46	2♌25	2♎46	3♎32	21♊12	8♌32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n29	16n28	4s20	15n21	1n23	1n42	5s12	12n 8	1n 0	2n18	1n13	15n10	1n33	0n36	0n41	3s41	1s36	27n51	8n 8	1s38	2s 3	18n 9	11n14	8s 6
T 2	17 13	17 51	4 48	14 41	1 18	1 28	5 24	11 54	0 59	2 13	1 13	15 7	1 33	0 35	0 41	3 41	1 36	27 51	8 8	1 37	2 2	18 9	11 12	8 6
W 3	16 57	18 29	5 4	14 0	1 13	1 14	5 36	11 39	0 59	2 9	1 13	15 5	1 34	0 34	0 40	3 42	1 36	27 51	8 8	1 34	2 0	18 10	11 11	8 6
T 4	16 40	18 17	5 6	13 19	1 7	1 2	5 48	11 25	0 59	2 4	1 13	15 2	1 34	0 32	0 40	3 42	1 36	27 51	8 8	1 31	1 59	18 10	11 9	8 6
F 5	16 23	17 16	4 55	12 38	1 2	0 50	6 0	11 11	0 58	2 0	1 12	15 0	1 34	0 31	0 40	3 43	1 36	27 50	8 8	1 27	1 58	18 10	11 7	8 6
S 6	16 5	15 26	4 30	11 56	0 55	0 39	6 12	10 56	0 58	1 55	1 12	14 58	1 34	0 30	0 40	3 43	1 36	27 50	8 8	1 24	1 56	18 10	11 6	8 6
S 7	15 48	12 52	3 52	11 14	0 49	0 29	6 24	10 41	0 57	1 51	1 12	14 55	1 34	0 29	0 40	3 44	1 36	27 50	8 8	1 20	1 55	18 11	11 4	8 6
M 8	15 30	9 40	3 1	10 32	0 42	0 21	6 35	10 27	0 57	1 46	1 12	14 53	1 34	0 28	0 40	3 44	1 36	27 49	8 8	1 18	1 54	18 11	11 2	8 7
T 9	15 12	5 58	2 1	9 49	0 36	0 13	6 47	10 12	0 57	1 41	1 12	14 50	1 34	0 26	0 40	3 45	1 36	27 49	8 9	1 16	1 53	18 11	11 0	8 7
W10	14 54	1 55	0 54	9 7	0 29	0 6	6 58	9 57	0 56	1 37	1 12	14 48	1 34	0 25	0 40	3 45	1 36	27 49	8 9	1 15	1 51	18 12	10 58	8 7
T 11	14 35	2s16	0n18	8 24	0 21	0 1	7 9	9 42	0 56	1 32	1 12	14 45	1 34	0 24	0 40	3 46	1 36	27 48	8 9	1 15	1 50	18 12	10 57	8 7
F 12	14 16	6 25	1 29	7 42	0 14	0s 3	7 20	9 27	0 55	1 27	1 11	14 43	1 34	0 23	0 40	3 46	1 36	27 48	8 9	1 15	1 49	18 12	10 55	8 7
S 13	13 57	10 17	2 37	7 0	0 7	0 6	7 30	9 12	0 55	1 22	1 11	14 40	1 34	0 21	0 40	3 47	1 36	27 48	8 9	1 16	1 48	18 13	10 53	8 8
S 14	13 38	13 39	3 37	6 17	0s 1	0 8	7 40	8 57	0 55	1 18	1 11	14 38	1 34	0 20	0 40	3 48	1 36	27 48	8 9	1 16	1 46	18 13	10 51	8 8
M15	13 18	16 16	4 25	5 35	0 9	0 8	7 49	8 42	0 54	1 13	1 11	14 35	1 34	0 19	0 40	3 48	1 36	27 47	8 9	1 16	1 45	18 13	10 49	8 8
T 16	12 59	17 55	4 57	4 53	0 17	0 8	7 58	8 27	0 54	1 8	1 11	14 33	1 34	0 17	0 40	3 49	1 36	27 47	8 10	1 16	1 44	18 14	10 47	8 8
W17	12 39	18 26	5 11	4 12	0 25	0 6	8 6	8 12	0 53	1 3	1 11	14 30	1 34	0 16	0 40	3 49	1 36	27 47	8 10	1 14	1 42	18 14	10 46	8 9
T 18	12 18	17 45	5 5	3 30	0 33	0 2	8 14	7 56	0 53	0 58	1 11	14 28	1 34	0 15	0 40	3 50	1 36	27 47	8 10	1 13	1 41	18 14	10 44	8 9
F 19	11 58	15 55	4 39	2 49	0 41	0n 2	8 21	7 41	0 53	0 53	1 11	14 25	1 34	0 13	0 40	3 51	1 36	27 46	8 10	1 11	1 40	18 14	10 42	8 9
S 20	11 38	13 5	3 56	2 9	0 49	0 8	8 27	7 25	0 52	0 48	1 11	14 23	1 34	0 12	0 40	3 51	1 36	27 46	8 10	1 9	1 39	18 15	10 40	8 9
S 21	11 17	9 31	2 59	1 28	0 57	0 16	8 32	7 10	0 52	0 44	1 10	14 20	1 35	0 11	0 40	3 52	1 37	27 46	8 10	1 7	1 37	18 15	10 38	8 10
M22	10 56	5 29	1 52	0 49	1 6	0 24	8 37	6 54	0 51	0 39	1 10	14 17	1 35	0 9	0 40	3 52	1 37	27 46	8 11	1 6	1 36	18 15	10 36	8 10
T 23	10 35	1 16	0 41	0 9	1 14	0 33	8 40	6 39	0 51	0 34	1 10	14 15	1 35	0 8	0 40	3 53	1 37	27 46	8 11	1 5	1 35	18 15	10 34	8 10
W24	10 14	2n54	0s32	0s30	1 22	0 44	8 43	6 23	0 50	0 29	1 10	14 12	1 35	0 6	0 40	3 54	1 37	27 45	8 11	1 5	1 34	18 16	10 32	8 11
T 25	9 52	6 50	1 40	1 8	1 30	0 55	8 45	6 7	0 50	0 24	1 10	14 10	1 35	0 5	0 40	3 54	1 37	27 45	8 11	1 5	1 32	18 16	10 30	8 11
F 26	9 31	10 21	2 43	1 45	1 39	1 8	8 46	5 51	0 50	0 19	1 10	14 7	1 35	0 4	0 40	3 55	1 37	27 45	8 11	1 6	1 31	18 16	10 28	8 11
S 27	9 9	13 19	3 36	2 22	1 47	1 21	8 46	5 36	0 49	0 14	1 10	14 5	1 35	0 2	0 40	3 56	1 37	27 45	8 12	1 7	1 30	18 17	10 26	8 12
S 28	8 47	15 41	4 19	2 58	1 55	1 36	8 45	5 20	0 49	0 9	1 10	14 2	1 35	0 1	0 40	3 56	1 37	27 45	8 12	1 7	1 29	18 17	10 25	8 12
M29	8 25	17 20	4 50	3 33	2 3	1 51	8 43	5 4	0 48	0 4	1 10	14 0	1 35	0s 1	0 40	3 57	1 37	27 44	8 12	1 7	1 27	18 17	10 23	8 12
T 30	8 3	18 13	5 9	4 8	2 11	2 6	8 40	4 48	0 48	0s 1	1 10	13 57	1 35	0 2	0 40	3 58	1 37	27 44	8 12	1 7	1 26	18 17	10 21	8 13
W31	7n40	18n18	5s14	4s41	2s18	2n22	8s36	4n32	0n47	0s 7	1n10	13n55	1n35	0s 4	0n40	3s58	1s37	27n44	8n12	1s 6	1s25	18n18	10n19	8s13

Julian Day Number = 1981328.5, Delta T = 58m54s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'28, Lahiri = 5°55'28 Julian Calendar 1 Aug. 712 == Greg. Calendar 5 Aug. 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

SEPTEMBER 712 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 53 49	11♍30'14	15♋53	7♎30	2°R39	21♍ 8	3♎ 8	27♌37	1♎44	23°R44	2♌26	2°R44	3♎28	21♊19	8♌38	T 1
F 2	22 57 46	12°29'05	28° 3	8°31	2♍ 7	21°47	3°21	27°44	1°47	23♓43	2°28	2♎41	3°25	21°25	8°44	F 2
S 3	23 1 42	13°28'00	10♌27	9°30	1°35	22°27	3°33	27°52	1°51	23°41	2°29	2°37	3°22	21°32	8°50	S 3
S 4	23 5 39	14°26'56	23° 6	10°26	1° 6	23° 6	3°46	27°59	1°55	23°39	2°31	2°35	3°19	21°39	8°56	S 4
M 5	23 9 35	15°25'55	6♍ 1	11°19	0°38	23°46	3°59	28° 6	1°58	23°38	2°32	2°32	3°16	21°45	9° 2	M 5
T 6	23 13 32	16°24'55	19°12	12° 9	0°12	24°26	4°11	28°14	2° 2	23°36	2°33	2°31	3°13	21°52	9° 8	T 6
W 7	23 17 29	17°23'58	2♎38	12°56	29♌48	25° 6	4°24	28°21	2° 6	23°34	2°35	2°D31	3° 9	21°59	9°14	W 7
T 8	23 21 25	18°23'03	16°18	13°39	29°26	25°45	4°37	28°28	2° 9	23°33	2°36	2°31	3° 6	22° 6	9°20	T 8
F 9	23 25 22	19°22'09	0♏ 8	14°17	29° 7	26°25	4°50	28°35	2°13	23°31	2°38	2°32	3° 3	22°12	9°26	F 9
S 10	23 29 18	20°21'18	14° 8	14°52	28°49	27° 5	5° 3	28°43	2°17	23°29	2°39	2°33	3° 0	22°19	9°32	S 10
S 11	23 33 15	21°20'29	28°15	15°21	28°34	27°45	5°16	28°50	2°20	23°28	2°40	2°34	2°57	22°26	9°38	S 11
M12	23 37 11	22°19'41	12♐26	15°46	28°22	28°25	5°28	28°57	2°24	23°26	2°42	2°35	2°54	22°32	9°44	M12
T 13	23 41 8	23°18'55	26°38	16° 4	28°12	29° 5	5°41	29° 4	2°28	23°24	2°43	2°R35	2°50	22°39	9°49	T 13
W14	23 45 4	24°18'11	10♑51	16°17	28° 4	29°45	5°54	29°11	2°32	23°23	2°44	2°34	2°47	22°46	9°55	W14
T 15	23 49 1	25°17'29	25° 1	16°R23	27°59	0♎25	6° 7	29°18	2°35	23°21	2°45	2°34	2°44	22°53	10° 1	T 15
F 16	23 52 57	26°16'49	9♒ 5	16°22	27°56	1° 6	6°20	29°25	2°39	23°19	2°47	2°33	2°41	22°59	10° 6	F 16
S 17	23 56 54	27°16'10	23° 1	16°13	27°D55	1°46	6°33	29°32	2°43	23°18	2°48	2°32	2°38	23° 6	10°12	S 17
S 18	0 0 51	28°15'34	6♓46	15°56	27°57	2°26	6°46	29°39	2°47	23°16	2°49	2°32	2°34	23°13	10°17	S 18
M19	0 4 47	29°14'59	20°17	15°31	28° 2	3° 6	6°59	29°46	2°50	23°14	2°50	2°32	2°31	23°19	10°22	M19
T 20	0 8 44	0♎14'26	3♈33	14°58	28° 8	3°47	7°12	29°53	2°54	23°13	2°51	2°D31	2°28	23°26	10°28	T 20
W21	0 12 40	1°13'56	16°33	14°17	28°17	4°27	7°25	29°59	2°58	23°11	2°53	2°31	2°25	23°33	10°33	W21
T 22	0 16 37	2°13'27	29°16	13°27	28°28	5° 7	7°38	0♏ 6	3° 2	23° 9	2°54	2°R32	2°22	23°40	10°38	T 22
F 23	0 20 33	3°13'01	11♉43	12°30	28°41	5°48	7°51	0°13	3° 5	23° 8	2°55	2°32	2°19	23°46	10°43	F 23
S 24	0 24 30	4°12'38	23°57	11°26	28°57	6°28	8° 4	0°20	3° 9	23° 6	2°56	2°31	2°15	23°53	10°48	S 24
S 25	0 28 26	5°12'16	6♊ 0	10°17	29°14	7° 9	8°18	0°27	3°13	23° 4	2°57	2°31	2°12	24° 0	10°53	S 25
M26	0 32 23	6°11'57	17°56	9° 5	29°33	7°49	8°31	0°33	3°17	23° 3	2°58	2°31	2° 9	24° 7	10°58	M26
T 27	0 36 20	7°11'40	29°48	7°50	29°55	8°30	8°44	0°40	3°21	23° 1	2°59	2°31	2° 6	24°13	11° 3	T 27
W28	0 40 16	8°11'25	11♋42	6°36	0♍18	9°11	8°57	0°46	3°24	23° 0	3° 0	2°D31	2° 3	24°20	11° 8	W28
T 29	0 44 13	9°11'13	23°43	5°24	0°42	9°51	9°10	0°53	3°28	22°58	3° 1	2°31	1°59	24°27	11°13	T 29
F 30	0 48 9	10♎11'03	5♌53	4♎17	1♍ 9	10♎32	9♎23	0♍59	3♎32	22♓56	3♌ 2	2♎31	1♎56	24♊33	11♌18	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n18	17n35	5s 6	5s13	2s26	2n38	8s32	4n16	0n47	0s12	1n10	13n53	1n35	0s 5	0n40	3s59	1s37	27n44	8n13	1s 5	1s23	18n18	10n17	8s14
F 2	6 55	16 3	4 44	5 45	2 33	2 55	8 26	3 59	0 47	0 17	1 9	13 50	1 36	0 6	0 40	4 0	1 37	27 44	8 13	1 4	1 22	18 18	10 15	8 14
S 3	6 33	13 45	4 9	6 14	2 40	3 12	8 20	3 43	0 46	0 22	1 9	13 48	1 36	0 8	0 40	4 0	1 37	27 44	8 13	1 3	1 21	18 18	10 13	8 15
S 4	6 10	10 45	3 21	6 43	2 47	3 29	8 13	3 27	0 46	0 27	1 9	13 45	1 36	0 9	0 40	4 1	1 37	27 43	8 13	1 2	1 20	18 18	10 11	8 15
M 5	5 47	7 11	2 21	7 10	2 54	3 46	8 5	3 11	0 45	0 32	1 9	13 43	1 36	0 11	0 40	4 2	1 37	27 43	8 14	1 1	1 18	18 19	10 9	8 15
T 6	5 24	3 11	1 13	7 36	3 0	4 3	7 56	2 55	0 45	0 37	1 9	13 40	1 36	0 12	0 40	4 2	1 37	27 43	8 14	1 1	1 17	18 19	10 7	8 16
W 7	5 1	1s 3	0n 1	7 59	3 6	4 19	7 47	2 38	0 44	0 42	1 9	13 38	1 36	0 14	0 40	4 3	1 37	27 43	8 14	1 0	1 16	18 19	10 5	8 16
T 8	4 37	5 17	1 16	8 21	3 11	4 36	7 38	2 22	0 44	0 48	1 9	13 35	1 36	0 15	0 40	4 4	1 37	27 43	8 14	1 0	1 15	18 19	10 3	8 17
F 9	4 14	9 18	2 27	8 41	3 16	4 52	7 28	2 6	0 43	0 53	1 9	13 33	1 36	0 17	0 40	4 4	1 37	27 43	8 14	1 1	1 13	18 20	10 1	8 17
S 10	3 51	12 50	3 31	8 59	3 21	5 8	7 17	1 49	0 43	0 58	1 9	13 30	1 36	0 18	0 40	4 5	1 37	27 43	8 15	1 1	1 12	18 20	9 59	8 18
S 11	3 27	15 39	4 22	9 14	3 24	5 23	7 6	1 33	0 42	1 3	1 9	13 28	1 37	0 20	0 40	4 6	1 37	27 43	8 15	1 2	1 11	18 20	9 57	8 18
M12	3 4	17 31	4 57	9 26	3 28	5 38	6 55	1 16	0 42	1 8	1 9	13 26	1 37	0 21	0 40	4 6	1 37	27 43	8 15	1 2	1 9	18 20	9 55	8 19
T 13	2 40	18 19	5 15	9 35	3 30	5 52	6 44	1 0	0 41	1 13	1 9	13 23	1 37	0 23	0 40	4 7	1 37	27 43	8 15	1 2	1 8	18 20	9 53	8 19
W14	2 17	17 57	5 13	9 41	3 31	6 6	6 32	0 43	0 41	1 19	1 9	13 21	1 37	0 24	0 40	4 8	1 37	27 43	8 16	1 2	1 7	18 21	9 51	8 20
T 15	1 53	16 28	4 53	9 44	3 31	6 19	6 20	0 27	0 41	1 24	1 9	13 19	1 37	0 26	0 40	4 8	1 37	27 42	8 16	1 2	1 6	18 21	9 49	8 21
F 16	1 29	14 1	4 15	9 43	3 31	6 31	6 8	0 10	0 40	1 29	1 9	13 16	1 37	0 27	0 40	4 9	1 37	27 42	8 16	1 1	1 4	18 21	9 47	8 21
S 17	1 6	10 46	3 22	9 37	3 28	6 43	5 55	0s 6	0 40	1 34	1 9	13 14	1 37	0 29	0 40	4 10	1 37	27 42	8 16	1 1	1 3	18 21	9 45	8 22
S 18	0 42	6 57	2 18	9 27	3 25	6 54	5 43	0 23	0 39	1 39	1 9	13 11	1 37	0 30	0 40	4 10	1 37	27 42	8 17	1 1	1 2	18 21	9 43	8 22
M19	0 18	2 51	1 7	9 13	3 20	7 4	5 31	0 39	0 39	1 45	1 8	13 9	1 38	0 32	0 40	4 11	1 37	27 42	8 17	1 1	1 1	18 22	9 41	8 23
T 20	0s 6	1n20	0s 6	8 54	3 13	7 13	5 18	0 56	0 38	1 50	1 8	13 7	1 38	0 33	0 40	4 12	1 37	27 42	8 17	1 1	0 59	18 22	9 39	8 23
W21	0 30	5 22	1 17	8 30	3 4	7 22	5 6	1 12	0 38	1 55	1 8	13 5	1 38	0 35	0 40	4 12	1 37	27 42	8 18	1 1	0 58	18 22	9 37	8 24
T 22	0 53	9 4	2 23	8 1	2 54	7 30	4 54	1 29	0 37	2 0	1 8	13 2	1 38	0 36	0 40	4 13	1 37	27 42	8 18	1 1	0 57	18 22	9 35	8 25
F 23	1 17	12 16	3 21	7 27	2 41	7 37	4 41	1 45	0 37	2 6	1 8	13 0	1 38	0 38	0 40	4 14	1 37	27 42	8 18	1 1	0 55	18 22	9 33	8 25
S 24	1 41	14 53	4 8	6 49	2 27	7 43	4 29	2 2	0 36	2 11	1 8	12 58	1 38	0 39	0 40	4 14	1 37	27 42	8 18	1 1	0 54	18 23	9 31	8 26
S 25	2 5	16 48	4 44	6 7	2 11	7 48	4 17	2 19	0 36	2 16	1 8	12 56	1 39	0 41	0 40	4 15	1 37	27 42	8 19	1 0	0 53	18 23	9 29	8 27
M26	2 29	17 57	5 7	5 22	1 54	7 53	4 5	2 35	0 35	2 21	1 8	12 53	1 39	0 42	0 40	4 16	1 37	27 42	8 19	1 0	0 52	18 23	9 27	8 27
T 27	2 52	18 19	5 17	4 35	1 35	7 57	3 53	2 52	0 35	2 26	1 8	12 51	1 39	0 44	0 40	4 16	1 37	27 42	8 19	1 0	0 50	18 23	9 25	8 28
W28	3 16	17 53	5 13	3 47	1 15	8 0	3 41	3 8	0 34	2 32	1 8	12 49	1 39	0 45	0 40	4 17	1 37	27 42	8 19	1 0	0 49	18 23	9 24	8 29
T 29	3 40	16 39	4 56	2 59	0 54	8 2	3 30	3 25	0 34	2 37	1 8	12 47	1 39	0 47	0 40	4 18	1 37	27 42	8 20	1 0	0 48	18 23	9 22	8 29
F 30	4s 4	14n39	4s25	2s14	0s34	8n 3	3s18	3s41	0n33	2s42	1n 8	12n45	1n39	0s49	0n40	4s18	1s37	27n43	8n20	1s 1	0s47	18n23	9n20	8s30

Julian Day Number = 1981359.5, Delta T = 58m54s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'32, Lahiri = 5°55'32 Julian Calendar 1 Sept. 712 == Greg. Calendar 5 Sept. 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

OCTOBER 712 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 52 6	11♎10'55	18♌19	3°R17	1♍37	11♎13	9♎36	1♍ 6	3♎36	22°R55	3♌ 2	2♎32	1♎53	24♊40	11♌22	S 1
S 2	0 56 2	12°10'50	1♍ 3	2♎25	2° 7	11°54	9°49	1°12	3°39	22♓53	3° 3	2°33	1°50	24°47	11°27	S 2
M 3	0 59 59	13°10'47	14° 8	1°43	2°39	12°35	10° 2	1°18	3°43	22°52	3° 4	2°34	1°47	24°54	11°31	M 3
T 4	1 3 55	14°10'45	27°35	1°12	3°12	13°16	10°15	1°24	3°47	22°50	3° 5	2°R34	1°44	25° 0	11°36	T 4
W 5	1 7 52	15°10'46	11♎22	0°52	3°46	13°56	10°29	1°31	3°51	22°49	3° 6	2°34	1°40	25° 7	11°40	W 5
T 6	1 11 48	16°10'49	25°28	0°D43	4°22	14°37	10°42	1°37	3°54	22°47	3° 7	2°34	1°37	25°14	11°44	T 6
F 7	1 15 45	17°10'54	9♏48	0°46	4°59	15°19	10°55	1°43	3°58	22°46	3° 7	2°32	1°34	25°20	11°49	F 7
S 8	1 19 42	18°11'00	24°17	1° 0	5°37	16° 0	11° 8	1°49	4° 2	22°44	3° 8	2°30	1°31	25°27	11°53	S 8
S 9	1 23 38	19°11'09	8♐48	1°24	6°16	16°41	11°21	1°55	4° 5	22°43	3° 9	2°28	1°28	25°34	11°57	S 9
M10	1 27 35	20°11'19	23°17	1°57	6°57	17°22	11°34	2° 0	4° 9	22°41	3° 9	2°26	1°25	25°41	12° 1	M10
T 11	1 31 31	21°11'30	7♑39	2°40	7°39	18° 3	11°47	2° 6	4°13	22°40	3°10	2°25	1°21	25°47	12° 5	T 11
W12	1 35 28	22°11'44	21°50	3°30	8°22	18°45	12° 0	2°12	4°16	22°38	3°10	2°D24	1°18	25°54	12° 9	W12
T 13	1 39 24	23°11'58	5♒48	4°26	9° 6	19°26	12°13	2°18	4°20	22°37	3°11	2°25	1°15	26° 1	12°12	T 13
F 14	1 43 21	24°12'15	19°34	5°29	9°51	20° 7	12°26	2°23	4°24	22°36	3°12	2°26	1°12	26° 8	12°16	F 14
S 15	1 47 17	25°12'32	3♓ 5	6°38	10°37	20°49	12°39	2°29	4°27	22°34	3°12	2°27	1° 9	26°14	12°20	S 15
S 16	1 51 14	26°12'51	16°24	7°50	11°24	21°30	12°52	2°34	4°31	22°33	3°13	2°29	1° 5	26°21	12°23	S 16
M17	1 55 11	27°13'12	29°29	9° 7	12°12	22°12	13° 5	2°40	4°34	22°32	3°13	2°R29	1° 2	26°28	12°26	M17
T 18	1 59 7	28°13'35	12♈23	10°27	13° 1	22°53	13°18	2°45	4°38	22°30	3°13	2°29	0°59	26°34	12°30	T 18
W19	2 3 4	29°13'59	25° 4	11°50	13°50	23°35	13°31	2°50	4°42	22°29	3°14	2°27	0°56	26°41	12°33	W19
T 20	2 7 0	0♏14'24	7♉34	13°15	14°41	24°16	13°43	2°55	4°45	22°28	3°14	2°24	0°53	26°48	12°36	T 20
F 21	2 10 57	1°14'52	19°53	14°42	15°32	24°58	13°56	3° 1	4°49	22°27	3°14	2°20	0°50	26°55	12°39	F 21
S 22	2 14 53	2°15'21	2♊ 1	16°11	16°24	25°40	14° 9	3° 6	4°52	22°25	3°15	2°14	0°46	27° 1	12°42	S 22
S 23	2 18 50	3°15'52	14° 2	17°41	17°17	26°21	14°22	3°11	4°55	22°24	3°15	2° 9	0°43	27° 8	12°45	S 23
M24	2 22 46	4°16'25	25°56	19°12	18°10	27° 3	14°35	3°15	4°59	22°23	3°15	2° 3	0°40	27°15	12°48	M24
T 25	2 26 43	5°17'00	7♋48	20°44	19° 4	27°45	14°47	3°20	5° 2	22°22	3°15	1°59	0°37	27°21	12°51	T 25
W26	2 30 40	6°17'36	19°40	22°16	19°59	28°27	15° 0	3°25	5° 6	22°21	3°16	1°56	0°34	27°28	12°53	W26
T 27	2 34 36	7°18'14	1♌38	23°50	20°55	29° 9	15°13	3°30	5° 9	22°20	3°16	1°54	0°30	27°35	12°56	T 27
F 28	2 38 33	8°18'54	13°45	25°23	21°51	29°51	15°25	3°34	5°12	22°19	3°16	1°D54	0°27	27°42	12°58	F 28
S 29	2 42 29	9°19'36	26° 7	26°57	22°47	0♏33	15°38	3°39	5°16	22°18	3°16	1°55	0°24	27°48	13° 1	S 29
S 30	2 46 26	10°20'20	8♍48	28°32	23°45	1°15	15°50	3°43	5°19	22°17	3°16	1°57	0°21	27°55	13° 3	S 30
M31	2 50 22	11♏21'05	21♍53	0♏ 6	24♍42	1♏57	16♎ 3	3♍47	5♎22	22♓16	3♌16	1♎58	0♎18	28♊ 2	13♌ 5	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s27	11n56	3s41	1s31	0s13	8n 4	3s 7	3s58	0n33	2s47	1n 8	12n42	1n39	0s50	0n40	4s19	1s37	27n43	8n20	1s 1	0s45	18n24	9n18	8s31
S 2	4 51	8 35	2 46	0 52	0n 7	8 3	2 56	4 15	0 32	2 52	1 8	12 40	1 40	0 52	0 40	4 19	1 37	27 43	8 21	1 1	0 44	18 24	9 16	8 31
M 3	5 14	4 44	1 40	0 18	0 25	8 2	2 45	4 31	0 32	2 58	1 8	12 38	1 40	0 53	0 40	4 20	1 37	27 43	8 21	1 2	0 43	18 24	9 14	8 32
T 4	5 38	0 33	0 28	0n11	0 43	8 1	2 34	4 48	0 31	3 3	1 8	12 36	1 40	0 54	0 40	4 21	1 37	27 43	8 21	1 2	0 41	18 24	9 12	8 33
W 5	6 1	3s47	0n48	0 33	0 59	7 58	2 23	5 4	0 31	3 8	1 8	12 34	1 40	0 56	0 40	4 21	1 37	27 43	8 22	1 2	0 40	18 24	9 10	8 34
T 6	6 24	8 0	2 3	0 50	1 14	7 55	2 13	5 20	0 30	3 13	1 8	12 32	1 40	0 57	0 40	4 22	1 37	27 43	8 22	1 1	0 39	18 24	9 8	8 34
F 7	6 48	11 49	3 12	1 1	1 26	7 51	2 3	5 37	0 30	3 18	1 8	12 30	1 41	0 59	0 40	4 22	1 37	27 43	8 22	1 1	0 38	18 24	9 7	8 35
S 8	7 11	14 58	4 8	1 5	1 37	7 46	1 53	5 53	0 29	3 23	1 8	12 28	1 41	1 0	0 40	4 23	1 37	27 43	8 22	1 0	0 36	18 25	9 5	8 36
S 9	7 34	17 10	4 49	1 4	1 47	7 41	1 43	6 10	0 28	3 28	1 8	12 26	1 41	1 2	0 40	4 23	1 37	27 43	8 23	0 59	0 35	18 25	9 3	8 37
M10	7 57	18 15	5 11	0 58	1 55	7 34	1 33	6 26	0 28	3 34	1 8	12 24	1 41	1 3	0 40	4 24	1 37	27 44	8 23	0 58	0 34	18 25	9 1	8 37
T 11	8 19	18 9	5 14	0 47	2 1	7 28	1 24	6 42	0 27	3 39	1 8	12 22	1 41	1 5	0 40	4 25	1 37	27 44	8 23	0 58	0 33	18 25	8 59	8 38
W12	8 42	16 55	4 58	0 31	2 6	7 20	1 15	6 59	0 27	3 44	1 8	12 20	1 41	1 6	0 40	4 25	1 37	27 44	8 24	0 58	0 31	18 25	8 58	8 39
T 13	9 4	14 41	4 24	0 12	2 9	7 12	1 6	7 15	0 26	3 49	1 8	12 18	1 42	1 8	0 40	4 26	1 37	27 44	8 24	0 58	0 30	18 25	8 56	8 40
F 14	9 27	11 39	3 35	0s11	2 11	7 3	0 57	7 31	0 26	3 54	1 8	12 17	1 42	1 9	0 40	4 26	1 37	27 44	8 24	0 58	0 29	18 25	8 54	8 40
S 15	9 49	8 2	2 35	0 37	2 12	6 54	0 48	7 47	0 25	3 59	1 8	12 15	1 42	1 11	0 40	4 27	1 37	27 44	8 25	0 59	0 27	18 25	8 52	8 41
S 16	10 11	4 4	1 27	1 6	2 13	6 44	0 40	8 3	0 25	4 4	1 8	12 13	1 42	1 12	0 40	4 27	1 37	27 45	8 25	1 0	0 26	18 26	8 51	8 42
M17	10 33	0n 3	0 17	1 37	2 12	6 33	0 31	8 20	0 24	4 9	1 8	12 11	1 42	1 13	0 40	4 28	1 37	27 45	8 25	1 0	0 25	18 26	8 49	8 43
T 18	10 55	4 6	0s54	2 10	2 10	6 22	0 23	8 36	0 24	4 14	1 8	12 9	1 43	1 15	0 40	4 28	1 37	27 45	8 26	1 0	0 24	18 26	8 47	8 44
W19	11 17	7 54	2 1	2 45	2 8	6 10	0 16	8 52	0 23	4 19	1 8	12 8	1 43	1 16	0 40	4 29	1 37	27 45	8 26	0 59	0 22	18 26	8 46	8 44
T 20	11 38	11 17	3 0	3 21	2 5	5 57	0 8	9 8	0 22	4 24	1 8	12 6	1 43	1 18	0 40	4 29	1 36	27 45	8 26	0 58	0 21	18 26	8 44	8 45
F 21	11 59	14 7	3 51	3 58	2 1	5 44	0 0	9 23	0 22	4 29	1 8	12 4	1 43	1 19	0 40	4 30	1 36	27 46	8 26	0 56	0 20	18 26	8 42	8 46
S 22	12 20	16 18	4 30	4 36	1 57	5 30	0n 7	9 39	0 21	4 34	1 8	12 3	1 43	1 20	0 40	4 30	1 36	27 46	8 27	0 54	0 19	18 26	8 41	8 47
S 23	12 41	17 44	4 56	5 15	1 53	5 16	0 14	9 55	0 21	4 39	1 8	12 1	1 44	1 22	0 40	4 31	1 36	27 46	8 27	0 52	0 17	18 26	8 39	8 48
M24	13 2	18 23	5 10	5 54	1 48	5 2	0 21	10 11	0 20	4 44	1 8	12 0	1 44	1 23	0 40	4 31	1 36	27 46	8 27	0 49	0 16	18 26	8 37	8 49
T 25	13 22	18 13	5 10	6 34	1 43	4 46	0 28	10 26	0 20	4 49	1 9	11 58	1 44	1 24	0 40	4 31	1 36	27 47	8 28	0 48	0 15	18 26	8 36	8 50
W26	13 43	17 15	4 57	7 14	1 37	4 31	0 34	10 42	0 19	4 54	1 9	11 57	1 44	1 26	0 40	4 32	1 36	27 47	8 28	0 46	0 13	18 26	8 34	8 50
T 27	14 3	15 32	4 31	7 54	1 31	4 15	0 40	10 57	0 19	4 59	1 9	11 55	1 45	1 27	0 40	4 32	1 36	27 47	8 28	0 46	0 12	18 27	8 33	8 51
F 28	14 22	13 6	3 53	8 34	1 25	3 58	0 47	11 13	0 18	5 3	1 9	11 54	1 45	1 28	0 40	4 33	1 36	27 47	8 29	0 46	0 11	18 27	8 31	8 52
S 29	14 42	10 2	3 3	9 14	1 19	3 41	0 52	11 28	0 17	5 8	1 9	11 52	1 45	1 30	0 40	4 33	1 36	27 48	8 29	0 46	0 10	18 27	8 30	8 53
S 30	15 1	6 26	2 3	9 53	1 13	3 23	0 58	11 44	0 17	5 13	1 9	11 51	1 45	1 31	0 40	4 33	1 36	27 48	8 29	0 47	0 8	18 27	8 28	8 54
M31	15s20	2n24	0s55	10s33	1n 6	3n 6	1n 4	11s59	0n16	5s18	1n 9	11n49	1n45	1s32	0n40	4s34	1s36	27n48	8n30	0s47	0s 7	18n27	8n27	8s55

Julian Day Number = 1981389.5, Delta T = 58m53s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'36, Lahiri = 5°55'37 Julian Calendar 1 Oct. 712 == Greg. Calendar 5 Oct. 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

NOVEMBER 712 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 54 19	12♏21'51	5♎24	1♏41	25♍41	2♏39	16♎15	3♍52	5♎25	22°R15	3°R16	1°R59	0♎15	28♊ 9	13♌ 7	T 1
W 2	2 58 15	13°22'39	19°22	3°15	26°40	3°22	16°28	3°56	5°29	22♓14	3♌16	1♎57	0°11	28°15	13° 9	W 2
T 3	3 2 12	14°23'29	3♏45	4°50	27°39	4° 4	16°40	4° 0	5°32	22°13	3°16	1°54	0° 8	28°22	13°11	T 3
F 4	3 6 9	15°24'20	18°28	6°24	28°39	4°46	16°52	4° 4	5°35	22°12	3°16	1°49	0° 5	28°29	13°13	F 4
S 5	3 10 5	16°25'13	3♐24	7°59	29°39	5°29	17° 5	4° 8	5°38	22°11	3°16	1°42	0° 2	28°35	13°15	S 5
S 6	3 14 2	17°26'06	18°24	9°33	0♎40	6°11	17°17	4°11	5°41	22°10	3°16	1°34	29♍59	28°42	13°16	S 6
M 7	3 17 58	18°27'01	3♑19	11° 8	1°41	6°53	17°29	4°15	5°44	22°10	3°16	1°28	29°56	28°49	13°18	M 7
T 8	3 21 55	19°27'57	18° 0	12°42	2°42	7°36	17°41	4°19	5°47	22° 9	3°15	1°22	29°52	28°56	13°19	T 8
W 9	3 25 51	20°28'53	2♒23	14°17	3°44	8°18	17°53	4°22	5°50	22° 8	3°15	1°18	29°49	29° 2	13°20	W 9
T 10	3 29 48	21°29'51	16°24	15°51	4°47	9° 1	18° 5	4°26	5°53	22° 7	3°15	1°D17	29°46	29° 9	13°22	T 10
F 11	3 33 44	22°30'48	0♓ 3	17°25	5°49	9°44	18°17	4°29	5°56	22° 7	3°15	1°17	29°43	29°16	13°23	F 11
S 12	3 37 41	23°31'47	13°22	18°59	6°52	10°26	18°29	4°32	5°59	22° 6	3°14	1°18	29°40	29°23	13°24	S 12
S 13	3 41 38	24°32'47	26°23	20°34	7°56	11° 9	18°41	4°35	6° 2	22° 6	3°14	1°R19	29°36	29°29	13°25	S 13
M14	3 45 34	25°33'47	9♈ 9	22° 8	8°59	11°52	18°53	4°38	6° 4	22° 5	3°14	1°19	29°33	29°36	13°25	M14
T 15	3 49 31	26°34'47	21°43	23°42	10° 4	12°35	19° 4	4°41	6° 7	22° 5	3°13	1°16	29°30	29°43	13°26	T 15
W16	3 53 27	27°35'49	4♉ 7	25°16	11° 8	13°17	19°16	4°44	6°10	22° 4	3°13	1°12	29°27	29°49	13°27	W16
T 17	3 57 24	28°36'51	16°22	26°51	12°13	14° 0	19°28	4°47	6°13	22° 4	3°12	1° 4	29°24	29°56	13°27	T 17
F 18	4 1 20	29°37'55	28°29	28°25	13°18	14°43	19°39	4°49	6°15	22° 3	3°12	0°54	29°21	0♋ 3	13°28	F 18
S 19	4 5 17	0♐38'59	10♊31	29°59	14°23	15°26	19°51	4°52	6°18	22° 3	3°11	0°43	29°17	0°10	13°28	S 19
S 20	4 9 13	1°40'04	22°28	1♐34	15°28	16° 9	20° 2	4°54	6°20	22° 2	3°11	0°30	29°14	0°16	13°28	S 20
M21	4 13 10	2°41'09	4♋21	3° 8	16°34	16°52	20°13	4°57	6°23	22° 2	3°10	0°18	29°11	0°23	13°28	M21
T 22	4 17 7	3°42'16	16°12	4°43	17°40	17°35	20°24	4°59	6°25	22° 2	3°10	0° 7	29° 8	0°30	13°R28	T 22
W23	4 21 3	4°43'23	28° 4	6°17	18°47	18°18	20°36	5° 1	6°28	22° 2	3° 9	29♍59	29° 5	0°37	13°28	W23
T 24	4 25 0	5°44'31	10♌ 0	7°52	19°53	19° 2	20°47	5° 3	6°30	22° 1	3° 9	29°53	29° 2	0°43	13°28	T 24
F 25	4 28 56	6°45'40	22° 4	9°27	21° 0	19°45	20°58	5° 5	6°32	22° 1	3° 8	29°49	28°58	0°50	13°28	F 25
S 26	4 32 53	7°46'50	4♍21	11° 2	22° 7	20°28	21° 9	5° 7	6°35	22° 1	3° 7	29°D48	28°55	0°57	13°27	S 26
S 27	4 36 49	8°48'00	16°56	12°38	23°15	21°11	21°19	5° 8	6°37	22° 1	3° 7	29°48	28°52	1° 3	13°27	S 27
M28	4 40 46	9°49'12	29°53	14°13	24°22	21°55	21°30	5°10	6°39	22° 1	3° 6	29°R49	28°49	1°10	13°26	M28
T 29	4 44 42	10°50'23	13♎18	15°49	25°30	22°38	21°41	5°11	6°41	22° 1	3° 5	29°48	28°46	1°17	13°25	T 29
W30	4 48 39	11♐51'36	27♎12	17♐25	26♎38	23♏22	21♎51	5♍13	6♎44	22°D 1	3♌ 4	29♍45	28♍42	1♋24	13♌25	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s39	1s52	0n19	11s12	1n 0	2n47	1n 9	12s14	0n16	5s23	1n 9	11n48	1n46	1s34	0n40	4s34	1s36	27n49	8n30	0s48	0s 6	18n27	8n25	8s56
W 2	15 58	6 12	1 33	11 51	0 53	2 28	1 14	12 29	0 15	5 27	1 9	11 47	1 46	1 35	0 40	4 34	1 36	27 49	8 30	0 47	0 5	18 27	8 24	8 57
T 3	16 16	10 17	2 43	12 29	0 46	2 9	1 20	12 44	0 14	5 32	1 9	11 45	1 46	1 36	0 40	4 35	1 36	27 49	8 31	0 46	0 3	18 27	8 23	8 57
F 4	16 34	13 51	3 45	13 7	0 40	1 50	1 24	12 59	0 14	5 37	1 9	11 44	1 46	1 37	0 40	4 35	1 36	27 49	8 31	0 43	0 2	18 27	8 21	8 58
S 5	16 52	16 32	4 31	13 45	0 33	1 30	1 29	13 14	0 13	5 41	1 9	11 43	1 47	1 39	0 40	4 35	1 36	27 50	8 31	0 41	0 1	18 27	8 20	8 59
S 6	17 9	18 7	5 0	14 22	0 26	1 10	1 34	13 28	0 13	5 46	1 9	11 42	1 47	1 40	0 40	4 36	1 36	27 50	8 31	0 38	0n 1	18 27	8 19	9 0
M 7	17 26	18 26	5 8	14 58	0 19	0 49	1 38	13 43	0 12	5 51	1 9	11 41	1 47	1 41	0 40	4 36	1 36	27 50	8 32	0 35	0 2	18 27	8 17	9 1
T 8	17 43	17 30	4 55	15 34	0 12	0 29	1 42	13 58	0 11	5 55	1 9	11 40	1 47	1 42	0 40	4 36	1 36	27 51	8 32	0 33	0 3	18 27	8 16	9 2
W 9	17 59	15 29	4 24	16 9	0 6	0 8	1 46	14 12	0 11	6 0	1 9	11 39	1 48	1 43	0 40	4 36	1 36	27 51	8 32	0 31	0 4	18 27	8 15	9 3
T 10	18 16	12 34	3 38	16 43	0s 1	0s14	1 50	14 26	0 10	6 4	1 9	11 37	1 48	1 44	0 40	4 37	1 36	27 52	8 33	0 31	0 6	18 27	8 14	9 4
F 11	18 31	9 2	2 40	17 16	0 8	0 35	1 54	14 40	0 10	6 9	1 10	11 37	1 48	1 46	0 40	4 37	1 36	27 52	8 33	0 31	0 7	18 27	8 13	9 5
S 12	18 47	5 7	1 35	17 49	0 14	0 57	1 57	14 55	0 9	6 13	1 10	11 36	1 48	1 47	0 40	4 37	1 36	27 52	8 33	0 31	0 8	18 27	8 11	9 6
S 13	19 2	1 2	0 26	18 21	0 21	1 19	2 0	15 9	0 8	6 18	1 10	11 35	1 49	1 48	0 40	4 37	1 36	27 53	8 34	0 32	0 9	18 27	8 10	9 6
M14	19 17	3n 1	0s42	18 52	0 28	1 42	2 4	15 22	0 8	6 22	1 10	11 34	1 49	1 49	0 40	4 37	1 36	27 53	8 34	0 31	0 11	18 27	8 9	9 7
T 15	19 31	6 52	1 47	19 22	0 34	2 4	2 7	15 36	0 7	6 27	1 10	11 33	1 49	1 50	0 40	4 38	1 36	27 53	8 34	0 31	0 12	18 27	8 8	9 8
W16	19 45	10 22	2 46	19 52	0 40	2 27	2 9	15 50	0 7	6 31	1 10	11 32	1 49	1 51	0 40	4 38	1 35	27 54	8 35	0 29	0 13	18 27	8 7	9 9
T 17	19 59	13 23	3 37	20 20	0 46	2 50	2 12	16 3	0 6	6 35	1 10	11 31	1 50	1 52	0 40	4 38	1 35	27 54	8 35	0 26	0 15	18 27	8 6	9 10
F 18	20 13	15 47	4 17	20 48	0 52	3 13	2 15	16 17	0 5	6 39	1 10	11 31	1 50	1 53	0 40	4 38	1 35	27 55	8 35	0 22	0 16	18 27	8 5	9 11
S 19	20 26	17 29	4 45	21 14	0 58	3 36	2 17	16 30	0 5	6 44	1 10	11 30	1 50	1 54	0 40	4 38	1 35	27 55	8 35	0 17	0 17	18 27	8 4	9 12
S 20	20 38	18 24	5 0	21 39	1 4	4 0	2 19	16 43	0 4	6 48	1 10	11 29	1 50	1 55	0 40	4 38	1 35	27 55	8 36	0 12	0 18	18 27	8 3	9 13
M21	20 50	18 30	5 2	22 4	1 10	4 23	2 21	16 56	0 3	6 52	1 10	11 29	1 51	1 56	0 40	4 38	1 35	27 56	8 36	0 7	0 20	18 27	8 2	9 14
T 22	21 2	17 48	4 51	22 27	1 15	4 47	2 23	17 9	0 3	6 56	1 11	11 28	1 51	1 57	0 40	4 38	1 35	27 56	8 36	0 3	0 21	18 27	8 2	9 15
W23	21 14	16 19	4 28	22 49	1 20	5 10	2 25	17 22	0 2	7 0	1 11	11 28	1 51	1 58	0 40	4 38	1 35	27 57	8 37	0n 1	0 22	18 27	8 1	9 16
T 24	21 25	14 8	3 53	23 10	1 25	5 34	2 27	17 34	0 2	7 4	1 11	11 27	1 51	1 59	0 40	4 38	1 35	27 57	8 37	0 3	0 23	18 27	8 0	9 16
F 25	21 35	11 19	3 6	23 30	1 30	5 58	2 28	17 47	0 1	7 9	1 11	11 27	1 52	2 0	0 40	4 38	1 35	27 58	8 37	0 4	0 25	18 27	7 59	9 17
S 26	21 45	7 57	2 11	23 49	1 35	6 22	2 30	17 59	0 0	7 13	1 11	11 26	1 52	2 1	0 40	4 38	1 35	27 58	8 37	0 5	0 26	18 27	7 58	9 18
S 27	21 55	4 9	1 8	24 6	1 39	6 46	2 31	18 11	0s 0	7 16	1 11	11 26	1 52	2 2	0 40	4 38	1 35	27 58	8 38	0 5	0 27	18 27	7 58	9 19
M28	22 4	0 3	0n 0	24 22	1 43	7 9	2 32	18 23	0 1	7 20	1 11	11 25	1 53	2 2	0 41	4 38	1 35	27 59	8 38	0 5	0 28	18 27	7 57	9 20
T 29	22 13	4s12	1 11	24 37	1 47	7 33	2 33	18 35	0 2	7 24	1 11	11 25	1 53	2 3	0 41	4 38	1 35	27 59	8 38	0 5	0 30	18 27	7 56	9 21
W30	22s22	8s22	2n20	24s50	1s51	7s57	2n34	18s47	0s 2	7s28	1n11	11n25	1n53	2s 4	0n41	4s38	1s35	28n 0	8n39	0n 6	0n31	18n27	7n56	9s22

Julian Day Number = 1981420.5, Delta T = 58m52s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'40, Lahiri = 5°55'41 Julian Calendar 1 Nov. 712 == Greg. Calendar 5 Nov. 712

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ASTRODIENST EPHEMERIS for the year 712
geocentric

DECEMBER 712 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 52 36	12♐52'49	11♏35	19♐ 1	27♎46	24♏ 5	22♎ 2	5♍14	6♎46	22♓ 1	3°R 3	29°R40	28♍39	1♋30	13°R24	T 1
F 2	4 56 32	13°54'03	26°26	20°37	28°54	24°49	22°12	5°15	6°48	22° 1	3♌ 3	29♍31	28°36	1°37	13♌23	F 2
S 3	5 0 29	14°55'17	11♐35	22°14	0♏ 3	25°32	22°23	5°16	6°50	22° 1	3° 2	29°21	28°33	1°44	13°22	S 3
S 4	5 4 25	15°56'31	26°54	23°51	1°12	26°16	22°33	5°17	6°51	22° 1	3° 1	29° 9	28°30	1°50	13°20	S 4
M 5	5 8 22	16°57'46	12♑11	25°27	2°21	27° 0	22°43	5°18	6°53	22° 1	3° 0	28°58	28°27	1°57	13°19	M 5
T 6	5 12 18	17°59'00	27°13	27° 4	3°30	27°43	22°53	5°19	6°55	22° 2	2°59	28°49	28°23	2° 4	13°18	T 6
W 7	5 16 15	19° 0'15	11♒54	28°42	4°39	28°27	23° 3	5°19	6°57	22° 2	2°58	28°42	28°20	2°11	13°16	W 7
T 8	5 20 11	20° 1'29	26° 9	0♑19	5°48	29°11	23°13	5°20	6°59	22° 2	2°57	28°38	28°17	2°17	13°15	T 8
F 9	5 24 8	21° 2'43	9♓55	1°56	6°58	29°55	23°22	5°20	7° 0	22° 2	2°56	28°36	28°14	2°24	13°13	F 9
S 10	5 28 5	22° 3'56	23°15	3°33	8° 7	0♐39	23°32	5°20	7° 2	22° 3	2°55	28°36	28°11	2°31	13°11	S 10
S 11	5 32 1	23° 5'09	6♈11	5°10	9°17	1°23	23°41	5°21	7° 4	22° 3	2°54	28°36	28° 8	2°38	13° 9	S 11
M12	5 35 58	24° 6'22	18°49	6°47	10°27	2° 7	23°51	5°R21	7° 5	22° 3	2°53	28°34	28° 4	2°44	13° 8	M12
T 13	5 39 54	25° 7'35	1♉11	8°24	11°37	2°51	24° 0	5°21	7° 6	22° 4	2°52	28°31	28° 1	2°51	13° 5	T 13
W14	5 43 51	26° 8'47	13°23	10° 0	12°47	3°35	24° 9	5°20	7° 8	22° 4	2°51	28°25	27°58	2°58	13° 3	W14
T 15	5 47 47	27° 9'58	25°27	11°36	13°57	4°19	24°18	5°20	7° 9	22° 5	2°50	28°15	27°55	3° 4	13° 1	T 15
F 16	5 51 44	28°11'10	7♊25	13°11	15° 7	5° 3	24°27	5°20	7°11	22° 5	2°49	28° 3	27°52	3°11	12°59	F 16
S 17	5 55 40	29°12'21	19°21	14°44	16°18	5°47	24°36	5°19	7°12	22° 6	2°48	27°49	27°48	3°18	12°57	S 17
S 18	5 59 37	0♑13'31	1♋14	16°17	17°29	6°31	24°45	5°19	7°13	22° 7	2°46	27°34	27°45	3°25	12°54	S 18
M19	6 3 34	1°14'41	13° 7	17°48	18°39	7°15	24°53	5°18	7°14	22° 7	2°45	27°19	27°42	3°31	12°52	M19
T 20	6 7 30	2°15'51	25° 0	19°17	19°50	8° 0	25° 2	5°17	7°15	22° 8	2°44	27° 5	27°39	3°38	12°49	T 20
W21	6 11 27	3°17'01	6♌55	20°44	21° 1	8°44	25°10	5°16	7°16	22° 9	2°43	26°54	27°36	3°45	12°46	W21
T 22	6 15 23	4°18'10	18°54	22° 9	22°12	9°28	25°18	5°15	7°17	22° 9	2°42	26°46	27°33	3°52	12°43	T 22
F 23	6 19 20	5°19'19	1♍ 1	23°29	23°23	10°13	25°26	5°14	7°18	22°10	2°40	26°41	27°29	3°58	12°41	F 23
S 24	6 23 16	6°20'27	13°18	24°46	24°34	10°57	25°34	5°13	7°19	22°11	2°39	26°38	27°26	4° 5	12°38	S 24
S 25	6 27 13	7°21'35	25°50	25°59	25°46	11°42	25°42	5°11	7°20	22°12	2°38	26°D38	27°23	4°12	12°35	S 25
M26	6 31 10	8°22'43	8♎42	27° 6	26°57	12°26	25°50	5°10	7°21	22°13	2°36	26°R38	27°20	4°18	12°32	M26
T 27	6 35 6	9°23'51	21°57	28° 7	28° 9	13°11	25°57	5° 8	7°21	22°14	2°35	26°37	27°17	4°25	12°28	T 27
W28	6 39 3	10°24'58	5♏40	29° 2	29°20	13°55	26° 5	5° 7	7°22	22°15	2°34	26°35	27°14	4°32	12°25	W28
T 29	6 42 59	11°26'04	19°52	29°48	0♐32	14°40	26°12	5° 5	7°23	22°16	2°33	26°30	27°10	4°39	12°22	T 29
F 30	6 46 56	12°27'10	4♐32	0♒26	1°43	15°25	26°19	5° 3	7°23	22°17	2°31	26°23	27° 7	4°45	12°19	F 30
S 31	6 50 52	13♑28'16	19♐35	0♒55	2♐55	16♐ 9	26♎26	5♍ 1	7♎24	22♓18	2♌30	26♍13	27♍ 4	4♋52	12♌15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s30	12s13	3n22	25s 3	1s54	8s21	2n34	18s58	0s 3	7s32	1n12	11n25	1n53	2s 5	0n41	4s38	1s35	28n 0	8n39	0n 8	0n32	18n27	7n55	9s23
F 2	22 37	15 23	4 13	25 13	1 57	8 45	2 35	19 10	0 4	7 36	1 12	11 24	1 54	2 6	0 41	4 38	1 35	28 1	8 39	0 11	0 34	18 27	7 55	9 23
S 3	22 45	17 36	4 47	25 22	2 0	9 9	2 35	19 21	0 4	7 39	1 12	11 24	1 54	2 6	0 41	4 38	1 35	28 1	8 39	0 16	0 35	18 27	7 54	9 24
S 4	22 51	18 33	5 1	25 30	2 2	9 32	2 36	19 32	0 5	7 43	1 12	11 24	1 54	2 7	0 41	4 38	1 35	28 2	8 40	0 20	0 36	18 27	7 54	9 25
M 5	22 58	18 11	4 53	25 36	2 5	9 56	2 36	19 43	0 6	7 47	1 12	11 24	1 54	2 8	0 41	4 38	1 35	28 2	8 40	0 25	0 37	18 27	7 53	9 26
T 6	23 3	16 31	4 25	25 40	2 6	10 20	2 36	19 53	0 6	7 50	1 12	11 24	1 55	2 9	0 41	4 38	1 35	28 3	8 40	0 28	0 39	18 27	7 53	9 27
W 7	23 9	13 49	3 40	25 43	2 8	10 43	2 36	20 4	0 7	7 54	1 12	11 24	1 55	2 9	0 41	4 38	1 34	28 3	8 40	0 31	0 40	18 27	7 52	9 28
T 8	23 13	10 20	2 43	25 45	2 8	11 6	2 35	20 14	0 8	7 57	1 12	11 24	1 55	2 10	0 41	4 38	1 34	28 4	8 41	0 33	0 41	18 27	7 52	9 28
F 9	23 18	6 24	1 37	25 44	2 9	11 29	2 35	20 24	0 8	8 1	1 13	11 24	1 56	2 10	0 41	4 37	1 34	28 4	8 41	0 34	0 42	18 27	7 52	9 29
S 10	23 22	2 16	0 28	25 42	2 9	11 52	2 35	20 34	0 9	8 4	1 13	11 25	1 56	2 11	0 41	4 37	1 34	28 5	8 41	0 34	0 44	18 27	7 51	9 30
S 11	23 25	1n52	0s40	25 38	2 8	12 15	2 34	20 44	0 10	8 8	1 13	11 25	1 56	2 12	0 41	4 37	1 34	28 5	8 41	0 34	0 45	18 27	7 51	9 31
M12	23 28	5 48	1 45	25 33	2 7	12 38	2 33	20 53	0 10	8 11	1 13	11 25	1 56	2 12	0 41	4 37	1 34	28 6	8 42	0 34	0 46	18 27	7 51	9 32
T 13	23 31	9 25	2 43	25 25	2 6	13 0	2 33	21 3	0 11	8 14	1 13	11 25	1 57	2 13	0 41	4 37	1 34	28 6	8 42	0 36	0 48	18 27	7 51	9 32
W14	23 33	12 35	3 33	25 16	2 3	13 22	2 32	21 12	0 12	8 18	1 13	11 26	1 57	2 13	0 41	4 36	1 34	28 7	8 42	0 38	0 49	18 27	7 51	9 33
T 15	23 34	15 10	4 12	25 6	2 1	13 44	2 31	21 21	0 12	8 21	1 13	11 26	1 57	2 14	0 41	4 36	1 34	28 7	8 42	0 42	0 50	18 27	7 50	9 34
F 16	23 35	17 5	4 40	24 53	1 57	14 6	2 30	21 30	0 13	8 24	1 14	11 26	1 57	2 14	0 41	4 36	1 34	28 7	8 43	0 47	0 51	18 27	7 50	9 35
S 17	23 36	18 15	4 56	24 39	1 53	14 27	2 29	21 38	0 14	8 27	1 14	11 27	1 58	2 15	0 41	4 36	1 34	28 8	8 43	0 52	0 53	18 26	7 50	9 35
S 18	23 36	18 37	4 58	24 23	1 48	14 49	2 27	21 47	0 14	8 30	1 14	11 27	1 58	2 15	0 41	4 35	1 34	28 8	8 43	0 59	0 54	18 26	7 50	9 36
M19	23 36	18 10	4 48	24 6	1 42	15 9	2 26	21 55	0 15	8 33	1 14	11 28	1 58	2 16	0 41	4 35	1 34	28 9	8 43	1 5	0 55	18 26	7 50	9 37
T 20	23 35	16 56	4 25	23 47	1 36	15 30	2 24	22 3	0 16	8 36	1 14	11 28	1 58	2 16	0 41	4 35	1 34	28 9	8 43	1 10	0 56	18 26	7 50	9 37
W21	23 34	14 57	3 50	23 27	1 28	15 50	2 23	22 11	0 16	8 39	1 14	11 29	1 59	2 16	0 41	4 34	1 34	28 10	8 44	1 14	0 58	18 26	7 50	9 38
T 22	23 32	12 20	3 5	23 5	1 20	16 10	2 21	22 18	0 17	8 42	1 15	11 29	1 59	2 17	0 41	4 34	1 34	28 10	8 44	1 18	0 59	18 26	7 51	9 39
F 23	23 30	9 9	2 11	22 42	1 11	16 30	2 19	22 25	0 18	8 45	1 15	11 30	1 59	2 17	0 41	4 34	1 34	28 11	8 44	1 20	1 0	18 26	7 51	9 39
S 24	23 27	5 32	1 10	22 19	1 0	16 49	2 18	22 32	0 18	8 47	1 15	11 31	2 0	2 17	0 41	4 33	1 34	28 11	8 44	1 21	1 2	18 26	7 51	9 40
S 25	23 24	1 36	0 4	21 54	0 49	17 8	2 16	22 39	0 19	8 50	1 15	11 32	2 0	2 18	0 41	4 33	1 34	28 12	8 44	1 21	1 3	18 26	7 51	9 41
M26	23 20	2s30	1n 4	21 29	0 37	17 26	2 14	22 46	0 20	8 53	1 15	11 32	2 0	2 18	0 41	4 32	1 34	28 12	8 45	1 21	1 4	18 26	7 51	9 41
T 27	23 16	6 36	2 10	21 4	0 24	17 45	2 12	22 52	0 20	8 55	1 15	11 33	2 0	2 18	0 41	4 32	1 34	28 13	8 45	1 21	1 5	18 26	7 52	9 42
W28	23 11	10 30	3 11	20 39	0 9	18 2	2 10	22 59	0 21	8 58	1 16	11 34	2 1	2 18	0 41	4 32	1 33	28 13	8 45	1 22	1 7	18 25	7 52	9 42
T 29	23 6	13 56	4 3	20 14	0n 6	18 19	2 7	23 4	0 22	9 0	1 16	11 35	2 1	2 19	0 42	4 31	1 33	28 14	8 45	1 24	1 8	18 25	7 52	9 43
F 30	23 1	16 36	4 40	19 50	0 22	18 36	2 5	23 10	0 22	9 3	1 16	11 36	2 1	2 19	0 42	4 31	1 33	28 14	8 45	1 27	1 9	18 25	7 53	9 43
S 31	22s55	18s13	5n 0	19s28	0n39	18s53	2n 3	23s16	0s23	9s 5	1n16	11n37	2n 1	2s19	0n42	4s30	1s33	28n15	8n45	1n31	1n10	18n25	7n53	9s44

Julian Day Number = 1981450.5, Delta T = 58m51s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'44, Lahiri = 5°55'45 Julian Calendar 1 Dec. 712 == Greg. Calendar 5 Dec. 712

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ASTRODIENST EPHEMERIS for the year 713
geocentric

JANUARY 713 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 54 49	14♑29'21	4♑52	1♒13	4♐ 7	16♐54	26♎33	4°R59	7♎24	22♓19	2°R29	26°R 2	27♍ 1	4♋59	12°R12	S 1
M 2	6 58 45	15°30'25	20°13	1°R21	5°19	17°39	26°39	4♍57	7°24	22°20	2♌27	25♍51	26°58	5° 5	12♌ 8	M 2
T 3	7 2 42	16°31'28	5♒26	1°17	6°31	18°24	26°46	4°55	7°25	22°21	2°26	25°42	26°54	5°12	12° 4	T 3
W 4	7 6 39	17°32'30	20°19	1° 2	7°43	19° 8	26°52	4°52	7°25	22°22	2°24	25°35	26°51	5°19	12° 1	W 4
T 5	7 10 35	18°33'31	4♓47	0°35	8°55	19°53	26°59	4°50	7°25	22°23	2°23	25°31	26°48	5°26	11°57	T 5
F 6	7 14 32	19°34'30	18°45	29♑58	10° 7	20°38	27° 5	4°47	7°25	22°25	2°22	25°29	26°45	5°32	11°53	F 6
S 7	7 18 28	20°35'28	2♈14	29°10	11°19	21°23	27°11	4°45	7°25	22°26	2°20	25°D29	26°42	5°39	11°50	S 7
S 8	7 22 25	21°36'25	15°17	28°14	12°32	22° 8	27°16	4°42	7°R25	22°27	2°19	25°R29	26°39	5°46	11°46	S 8
M 9	7 26 21	22°37'20	27°56	27°10	13°44	22°53	27°22	4°39	7°25	22°29	2°17	25°29	26°35	5°53	11°42	M 9
T 10	7 30 18	23°38'14	10♉18	26° 2	14°56	23°38	27°28	4°36	7°25	22°30	2°16	25°28	26°32	5°59	11°38	T 10
W11	7 34 14	24°39'07	22°26	24°50	16° 9	24°23	27°33	4°33	7°25	22°31	2°14	25°24	26°29	6° 6	11°34	W11
T 12	7 38 11	25°39'58	4♊25	23°36	17°21	25° 8	27°38	4°30	7°25	22°33	2°13	25°18	26°26	6°13	11°30	T 12
F 13	7 42 8	26°40'47	16°19	22°24	18°33	25°54	27°43	4°27	7°25	22°34	2°12	25° 9	26°23	6°19	11°26	F 13
S 14	7 46 4	27°41'35	28°11	21°14	19°46	26°39	27°48	4°24	7°24	22°36	2°10	24°58	26°20	6°26	11°22	S 14
S 15	7 50 1	28°42'22	10♋ 3	20° 9	20°59	27°24	27°52	4°20	7°24	22°37	2° 9	24°47	26°16	6°33	11°18	S 15
M16	7 53 57	29°43'07	21°57	19° 9	22°11	28° 9	27°57	4°17	7°24	22°39	2° 7	24°35	26°13	6°40	11°13	M16
T 17	7 57 54	0♒43'51	3♌54	18°16	23°24	28°54	28° 1	4°13	7°23	22°40	2° 6	24°25	26°10	6°46	11° 9	T 17
W18	8 1 50	1°44'34	15°57	17°31	24°36	29°40	28° 5	4°10	7°23	22°42	2° 4	24°17	26° 7	6°53	11° 5	W18
T 19	8 5 47	2°45'15	28° 6	16°53	25°49	0♑25	28° 9	4° 6	7°22	22°43	2° 3	24°11	26° 4	7° 0	11° 1	T 19
F 20	8 9 43	3°45'54	10♍22	16°24	27° 2	1°10	28°13	4° 2	7°21	22°45	2° 1	24° 8	26° 0	7° 6	10°57	F 20
S 21	8 13 40	4°46'33	22°49	16° 2	28°15	1°56	28°17	3°59	7°21	22°47	2° 0	24°D 6	25°57	7°13	10°52	S 21
S 22	8 17 37	5°47'09	5♎29	15°49	29°27	2°41	28°20	3°55	7°20	22°48	1°59	24° 7	25°54	7°20	10°48	S 22
M23	8 21 33	6°47'45	18°24	15°D43	0♑40	3°27	28°24	3°51	7°19	22°50	1°57	24° 8	25°51	7°27	10°44	M23
T 24	8 25 30	7°48'20	1♏38	15°44	1°53	4°12	28°27	3°47	7°18	22°52	1°56	24°R 9	25°48	7°33	10°39	T 24
W25	8 29 26	8°48'53	15°14	15°52	3° 6	4°58	28°30	3°43	7°17	22°53	1°54	24° 9	25°45	7°40	10°35	W25
T 26	8 33 23	9°49'25	29°13	16° 7	4°19	5°43	28°32	3°39	7°16	22°55	1°53	24° 8	25°41	7°47	10°31	T 26
F 27	8 37 19	10°49'55	13♐36	16°27	5°32	6°29	28°35	3°35	7°15	22°57	1°51	24° 4	25°38	7°54	10°26	F 27
S 28	8 41 16	11°50'25	28°19	16°53	6°45	7°14	28°37	3°30	7°14	22°59	1°50	23°59	25°35	8° 0	10°22	S 28
S 29	8 45 12	12°50'52	13♑17	17°24	7°58	8° 0	28°39	3°26	7°13	23° 0	1°49	23°52	25°32	8° 7	10°18	S 29
M30	8 49 9	13°51'19	28°21	17°59	9°11	8°46	28°41	3°22	7°12	23° 2	1°47	23°46	25°29	8°14	10°13	M30
T 31	8 53 6	14♒51'43	13♒23	18♑39	10♑24	9♑31	28♎43	3♍18	7♎11	23♓ 4	1♌46	23♍40	25♍26	8♋20	10♌ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s49	18s33	4n58	19s 7	0n56	19s 9	2n 0	23s21	0s24	9s 7	1n16	11n38	2n 2	2s19	0n42	4s30	1s33	28n15	8n46	1n35	1n12	18n25	7n54	9s45
M 2	22 42	17 32	4 35	18 47	1 14	19 24	1 58	23 26	0 25	9 10	1 16	11 39	2 2	2 19	0 42	4 29	1 33	28 16	8 46	1 39	1 13	18 25	7 54	9 45
T 3	22 34	15 17	3 53	18 30	1 33	19 39	1 55	23 31	0 25	9 12	1 17	11 40	2 2	2 19	0 42	4 29	1 33	28 16	8 46	1 43	1 14	18 25	7 54	9 46
W 4	22 27	12 3	2 55	18 16	1 51	19 53	1 53	23 35	0 26	9 14	1 17	11 41	2 2	2 19	0 42	4 28	1 33	28 17	8 46	1 46	1 16	18 25	7 55	9 46
T 5	22 18	8 9	1 48	18 4	2 9	20 7	1 50	23 39	0 27	9 16	1 17	11 42	2 3	2 19	0 42	4 28	1 33	28 17	8 46	1 48	1 17	18 24	7 56	9 46
F 6	22 10	3 56	0 36	17 55	2 26	20 21	1 48	23 43	0 27	9 18	1 17	11 43	2 3	2 20	0 42	4 27	1 33	28 18	8 46	1 48	1 18	18 24	7 56	9 47
S 7	22 1	0n21	0s36	17 49	2 42	20 34	1 45	23 47	0 28	9 20	1 17	11 45	2 3	2 20	0 42	4 27	1 33	28 18	8 46	1 48	1 19	18 24	7 57	9 47
S 8	21 51	4 28	1 44	17 46	2 57	20 46	1 42	23 51	0 29	9 22	1 18	11 46	2 3	2 19	0 42	4 26	1 33	28 19	8 47	1 48	1 21	18 24	7 57	9 48
M 9	21 41	8 16	2 44	17 45	3 10	20 58	1 39	23 54	0 29	9 24	1 18	11 47	2 3	2 19	0 42	4 26	1 33	28 19	8 47	1 48	1 22	18 24	7 58	9 48
T 10	21 31	11 36	3 35	17 48	3 21	21 9	1 36	23 57	0 30	9 26	1 18	11 48	2 4	2 19	0 42	4 25	1 33	28 20	8 47	1 49	1 23	18 24	7 59	9 48
W11	21 20	14 23	4 16	17 52	3 30	21 20	1 33	24 0	0 31	9 27	1 18	11 50	2 4	2 19	0 42	4 24	1 33	28 20	8 47	1 50	1 24	18 24	8 0	9 49
T 12	21 9	16 31	4 44	17 58	3 36	21 30	1 30	24 2	0 32	9 29	1 18	11 51	2 4	2 19	0 42	4 24	1 33	28 20	8 47	1 53	1 26	18 23	8 0	9 49
F 13	20 58	17 55	5 1	18 6	3 40	21 39	1 27	24 5	0 32	9 31	1 19	11 52	2 4	2 19	0 42	4 23	1 33	28 21	8 47	1 57	1 27	18 23	8 1	9 49
S 14	20 46	18 32	5 4	18 16	3 42	21 48	1 24	24 7	0 33	9 32	1 19	11 54	2 5	2 19	0 42	4 23	1 33	28 21	8 47	2 1	1 28	18 23	8 2	9 50
S 15	20 34	18 20	4 54	18 26	3 41	21 56	1 21	24 8	0 34	9 34	1 19	11 55	2 5	2 19	0 42	4 22	1 33	28 22	8 47	2 5	1 30	18 23	8 3	9 50
M16	20 21	17 21	4 31	18 37	3 38	22 4	1 18	24 10	0 34	9 35	1 19	11 57	2 5	2 19	0 42	4 21	1 33	28 22	8 47	2 10	1 31	18 23	8 4	9 50
T 17	20 8	15 35	3 56	18 49	3 34	22 11	1 15	24 11	0 35	9 36	1 19	11 58	2 5	2 18	0 42	4 21	1 33	28 23	8 48	2 14	1 32	18 23	8 4	9 50
W18	19 54	13 8	3 10	19 1	3 27	22 17	1 12	24 12	0 36	9 38	1 20	12 0	2 5	2 18	0 42	4 20	1 33	28 23	8 48	2 17	1 33	18 22	8 5	9 51
T 19	19 41	10 6	2 15	19 14	3 19	22 23	1 9	24 13	0 36	9 39	1 20	12 1	2 6	2 18	0 42	4 19	1 33	28 24	8 48	2 20	1 35	18 22	8 6	9 51
F 20	19 27	6 36	1 13	19 26	3 10	22 28	1 6	24 13	0 37	9 40	1 20	12 3	2 6	2 18	0 42	4 19	1 33	28 24	8 48	2 21	1 36	18 22	8 7	9 51
S 21	19 12	2 46	0 7	19 39	3 0	22 33	1 3	24 13	0 38	9 41	1 20	12 4	2 6	2 17	0 42	4 18	1 33	28 24	8 48	2 21	1 37	18 22	8 8	9 51
S 22	18 57	1s15	1n 1	19 51	2 50	22 37	0 59	24 13	0 39	9 42	1 20	12 6	2 6	2 17	0 42	4 17	1 33	28 25	8 48	2 21	1 38	18 22	8 9	9 51
M23	18 42	5 18	2 7	20 3	2 38	22 40	0 56	24 13	0 39	9 43	1 21	12 7	2 6	2 17	0 42	4 17	1 32	28 25	8 48	2 21	1 40	18 22	8 10	9 51
T 24	18 27	9 11	3 9	20 14	2 27	22 42	0 53	24 12	0 40	9 44	1 21	12 9	2 7	2 16	0 42	4 16	1 32	28 26	8 48	2 20	1 41	18 21	8 11	9 51
W25	18 11	12 40	4 1	20 25	2 15	22 44	0 50	24 11	0 41	9 45	1 21	12 11	2 7	2 16	0 42	4 15	1 32	28 26	8 48	2 20	1 42	18 21	8 12	9 52
T 26	17 55	15 33	4 41	20 36	2 3	22 45	0 47	24 10	0 41	9 46	1 21	12 12	2 7	2 15	0 42	4 15	1 32	28 26	8 48	2 21	1 43	18 21	8 13	9 52
F 27	17 38	17 33	5 4	20 45	1 51	22 46	0 43	24 9	0 42	9 47	1 21	12 14	2 7	2 15	0 42	4 14	1 32	28 27	8 48	2 22	1 45	18 21	8 14	9 52
S 28	17 21	18 27	5 8	20 54	1 39	22 46	0 40	24 7	0 43	9 47	1 22	12 16	2 7	2 15	0 42	4 13	1 32	28 27	8 48	2 24	1 46	18 21	8 16	9 52
S 29	17 4	18 6	4 52	21 2	1 27	22 45	0 37	24 5	0 43	9 48	1 22	12 17	2 7	2 14	0 43	4 12	1 32	28 27	8 48	2 27	1 47	18 20	8 17	9 52
M30	16 47	16 28	4 15	21 9	1 15	22 43	0 34	24 3	0 44	9 48	1 22	12 19	2 8	2 14	0 43	4 12	1 32	28 28	8 48	2 29	1 49	18 20	8 18	9 52
T 31	16s29	13s43	3n21	21s15	1n 3	22s41	0n30	24s 0	0s45	9s49	1n22	12n21	2n 8	2s13	0n43	4s11	1s32	28n28	8n48	2n32	1n50	18n20	8n19	9s51

Julian Day Number = 1981481.5, Delta T = 58m51s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'49, Lahiri = 5°55'49 Julian Calendar 1 Jan. 713 == Greg. Calendar 5 Jan. 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

FEBRUARY 713 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 57 2	15♒52'06	28♒12	19♉23	11♉37	10♉17	28♎45	3°R13	7°R10	23♓ 6	1°R44	23°R36	25♍22	8♋27	10°R 5	W 1
T 2	9 0 59	16°52'27	12♓42	20°11	12°50	11° 3	28°46	3♍ 9	7♎ 8	23° 8	1♌43	23♍34	25°19	8°34	10♌ 0	T 2
F 3	9 4 55	17°52'45	26°46	21° 2	14° 3	11°48	28°48	3° 4	7° 7	23°10	1°41	23°D34	25°16	8°41	9°56	F 3
S 4	9 8 52	18°53'02	10♈23	21°56	15°17	12°34	28°49	3° 0	7° 6	23°12	1°40	23°35	25°13	8°47	9°52	S 4
S 5	9 12 48	19°53'17	23°34	22°54	16°30	13°20	28°50	2°55	7° 4	23°14	1°39	23°36	25°10	8°54	9°48	S 5
M 6	9 16 45	20°53'30	6♉20	23°54	17°43	14° 6	28°50	2°51	7° 3	23°16	1°37	23°38	25° 6	9° 1	9°43	M 6
T 7	9 20 41	21°53'40	18°47	24°56	18°56	14°52	28°51	2°46	7° 1	23°18	1°36	23°R39	25° 3	9° 7	9°39	T 7
W 8	9 24 38	22°53'49	0♊57	26° 1	20° 9	15°37	28°51	2°41	7° 0	23°20	1°35	23°38	25° 0	9°14	9°35	W 8
T 9	9 28 35	23°53'55	12°57	27° 9	21°22	16°23	28°R51	2°37	6°58	23°22	1°33	23°37	24°57	9°21	9°31	T 9
F 10	9 32 31	24°53'59	24°50	28°18	22°36	17° 9	28°51	2°32	6°57	23°24	1°32	23°34	24°54	9°28	9°27	F 10
S 11	9 36 28	25°54'01	6♋42	29°30	23°49	17°55	28°51	2°27	6°55	23°26	1°31	23°30	24°51	9°34	9°23	S 11
S 12	9 40 24	26°54'01	18°34	0♒43	25° 2	18°41	28°51	2°23	6°53	23°28	1°29	23°25	24°47	9°41	9°19	S 12
M13	9 44 21	27°53'59	0♌31	1°58	26°15	19°27	28°50	2°18	6°51	23°30	1°28	23°20	24°44	9°48	9°15	M13
T 14	9 48 17	28°53'54	12°35	3°15	27°29	20°13	28°49	2°13	6°50	23°32	1°27	23°16	24°41	9°54	9°11	T 14
W15	9 52 14	29°53'48	24°48	4°33	28°42	20°59	28°48	2° 8	6°48	23°34	1°26	23°13	24°38	10° 1	9° 7	W15
T 16	9 56 10	0♓53'39	7♍10	5°54	29°55	21°45	28°47	2° 4	6°46	23°36	1°24	23°11	24°35	10° 8	9° 3	T 16
F 17	10 0 7	1°53'28	19°43	7°15	1♒ 8	22°31	28°46	1°59	6°44	23°38	1°23	23°D10	24°31	10°15	8°59	F 17
S 18	10 4 3	2°53'16	2♎27	8°38	2°22	23°17	28°44	1°54	6°42	23°41	1°22	23°10	24°28	10°21	8°55	S 18
S 19	10 8 0	3°53'01	15°25	10° 3	3°35	24° 3	28°42	1°49	6°40	23°43	1°21	23°11	24°25	10°28	8°51	S 19
M20	10 11 57	4°52'45	28°36	11°29	4°48	24°49	28°40	1°45	6°38	23°45	1°20	23°13	24°22	10°35	8°48	M20
T 21	10 15 53	5°52'27	12♏ 1	12°57	6° 2	25°35	28°38	1°40	6°36	23°47	1°18	23°14	24°19	10°42	8°44	T 21
W22	10 19 50	6°52'07	25°41	14°25	7°15	26°21	28°36	1°35	6°34	23°49	1°17	23°15	24°16	10°48	8°40	W22
T 23	10 23 46	7°51'46	9♐37	15°56	8°28	27° 7	28°34	1°31	6°32	23°51	1°16	23°R15	24°12	10°55	8°37	T 23
F 24	10 27 43	8°51'22	23°48	17°27	9°42	27°53	28°31	1°26	6°30	23°54	1°15	23°15	24° 9	11° 2	8°33	F 24
S 25	10 31 39	9°50'57	8♑11	19° 0	10°55	28°39	28°28	1°21	6°27	23°56	1°14	23°14	24° 6	11° 8	8°30	S 25
S 26	10 35 36	10°50'31	22°44	20°34	12° 9	29°25	28°25	1°16	6°25	23°58	1°13	23°12	24° 3	11°15	8°27	S 26
M27	10 39 32	11°50'02	7♒22	22°10	13°22	0♒11	28°22	1°12	6°23	24° 0	1°12	23°11	24° 0	11°22	8°23	M27
T 28	10 43 29	12♓49'31	21♒58	23♒46	14♒35	0♒57	28♎19	1♍ 7	6♎21	24♓ 2	1♌11	23♍ 9	23♍57	11♋29	8♌20	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s11	10s 5	2n14	21s21	0n51	22s38	0n27	23s57	0s46	9s49	1n22	12n23	2n 8	2s13	0n43	4s10	1s32	28n29	8n48	2n33	1n51	18n20	8n20	9s51
T 2	15 53	5 56	0 59	21 25	0 40	22 35	0 24	23 54	0 46	9 49	1 23	12 24	2 8	2 12	0 43	4 9	1 32	28 29	8 48	2 34	1 52	18 20	8 21	9 51
F 3	15 35	1 34	0s17	21 28	0 29	22 31	0 21	23 51	0 47	9 50	1 23	12 26	2 8	2 12	0 43	4 8	1 32	28 29	8 48	2 34	1 54	18 19	8 23	9 51
S 4	15 16	2n45	1 31	21 30	0 18	22 26	0 18	23 48	0 48	9 50	1 23	12 28	2 8	2 11	0 43	4 8	1 32	28 30	8 48	2 34	1 55	18 19	8 24	9 51
S 5	14 57	6 47	2 36	21 31	0 8	22 20	0 14	23 44	0 48	9 50	1 23	12 30	2 8	2 10	0 43	4 7	1 32	28 30	8 48	2 33	1 56	18 19	8 25	9 51
M 6	14 38	10 23	3 32	21 30	0s 2	22 14	0 11	23 40	0 49	9 50	1 24	12 31	2 8	2 10	0 43	4 6	1 32	28 30	8 48	2 33	1 57	18 19	8 26	9 51
T 7	14 18	13 24	4 17	21 29	0 12	22 7	0 8	23 35	0 50	9 50	1 24	12 33	2 9	2 9	0 43	4 5	1 32	28 30	8 48	2 32	1 59	18 18	8 28	9 51
W 8	13 59	15 47	4 49	21 26	0 21	22 0	0 5	23 31	0 50	9 50	1 24	12 35	2 9	2 8	0 43	4 4	1 32	28 31	8 48	2 33	2 0	18 18	8 29	9 50
T 9	13 39	17 25	5 7	21 22	0 30	21 52	0 2	23 26	0 51	9 50	1 24	12 37	2 9	2 8	0 43	4 4	1 32	28 31	8 48	2 33	2 1	18 18	8 30	9 50
F 10	13 19	18 18	5 13	21 17	0 39	21 43	0s 1	23 21	0 52	9 50	1 24	12 39	2 9	2 7	0 43	4 3	1 32	28 31	8 48	2 34	2 2	18 18	8 31	9 50
S 11	12 58	18 22	5 5	21 10	0 48	21 33	0 4	23 16	0 52	9 49	1 25	12 40	2 9	2 6	0 43	4 2	1 32	28 32	8 48	2 36	2 4	18 17	8 33	9 50
S 12	12 38	17 37	4 43	21 2	0 56	21 23	0 7	23 10	0 53	9 49	1 25	12 42	2 9	2 6	0 43	4 1	1 32	28 32	8 48	2 38	2 5	18 17	8 34	9 49
M13	12 17	16 7	4 10	20 53	1 3	21 13	0 10	23 4	0 54	9 49	1 25	12 44	2 9	2 5	0 43	4 0	1 32	28 32	8 48	2 40	2 6	18 17	8 35	9 49
T 14	11 56	13 52	3 25	20 43	1 11	21 1	0 13	22 58	0 54	9 48	1 25	12 46	2 9	2 4	0 43	3 59	1 32	28 32	8 48	2 41	2 8	18 17	8 37	9 49
W15	11 35	11 0	2 30	20 31	1 18	20 49	0 16	22 52	0 55	9 48	1 25	12 48	2 9	2 4	0 43	3 59	1 32	28 33	8 48	2 43	2 9	18 16	8 38	9 48
T 16	11 14	7 36	1 27	20 17	1 24	20 37	0 19	22 45	0 56	9 47	1 26	12 49	2 9	2 3	0 43	3 58	1 32	28 33	8 48	2 44	2 10	18 16	8 39	9 48
F 17	10 52	3 49	0 19	20 3	1 31	20 24	0 22	22 38	0 56	9 46	1 26	12 51	2 10	2 2	0 43	3 57	1 32	28 33	8 48	2 44	2 11	18 16	8 41	9 48
S 18	10 31	0s12	0n51	19 47	1 36	20 10	0 25	22 31	0 57	9 46	1 26	12 53	2 10	2 1	0 43	3 56	1 32	28 33	8 48	2 44	2 13	18 16	8 42	9 47
S 19	10 9	4 16	2 0	19 29	1 42	19 56	0 27	22 24	0 58	9 45	1 26	12 55	2 10	2 0	0 43	3 55	1 32	28 34	8 48	2 43	2 14	18 15	8 43	9 47
M20	9 47	8 12	3 3	19 10	1 47	19 41	0 30	22 16	0 58	9 44	1 26	12 57	2 10	2 0	0 43	3 54	1 32	28 34	8 48	2 43	2 15	18 15	8 45	9 46
T 21	9 25	11 46	3 58	18 50	1 52	19 25	0 33	22 8	0 59	9 43	1 26	12 58	2 10	1 59	0 43	3 53	1 32	28 34	8 48	2 42	2 16	18 15	8 46	9 46
W22	9 3	14 46	4 40	18 28	1 56	19 9	0 35	22 0	1 0	9 42	1 27	13 0	2 10	1 58	0 43	3 52	1 32	28 34	8 48	2 42	2 18	18 15	8 47	9 45
T 23	8 41	16 59	5 7	18 5	2 0	18 53	0 38	21 52	1 0	9 41	1 27	13 2	2 10	1 57	0 43	3 52	1 32	28 34	8 48	2 42	2 19	18 14	8 49	9 45
F 24	8 18	18 12	5 16	17 40	2 3	18 36	0 40	21 43	1 1	9 40	1 27	13 4	2 10	1 56	0 43	3 51	1 32	28 35	8 48	2 42	2 20	18 14	8 50	9 44
S 25	7 56	18 16	5 6	17 14	2 6	18 18	0 43	21 35	1 2	9 39	1 27	13 5	2 10	1 55	0 43	3 50	1 32	28 35	8 47	2 42	2 22	18 14	8 51	9 44
S 26	7 33	17 9	4 35	16 46	2 9	18 0	0 45	21 25	1 2	9 38	1 27	13 7	2 10	1 54	0 43	3 49	1 32	28 35	8 47	2 43	2 23	18 13	8 53	9 43
M27	7 10	14 54	3 47	16 17	2 11	17 41	0 48	21 16	1 3	9 36	1 28	13 9	2 10	1 53	0 43	3 48	1 32	28 35	8 47	2 44	2 24	18 13	8 54	9 43
T 28	6s47	11s42	2n44	15s46	2s13	17s22	0s50	21s 7	1s 3	9s35	1n28	13n10	2n10	1s53	0n43	3s47	1s32	28n35	8n47	2n44	2n25	18n13	8n55	9s42

Julian Day Number = 1981512.5, Delta T = 58m50s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'53, Lahiri = 5°55'53 Julian Calendar 1 Feb. 713 == Greg. Calendar 5 Feb. 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

MARCH 713 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 47 26	13♓48'58	6♓26	25♒24	15♒49	1♒44	28°R15	1°R 3	6°R18	24♓ 5	1°R10	23°R 9	23♍53	11♋35	8°R17	W 1
T 2	10 51 22	14°48'24	20°41	27° 4	17° 2	2°30	28♎11	0♍58	6♎16	24° 7	1♌ 9	23°D 8	23°50	11°42	8♌14	T 2
F 3	10 55 19	15°47'47	4♈37	28°45	18°16	3°16	28° 7	0°54	6°14	24° 9	1° 8	23♍ 8	23°47	11°49	8°11	F 3
S 4	10 59 15	16°47'07	18°12	0♓27	19°29	4° 2	28° 3	0°49	6°11	24°11	1° 7	23° 9	23°44	11°55	8° 8	S 4
S 5	11 3 12	17°46'26	1♉24	2°10	20°43	4°48	27°59	0°45	6° 9	24°14	1° 6	23° 9	23°41	12° 2	8° 5	S 5
M 6	11 7 8	18°45'42	14°14	3°55	21°56	5°34	27°55	0°40	6° 7	24°16	1° 5	23°10	23°37	12° 9	8° 2	M 6
T 7	11 11 5	19°44'56	26°45	5°41	23° 9	6°20	27°50	0°36	6° 4	24°18	1° 4	23°10	23°34	12°16	8° 0	T 7
W 8	11 15 1	20°44'08	8♊59	7°28	24°23	7° 7	27°46	0°32	6° 2	24°20	1° 3	23°11	23°31	12°22	7°57	W 8
T 9	11 18 58	21°43'17	21° 2	9°17	25°36	7°53	27°41	0°27	5°59	24°23	1° 3	23°R11	23°28	12°29	7°54	T 9
F 10	11 22 55	22°42'24	2♋57	11° 7	26°50	8°39	27°36	0°23	5°57	24°25	1° 2	23°D11	23°25	12°36	7°52	F 10
S 11	11 26 51	23°41'29	14°49	12°59	28° 3	9°25	27°31	0°19	5°54	24°27	1° 1	23°11	23°22	12°42	7°50	S 11
S 12	11 30 48	24°40'31	26°42	14°52	29°17	10°11	27°25	0°15	5°52	24°30	1° 0	23°11	23°18	12°49	7°47	S 12
M13	11 34 44	25°39'31	8♌42	16°46	0♓30	10°57	27°20	0°11	5°49	24°32	0°59	23°11	23°15	12°56	7°45	M13
T 14	11 38 41	26°38'28	20°51	18°42	1°43	11°44	27°14	0° 7	5°47	24°34	0°59	23°11	23°12	13° 3	7°43	T 14
W15	11 42 37	27°37'24	3♍12	20°39	2°57	12°30	27° 9	0° 3	5°44	24°36	0°58	23°12	23° 9	13° 9	7°41	W15
T 16	11 46 34	28°36'17	15°48	22°38	4°10	13°16	27° 3	29♌59	5°42	24°39	0°57	23°12	23° 6	13°16	7°39	T 16
F 17	11 50 30	29°35'08	28°39	24°38	5°24	14° 2	26°57	29°55	5°39	24°41	0°57	23°R12	23° 2	13°23	7°37	F 17
S 18	11 54 27	0♈33'57	11♎45	26°39	6°37	14°48	26°51	29°51	5°37	24°43	0°56	23°12	22°59	13°29	7°35	S 18
S 19	11 58 23	1°32'44	25° 7	28°41	7°51	15°34	26°45	29°48	5°34	24°45	0°55	23°11	22°56	13°36	7°34	S 19
M20	12 2 20	2°31'28	8♏43	0♈45	9° 4	16°20	26°38	29°44	5°32	24°48	0°55	23°10	22°53	13°43	7°32	M20
T 21	12 6 17	3°30'12	22°31	2°49	10°17	17° 6	26°32	29°40	5°29	24°50	0°54	23° 9	22°50	13°50	7°30	T 21
W22	12 10 13	4°28'53	6♐28	4°54	11°31	17°53	26°25	29°37	5°26	24°52	0°54	23° 7	22°47	13°56	7°29	W22
T 23	12 14 10	5°27'33	20°33	7° 1	12°44	18°39	26°19	29°34	5°24	24°54	0°53	23° 7	22°43	14° 3	7°28	T 23
F 24	12 18 6	6°26'11	4♑44	9° 7	13°58	19°25	26°12	29°30	5°21	24°57	0°53	23°D 6	22°40	14°10	7°26	F 24
S 25	12 22 3	7°24'47	18°57	11°14	15°11	20°11	26° 5	29°27	5°19	24°59	0°52	23° 6	22°37	14°16	7°25	S 25
S 26	12 25 59	8°23'22	3♒11	13°21	16°25	20°57	25°58	29°24	5°16	25° 1	0°52	23° 7	22°34	14°23	7°24	S 26
M27	12 29 56	9°21'54	17°24	15°28	17°38	21°43	25°51	29°21	5°14	25° 3	0°52	23° 8	22°31	14°30	7°23	M27
T 28	12 33 52	10°20'26	1♓31	17°34	18°52	22°29	25°44	29°18	5°11	25° 6	0°51	23°10	22°28	14°37	7°22	T 28
W29	12 37 49	11°18'55	15°31	19°40	20° 5	23°15	25°37	29°15	5° 9	25° 8	0°51	23°10	22°24	14°43	7°22	W29
T 30	12 41 46	12°17'22	29°21	21°44	21°19	24° 1	25°30	29°12	5° 6	25°10	0°51	23°R10	22°21	14°50	7°21	T 30
F 31	12 45 42	13♈15'48	12♈57	23♈47	22♓32	24♒47	25♎23	29♌ 9	5♎ 3	25♓12	0♌50	23♍ 9	22♍18	14♋57	7♌20	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s24	7s48	1n31	15s14	2s14	17s 2	0s52	20s57	1s 4	9s33	1n28	13n12	2n10	1s52	0n43	3s46	1s32	28n35	8n47	2n44	2n27	18n13	8n57	9s42
T 2	6 1	3 31	0 14	14 41	2 15	16 42	0 55	20 47	1 5	9 32	1 28	13 14	2 10	1 51	0 43	3 45	1 32	28 36	8 47	2 44	2 28	18 12	8 58	9 41
F 3	5 38	0n53	1s 3	14 6	2 15	16 22	0 57	20 37	1 5	9 30	1 28	13 15	2 10	1 50	0 43	3 44	1 32	28 36	8 47	2 44	2 29	18 12	8 59	9 41
S 4	5 15	5 7	2 15	13 30	2 15	16 0	0 59	20 27	1 6	9 29	1 28	13 17	2 10	1 49	0 43	3 44	1 32	28 36	8 47	2 44	2 30	18 12	9 1	9 40
S 5	4 52	8 58	3 17	12 52	2 15	15 39	1 1	20 16	1 7	9 27	1 29	13 19	2 10	1 48	0 43	3 43	1 32	28 36	8 47	2 44	2 32	18 11	9 2	9 39
M 6	4 29	12 17	4 7	12 13	2 13	15 17	1 3	20 5	1 7	9 25	1 29	13 20	2 10	1 47	0 43	3 42	1 32	28 36	8 47	2 44	2 33	18 11	9 3	9 39
T 7	4 5	14 57	4 44	11 32	2 12	14 55	1 5	19 54	1 8	9 24	1 29	13 22	2 10	1 46	0 43	3 41	1 32	28 36	8 46	2 44	2 34	18 11	9 5	9 38
W 8	3 42	16 53	5 8	10 50	2 10	14 32	1 7	19 43	1 8	9 22	1 29	13 23	2 10	1 45	0 43	3 40	1 32	28 36	8 46	2 44	2 35	18 10	9 6	9 37
T 9	3 18	18 1	5 17	10 6	2 7	14 9	1 9	19 32	1 9	9 20	1 29	13 25	2 10	1 44	0 43	3 39	1 32	28 36	8 46	2 44	2 37	18 10	9 7	9 37
F 10	2 55	18 22	5 13	9 21	2 4	13 45	1 10	19 20	1 9	9 18	1 29	13 26	2 10	1 43	0 43	3 38	1 32	28 36	8 46	2 44	2 38	18 10	9 8	9 36
S 11	2 31	17 53	4 55	8 35	2 1	13 21	1 12	19 9	1 10	9 16	1 29	13 28	2 10	1 42	0 43	3 37	1 32	28 36	8 46	2 44	2 39	18 9	9 10	9 35
S 12	2 8	16 38	4 25	7 47	1 57	12 57	1 14	18 57	1 11	9 14	1 29	13 29	2 10	1 41	0 43	3 36	1 32	28 36	8 46	2 44	2 41	18 9	9 11	9 35
M13	1 44	14 38	3 43	6 58	1 52	12 33	1 15	18 45	1 11	9 12	1 30	13 30	2 10	1 40	0 43	3 35	1 32	28 37	8 46	2 43	2 42	18 9	9 12	9 34
T 14	1 21	11 57	2 50	6 8	1 47	12 8	1 17	18 32	1 12	9 10	1 30	13 32	2 10	1 39	0 43	3 35	1 32	28 37	8 46	2 43	2 43	18 8	9 13	9 33
W15	0 57	8 43	1 49	5 16	1 41	11 42	1 18	18 20	1 12	9 8	1 30	13 33	2 10	1 38	0 43	3 34	1 32	28 37	8 45	2 43	2 44	18 8	9 15	9 32
T 16	0 34	5 1	0 41	4 24	1 35	11 17	1 19	18 7	1 13	9 6	1 30	13 35	2 10	1 37	0 43	3 33	1 32	28 37	8 45	2 43	2 46	18 8	9 16	9 32
F 17	0 10	1 0	0n30	3 30	1 28	10 51	1 21	17 54	1 13	9 3	1 30	13 36	2 10	1 36	0 43	3 32	1 32	28 37	8 45	2 43	2 47	18 7	9 17	9 31
S 18	0n14	3s 8	1 41	2 35	1 21	10 25	1 22	17 41	1 14	9 1	1 30	13 37	2 10	1 35	0 43	3 31	1 32	28 37	8 45	2 43	2 48	18 7	9 18	9 30
S 19	0 37	7 11	2 48	1 38	1 13	9 58	1 23	17 28	1 15	8 59	1 30	13 38	2 10	1 34	0 43	3 30	1 32	28 37	8 45	2 43	2 49	18 7	9 19	9 29
M20	1 1	10 56	3 46	0 41	1 5	9 31	1 24	17 14	1 15	8 56	1 30	13 40	2 9	1 33	0 43	3 29	1 32	28 37	8 45	2 44	2 51	18 6	9 21	9 28
T 21	1 24	14 8	4 32	0n16	0 56	9 4	1 25	17 1	1 16	8 54	1 30	13 41	2 9	1 32	0 43	3 28	1 32	28 37	8 45	2 44	2 52	18 6	9 22	9 28
W22	1 48	16 33	5 3	1 15	0 47	8 37	1 26	16 47	1 16	8 52	1 30	13 42	2 9	1 31	0 43	3 27	1 32	28 37	8 44	2 45	2 53	18 6	9 23	9 27
T 23	2 11	18 1	5 16	2 14	0 37	8 10	1 27	16 33	1 17	8 49	1 30	13 43	2 9	1 30	0 43	3 26	1 32	28 37	8 44	2 45	2 54	18 5	9 24	9 26
F 24	2 34	18 21	5 10	3 13	0 27	7 42	1 28	16 19	1 17	8 47	1 31	13 44	2 9	1 29	0 43	3 26	1 32	28 37	8 44	2 45	2 56	18 5	9 25	9 25
S 25	2 58	17 33	4 45	4 13	0 17	7 14	1 29	16 5	1 18	8 44	1 31	13 45	2 9	1 28	0 43	3 25	1 32	28 36	8 44	2 45	2 57	18 5	9 26	9 24
S 26	3 21	15 39	4 2	5 12	0 6	6 46	1 29	15 51	1 18	8 42	1 31	13 46	2 9	1 27	0 43	3 24	1 32	28 36	8 44	2 45	2 58	18 4	9 27	9 24
M27	3 44	12 47	3 5	6 12	0n 4	6 18	1 30	15 36	1 19	8 39	1 31	13 47	2 9	1 26	0 43	3 23	1 32	28 36	8 44	2 44	2 59	18 4	9 28	9 23
T 28	4 7	9 11	1 57	7 11	0 15	5 49	1 30	15 21	1 19	8 36	1 31	13 48	2 9	1 25	0 43	3 22	1 32	28 36	8 44	2 44	3 1	18 3	9 29	9 22
W29	4 30	5 6	0 42	8 9	0 26	5 21	1 31	15 7	1 20	8 34	1 31	13 49	2 9	1 24	0 43	3 21	1 32	28 36	8 43	2 44	3 2	18 3	9 30	9 21
T 30	4 53	0 47	0s34	9 6	0 37	4 52	1 31	14 52	1 20	8 31	1 31	13 50	2 9	1 23	0 43	3 20	1 32	28 36	8 43	2 44	3 3	18 3	9 31	9 20
F 31	5n16	3n30	1s47	10n 2	0n48	4s23	1s32	14s37	1s21	8s28	1n31	13n51	2n 9	1s22	0n43	3s20	1s32	28n36	8n43	2n44	3n 5	18n 2	9n32	9s19

Julian Day Number = 1981540.5, Delta T = 58m49s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°48'57, Lahiri = 5°55'57 Julian Calendar 1 March 713 == Greg. Calendar 5 March 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

APRIL 713 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 49 39	14♈14'12	26♈17	25♈49	23♓45	25♒33	25°R15	29°R 7	5°R 1	25♓14	0°R50	23°R 7	22♍15	15♋ 3	7°R20	S 1
S 2	12 53 35	15°12'34	9♉20	27°48	24°59	26°19	25♎ 8	29♌ 4	4♎58	25°16	0♌50	23♍ 4	22°12	15°10	7♌20	S 2
M 3	12 57 32	16°10'53	22° 6	29°45	26°12	27° 5	25° 1	29° 2	4°56	25°19	0°50	23° 1	22° 8	15°17	7°19	M 3
T 4	13 1 28	17° 9'11	4♊36	1♉40	27°26	27°51	24°53	28°59	4°53	25°21	0°50	22°57	22° 5	15°24	7°19	T 4
W 5	13 5 25	18° 7'27	16°51	3°31	28°39	28°37	24°46	28°57	4°51	25°23	0°49	22°54	22° 2	15°30	7°D19	W 5
T 6	13 9 21	19° 5'41	28°54	5°19	29°53	29°23	24°38	28°55	4°48	25°25	0°49	22°51	21°59	15°37	7°19	T 6
F 7	13 13 18	20° 3'53	10♋50	7° 5	1♈ 6	0♓ 9	24°30	28°53	4°46	25°27	0°49	22°50	21°56	15°44	7°19	F 7
S 8	13 17 14	21° 2'02	22°42	8°46	2°20	0°55	24°23	28°51	4°44	25°29	0°49	22°D49	21°53	15°50	7°20	S 8
S 9	13 21 11	22° 0'10	4♌36	10°24	3°33	1°41	24°15	28°49	4°41	25°31	0°D49	22°50	21°49	15°57	7°20	S 9
M10	13 25 8	22°58'15	16°36	11°58	4°46	2°26	24° 7	28°47	4°39	25°33	0°49	22°51	21°46	16° 4	7°20	M10
T 11	13 29 4	23°56'19	28°47	13°29	6° 0	3°12	24° 0	28°45	4°36	25°35	0°49	22°53	21°43	16°10	7°21	T 11
W12	13 33 1	24°54'20	11♍13	14°55	7°13	3°58	23°52	28°43	4°34	25°37	0°49	22°54	21°40	16°17	7°21	W12
T 13	13 36 57	25°52'20	23°58	16°17	8°27	4°44	23°45	28°42	4°32	25°39	0°49	22°R55	21°37	16°24	7°22	T 13
F 14	13 40 54	26°50'18	7♎ 3	17°36	9°40	5°29	23°37	28°41	4°29	25°41	0°49	22°54	21°33	16°31	7°23	F 14
S 15	13 44 50	27°48'14	20°29	18°50	10°54	6°15	23°29	28°39	4°27	25°43	0°50	22°52	21°30	16°37	7°24	S 15
S 16	13 48 47	28°46'09	4♏15	19°59	12° 7	7° 1	23°22	28°38	4°25	25°45	0°50	22°48	21°27	16°44	7°25	S 16
M17	13 52 43	29°44'01	18°19	21° 5	13°20	7°46	23°14	28°37	4°23	25°47	0°50	22°42	21°24	16°51	7°26	M17
T 18	13 56 40	0♉41'53	2♐35	22° 5	14°34	8°32	23° 7	28°36	4°20	25°49	0°50	22°37	21°21	16°57	7°27	T 18
W19	14 0 37	1°39'43	16°58	23° 2	15°47	9°17	22°59	28°35	4°18	25°51	0°50	22°31	21°18	17° 4	7°28	W19
T 20	14 4 33	2°37'32	1♑23	23°54	17° 1	10° 3	22°52	28°34	4°16	25°53	0°51	22°27	21°14	17°11	7°30	T 20
F 21	14 8 30	3°35'19	15°45	24°41	18°14	10°49	22°44	28°33	4°14	25°55	0°51	22°23	21°11	17°18	7°31	F 21
S 22	14 12 26	4°33'06	0♒ 0	25°24	19°28	11°34	22°37	28°33	4°12	25°57	0°51	22°D22	21° 8	17°24	7°33	S 22
S 23	14 16 23	5°30'51	14° 7	26° 2	20°41	12°19	22°29	28°32	4°10	25°59	0°52	22°22	21° 5	17°31	7°35	S 23
M24	14 20 19	6°28'35	28° 3	26°35	21°55	13° 5	22°22	28°32	4° 8	26° 1	0°52	22°23	21° 2	17°38	7°36	M24
T 25	14 24 16	7°26'18	11♓49	27° 3	23° 8	13°50	22°15	28°31	4° 6	26° 2	0°53	22°25	20°59	17°44	7°38	T 25
W26	14 28 12	8°23'59	25°24	27°27	24°21	14°36	22° 8	28°31	4° 4	26° 4	0°53	22°R25	20°55	17°51	7°40	W26
T 27	14 32 9	9°21'40	8♈47	27°46	25°35	15°21	22° 1	28°31	4° 2	26° 6	0°54	22°24	20°52	17°58	7°42	T 27
F 28	14 36 6	10°19'19	22° 0	28° 0	26°48	16° 6	21°54	28°D31	4° 0	26° 8	0°54	22°20	20°49	18° 5	7°44	F 28
S 29	14 40 2	11°16'57	5♉ 0	28° 9	28° 2	16°51	21°47	28°31	3°58	26°10	0°55	22°15	20°46	18°11	7°47	S 29
S 30	14 43 59	12♉14'34	17♉47	28°R13	29♈15	17♓36	21♎40	28♌31	3♎56	26♓11	0♌55	22♍ 7	20♍43	18♋18	7♌49	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n39	7n32	2s52	10n57	0n59	3s54	1s32	14s22	1s21	8s26	1n31	13n52	2n 8	1s21	0n43	3s19	1s32	28n36	8n43	2n45	3n 6	18n 2	9n33	9s18
S 2	6 2	11 7	3 47	11 51	1 10	3 25	1 32	14 6	1 21	8 23	1 31	13 53	2 8	1 20	0 43	3 18	1 32	28 36	8 43	2 46	3 7	18 1	9 34	9 18
M 3	6 24	14 5	4 30	12 42	1 20	2 56	1 32	13 51	1 22	8 20	1 31	13 53	2 8	1 19	0 43	3 17	1 32	28 36	8 43	2 47	3 8	18 1	9 35	9 17
T 4	6 47	16 19	4 58	13 32	1 30	2 26	1 32	13 35	1 22	8 18	1 31	13 54	2 8	1 18	0 43	3 16	1 32	28 36	8 42	2 49	3 10	18 1	9 36	9 16
W 5	7 9	17 46	5 12	14 20	1 39	1 57	1 32	13 20	1 23	8 15	1 31	13 55	2 8	1 17	0 43	3 15	1 32	28 35	8 42	2 50	3 11	18 0	9 37	9 15
T 6	7 32	18 24	5 12	15 5	1 48	1 27	1 32	13 4	1 23	8 12	1 31	13 56	2 8	1 16	0 43	3 15	1 32	28 35	8 42	2 51	3 12	18 0	9 38	9 14
F 7	7 54	18 12	4 59	15 48	1 57	0 58	1 32	12 48	1 24	8 9	1 31	13 56	2 8	1 15	0 43	3 14	1 32	28 35	8 42	2 52	3 13	17 59	9 39	9 13
S 8	8 16	17 12	4 32	16 29	2 4	0 28	1 32	12 32	1 24	8 6	1 31	13 57	2 8	1 14	0 43	3 13	1 32	28 35	8 42	2 52	3 15	17 59	9 39	9 12
S 9	8 38	15 27	3 54	17 7	2 11	0n 1	1 32	12 16	1 24	8 4	1 31	13 57	2 7	1 13	0 43	3 12	1 32	28 35	8 42	2 52	3 16	17 59	9 40	9 11
M10	8 59	13 1	3 6	17 43	2 18	0 31	1 31	12 0	1 25	8 1	1 31	13 58	2 7	1 12	0 43	3 11	1 32	28 35	8 41	2 51	3 17	17 58	9 41	9 10
T 11	9 21	9 58	2 8	18 16	2 23	1 1	1 31	11 43	1 25	7 58	1 31	13 58	2 7	1 11	0 43	3 11	1 32	28 34	8 41	2 51	3 18	17 58	9 42	9 10
W12	9 42	6 26	1 4	18 47	2 28	1 30	1 30	11 27	1 26	7 55	1 31	13 59	2 7	1 10	0 43	3 10	1 32	28 34	8 41	2 50	3 20	17 57	9 42	9 9
T 13	10 4	2 30	0n 6	19 15	2 32	2 0	1 30	11 10	1 26	7 53	1 30	13 59	2 7	1 9	0 43	3 9	1 32	28 34	8 41	2 50	3 21	17 57	9 43	9 8
F 14	10 25	1s39	1 16	19 40	2 35	2 30	1 29	10 54	1 26	7 50	1 30	14 0	2 7	1 8	0 43	3 8	1 32	28 34	8 41	2 50	3 22	17 57	9 44	9 7
S 15	10 46	5 49	2 25	20 3	2 37	2 59	1 28	10 37	1 27	7 47	1 30	14 0	2 7	1 7	0 43	3 7	1 32	28 34	8 41	2 51	3 23	17 56	9 44	9 6
S 16	11 7	9 48	3 26	20 24	2 38	3 29	1 28	10 20	1 27	7 44	1 30	14 0	2 7	1 7	0 43	3 7	1 32	28 34	8 40	2 53	3 25	17 56	9 45	9 5
M17	11 27	13 17	4 16	20 42	2 39	3 58	1 27	10 4	1 27	7 42	1 30	14 1	2 6	1 6	0 43	3 6	1 33	28 33	8 40	2 55	3 26	17 55	9 46	9 4
T 18	11 48	16 3	4 51	20 57	2 38	4 27	1 26	9 47	1 28	7 39	1 30	14 1	2 6	1 5	0 43	3 5	1 33	28 33	8 40	2 57	3 27	17 55	9 46	9 3
W19	12 8	17 50	5 9	21 11	2 36	4 57	1 25	9 30	1 28	7 36	1 30	14 1	2 6	1 4	0 43	3 4	1 33	28 33	8 40	2 59	3 28	17 54	9 47	9 2
T 20	12 28	18 29	5 6	21 21	2 34	5 26	1 24	9 13	1 28	7 34	1 30	14 1	2 6	1 3	0 43	3 4	1 33	28 33	8 40	3 1	3 30	17 54	9 47	9 1
F 21	12 48	17 57	4 45	21 30	2 30	5 55	1 23	8 56	1 29	7 31	1 30	14 1	2 6	1 2	0 43	3 3	1 33	28 32	8 39	3 2	3 31	17 53	9 48	9 1
S 22	13 8	16 17	4 6	21 36	2 25	6 24	1 22	8 39	1 29	7 28	1 30	14 1	2 6	1 1	0 43	3 2	1 33	28 32	8 39	3 3	3 32	17 53	9 48	9 0
S 23	13 27	13 38	3 12	21 39	2 20	6 53	1 21	8 21	1 29	7 26	1 29	14 1	2 6	1 1	0 43	3 2	1 33	28 32	8 39	3 3	3 34	17 53	9 49	8 59
M24	13 46	10 14	2 8	21 41	2 13	7 22	1 20	8 4	1 30	7 23	1 29	14 1	2 5	1 0	0 43	3 1	1 33	28 32	8 39	3 2	3 35	17 52	9 49	8 58
T 25	14 5	6 18	0 57	21 40	2 5	7 50	1 18	7 47	1 30	7 20	1 29	14 1	2 5	0 59	0 43	3 0	1 33	28 31	8 39	3 2	3 36	17 52	9 50	8 57
W26	14 24	2 5	0s16	21 37	1 56	8 19	1 17	7 29	1 30	7 18	1 29	14 1	2 5	0 58	0 43	2 59	1 33	28 31	8 39	3 2	3 37	17 51	9 50	8 56
T 27	14 43	2n10	1 27	21 32	1 47	8 47	1 16	7 12	1 30	7 15	1 29	14 1	2 5	0 58	0 43	2 59	1 33	28 31	8 38	3 2	3 39	17 51	9 50	8 55
F 28	15 1	6 16	2 33	21 24	1 36	9 15	1 14	6 54	1 31	7 13	1 29	14 1	2 5	0 57	0 43	2 58	1 33	28 31	8 38	3 4	3 40	17 50	9 51	8 54
S 29	15 19	10 0	3 29	21 15	1 24	9 43	1 13	6 37	1 31	7 11	1 29	14 1	2 5	0 56	0 43	2 57	1 33	28 30	8 38	3 6	3 41	17 50	9 51	8 53
S 30	15n37	13n12	4s13	21n 3	1n11	10n10	1s11	6s19	1s31	7s 8	1n28	14n 1	2n 4	0s55	0n43	2s57	1s33	28n30	8n38	3n 9	3n42	17n49	9n51	8s53

Julian Day Number = 1981571.5, Delta T = 58m48s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'01, Lahiri = 5°56'02 Julian Calendar 1 Apr. 713 == Greg. Calendar 5 Apr. 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

MAY 713 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 47 55	13♉12'10	0♊22	28°R13	0♉29	18♓22	21°R33	28♌32	3°R54	26♓13	0♌56	21°R58	20♍39	18♋25	7♌51	M 1
T 2	14 51 52	14° 9'44	12°44	28♉ 8	1°42	19° 7	21♎27	28°32	3♎52	26°15	0°56	21♍49	20°36	18°31	7°54	T 2
W 3	14 55 48	15° 7'17	24°54	27°58	2°56	19°52	21°20	28°33	3°51	26°16	0°57	21°40	20°33	18°38	7°57	W 3
T 4	14 59 45	16° 4'48	6♋55	27°45	4° 9	20°37	21°14	28°33	3°49	26°18	0°58	21°32	20°30	18°45	7°59	T 4
F 5	15 3 41	17° 2'19	18°49	27°27	5°23	21°22	21° 8	28°34	3°47	26°19	0°58	21°26	20°27	18°51	8° 2	F 5
S 6	15 7 38	17°59'48	0♌40	27° 6	6°36	22° 6	21° 1	28°35	3°46	26°21	0°59	21°22	20°24	18°58	8° 5	S 6
S 7	15 11 35	18°57'15	12°32	26°42	7°50	22°51	20°55	28°36	3°44	26°23	1° 0	21°20	20°20	19° 5	8° 8	S 7
M 8	15 15 31	19°54'41	24°31	26°14	9° 3	23°36	20°49	28°37	3°43	26°24	1° 1	21°D20	20°17	19°12	8°11	M 8
T 9	15 19 28	20°52'06	6♍41	25°45	10°17	24°21	20°44	28°38	3°41	26°26	1° 1	21°21	20°14	19°18	8°14	T 9
W10	15 23 24	21°49'30	19° 7	25°13	11°30	25° 5	20°38	28°39	3°40	26°27	1° 2	21°R21	20°11	19°25	8°17	W10
T 11	15 27 21	22°46'52	1♎55	24°41	12°43	25°50	20°32	28°40	3°38	26°29	1° 3	21°21	20° 8	19°32	8°21	T 11
F 12	15 31 17	23°44'13	15° 7	24° 7	13°57	26°35	20°27	28°42	3°37	26°30	1° 4	21°19	20° 5	19°38	8°24	F 12
S 13	15 35 14	24°41'33	28°45	23°34	15°10	27°19	20°22	28°43	3°36	26°31	1° 5	21°14	20° 1	19°45	8°27	S 13
S 14	15 39 10	25°38'52	12♏48	23° 0	16°24	28° 4	20°17	28°45	3°34	26°33	1° 6	21° 7	19°58	19°52	8°31	S 14
M15	15 43 7	26°36'10	27°14	22°28	17°37	28°48	20°12	28°47	3°33	26°34	1° 7	20°58	19°55	19°59	8°35	M15
T 16	15 47 4	27°33'28	11♐55	21°57	18°51	29°32	20° 7	28°49	3°32	26°35	1° 8	20°48	19°52	20° 5	8°38	T 16
W17	15 51 0	28°30'44	26°45	21°29	20° 4	0♈17	20° 2	28°50	3°31	26°37	1° 9	20°39	19°49	20°12	8°42	W17
T 18	15 54 57	29°28'01	11♑34	21° 3	21°18	1° 1	19°58	28°52	3°30	26°38	1°10	20°31	19°45	20°19	8°46	T 18
F 19	15 58 53	0♊25'16	26°15	20°40	22°31	1°45	19°53	28°55	3°29	26°39	1°11	20°24	19°42	20°25	8°50	F 19
S 20	16 2 50	1°22'31	10♒43	20°20	23°45	2°29	19°49	28°57	3°28	26°40	1°12	20°21	19°39	20°32	8°54	S 20
S 21	16 6 46	2°19'46	24°53	20° 4	24°58	3°13	19°45	28°59	3°27	26°42	1°13	20°19	19°36	20°39	8°58	S 21
M22	16 10 43	3°17'00	8♓45	19°52	26°12	3°57	19°41	29° 2	3°26	26°43	1°14	20°D19	19°33	20°45	9° 2	M22
T 23	16 14 39	4°14'14	22°20	19°44	27°26	4°41	19°37	29° 4	3°25	26°44	1°15	20°R19	19°30	20°52	9° 7	T 23
W24	16 18 36	5°11'28	5♈39	19°D40	28°39	5°25	19°34	29° 7	3°24	26°45	1°16	20°19	19°26	20°59	9°11	W24
T 25	16 22 33	6° 8'41	18°44	19°41	29°53	6° 9	19°30	29° 9	3°24	26°46	1°17	20°16	19°23	21° 6	9°15	T 25
F 26	16 26 29	7° 5'54	1♉36	19°46	1♊ 6	6°52	19°27	29°12	3°23	26°47	1°18	20°10	19°20	21°12	9°20	F 26
S 27	16 30 26	8° 3'07	14°16	19°56	2°20	7°36	19°24	29°15	3°22	26°48	1°20	20° 2	19°17	21°19	9°25	S 27
S 28	16 34 22	9° 0'20	26°47	20°11	3°33	8°20	19°21	29°18	3°22	26°49	1°21	19°51	19°14	21°26	9°29	S 28
M29	16 38 19	9°57'32	9♊ 7	20°30	4°47	9° 3	19°18	29°21	3°21	26°50	1°22	19°39	19°11	21°32	9°34	M29
T 30	16 42 15	10°54'44	21°19	20°54	6° 1	9°47	19°16	29°24	3°21	26°51	1°23	19°25	19° 7	21°39	9°39	T 30
W31	16 46 12	11♊51'55	3♋22	21♉23	7♊14	10♈30	19♎13	29♌27	3♎20	26♓52	1♌25	19♍12	19♍ 4	21♋46	9♌44	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n55	15n44	4s45	20n50	0n58	10n38	1s10	6s 2	1s31	7s 6	1n28	14n 0	2n 4	0s55	0n43	2s56	1s33	28n30	8n38	3n12	3n44	17n49	9n51	8s52
T 2	16 12	17 29	5 2	20 35	0 43	11 5	1 8	5 44	1 31	7 3	1 28	14 0	2 4	0 54	0 43	2 56	1 33	28 29	8 38	3 16	3 45	17 48	9 52	8 51
W 3	16 29	18 25	5 5	20 18	0 28	11 32	1 6	5 27	1 32	7 1	1 28	14 0	2 4	0 53	0 42	2 55	1 33	28 29	8 37	3 20	3 46	17 48	9 52	8 50
T 4	16 46	18 31	4 55	19 59	0 12	11 59	1 5	5 9	1 32	6 59	1 28	13 59	2 4	0 53	0 42	2 54	1 33	28 29	8 37	3 23	3 47	17 47	9 52	8 49
F 5	17 2	17 47	4 32	19 40	0s 4	12 25	1 3	4 51	1 32	6 57	1 28	13 59	2 4	0 52	0 42	2 54	1 33	28 28	8 37	3 25	3 49	17 47	9 52	8 48
S 6	17 19	16 17	3 57	19 18	0 21	12 51	1 1	4 34	1 32	6 55	1 27	13 59	2 3	0 52	0 42	2 53	1 33	28 28	8 37	3 27	3 50	17 46	9 52	8 47
S 7	17 35	14 5	3 12	18 56	0 38	13 17	0 59	4 16	1 32	6 53	1 27	13 58	2 3	0 51	0 42	2 53	1 33	28 28	8 37	3 27	3 51	17 46	9 52	8 47
M 8	17 50	11 16	2 19	18 33	0 55	13 42	0 57	3 58	1 33	6 51	1 27	13 58	2 3	0 50	0 42	2 52	1 33	28 27	8 37	3 27	3 52	17 45	9 52	8 46
T 9	18 6	7 55	1 18	18 9	1 13	14 7	0 55	3 41	1 33	6 49	1 27	13 57	2 3	0 50	0 42	2 51	1 33	28 27	8 37	3 27	3 54	17 45	9 52	8 45
W10	18 21	4 9	0 12	17 45	1 30	14 32	0 53	3 23	1 33	6 47	1 27	13 56	2 3	0 49	0 42	2 51	1 33	28 27	8 36	3 27	3 55	17 44	9 52	8 44
T 11	18 36	0 6	0n56	17 21	1 47	14 57	0 51	3 5	1 33	6 45	1 26	13 56	2 3	0 49	0 42	2 50	1 34	28 26	8 36	3 27	3 56	17 44	9 52	8 43
F 12	18 50	4s 6	2 3	16 56	2 3	15 21	0 49	2 47	1 33	6 43	1 26	13 55	2 3	0 48	0 42	2 50	1 34	28 26	8 36	3 28	3 57	17 43	9 52	8 42
S 13	19 4	8 13	3 5	16 33	2 19	15 45	0 47	2 30	1 33	6 41	1 26	13 54	2 2	0 48	0 42	2 49	1 34	28 26	8 36	3 30	3 59	17 43	9 52	8 42
S 14	19 18	12 0	3 58	16 10	2 34	16 8	0 45	2 12	1 33	6 39	1 26	13 54	2 2	0 47	0 42	2 49	1 34	28 25	8 36	3 33	4 0	17 42	9 52	8 41
M15	19 32	15 10	4 37	15 48	2 48	16 31	0 43	1 54	1 33	6 38	1 25	13 53	2 2	0 47	0 42	2 48	1 34	28 25	8 36	3 36	4 1	17 42	9 52	8 40
T 16	19 45	17 26	4 59	15 27	3 2	16 53	0 41	1 37	1 33	6 36	1 25	13 52	2 2	0 46	0 42	2 48	1 34	28 25	8 35	3 40	4 2	17 41	9 52	8 39
W17	19 58	18 33	5 1	15 8	3 14	17 15	0 39	1 19	1 33	6 34	1 25	13 51	2 2	0 46	0 42	2 47	1 34	28 24	8 35	3 44	4 4	17 41	9 52	8 38
T 18	20 10	18 24	4 43	14 51	3 25	17 37	0 37	1 1	1 34	6 33	1 25	13 51	2 2	0 46	0 42	2 47	1 34	28 24	8 35	3 47	4 5	17 40	9 51	8 38
F 19	20 23	17 1	4 6	14 35	3 35	17 58	0 34	0 44	1 34	6 32	1 24	13 50	2 1	0 45	0 42	2 46	1 34	28 24	8 35	3 50	4 6	17 40	9 51	8 37
S 20	20 35	14 34	3 14	14 22	3 43	18 19	0 32	0 26	1 34	6 30	1 24	13 49	2 1	0 45	0 42	2 46	1 34	28 23	8 35	3 51	4 7	17 39	9 51	8 36
S 21	20 46	11 16	2 11	14 10	3 51	18 39	0 30	0 9	1 34	6 29	1 24	13 48	2 1	0 44	0 42	2 46	1 34	28 23	8 35	3 52	4 9	17 39	9 51	8 35
M22	20 57	7 24	1 1	14 1	3 57	18 59	0 28	0n 9	1 34	6 28	1 24	13 47	2 1	0 44	0 42	2 45	1 34	28 22	8 35	3 52	4 10	17 38	9 50	8 35
T 23	21 8	3 13	0s11	13 55	4 1	19 18	0 25	0 27	1 34	6 26	1 23	13 46	2 1	0 44	0 42	2 45	1 34	28 22	8 35	3 52	4 11	17 38	9 50	8 34
W24	21 19	1n 2	1 20	13 50	4 5	19 37	0 23	0 44	1 34	6 25	1 23	13 45	2 1	0 44	0 42	2 44	1 34	28 22	8 34	3 52	4 12	17 37	9 50	8 33
T 25	21 29	5 10	2 24	13 49	4 7	19 55	0 21	1 2	1 34	6 24	1 23	13 44	2 1	0 43	0 42	2 44	1 34	28 21	8 34	3 53	4 14	17 36	9 49	8 32
F 26	21 39	8 59	3 20	13 49	4 8	20 13	0 18	1 19	1 34	6 23	1 23	13 42	2 0	0 43	0 42	2 44	1 34	28 21	8 34	3 55	4 15	17 36	9 49	8 32
S 27	21 48	12 20	4 5	13 52	4 8	20 30	0 16	1 36	1 34	6 22	1 22	13 41	2 0	0 43	0 42	2 43	1 34	28 20	8 34	3 58	4 16	17 35	9 48	8 31
S 28	21 57	15 5	4 37	13 57	4 7	20 47	0 14	1 54	1 34	6 21	1 22	13 40	2 0	0 43	0 42	2 43	1 34	28 20	8 34	4 3	4 18	17 35	9 48	8 30
M29	22 6	17 6	4 55	14 4	4 4	21 3	0 11	2 11	1 33	6 21	1 22	13 39	2 0	0 42	0 42	2 43	1 34	28 20	8 34	4 8	4 19	17 34	9 47	8 29
T 30	22 14	18 20	5 0	14 14	4 1	21 19	0 9	2 28	1 33	6 20	1 22	13 38	2 0	0 42	0 41	2 42	1 35	28 19	8 34	4 13	4 20	17 34	9 47	8 29
W31	22n22	18n42	4s51	14n25	3s57	21n34	0s 7	2n45	1s33	6s19	1n21	13n36	2n 0	0s42	0n41	2s42	1s35	28n19	8n34	4n18	4n21	17n33	9n46	8s28

Julian Day Number = 1981601.5, Delta T = 58m48s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'05, Lahiri = 5°56'06 Julian Calendar 1 May 713 == Greg. Calendar 5 May 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

JUNE 713 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 50 8	12♊49'06	15♋18	21♉56	8♊28	11♈13	19°R11	29♌31	3°R20	26♓53	1♌26	19°R 1	19♍ 1	21♋52	9♌48	T 1
F 2	16 54 5	13°46'17	27° 9	22°33	9°41	11°57	19♎ 9	29°34	3♎20	26°54	1°27	18♍51	18°58	21°59	9°53	F 2
S 3	16 58 2	14°43'27	8♌58	23°15	10°55	12°40	19° 7	29°38	3°19	26°54	1°29	18°45	18°55	22° 6	9°59	S 3
S 4	17 1 58	15°40'37	20°49	24° 2	12° 9	13°23	19° 5	29°41	3°19	26°55	1°30	18°41	18°51	22°13	10° 4	S 4
M 5	17 5 55	16°37'46	2♍45	24°52	13°22	14° 6	19° 4	29°45	3°19	26°56	1°32	18°39	18°48	22°19	10° 9	M 5
T 6	17 9 51	17°34'55	14°53	25°47	14°36	14°49	19° 3	29°49	3°19	26°57	1°33	18°39	18°45	22°26	10°14	T 6
W 7	17 13 48	18°32'03	27°17	26°46	15°50	15°31	19° 2	29°52	3°19	26°57	1°34	18°39	18°42	22°33	10°19	W 7
T 8	17 17 44	19°29'11	10♎ 3	27°49	17° 3	16°14	19° 1	29°56	3°D19	26°58	1°36	18°38	18°39	22°39	10°25	T 8
F 9	17 21 41	20°26'19	23°14	28°57	18°17	16°57	19° 0	0♍ 0	3°19	26°58	1°37	18°35	18°36	22°46	10°30	F 9
S 10	17 25 37	21°23'26	6♏54	0♊ 8	19°31	17°39	18°59	0° 4	3°19	26°59	1°39	18°30	18°32	22°53	10°36	S 10
S 11	17 29 34	22°20'34	21° 3	1°23	20°44	18°22	18°59	0° 9	3°19	27° 0	1°40	18°22	18°29	22°59	10°41	S 11
M12	17 33 31	23°17'41	5♐40	2°42	21°58	19° 4	18°59	0°13	3°19	27° 0	1°42	18°13	18°26	23° 6	10°47	M12
T 13	17 37 27	24°14'48	20°36	4° 5	23°12	19°47	18°D59	0°17	3°19	27° 1	1°43	18° 2	18°23	23°13	10°53	T 13
W14	17 41 24	25°11'56	5♑44	5°32	24°26	20°29	18°59	0°22	3°20	27° 1	1°45	17°51	18°20	23°20	10°58	W14
T 15	17 45 20	26° 9'03	20°54	7° 3	25°39	21°11	18°59	0°26	3°20	27° 1	1°46	17°42	18°16	23°26	11° 4	T 15
F 16	17 49 17	27° 6'11	5♒55	8°37	26°53	21°53	19° 0	0°31	3°20	27° 2	1°48	17°35	18°13	23°33	11°10	F 16
S 17	17 53 13	28° 3'20	20°38	10°15	28° 7	22°35	19° 0	0°35	3°21	27° 2	1°50	17°31	18°10	23°40	11°16	S 17
S 18	17 57 10	29° 0'28	5♓ 0	11°56	29°21	23°17	19° 1	0°40	3°21	27° 2	1°51	17°29	18° 7	23°46	11°22	S 18
M19	18 1 6	29°57'38	18°58	13°41	0♋34	23°59	19° 2	0°45	3°22	27° 3	1°53	17°D28	18° 4	23°53	11°28	M19
T 20	18 5 3	0♋54'47	2♈33	15°29	1°48	24°40	19° 3	0°50	3°23	27° 3	1°54	17°R29	18° 1	24° 0	11°34	T 20
W21	18 9 0	1°51'58	15°46	17°20	3° 2	25°22	19° 5	0°55	3°23	27° 3	1°56	17°28	17°57	24° 6	11°40	W21
T 22	18 12 56	2°49'09	28°41	19°14	4°16	26° 3	19° 6	1° 0	3°24	27° 3	1°58	17°25	17°54	24°13	11°46	T 22
F 23	18 16 53	3°46'21	11♉21	21°10	5°30	26°45	19° 8	1° 5	3°25	27° 4	1°59	17°21	17°51	24°20	11°52	F 23
S 24	18 20 49	4°43'34	23°48	23° 9	6°44	27°26	19°10	1°10	3°25	27° 4	2° 1	17°13	17°48	24°27	11°58	S 24
S 25	18 24 46	5°40'47	6♊ 4	25°10	7°57	28° 7	19°12	1°15	3°26	27° 4	2° 3	17° 3	17°45	24°33	12° 5	S 25
M26	18 28 42	6°38'01	18°13	27°13	9°11	28°48	19°14	1°20	3°27	27° 4	2° 5	16°51	17°42	24°40	12°11	M26
T 27	18 32 39	7°35'15	0♋14	29°17	10°25	29°29	19°17	1°25	3°28	27°R 4	2° 6	16°39	17°38	24°47	12°17	T 27
W28	18 36 36	8°32'31	12°10	1♋23	11°39	0♉10	19°19	1°31	3°29	27° 4	2° 8	16°26	17°35	24°53	12°24	W28
T 29	18 40 32	9°29'46	24° 2	3°29	12°53	0°51	19°22	1°36	3°30	27° 4	2°10	16°15	17°32	25° 0	12°30	T 29
F 30	18 44 29	10♋27'03	5♌51	5♋36	14♋ 7	1♉31	19♎25	1♍42	3♎31	27♓ 4	2♌12	16♍ 7	17♍29	25♋ 7	12♌37	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n29	18n15	4s30	14n38	3s52	21n48	0s 4	3n 2	1s33	6s19	1n21	13n35	1n59	0s42	0n41	2s42	1s35	28n18	8n33	4n23	4n23	17n32	9n46	8s27
F 2	22 37	17 0	3 57	14 54	3 46	22 2	0 2	3 19	1 33	6 18	1 21	13 34	1 59	0 42	0 41	2 41	1 35	28 18	8 33	4 26	4 24	17 32	9 45	8 27
S 3	22 43	15 2	3 13	15 11	3 39	22 15	0n 1	3 36	1 33	6 18	1 20	13 32	1 59	0 42	0 41	2 41	1 35	28 18	8 33	4 29	4 25	17 31	9 44	8 26
S 4	22 50	12 25	2 22	15 30	3 31	22 27	0 3	3 53	1 33	6 17	1 20	13 31	1 59	0 42	0 41	2 41	1 35	28 17	8 33	4 30	4 26	17 31	9 44	8 25
M 5	22 56	9 16	1 23	15 50	3 23	22 39	0 5	4 10	1 33	6 17	1 20	13 29	1 59	0 42	0 41	2 41	1 35	28 17	8 33	4 31	4 28	17 30	9 43	8 25
T 6	23 1	5 41	0 20	16 11	3 14	22 50	0 8	4 27	1 33	6 17	1 20	13 28	1 59	0 42	0 41	2 40	1 35	28 16	8 33	4 31	4 29	17 30	9 42	8 24
W 7	23 6	1 47	0n46	16 34	3 5	23 1	0 10	4 44	1 33	6 17	1 19	13 27	1 59	0 42	0 41	2 40	1 35	28 16	8 33	4 31	4 30	17 29	9 41	8 23
T 8	23 11	2s19	1 51	16 58	2 55	23 10	0 12	5 0	1 32	6 17	1 19	13 25	1 59	0 42	0 41	2 40	1 35	28 15	8 33	4 32	4 31	17 28	9 41	8 23
F 9	23 15	6 26	2 52	17 23	2 44	23 20	0 15	5 17	1 32	6 17	1 19	13 23	1 58	0 42	0 41	2 40	1 35	28 15	8 33	4 33	4 33	17 28	9 40	8 22
S 10	23 19	10 21	3 46	17 49	2 33	23 28	0 17	5 34	1 32	6 17	1 18	13 22	1 58	0 42	0 41	2 40	1 35	28 15	8 33	4 35	4 34	17 27	9 39	8 22
S 11	23 23	13 50	4 28	18 16	2 22	23 36	0 19	5 50	1 32	6 17	1 18	13 20	1 58	0 42	0 41	2 40	1 35	28 14	8 33	4 38	4 35	17 27	9 38	8 21
M12	23 26	16 35	4 54	18 43	2 10	23 43	0 22	6 6	1 32	6 17	1 18	13 19	1 58	0 42	0 41	2 39	1 35	28 14	8 32	4 42	4 36	17 26	9 37	8 20
T 13	23 29	18 16	5 0	19 10	1 58	23 50	0 24	6 23	1 31	6 17	1 18	13 17	1 58	0 42	0 41	2 39	1 35	28 13	8 32	4 46	4 38	17 25	9 36	8 20
W14	23 31	18 42	4 46	19 38	1 46	23 55	0 26	6 39	1 31	6 17	1 17	13 15	1 58	0 42	0 41	2 39	1 35	28 13	8 32	4 50	4 39	17 25	9 35	8 19
T 15	23 33	17 49	4 12	20 6	1 34	24 0	0 29	6 55	1 31	6 18	1 17	13 14	1 58	0 43	0 41	2 39	1 35	28 12	8 32	4 54	4 40	17 24	9 34	8 19
F 16	23 34	15 41	3 21	20 33	1 21	24 5	0 31	7 11	1 31	6 18	1 17	13 12	1 57	0 43	0 41	2 39	1 36	28 12	8 32	4 56	4 41	17 24	9 33	8 18
S 17	23 35	12 33	2 17	21 0	1 9	24 8	0 33	7 27	1 31	6 19	1 16	13 10	1 57	0 43	0 41	2 39	1 36	28 11	8 32	4 58	4 43	17 23	9 32	8 18
S 18	23 36	8 43	1 6	21 27	0 56	24 11	0 35	7 43	1 30	6 19	1 16	13 8	1 57	0 43	0 41	2 39	1 36	28 11	8 32	4 59	4 44	17 22	9 31	8 17
M19	23 36	4 31	0s 8	21 53	0 43	24 13	0 37	7 58	1 30	6 20	1 16	13 6	1 57	0 44	0 41	2 39	1 36	28 11	8 32	4 59	4 45	17 22	9 30	8 16
T 20	23 36	0 11	1 19	22 18	0 31	24 15	0 39	8 14	1 30	6 21	1 16	13 5	1 57	0 44	0 41	2 39	1 36	28 10	8 32	4 59	4 46	17 21	9 29	8 16
W21	23 35	4n 2	2 24	22 41	0 19	24 16	0 41	8 29	1 29	6 22	1 15	13 3	1 57	0 44	0 41	2 39	1 36	28 10	8 32	4 59	4 48	17 20	9 28	8 15
T 22	23 34	7 58	3 20	23 3	0 7	24 16	0 44	8 45	1 29	6 22	1 15	13 1	1 57	0 44	0 41	2 39	1 36	28 9	8 32	5 0	4 49	17 20	9 27	8 15
F 23	23 33	11 27	4 5	23 23	0n 5	24 15	0 46	9 0	1 29	6 23	1 15	12 59	1 57	0 45	0 40	2 39	1 36	28 9	8 32	5 2	4 50	17 19	9 25	8 14
S 24	23 31	14 22	4 37	23 42	0 16	24 13	0 48	9 15	1 28	6 24	1 14	12 57	1 57	0 45	0 40	2 39	1 36	28 8	8 32	5 5	4 51	17 19	9 24	8 14
S 25	23 29	16 36	4 56	23 58	0 27	24 11	0 49	9 30	1 28	6 25	1 14	12 55	1 56	0 46	0 40	2 39	1 36	28 8	8 32	5 9	4 53	17 18	9 23	8 13
M26	23 26	18 4	5 2	24 12	0 37	24 8	0 51	9 45	1 28	6 27	1 14	12 53	1 56	0 46	0 40	2 39	1 36	28 8	8 32	5 14	4 54	17 17	9 22	8 13
T 27	23 23	18 43	4 53	24 23	0 47	24 5	0 53	10 0	1 27	6 28	1 14	12 51	1 56	0 46	0 40	2 39	1 36	28 7	8 32	5 18	4 55	17 17	9 21	8 13
W28	23 20	18 31	4 32	24 32	0 56	24 0	0 55	10 15	1 27	6 29	1 13	12 49	1 56	0 47	0 40	2 39	1 36	28 7	8 32	5 23	4 56	17 16	9 19	8 12
T 29	23 16	17 31	4 0	24 38	1 4	23 55	0 57	10 30	1 27	6 30	1 13	12 47	1 56	0 47	0 40	2 39	1 36	28 6	8 32	5 27	4 57	17 15	9 18	8 12
F 30	23n11	15n46	3s16	24n41	1n12	23n49	0n59	10n44	1s26	6s32	1n13	12n45	1n56	0s48	0n40	2s39	1s36	28n 6	8n32	5n31	4n59	17n15	9n17	8s11

Julian Day Number = 1981632.5, Delta T = 58m47s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'09, Lahiri = 5°56'10 Julian Calendar 1 June 713 == Greg. Calendar 5 June 713

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JULY 713 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 48 25	11♋24'19	17♌40	7♋44	15♋21	2♉12	19♎28	1♍47	3♎33	27°R 4	2♌13	16°R 0	17♍26	25♋13	12♌43	S 1
S 2	18 52 22	12°21'37	29°31	9°51	16°35	2°52	19°32	1°53	3°34	27♓ 3	2°15	15♍57	17°22	25°20	12°50	S 2
M 3	18 56 18	13°18'55	11♍29	11°58	17°49	3°33	19°35	1°59	3°35	27° 3	2°17	15°D55	17°19	25°27	12°56	M 3
T 4	19 0 15	14°16'13	23°37	14° 4	19° 3	4°13	19°39	2° 5	3°36	27° 3	2°19	15°56	17°16	25°34	13° 3	T 4
W 5	19 4 11	15°13'32	6♎ 0	16°10	20°17	4°53	19°42	2°10	3°38	27° 3	2°20	15°56	17°13	25°40	13°10	W 5
T 6	19 8 8	16°10'52	18°43	18°15	21°31	5°33	19°46	2°16	3°39	27° 3	2°22	15°R56	17°10	25°47	13°17	T 6
F 7	19 12 5	17° 8'12	1♏50	20°19	22°45	6°12	19°51	2°22	3°41	27° 2	2°24	15°55	17° 7	25°54	13°23	F 7
S 8	19 16 1	18° 5'32	15°25	22°22	23°59	6°52	19°55	2°28	3°42	27° 2	2°26	15°52	17° 3	26° 0	13°30	S 8
S 9	19 19 58	19° 2'54	29°30	24°23	25°13	7°32	19°59	2°34	3°44	27° 2	2°28	15°47	17° 0	26° 7	13°37	S 9
M10	19 23 54	20° 0'16	14♐ 2	26°23	26°27	8°11	20° 4	2°40	3°45	27° 1	2°30	15°40	16°57	26°14	13°44	M10
T 11	19 27 51	20°57'39	28°59	28°22	27°41	8°50	20° 9	2°46	3°47	27° 1	2°31	15°33	16°54	26°20	13°51	T 11
W12	19 31 47	21°55'03	14♑11	0♌19	28°55	9°30	20°14	2°53	3°49	27° 0	2°33	15°25	16°51	26°27	13°58	W12
T 13	19 35 44	22°52'28	29°29	2°15	0♌ 9	10° 9	20°19	2°59	3°51	27° 0	2°35	15°18	16°48	26°34	14° 4	T 13
F 14	19 39 40	23°49'54	14♒41	4° 9	1°23	10°48	20°24	3° 5	3°52	26°59	2°37	15°13	16°44	26°40	14°11	F 14
S 15	19 43 37	24°47'21	29°39	6° 2	2°37	11°26	20°29	3°12	3°54	26°59	2°39	15°10	16°41	26°47	14°18	S 15
S 16	19 47 34	25°44'49	14♓13	7°53	3°51	12° 5	20°35	3°18	3°56	26°58	2°41	15°D 9	16°38	26°54	14°25	S 16
M17	19 51 30	26°42'19	28°22	9°42	5° 5	12°43	20°40	3°24	3°58	26°58	2°42	15° 9	16°35	27° 1	14°32	M17
T 18	19 55 27	27°39'50	12♈ 4	11°30	6°19	13°22	20°46	3°31	4° 0	26°57	2°44	15°10	16°32	27° 7	14°40	T 18
W19	19 59 23	28°37'23	25°21	13°17	7°33	14° 0	20°52	3°37	4° 2	26°56	2°46	15°R11	16°28	27°14	14°47	W19
T 20	20 3 20	29°34'57	8♉15	15° 2	8°47	14°38	20°58	3°44	4° 4	26°56	2°48	15°11	16°25	27°21	14°54	T 20
F 21	20 7 16	0♌32'33	20°50	16°45	10° 1	15°16	21° 5	3°51	4° 6	26°55	2°50	15° 9	16°22	27°27	15° 1	F 21
S 22	20 11 13	1°30'10	3♊10	18°27	11°15	15°54	21°11	3°57	4° 8	26°54	2°52	15° 5	16°19	27°34	15° 8	S 22
S 23	20 15 9	2°27'49	15°19	20° 8	12°30	16°31	21°18	4° 4	4°11	26°53	2°54	14°59	16°16	27°41	15°15	S 23
M24	20 19 6	3°25'30	27°19	21°47	13°44	17° 9	21°24	4°11	4°13	26°52	2°56	14°52	16°13	27°47	15°22	M24
T 25	20 23 3	4°23'12	9♋14	23°24	14°58	17°46	21°31	4°17	4°15	26°52	2°57	14°45	16° 9	27°54	15°30	T 25
W26	20 26 59	5°20'55	21° 5	25° 0	16°12	18°23	21°38	4°24	4°18	26°51	2°59	14°37	16° 6	28° 1	15°37	W26
T 27	20 30 56	6°18'40	2♌55	26°35	17°26	19° 0	21°45	4°31	4°20	26°50	3° 1	14°31	16° 3	28° 7	15°44	T 27
F 28	20 34 52	7°16'27	14°45	28° 8	18°40	19°37	21°52	4°38	4°22	26°49	3° 3	14°26	16° 0	28°14	15°51	F 28
S 29	20 38 49	8°14'15	26°37	29°40	19°54	20°14	22° 0	4°45	4°25	26°48	3° 5	14°22	15°57	28°21	15°59	S 29
S 30	20 42 45	9°12'04	8♍34	1♍10	21° 9	20°50	22° 7	4°52	4°27	26°47	3° 7	14°D21	15°54	28°27	16° 6	S 30
M31	20 46 42	10♌ 9'55	20♍38	2♍39	22♌23	21♉27	22♎15	4♍59	4♎30	26♓46	3♌ 9	14♍21	15♍50	28♋34	16♌13	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	13n21	2s25	24n42	1n19	23n43	1n 0	10n59	1s26	6s33	1n12	12n43	1n56	0s48	0n40	2s39	1s36	28n 5	8n32	5n33	5n 0	17n14	9n15	8s11
S 2	23 1	10 22	1 26	24 39	1 25	23 36	1 2	11 13	1 25	6 35	1 12	12 41	1 56	0 49	0 40	2 39	1 37	28 5	8 32	5 35	5 1	17 13	9 14	8 10
M 3	22 56	6 56	0 24	24 34	1 31	23 28	1 4	11 27	1 25	6 36	1 12	12 38	1 56	0 49	0 40	2 39	1 37	28 4	8 32	5 35	5 2	17 13	9 12	8 10
T 4	22 50	3 11	0n41	24 26	1 35	23 19	1 5	11 41	1 25	6 38	1 12	12 36	1 56	0 50	0 40	2 39	1 37	28 4	8 32	5 35	5 4	17 12	9 11	8 10
W 5	22 44	0s47	1 45	24 16	1 39	23 10	1 7	11 55	1 24	6 40	1 11	12 34	1 56	0 50	0 40	2 40	1 37	28 4	8 32	5 35	5 5	17 11	9 9	8 9
T 6	22 37	4 49	2 46	24 3	1 43	23 0	1 8	12 9	1 24	6 41	1 11	12 32	1 55	0 51	0 40	2 40	1 37	28 3	8 32	5 35	5 6	17 11	9 8	8 9
F 7	22 30	8 45	3 40	23 47	1 45	22 49	1 10	12 22	1 23	6 43	1 11	12 30	1 55	0 52	0 40	2 40	1 37	28 3	8 32	5 35	5 7	17 10	9 6	8 9
S 8	22 22	12 21	4 24	23 29	1 47	22 38	1 11	12 36	1 23	6 45	1 11	12 27	1 55	0 52	0 40	2 40	1 37	28 2	8 32	5 36	5 9	17 9	9 5	8 8
S 9	22 14	15 24	4 54	23 9	1 48	22 26	1 13	12 49	1 22	6 47	1 10	12 25	1 55	0 53	0 40	2 40	1 37	28 2	8 32	5 38	5 10	17 9	9 3	8 8
M10	22 6	17 35	5 6	22 47	1 48	22 13	1 14	13 3	1 22	6 49	1 10	12 23	1 55	0 54	0 40	2 40	1 37	28 1	8 32	5 41	5 11	17 8	9 2	8 8
T 11	21 57	18 38	4 58	22 23	1 48	22 0	1 15	13 16	1 21	6 51	1 10	12 20	1 55	0 54	0 40	2 41	1 37	28 1	8 32	5 44	5 12	17 7	9 0	8 7
W12	21 48	18 23	4 29	21 57	1 47	21 46	1 16	13 29	1 21	6 53	1 9	12 18	1 55	0 55	0 40	2 41	1 37	28 1	8 32	5 47	5 14	17 7	8 58	8 7
T 13	21 39	16 48	3 40	21 30	1 45	21 31	1 17	13 42	1 20	6 55	1 9	12 16	1 55	0 56	0 40	2 41	1 37	28 0	8 32	5 50	5 15	17 6	8 57	8 7
F 14	21 29	14 3	2 36	21 1	1 43	21 16	1 18	13 54	1 20	6 58	1 9	12 13	1 55	0 57	0 40	2 41	1 37	28 0	8 32	5 52	5 16	17 5	8 55	8 6
S 15	21 19	10 23	1 23	20 31	1 41	21 0	1 19	14 7	1 19	7 0	1 9	12 11	1 55	0 57	0 40	2 42	1 37	27 59	8 32	5 53	5 17	17 4	8 53	8 6
S 16	21 8	6 10	0 5	20 0	1 38	20 43	1 20	14 19	1 18	7 2	1 8	12 9	1 55	0 58	0 40	2 42	1 37	27 59	8 32	5 54	5 19	17 4	8 52	8 6
M17	20 57	1 44	1s11	19 27	1 34	20 26	1 21	14 32	1 18	7 5	1 8	12 6	1 55	0 59	0 40	2 42	1 37	27 59	8 32	5 53	5 20	17 3	8 50	8 6
T 18	20 46	2n39	2 20	18 53	1 30	20 9	1 22	14 44	1 17	7 7	1 8	12 4	1 55	1 0	0 40	2 43	1 37	27 58	8 32	5 53	5 21	17 2	8 48	8 5
W19	20 35	6 46	3 20	18 19	1 25	19 50	1 23	14 56	1 17	7 9	1 8	12 1	1 55	1 1	0 39	2 43	1 37	27 58	8 32	5 53	5 22	17 2	8 46	8 5
T 20	20 23	10 27	4 8	17 43	1 21	19 32	1 23	15 8	1 16	7 12	1 7	11 59	1 54	1 2	0 39	2 43	1 38	27 57	8 32	5 53	5 24	17 1	8 45	8 5
F 21	20 10	13 33	4 42	17 7	1 15	19 12	1 24	15 19	1 15	7 15	1 7	11 56	1 54	1 2	0 39	2 44	1 38	27 57	8 32	5 54	5 25	17 0	8 43	8 5
S 22	19 58	15 59	5 2	16 30	1 10	18 52	1 25	15 31	1 15	7 17	1 7	11 54	1 54	1 3	0 39	2 44	1 38	27 57	8 32	5 55	5 26	17 0	8 41	8 4
S 23	19 45	17 40	5 9	15 53	1 4	18 32	1 25	15 42	1 14	7 20	1 7	11 51	1 54	1 4	0 39	2 44	1 38	27 56	8 32	5 57	5 27	16 59	8 39	8 4
M24	19 31	18 33	5 2	15 15	0 57	18 11	1 26	15 54	1 13	7 23	1 6	11 49	1 54	1 5	0 39	2 45	1 38	27 56	8 32	6 0	5 29	16 58	8 37	8 4
T 25	19 18	18 36	4 42	14 37	0 51	17 50	1 26	16 5	1 13	7 25	1 6	11 46	1 54	1 6	0 39	2 45	1 38	27 55	8 32	6 3	5 30	16 57	8 35	8 4
W26	19 4	17 50	4 9	13 58	0 44	17 28	1 26	16 16	1 12	7 28	1 6	11 44	1 54	1 7	0 39	2 45	1 38	27 55	8 32	6 6	5 31	16 57	8 33	8 4
T 27	18 49	16 18	3 26	13 19	0 37	17 5	1 27	16 27	1 11	7 31	1 6	11 41	1 54	1 8	0 39	2 46	1 38	27 55	8 33	6 8	5 32	16 56	8 32	8 4
F 28	18 35	14 4	2 34	12 40	0 29	16 42	1 27	16 37	1 11	7 34	1 5	11 39	1 54	1 9	0 39	2 46	1 38	27 54	8 33	6 10	5 34	16 55	8 30	8 3
S 29	18 20	11 14	1 35	12 0	0 22	16 19	1 27	16 48	1 10	7 37	1 5	11 36	1 54	1 10	0 39	2 47	1 38	27 54	8 33	6 12	5 35	16 54	8 28	8 3
S 30	18 5	7 55	0 31	11 21	0 14	15 55	1 27	16 58	1 9	7 40	1 5	11 34	1 54	1 11	0 39	2 47	1 38	27 54	8 33	6 12	5 36	16 54	8 26	8 3
M31	17n49	4n16	0n34	10n42	0n 6	15n31	1n27	17n 9	1s 8	7s43	1n 5	11n31	1n54	1s12	0n39	2s48	1s38	27n53	8n33	6n12	5n37	16n53	8n24	8s 3

Julian Day Number = 1981662.5, Delta T = 58m46s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'14, Lahiri = 5°56'14 Julian Calendar 1 July 713 == Greg. Calendar 5 July 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

AUGUST 713 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 50 38	11♌ 7'47	2♎52	4♍ 6	23♌37	22♉ 3	22♎23	5♍ 6	4♎32	26°R45	3♌11	14♍22	15♍47	28♋41	16♌20	T 1
W 2	20 54 35	12° 5'40	15°20	5°32	24°51	22°39	22°31	5°13	4°35	26♓44	3°12	14°23	15°44	28°48	16°28	W 2
T 3	20 58 31	13° 3'35	28° 5	6°56	26° 5	23°15	22°39	5°20	4°38	26°43	3°14	14°25	15°41	28°54	16°35	T 3
F 4	21 2 28	14° 1'31	11♏10	8°19	27°20	23°50	22°47	5°27	4°40	26°42	3°16	14°R26	15°38	29° 1	16°42	F 4
S 5	21 6 25	14°59'28	24°39	9°40	28°34	24°25	22°55	5°34	4°43	26°41	3°18	14°25	15°34	29° 8	16°50	S 5
S 6	21 10 21	15°57'27	8♐34	11° 0	29°48	25° 1	23° 3	5°41	4°46	26°39	3°20	14°24	15°31	29°14	16°57	S 6
M 7	21 14 18	16°55'27	22°55	12°18	1♍ 2	25°36	23°12	5°48	4°49	26°38	3°22	14°21	15°28	29°21	17° 4	M 7
T 8	21 18 14	17°53'29	7♑38	13°34	2°16	26°10	23°21	5°56	4°52	26°37	3°23	14°18	15°25	29°28	17°12	T 8
W 9	21 22 11	18°51'32	22°39	14°48	3°30	26°45	23°29	6° 3	4°54	26°36	3°25	14°14	15°22	29°34	17°19	W 9
T 10	21 26 7	19°49'37	7♒48	16° 1	4°45	27°20	23°38	6°10	4°57	26°35	3°27	14°11	15°19	29°41	17°26	T 10
F 11	21 30 4	20°47'43	22°58	17°12	5°59	27°54	23°47	6°17	5° 0	26°33	3°29	14° 9	15°15	29°48	17°34	F 11
S 12	21 34 1	21°45'52	7♓57	18°20	7°13	28°28	23°56	6°25	5° 3	26°32	3°31	14°D 8	15°12	29°54	17°41	S 12
S 13	21 37 57	22°44'02	22°38	19°27	8°27	29° 2	24° 5	6°32	5° 6	26°31	3°32	14° 8	15° 9	0♌ 1	17°48	S 13
M14	21 41 54	23°42'14	6♈55	20°31	9°41	29°35	24°15	6°39	5° 9	26°29	3°34	14° 9	15° 6	0° 8	17°56	M14
T 15	21 45 50	24°40'28	20°45	21°33	10°56	0♊ 9	24°24	6°46	5°12	26°28	3°36	14°10	15° 3	0°14	18° 3	T 15
W16	21 49 47	25°38'44	4♉ 9	22°33	12°10	0°42	24°33	6°54	5°15	26°27	3°38	14°12	15° 0	0°21	18°10	W16
T 17	21 53 43	26°37'02	17° 8	23°29	13°24	1°15	24°43	7° 1	5°19	26°25	3°40	14°12	14°56	0°28	18°18	T 17
F 18	21 57 40	27°35'23	29°46	24°23	14°38	1°47	24°53	7° 9	5°22	26°24	3°41	14°R13	14°53	0°35	18°25	F 18
S 19	22 1 36	28°33'45	12♊ 5	25°15	15°52	2°20	25° 2	7°16	5°25	26°22	3°43	14°12	14°50	0°41	18°32	S 19
S 20	22 5 33	29°32'10	24°12	26° 2	17° 7	2°52	25°12	7°23	5°28	26°21	3°45	14°11	14°47	0°48	18°40	S 20
M21	22 9 29	0♍30'37	6♋ 8	26°47	18°21	3°24	25°22	7°31	5°31	26°19	3°46	14° 9	14°44	0°55	18°47	M21
T 22	22 13 26	1°29'07	18° 0	27°28	19°35	3°56	25°32	7°38	5°35	26°18	3°48	14° 7	14°40	1° 1	18°54	T 22
W23	22 17 23	2°27'38	29°49	28° 4	20°49	4°27	25°43	7°46	5°38	26°17	3°50	14° 6	14°37	1° 8	19° 1	W23
T 24	22 21 19	3°26'11	11♌40	28°37	22° 3	4°58	25°53	7°53	5°41	26°15	3°52	14° 4	14°34	1°15	19° 9	T 24
F 25	22 25 16	4°24'47	23°34	29° 5	23°18	5°29	26° 3	8° 0	5°45	26°14	3°53	14° 3	14°31	1°21	19°16	F 25
S 26	22 29 12	5°23'24	5♍34	29°28	24°32	6° 0	26°14	8° 8	5°48	26°12	3°55	14° 2	14°28	1°28	19°23	S 26
S 27	22 33 9	6°22'04	17°41	29°45	25°46	6°30	26°24	8°15	5°51	26°10	3°57	14°D 2	14°25	1°35	19°30	S 27
M28	22 37 5	7°20'45	29°58	29°57	27° 0	7° 0	26°35	8°23	5°55	26° 9	3°58	14° 3	14°21	1°41	19°37	M28
T 29	22 41 2	8°19'29	12♎26	0°R 3	28°14	7°30	26°46	8°30	5°58	26° 7	4° 0	14° 3	14°18	1°48	19°44	T 29
W30	22 44 58	9°18'14	25° 7	0♎ 3	29°28	8° 0	26°56	8°38	6° 2	26° 6	4° 1	14° 4	14°15	1°55	19°52	W30
T 31	22 48 55	10♍17'01	8♏ 2	29♍56	0♎43	8♊29	27♎ 7	8♍45	6♎ 5	26♓ 4	4♌ 3	14♍ 4	14♍12	2♌ 1	19♌59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n33	0n22	1n40	10n 2	0s 2	15n 6	1n27	17n19	1s 8	7s46	1n 4	11n28	1n54	1s13	0n39	2s48	1s38	27n53	8n33	6n12	5n39	16n52	8n22	8s 3
W 2	17 17	3s36	2 42	9 23	0 11	14 41	1 27	17 29	1 7	7 49	1 4	11 26	1 54	1 14	0 39	2 48	1 38	27 53	8 33	6 11	5 40	16 51	8 20	8 3
T 3	17 1	7 29	3 37	8 44	0 19	14 16	1 26	17 39	1 6	7 53	1 4	11 23	1 54	1 15	0 39	2 49	1 38	27 52	8 33	6 11	5 41	16 51	8 18	8 3
F 4	16 44	11 7	4 23	8 5	0 28	13 50	1 26	17 48	1 5	7 56	1 4	11 20	1 54	1 16	0 39	2 49	1 38	27 52	8 33	6 10	5 42	16 50	8 15	8 3
S 5	16 27	14 17	4 55	7 26	0 37	13 24	1 26	17 58	1 5	7 59	1 4	11 18	1 54	1 18	0 39	2 50	1 38	27 51	8 33	6 10	5 43	16 49	8 13	8 3
S 6	16 10	16 45	5 12	6 47	0 45	12 57	1 25	18 7	1 4	8 3	1 3	11 15	1 54	1 19	0 39	2 50	1 38	27 51	8 34	6 11	5 45	16 48	8 11	8 3
M 7	15 52	18 15	5 10	6 9	0 54	12 30	1 25	18 16	1 3	8 6	1 3	11 12	1 54	1 20	0 39	2 51	1 38	27 51	8 34	6 12	5 46	16 48	8 9	8 3
T 8	15 34	18 35	4 48	5 32	1 3	12 3	1 24	18 25	1 2	8 9	1 3	11 10	1 54	1 21	0 39	2 51	1 38	27 50	8 34	6 13	5 47	16 47	8 7	8 3
W 9	15 16	17 38	4 6	4 55	1 13	11 35	1 24	18 34	1 1	8 13	1 3	11 7	1 54	1 22	0 39	2 52	1 38	27 50	8 34	6 15	5 48	16 46	8 5	8 2
T 10	14 58	15 26	3 7	4 18	1 22	11 7	1 23	18 43	1 0	8 16	1 2	11 4	1 54	1 23	0 39	2 53	1 39	27 50	8 34	6 16	5 50	16 45	8 3	8 2
F 11	14 40	12 10	1 54	3 42	1 31	10 39	1 22	18 52	0 59	8 20	1 2	11 2	1 54	1 25	0 39	2 53	1 39	27 50	8 34	6 17	5 51	16 45	8 1	8 2
S 12	14 21	8 7	0 34	3 7	1 40	10 11	1 21	19 0	0 58	8 23	1 2	10 59	1 54	1 26	0 39	2 54	1 39	27 49	8 34	6 17	5 52	16 44	7 58	8 3
S 13	14 2	3 40	0s47	2 32	1 49	9 42	1 21	19 9	0 58	8 27	1 2	10 56	1 54	1 27	0 39	2 54	1 39	27 49	8 35	6 17	5 53	16 43	7 56	8 3
M14	13 43	0n53	2 3	1 58	1 58	9 13	1 20	19 17	0 57	8 30	1 2	10 53	1 54	1 28	0 39	2 55	1 39	27 49	8 35	6 17	5 55	16 42	7 54	8 3
T 15	13 23	5 15	3 9	1 25	2 7	8 44	1 19	19 25	0 56	8 34	1 1	10 51	1 54	1 30	0 39	2 55	1 39	27 48	8 35	6 16	5 56	16 41	7 52	8 3
W16	13 4	9 11	4 2	0 54	2 16	8 14	1 18	19 33	0 55	8 38	1 1	10 48	1 54	1 31	0 39	2 56	1 39	27 48	8 35	6 16	5 57	16 41	7 50	8 3
T 17	12 44	12 34	4 42	0 23	2 25	7 45	1 16	19 40	0 54	8 42	1 1	10 45	1 54	1 32	0 39	2 57	1 39	27 48	8 35	6 15	5 58	16 40	7 47	8 3
F 18	12 24	15 15	5 6	0s 7	2 34	7 15	1 15	19 48	0 53	8 45	1 1	10 43	1 54	1 33	0 39	2 57	1 39	27 48	8 35	6 15	6 0	16 39	7 45	8 3
S 19	12 3	17 10	5 16	0 35	2 43	6 45	1 14	19 56	0 52	8 49	1 1	10 40	1 54	1 35	0 39	2 58	1 39	27 47	8 35	6 15	6 1	16 38	7 43	8 3
S 20	11 43	18 17	5 11	1 2	2 51	6 14	1 13	20 3	0 51	8 53	1 0	10 37	1 54	1 36	0 38	2 58	1 39	27 47	8 36	6 16	6 2	16 37	7 40	8 3
M21	11 22	18 34	4 53	1 27	2 59	5 44	1 11	20 10	0 50	8 57	1 0	10 34	1 54	1 37	0 38	2 59	1 39	27 47	8 36	6 17	6 3	16 37	7 38	8 3
T 22	11 1	18 2	4 23	1 50	3 7	5 13	1 10	20 17	0 49	9 1	1 0	10 31	1 54	1 39	0 38	3 0	1 39	27 47	8 36	6 17	6 4	16 36	7 36	8 3
W23	10 40	16 43	3 41	2 12	3 15	4 43	1 8	20 24	0 47	9 4	1 0	10 29	1 54	1 40	0 38	3 0	1 39	27 46	8 36	6 18	6 6	16 35	7 34	8 3
T 24	10 19	14 41	2 50	2 31	3 22	4 12	1 7	20 31	0 46	9 8	1 0	10 26	1 54	1 41	0 38	3 1	1 39	27 46	8 36	6 19	6 7	16 34	7 31	8 4
F 25	9 57	12 0	1 51	2 49	3 28	3 41	1 5	20 37	0 45	9 12	0 59	10 23	1 54	1 43	0 38	3 1	1 39	27 46	8 37	6 19	6 8	16 33	7 29	8 4
S 26	9 36	8 48	0 47	3 3	3 34	3 9	1 3	20 44	0 44	9 16	0 59	10 20	1 54	1 44	0 38	3 2	1 39	27 46	8 37	6 19	6 9	16 33	7 27	8 4
S 27	9 14	5 12	0n20	3 15	3 40	2 38	1 2	20 50	0 43	9 20	0 59	10 18	1 54	1 45	0 38	3 3	1 39	27 45	8 37	6 19	6 11	16 32	7 24	8 4
M28	8 52	1 21	1 27	3 25	3 44	2 7	1 0	20 56	0 42	9 24	0 59	10 15	1 54	1 47	0 38	3 3	1 39	27 45	8 37	6 19	6 12	16 31	7 22	8 4
T 29	8 30	2s38	2 31	3 30	3 48	1 36	0 58	21 3	0 41	9 28	0 59	10 12	1 54	1 48	0 38	3 4	1 39	27 45	8 37	6 19	6 13	16 30	7 20	8 4
W30	8 8	6 33	3 29	3 33	3 51	1 4	0 56	21 9	0 39	9 32	0 59	10 9	1 54	1 49	0 38	3 5	1 39	27 45	8 38	6 19	6 14	16 29	7 17	8 5
T 31	7n46	10s14	4n17	3s32	3s53	0n33	0n54	21n14	0s38	9s37	0n58	10n 7	1n54	1s51	0n38	3s 5	1s39	27n45	8n38	6n19	6n16	16n28	7n15	8s 5

Julian Day Number = 1981693.5, Delta T = 58m45s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'18, Lahiri = 5°56'18 Julian Calendar 1 Aug. 713 == Greg. Calendar 5 Aug. 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

SEPTEMBER 713 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 52 52	11♍15'50	21♏14	29°R42	1♎57	8♊58	27♎18	8♍53	6♎ 9	26°R 3	4♌ 5	14♍ 4	14♍ 9	2♌ 8	20♌ 6	F 1
S 2	22 56 48	12°14'41	4♐43	29♍20	3°11	9°26	27°29	9° 0	6°12	26♓ 1	4° 6	14° 4	14° 5	2°15	20°13	S 2
S 3	23 0 45	13°13'33	18°32	28°51	4°25	9°55	27°40	9° 7	6°16	25°59	4° 8	14°R 4	14° 2	2°21	20°20	S 3
M 4	23 4 41	14°12'28	2♑39	28°15	5°39	10°23	27°52	9°15	6°19	25°58	4° 9	14°D 4	13°59	2°28	20°27	M 4
T 5	23 8 38	15°11'24	17° 3	27°32	6°53	10°50	28° 3	9°22	6°23	25°56	4°11	14° 5	13°56	2°35	20°34	T 5
W 6	23 12 34	16°10'22	1♒42	26°42	8° 7	11°18	28°14	9°30	6°26	25°54	4°12	14° 5	13°53	2°41	20°41	W 6
T 7	23 16 31	17° 9'22	16°30	25°45	9°22	11°45	28°26	9°37	6°30	25°53	4°14	14° 5	13°50	2°48	20°48	T 7
F 8	23 20 27	18° 8'24	1♓20	24°44	10°36	12°11	28°37	9°44	6°34	25°51	4°15	14° 5	13°46	2°55	20°55	F 8
S 9	23 24 24	19° 7'27	16° 6	23°38	11°50	12°37	28°49	9°52	6°37	25°49	4°16	14°R 5	13°43	3° 1	21° 1	S 9
S 10	23 28 20	20° 6'33	0♈40	22°30	13° 4	13° 3	29° 0	9°59	6°41	25°48	4°18	14° 5	13°40	3° 8	21° 8	S 10
M11	23 32 17	21° 5'41	14°56	21°20	14°18	13°29	29°12	10° 7	6°45	25°46	4°19	14° 5	13°37	3°15	21°15	M11
T 12	23 36 14	22° 4'51	28°49	20°12	15°32	13°54	29°24	10°14	6°48	25°44	4°21	14° 4	13°34	3°22	21°22	T 12
W13	23 40 10	23° 4'03	12♉18	19° 6	16°46	14°19	29°36	10°21	6°52	25°43	4°22	14° 3	13°31	3°28	21°28	W13
T 14	23 44 7	24° 3'18	25°22	18° 4	18° 0	14°43	29°48	10°29	6°56	25°41	4°23	14° 1	13°27	3°35	21°35	T 14
F 15	23 48 3	25° 2'35	8♊ 4	17° 9	19°14	15° 7	29°59	10°36	6°59	25°39	4°25	14° 0	13°24	3°42	21°42	F 15
S 16	23 52 0	26° 1'55	20°26	16°22	20°28	15°31	0♏12	10°43	7° 3	25°38	4°26	14°D 0	13°21	3°48	21°48	S 16
S 17	23 55 56	27° 1'17	2♋33	15°44	21°42	15°54	0°24	10°50	7° 7	25°36	4°27	14° 0	13°18	3°55	21°55	S 17
M18	23 59 53	28° 0'41	14°30	15°16	22°56	16°17	0°36	10°58	7°10	25°34	4°28	14° 1	13°15	4° 2	22° 1	M18
T 19	0 3 49	29° 0'08	26°21	14°58	24°10	16°39	0°48	11° 5	7°14	25°33	4°30	14° 2	13°11	4° 8	22° 8	T 19
W20	0 7 46	29°59'37	8♌10	14°D52	25°24	17° 1	1° 0	11°12	7°18	25°31	4°31	14° 3	13° 8	4°15	22°14	W20
T 21	0 11 43	0♎59'08	20° 2	14°56	26°38	17°22	1°13	11°19	7°22	25°29	4°32	14° 5	13° 5	4°22	22°21	T 21
F 22	0 15 39	1°58'42	2♍ 1	15°11	27°52	17°43	1°25	11°26	7°25	25°28	4°33	14° 6	13° 2	4°28	22°27	F 22
S 23	0 19 36	2°58'18	14°10	15°37	29° 6	18° 4	1°37	11°33	7°29	25°26	4°34	14°R 6	12°59	4°35	22°33	S 23
S 24	0 23 32	3°57'56	26°31	16°12	0♏20	18°24	1°50	11°41	7°33	25°24	4°35	14° 6	12°56	4°42	22°40	S 24
M25	0 27 29	4°57'36	9♎ 5	16°56	1°34	18°43	2° 2	11°48	7°37	25°23	4°37	14° 4	12°52	4°48	22°46	M25
T 26	0 31 25	5°57'18	21°53	17°48	2°48	19° 2	2°15	11°55	7°41	25°21	4°38	14° 1	12°49	4°55	22°52	T 26
W27	0 35 22	6°57'02	4♏55	18°47	4° 2	19°20	2°28	12° 2	7°44	25°19	4°39	13°58	12°46	5° 2	22°58	W27
T 28	0 39 18	7°56'48	18°11	19°53	5°16	19°38	2°40	12° 9	7°48	25°18	4°40	13°54	12°43	5° 8	23° 4	T 28
F 29	0 43 15	8°56'36	1♐40	21° 4	6°30	19°56	2°53	12°16	7°52	25°16	4°41	13°51	12°40	5°15	23°10	F 29
S 30	0 47 11	9♎56'26	15♐21	22♍21	7♏44	20♊12	3♏ 6	12♍22	7♎56	25♓15	4♌42	13♍48	12♍36	5♌22	23♌16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	7n23	13s29	4n53	3s27	3s54	0n 1	0n52	21n20	0s37	9s41	0n58	10n 4	1n54	1s52	0n38	3s 6	1s39	27n44	8n38	6n18	6n17	16n28	7n12	8s 5	F 1
S 2	7 1	16 5	5 13	3 18	3 53	0s30	0 50	21 26	0 36	9 45	0 58	10 1	1 55	1 54	0 38	3 7	1 39	27 44	8 38	6 18	6 18	16 27	7 10	8 5	S 2
S 3	6 38	17 51	5 17	3 4	3 51	1 2	0 48	21 31	0 34	9 49	0 58	9 58	1 55	1 55	0 38	3 7	1 39	27 44	8 38	6 18	6 19	16 26	7 8	8 6	S 3
M 4	6 15	18 33	5 1	2 46	3 47	1 33	0 46	21 37	0 33	9 53	0 58	9 55	1 55	1 57	0 38	3 8	1 39	27 44	8 39	6 18	6 21	16 25	7 5	8 6	M 4
T 5	5 52	18 6	4 27	2 23	3 41	2 5	0 44	21 42	0 32	9 57	0 58	9 53	1 55	1 58	0 38	3 9	1 39	27 44	8 39	6 18	6 22	16 24	7 3	8 6	T 5
W 6	5 29	16 26	3 34	1 57	3 34	2 36	0 42	21 47	0 31	10 2	0 57	9 50	1 55	1 59	0 38	3 9	1 39	27 44	8 39	6 18	6 23	16 23	7 0	8 6	W 6
T 7	5 6	13 39	2 27	1 25	3 24	3 8	0 39	21 52	0 29	10 6	0 57	9 47	1 55	2 1	0 38	3 10	1 39	27 43	8 39	6 18	6 24	16 22	6 58	8 7	T 7
F 8	4 43	9 59	1 10	0 50	3 13	3 39	0 37	21 57	0 28	10 10	0 57	9 44	1 55	2 2	0 38	3 11	1 39	27 43	8 40	6 18	6 25	16 22	6 56	8 7	F 8
S 9	4 20	5 41	0s11	0 12	3 0	4 11	0 35	22 2	0 27	10 14	0 57	9 42	1 55	2 4	0 38	3 11	1 39	27 43	8 40	6 18	6 27	16 21	6 53	8 7	S 9
S 10	3 57	1 7	1 31	0n29	2 45	4 42	0 32	22 6	0 25	10 19	0 57	9 39	1 55	2 5	0 38	3 12	1 39	27 43	8 40	6 18	6 28	16 20	6 51	8 8	S 10
M11	3 33	3n25	2 43	1 12	2 28	5 13	0 30	22 11	0 24	10 23	0 57	9 36	1 55	2 7	0 38	3 13	1 39	27 43	8 40	6 18	6 29	16 19	6 48	8 8	M11
T 12	3 10	7 39	3 44	1 56	2 10	5 44	0 27	22 15	0 22	10 27	0 57	9 34	1 55	2 8	0 38	3 13	1 39	27 43	8 41	6 19	6 30	16 18	6 46	8 8	T 12
W13	2 46	11 21	4 30	2 39	1 50	6 15	0 25	22 20	0 21	10 32	0 56	9 31	1 55	2 10	0 38	3 14	1 39	27 43	8 41	6 19	6 32	16 17	6 43	8 9	W13
T 14	2 23	14 22	5 0	3 22	1 30	6 46	0 22	22 24	0 19	10 36	0 56	9 28	1 55	2 11	0 38	3 15	1 39	27 43	8 41	6 20	6 33	16 16	6 41	8 9	T 14
F 15	1 59	16 37	5 15	4 2	1 10	7 17	0 20	22 28	0 18	10 40	0 56	9 25	1 56	2 13	0 38	3 15	1 39	27 43	8 41	6 20	6 34	16 15	6 39	8 9	F 15
S 16	1 35	18 1	5 15	4 39	0 49	7 47	0 17	22 32	0 16	10 45	0 56	9 23	1 56	2 14	0 38	3 16	1 39	27 43	8 42	6 20	6 35	16 15	6 36	8 10	S 16
S 17	1 12	18 34	5 1	5 13	0 29	8 18	0 14	22 36	0 15	10 49	0 56	9 20	1 56	2 16	0 38	3 17	1 39	27 42	8 42	6 20	6 36	16 14	6 34	8 10	S 17
M18	0 48	18 17	4 33	5 41	0 10	8 48	0 12	22 40	0 13	10 53	0 56	9 17	1 56	2 17	0 38	3 17	1 39	27 42	8 42	6 20	6 38	16 13	6 31	8 11	M18
T 19	0 24	17 11	3 55	6 5	0n 8	9 18	0 9	22 44	0 11	10 58	0 56	9 15	1 56	2 19	0 38	3 18	1 39	27 42	8 42	6 20	6 39	16 12	6 29	8 11	T 19
W20	0 0	15 21	3 6	6 24	0 26	9 48	0 6	22 48	0 10	11 2	0 55	9 12	1 56	2 20	0 38	3 19	1 39	27 42	8 43	6 19	6 40	16 11	6 26	8 11	W20
T 21	0s24	12 51	2 9	6 37	0 42	10 17	0 4	22 52	0 8	11 7	0 55	9 9	1 56	2 22	0 38	3 19	1 39	27 42	8 43	6 18	6 41	16 10	6 24	8 12	T 21
F 22	0 48	9 48	1 6	6 44	0 56	10 46	0 1	22 55	0 7	11 11	0 55	9 7	1 56	2 23	0 38	3 20	1 39	27 42	8 43	6 18	6 43	16 9	6 22	8 12	F 22
S 23	1 11	6 17	0n 0	6 46	1 9	11 16	0s 2	22 59	0 5	11 16	0 55	9 4	1 56	2 25	0 38	3 21	1 39	27 42	8 44	6 18	6 44	16 8	6 19	8 13	S 23
S 24	1 35	2 26	1 8	6 43	1 21	11 44	0 5	23 2	0 3	11 20	0 55	9 1	1 56	2 26	0 38	3 21	1 39	27 42	8 44	6 18	6 45	16 7	6 17	8 13	S 24
M25	1 59	1s35	2 14	6 35	1 31	12 13	0 7	23 6	0 1	11 24	0 55	8 59	1 57	2 28	0 38	3 22	1 39	27 42	8 44	6 19	6 46	16 7	6 14	8 14	M25
T 26	2 23	5 36	3 13	6 23	1 39	12 41	0 10	23 9	0n 0	11 29	0 55	8 56	1 57	2 29	0 38	3 23	1 39	27 42	8 44	6 20	6 48	16 6	6 12	8 14	T 26
W27	2 47	9 25	4 4	6 6	1 46	13 9	0 13	23 13	0 2	11 33	0 55	8 54	1 57	2 31	0 38	3 23	1 39	27 42	8 45	6 21	6 49	16 5	6 9	8 15	W27
T 28	3 10	12 50	4 43	5 45	1 52	13 37	0 16	23 16	0 4	11 38	0 54	8 51	1 57	2 32	0 38	3 24	1 39	27 42	8 45	6 22	6 50	16 4	6 7	8 15	T 28
F 29	3 34	15 37	5 7	5 21	1 57	14 4	0 19	23 19	0 6	11 42	0 54	8 49	1 57	2 34	0 38	3 25	1 39	27 42	8 45	6 24	6 51	16 3	6 5	8 16	F 29
S 30	3s58	17s35	5n14	4n54	2n 0	14s31	0s22	23n22	0n 8	11s47	0n54	8n46	1n57	2s35	0n38	3s25	1s39	27n42	8n46	6n25	6n52	16n 2	6n 2	8s16	S 30

Julian Day Number = 1981724.5, Delta T = 58m45s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'22, Lahiri = 5°56'22 Julian Calendar 1 Sept. 713 == Greg. Calendar 5 Sept. 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

OCTOBER 713 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 51 8	10♎56'17	29♐12	23♍41	8♏58	20♊29	3♏18	12♍29	7♎59	25°R13	4♌43	13°R46	12♍33	5♌28	23♌22	S 1
M 2	0 55 5	11°56'10	13♑14	25° 6	10°12	20°44	3°31	12°36	8° 3	25♓11	4°43	13°D46	12°30	5°35	23°28	M 2
T 3	0 59 1	12°56'05	27°24	26°33	11°26	20°59	3°44	12°43	8° 7	25°10	4°44	13♍46	12°27	5°42	23°33	T 3
W 4	1 2 58	13°56'02	11♒41	28° 3	12°39	21°14	3°57	12°50	8°11	25° 8	4°45	13°48	12°24	5°48	23°39	W 4
T 5	1 6 54	14°56'00	26° 3	29°35	13°53	21°28	4°10	12°56	8°14	25° 7	4°46	13°49	12°21	5°55	23°45	T 5
F 6	1 10 51	15°56'00	10♓26	1♎ 9	15° 7	21°41	4°23	13° 3	8°18	25° 5	4°47	13°R50	12°17	6° 2	23°50	F 6
S 7	1 14 47	16°56'02	24°47	2°44	16°21	21°53	4°36	13°10	8°22	25° 4	4°48	13°50	12°14	6° 8	23°56	S 7
S 8	1 18 44	17°56'05	9♈ 0	4°20	17°35	22° 5	4°49	13°16	8°26	25° 2	4°48	13°47	12°11	6°15	24° 1	S 8
M 9	1 22 40	18°56'11	23° 0	5°57	18°48	22°17	5° 2	13°23	8°29	25° 1	4°49	13°44	12° 8	6°22	24° 7	M 9
T 10	1 26 37	19°56'18	6♉45	7°34	20° 2	22°27	5°15	13°29	8°33	24°59	4°50	13°38	12° 5	6°28	24°12	T 10
W11	1 30 34	20°56'27	20° 9	9°12	21°16	22°37	5°28	13°36	8°37	24°58	4°51	13°32	12° 2	6°35	24°17	W11
T 12	1 34 30	21°56'39	3♊13	10°50	22°30	22°47	5°41	13°42	8°41	24°56	4°51	13°25	11°58	6°42	24°22	T 12
F 13	1 38 27	22°56'52	15°56	12°28	23°43	22°55	5°54	13°49	8°44	24°55	4°52	13°19	11°55	6°48	24°28	F 13
S 14	1 42 23	23°57'08	28°20	14° 7	24°57	23° 3	6° 7	13°55	8°48	24°53	4°52	13°15	11°52	6°55	24°33	S 14
S 15	1 46 20	24°57'25	10♋29	15°45	26°11	23°10	6°21	14° 1	8°52	24°52	4°53	13°11	11°49	7° 2	24°38	S 15
M16	1 50 16	25°57'45	22°26	17°24	27°24	23°17	6°34	14° 7	8°55	24°50	4°53	13°D10	11°46	7° 8	24°43	M16
T 17	1 54 13	26°58'07	4♌17	19° 2	28°38	23°22	6°47	14°13	8°59	24°49	4°54	13°10	11°42	7°15	24°47	T 17
W18	1 58 9	27°58'30	16° 6	20°40	29°51	23°27	7° 0	14°19	9° 3	24°48	4°54	13°12	11°39	7°22	24°52	W18
T 19	2 2 6	28°58'56	27°59	22°17	1♐ 5	23°31	7°14	14°26	9° 6	24°46	4°55	13°13	11°36	7°28	24°57	T 19
F 20	2 6 3	29°59'23	10♍ 1	23°55	2°19	23°35	7°27	14°31	9°10	24°45	4°55	13°R14	11°33	7°35	25° 1	F 20
S 21	2 9 59	0♏59'53	22°16	25°32	3°32	23°37	7°40	14°37	9°13	24°44	4°56	13°14	11°30	7°42	25° 6	S 21
S 22	2 13 56	2° 0'24	4♎48	27° 9	4°46	23°39	7°54	14°43	9°17	24°43	4°56	13°11	11°27	7°48	25°10	S 22
M23	2 17 52	3° 0'57	17°38	28°46	5°59	23°R39	8° 7	14°49	9°21	24°41	4°56	13° 7	11°23	7°55	25°15	M23
T 24	2 21 49	4° 1'32	0♏47	0♏23	7°13	23°39	8°20	14°55	9°24	24°40	4°57	13° 0	11°20	8° 2	25°19	T 24
W25	2 25 45	5° 2'08	14°15	1°59	8°26	23°39	8°34	15° 0	9°28	24°39	4°57	12°51	11°17	8° 8	25°23	W25
T 26	2 29 42	6° 2'46	27°58	3°35	9°40	23°37	8°47	15° 6	9°31	24°38	4°57	12°42	11°14	8°15	25°27	T 26
F 27	2 33 38	7° 3'26	11♑53	5°11	10°53	23°34	9° 0	15°12	9°35	24°37	4°57	12°32	11°11	8°22	25°31	F 27
S 28	2 37 35	8° 4'07	25°57	6°46	12° 7	23°31	9°14	15°17	9°38	24°36	4°58	12°25	11° 8	8°28	25°35	S 28
S 29	2 41 32	9° 4'49	10♒ 5	8°21	13°20	23°27	9°27	15°22	9°41	24°34	4°58	12°19	11° 4	8°35	25°39	S 29
M30	2 45 28	10° 5'32	24°14	9°56	14°33	23°21	9°41	15°28	9°45	24°33	4°58	12°15	11° 1	8°42	25°43	M30
T 31	2 49 25	11♏ 6'16	8♒22	11♏31	15♑47	23♊15	9♏54	15♍33	9♎48	24♓32	4♌58	12°D14	10♍58	8♌48	25♌47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s21	18s33	5n 3	4n24	2n 2	14s58	0s24	23n25	0n10	11s51	0n54	8n43	1n57	2s37	0n38	3s26	1s39	27n42	8n46	6n26	6n54	16n 1	6n 0	8s17
M 2	4 45	18 24	4 34	3 51	2 4	15 24	0 27	23 28	0 12	11 56	0 54	8 41	1 58	2 38	0 38	3 27	1 39	27 42	8 46	6 26	6 55	16 0	5 57	8 17
T 3	5 9	17 6	3 48	3 16	2 4	15 50	0 30	23 31	0 14	12 0	0 54	8 38	1 58	2 40	0 38	3 27	1 39	27 43	8 47	6 26	6 56	15 59	5 55	8 18
W 4	5 32	14 43	2 47	2 40	2 4	16 16	0 33	23 34	0 16	12 5	0 54	8 36	1 58	2 41	0 38	3 28	1 39	27 43	8 47	6 25	6 57	15 58	5 53	8 18
T 5	5 55	11 25	1 36	2 2	2 2	16 41	0 36	23 37	0 18	12 9	0 54	8 34	1 58	2 43	0 38	3 28	1 39	27 43	8 47	6 24	6 59	15 57	5 50	8 19
F 6	6 19	7 25	0 19	1 23	2 0	17 6	0 39	23 40	0 20	12 14	0 54	8 31	1 58	2 44	0 38	3 29	1 39	27 43	8 47	6 24	7 0	15 56	5 48	8 20
S 7	6 42	3 0	1s 0	0 42	1 58	17 30	0 41	23 43	0 22	12 18	0 53	8 29	1 58	2 46	0 38	3 30	1 39	27 43	8 48	6 24	7 1	15 55	5 46	8 20
S 8	7 5	1n33	2 13	0 1	1 55	17 54	0 44	23 46	0 24	12 23	0 53	8 26	1 58	2 47	0 38	3 30	1 39	27 43	8 48	6 25	7 2	15 54	5 43	8 21
M 9	7 28	5 57	3 17	0s41	1 51	18 17	0 47	23 49	0 26	12 27	0 53	8 24	1 59	2 49	0 38	3 31	1 39	27 43	8 48	6 27	7 3	15 54	5 41	8 21
T 10	7 51	9 56	4 9	1 23	1 47	18 40	0 50	23 52	0 28	12 32	0 53	8 22	1 59	2 50	0 38	3 31	1 39	27 43	8 49	6 29	7 5	15 53	5 39	8 22
W11	8 14	13 19	4 45	2 6	1 43	19 3	0 53	23 54	0 31	12 36	0 53	8 19	1 59	2 52	0 38	3 32	1 39	27 43	8 49	6 31	7 6	15 52	5 37	8 23
T 12	8 36	15 57	5 6	2 49	1 38	19 25	0 55	23 57	0 33	12 41	0 53	8 17	1 59	2 53	0 38	3 32	1 39	27 44	8 49	6 34	7 7	15 51	5 34	8 23
F 13	8 59	17 43	5 10	3 32	1 33	19 46	0 58	24 0	0 35	12 45	0 53	8 15	1 59	2 54	0 38	3 33	1 39	27 44	8 50	6 36	7 8	15 50	5 32	8 24
S 14	9 21	18 36	5 0	4 16	1 27	20 7	1 1	24 3	0 37	12 49	0 53	8 12	1 59	2 56	0 38	3 34	1 39	27 44	8 50	6 38	7 10	15 49	5 30	8 25
S 15	9 44	18 36	4 36	4 59	1 22	20 27	1 4	24 5	0 40	12 54	0 53	8 10	2 0	2 57	0 38	3 34	1 39	27 44	8 50	6 39	7 11	15 48	5 27	8 25
M16	10 6	17 46	4 1	5 42	1 16	20 47	1 6	24 8	0 42	12 58	0 53	8 8	2 0	2 59	0 38	3 35	1 39	27 44	8 51	6 39	7 12	15 47	5 25	8 26
T 17	10 28	16 9	3 15	6 25	1 10	21 7	1 9	24 11	0 45	13 3	0 52	8 5	2 0	3 0	0 38	3 35	1 39	27 44	8 51	6 39	7 13	15 46	5 23	8 27
W18	10 50	13 52	2 22	7 8	1 4	21 25	1 11	24 13	0 47	13 7	0 52	8 3	2 0	3 2	0 38	3 36	1 39	27 45	8 51	6 39	7 14	15 45	5 21	8 27
T 19	11 11	10 59	1 22	7 51	0 57	21 43	1 14	24 16	0 50	13 12	0 52	8 1	2 0	3 3	0 38	3 36	1 39	27 45	8 52	6 38	7 16	15 44	5 19	8 28
F 20	11 33	7 36	0 17	8 33	0 51	22 1	1 16	24 19	0 52	13 16	0 52	7 59	2 0	3 5	0 38	3 37	1 39	27 45	8 52	6 38	7 17	15 43	5 17	8 29
S 21	11 54	3 50	0n49	9 15	0 45	22 18	1 19	24 21	0 55	13 21	0 52	7 57	2 1	3 6	0 38	3 37	1 39	27 45	8 52	6 38	7 18	15 42	5 14	8 29
S 22	12 15	0s11	1 54	9 56	0 38	22 34	1 21	24 24	0 57	13 25	0 52	7 55	2 1	3 7	0 38	3 38	1 39	27 45	8 53	6 39	7 19	15 41	5 12	8 30
M23	12 36	4 17	2 54	10 37	0 31	22 50	1 24	24 27	1 0	13 29	0 52	7 53	2 1	3 9	0 38	3 38	1 39	27 46	8 53	6 41	7 20	15 40	5 10	8 31
T 24	12 57	8 16	3 47	11 18	0 25	23 5	1 26	24 29	1 2	13 34	0 52	7 51	2 1	3 10	0 38	3 39	1 39	27 46	8 53	6 43	7 22	15 39	5 8	8 31
W25	13 17	11 56	4 29	11 58	0 18	23 19	1 29	24 32	1 5	13 38	0 52	7 49	2 1	3 11	0 38	3 39	1 39	27 46	8 54	6 47	7 23	15 38	5 6	8 32
T 26	13 38	15 2	4 56	12 37	0 11	23 33	1 31	24 34	1 8	13 42	0 52	7 47	2 2	3 13	0 38	3 39	1 39	27 46	8 54	6 50	7 24	15 37	5 4	8 33
F 27	13 58	17 19	5 6	13 16	0 5	23 46	1 33	24 37	1 10	13 47	0 52	7 45	2 2	3 14	0 38	3 40	1 39	27 47	8 54	6 54	7 25	15 36	5 2	8 34
S 28	14 18	18 35	4 57	13 54	0s 2	23 58	1 35	24 39	1 13	13 51	0 52	7 43	2 2	3 16	0 38	3 40	1 39	27 47	8 55	6 57	7 27	15 35	5 0	8 34
S 29	14 37	18 43	4 31	14 31	0 9	24 10	1 37	24 42	1 16	13 55	0 52	7 41	2 2	3 17	0 38	3 41	1 39	27 47	8 55	6 59	7 28	15 34	4 58	8 35
M30	14 57	17 41	3 48	15 8	0 15	24 21	1 39	24 45	1 19	14 0	0 52	7 39	2 2	3 18	0 38	3 41	1 39	27 47	8 55	7 1	7 29	15 33	4 56	8 36
T 31	15s16	15s33	2n51	15s44	0s22	24s31	1s42	24n47	1n21	14s 4	0n51	7n37	2n 3	3s20	0n38	3s41	1s39	27n48	8n56	7n 1	7n30	15n32	4n54	8s37

Julian Day Number = 1981754.5, Delta T = 58m44s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'26, Lahiri = 5°56'27 Julian Calendar 1 Oct. 713 == Greg. Calendar 5 Oct. 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

NOVEMBER 713 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 53 21	12♏ 7'02	22♒27	13♏ 6	17♐ 0	23°R 9	10♏ 7	15♍38	9♎52	24°R31	4♌58	12♍14	10♍55	8♌55	25♌50	W 1
T 2	2 57 18	13° 7'48	6♓30	14°40	18°13	23♊ 1	10°21	15°43	9°55	24♓30	4°58	12°R15	10°52	9° 2	25°54	T 2
F 3	3 1 14	14° 8'35	20°28	16°15	19°26	22°52	10°34	15°48	9°58	24°29	4°R58	12°15	10°48	9° 8	25°57	F 3
S 4	3 5 11	15° 9'24	4♈20	17°49	20°40	22°43	10°47	15°53	10° 1	24°28	4°58	12°13	10°45	9°15	26° 0	S 4
S 5	3 9 7	16°10'13	18° 6	19°23	21°53	22°33	11° 1	15°58	10° 5	24°28	4°58	12° 8	10°42	9°22	26° 4	S 5
M 6	3 13 4	17°11'04	1♉42	20°57	23° 6	22°22	11°14	16° 3	10° 8	24°27	4°58	12° 1	10°39	9°28	26° 7	M 6
T 7	3 17 1	18°11'56	15° 7	22°31	24°19	22°10	11°28	16° 8	10°11	24°26	4°58	11°50	10°36	9°35	26°10	T 7
W 8	3 20 57	19°12'49	28°17	24° 5	25°32	21°57	11°41	16°12	10°14	24°25	4°58	11°39	10°33	9°42	26°13	W 8
T 9	3 24 54	20°13'43	11♊11	25°38	26°45	21°43	11°54	16°17	10°17	24°24	4°58	11°26	10°29	9°48	26°16	T 9
F 10	3 28 50	21°14'39	23°49	27°12	27°58	21°29	12° 8	16°21	10°20	24°23	4°57	11°14	10°26	9°55	26°18	F 10
S 11	3 32 47	22°15'36	6♋10	28°46	29°11	21°14	12°21	16°26	10°24	24°23	4°57	11° 4	10°23	10° 2	26°21	S 11
S 12	3 36 43	23°16'34	18°17	0♐19	0♑24	20°58	12°34	16°30	10°27	24°22	4°57	10°56	10°20	10° 8	26°24	S 12
M13	3 40 40	24°17'33	0♌14	1°53	1°37	20°41	12°47	16°34	10°30	24°21	4°57	10°51	10°17	10°15	26°26	M13
T 14	3 44 36	25°18'33	12° 3	3°27	2°49	20°24	13° 1	16°39	10°33	24°21	4°56	10°48	10°13	10°22	26°28	T 14
W15	3 48 33	26°19'35	23°51	5° 0	4° 2	20° 6	13°14	16°43	10°35	24°20	4°56	10°D47	10°10	10°28	26°31	W15
T 16	3 52 30	27°20'38	5♍43	6°34	5°15	19°47	13°27	16°47	10°38	24°20	4°56	10°R47	10° 7	10°35	26°33	T 16
F 17	3 56 26	28°21'42	17°45	8° 8	6°27	19°28	13°40	16°51	10°41	24°19	4°55	10°47	10° 4	10°42	26°35	F 17
S 18	4 0 23	29°22'47	0♎ 1	9°41	7°40	19° 8	13°54	16°54	10°44	24°19	4°55	10°46	10° 1	10°48	26°37	S 18
S 19	4 4 19	0♐23'53	12°37	11°15	8°53	18°47	14° 7	16°58	10°47	24°18	4°54	10°42	9°58	10°55	26°39	S 19
M20	4 8 16	1°25'00	25°35	12°48	10° 5	18°26	14°20	17° 2	10°50	24°18	4°54	10°35	9°54	11° 2	26°40	M20
T 21	4 12 12	2°26'08	8♏58	14°21	11°18	18° 5	14°33	17° 5	10°52	24°17	4°53	10°26	9°51	11° 8	26°42	T 21
W22	4 16 9	3°27'17	22°46	15°55	12°30	17°43	14°46	17° 9	10°55	24°17	4°53	10°15	9°48	11°15	26°44	W22
T 23	4 20 5	4°28'26	6♐54	17°28	13°42	17°20	14°59	17°12	10°58	24°17	4°52	10° 2	9°45	11°22	26°45	T 23
F 24	4 24 2	5°29'37	21°17	19° 1	14°55	16°57	15°12	17°15	11° 0	24°16	4°52	9°49	9°42	11°28	26°46	F 24
S 25	4 27 59	6°30'47	5♑49	20°33	16° 7	16°34	15°25	17°18	11° 3	24°16	4°51	9°38	9°39	11°35	26°48	S 25
S 26	4 31 55	7°31'59	20°23	22° 6	17°19	16°11	15°38	17°22	11° 5	24°16	4°51	9°30	9°35	11°42	26°49	S 26
M27	4 35 52	8°33'10	4♒53	23°37	18°31	15°47	15°51	17°25	11° 8	24°16	4°50	9°24	9°32	11°48	26°50	M27
T 28	4 39 48	9°34'22	19°14	25° 9	19°43	15°24	16° 4	17°27	11°10	24°15	4°49	9°22	9°29	11°55	26°51	T 28
W29	4 43 45	10°35'33	3♓23	26°39	20°55	15° 0	16°17	17°30	11°12	24°15	4°48	9°21	9°26	12° 2	26°51	W29
T 30	4 47 41	11♐36'45	17♓19	28♐ 9	22♑ 7	14♊36	16♏29	17♍33	11♎15	24♓15	4♌48	9♍21	9♍23	12♌ 8	26♌52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s35	12s29	1n44	16s19	0s28	24s41	1s43	24n49	1n24	14s 8	0n51	7n35	2n 3	3s21	0n38	3s42	1s39	27n48	8n56	7n 1	7n31	15n31	4n52	8s38
T 2	15 53	8 43	0 31	16 54	0 35	24 50	1 45	24 52	1 27	14 13	0 51	7 33	2 3	3 22	0 38	3 42	1 39	27 48	8 56	7 1	7 33	15 30	4 50	8 38
F 3	16 12	4 28	0s44	17 28	0 41	24 58	1 47	24 54	1 30	14 17	0 51	7 32	2 3	3 23	0 38	3 43	1 39	27 49	8 57	7 1	7 34	15 29	4 48	8 39
S 4	16 30	0 1	1 55	18 1	0 47	25 5	1 49	24 56	1 33	14 21	0 51	7 30	2 4	3 25	0 38	3 43	1 38	27 49	8 57	7 1	7 35	15 28	4 47	8 40
S 5	16 47	4n24	2 59	18 33	0 53	25 12	1 51	24 59	1 35	14 25	0 51	7 28	2 4	3 26	0 38	3 43	1 38	27 49	8 57	7 3	7 36	15 27	4 45	8 41
M 6	17 5	8 32	3 52	19 4	0 59	25 18	1 52	25 1	1 38	14 30	0 51	7 27	2 4	3 27	0 38	3 44	1 38	27 50	8 58	7 6	7 37	15 26	4 43	8 42
T 7	17 22	12 10	4 30	19 34	1 5	25 23	1 54	25 3	1 41	14 34	0 51	7 25	2 4	3 29	0 38	3 44	1 38	27 50	8 58	7 10	7 39	15 25	4 41	8 42
W 8	17 39	15 8	4 54	20 4	1 11	25 27	1 55	25 5	1 44	14 38	0 51	7 23	2 5	3 30	0 38	3 44	1 38	27 50	8 58	7 15	7 40	15 24	4 39	8 43
T 9	17 55	17 17	5 2	20 32	1 16	25 31	1 57	25 7	1 47	14 42	0 51	7 22	2 5	3 31	0 38	3 44	1 38	27 51	8 59	7 19	7 41	15 23	4 38	8 44
F 10	18 12	18 33	4 55	20 59	1 22	25 34	1 58	25 9	1 50	14 46	0 51	7 20	2 5	3 32	0 38	3 45	1 38	27 51	8 59	7 24	7 42	15 22	4 36	8 45
S 11	18 28	18 54	4 34	21 26	1 27	25 36	2 0	25 11	1 52	14 50	0 51	7 19	2 5	3 33	0 38	3 45	1 38	27 51	8 59	7 28	7 44	15 21	4 34	8 46
S 12	18 43	18 22	4 1	21 51	1 32	25 37	2 1	25 13	1 55	14 54	0 51	7 17	2 5	3 35	0 38	3 45	1 38	27 52	9 0	7 31	7 45	15 20	4 33	8 47
M13	18 58	17 1	3 18	22 15	1 37	25 37	2 2	25 14	1 58	14 59	0 51	7 16	2 6	3 36	0 38	3 45	1 38	27 52	9 0	7 33	7 46	15 19	4 31	8 47
T 14	19 13	14 57	2 26	22 39	1 41	25 37	2 3	25 16	2 1	15 3	0 51	7 14	2 6	3 37	0 38	3 46	1 38	27 53	9 0	7 34	7 47	15 18	4 29	8 48
W15	19 28	12 16	1 29	23 1	1 46	25 36	2 4	25 17	2 4	15 7	0 51	7 13	2 6	3 38	0 38	3 46	1 38	27 53	9 0	7 34	7 48	15 16	4 28	8 49
T 16	19 42	9 4	0 27	23 21	1 50	25 35	2 5	25 19	2 6	15 11	0 51	7 12	2 6	3 39	0 38	3 46	1 38	27 53	9 1	7 34	7 50	15 15	4 26	8 50
F 17	19 56	5 26	0n37	23 41	1 54	25 32	2 6	25 20	2 9	15 15	0 51	7 10	2 7	3 40	0 38	3 46	1 38	27 54	9 1	7 34	7 51	15 14	4 25	8 51
S 18	20 9	1 31	1 40	23 59	1 57	25 29	2 6	25 21	2 12	15 19	0 51	7 9	2 7	3 41	0 38	3 46	1 38	27 54	9 1	7 35	7 52	15 13	4 23	8 52
S 19	20 22	2s34	2 40	24 16	2 1	25 25	2 7	25 22	2 15	15 23	0 51	7 8	2 7	3 42	0 38	3 46	1 38	27 55	9 2	7 36	7 53	15 12	4 22	8 52
M20	20 35	6 39	3 34	24 32	2 4	25 20	2 8	25 22	2 17	15 27	0 51	7 7	2 7	3 43	0 38	3 47	1 38	27 55	9 2	7 39	7 54	15 11	4 21	8 53
T 21	20 47	10 32	4 17	24 46	2 6	25 15	2 8	25 23	2 20	15 30	0 51	7 5	2 8	3 45	0 38	3 47	1 38	27 55	9 2	7 42	7 56	15 10	4 19	8 54
W22	20 59	13 58	4 47	24 59	2 9	25 8	2 8	25 24	2 22	15 34	0 51	7 4	2 8	3 46	0 38	3 47	1 38	27 56	9 3	7 47	7 57	15 9	4 18	8 55
T 23	21 11	16 41	5 0	25 10	2 11	25 1	2 9	25 24	2 25	15 38	0 51	7 3	2 8	3 47	0 38	3 47	1 38	27 56	9 3	7 52	7 58	15 8	4 17	8 56
F 24	21 22	18 25	4 54	25 20	2 12	24 54	2 9	25 24	2 27	15 42	0 51	7 2	2 9	3 48	0 38	3 47	1 38	27 57	9 3	7 56	7 59	15 7	4 15	8 57
S 25	21 33	18 59	4 30	25 29	2 13	24 45	2 9	25 24	2 30	15 46	0 51	7 1	2 9	3 49	0 39	3 47	1 38	27 57	9 4	8 0	8 0	15 6	4 14	8 58
S 26	21 43	18 17	3 48	25 36	2 14	24 36	2 9	25 24	2 32	15 50	0 50	7 0	2 9	3 50	0 39	3 47	1 38	27 58	9 4	8 4	8 2	15 5	4 13	8 59
M27	21 53	16 24	2 51	25 41	2 14	24 26	2 9	25 24	2 34	15 53	0 50	6 59	2 9	3 50	0 39	3 47	1 37	27 58	9 4	8 6	8 3	15 4	4 12	8 59
T 28	22 2	13 30	1 44	25 45	2 14	24 16	2 9	25 23	2 36	15 57	0 50	6 58	2 10	3 51	0 39	3 47	1 37	27 59	9 4	8 7	8 4	15 3	4 11	9 0
W29	22 11	9 51	0 32	25 47	2 13	24 4	2 8	25 23	2 38	16 1	0 50	6 58	2 10	3 52	0 39	3 47	1 37	27 59	9 5	8 7	8 5	15 1	4 10	9 1
T 30	22s20	5s41	0s42	25s47	2s12	23s53	2s 8	25n22	2n40	16s 5	0n50	6n57	2n10	3s53	0n39	3s47	1s37	28n 0	9n 5	8n 7	8n 6	15n 0	4n 9	9s 2

Julian Day Number = 1981785.5, Delta T = 58m43s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'30, Lahiri = 5°56'31 Julian Calendar 1 Nov. 713 == Greg. Calendar 5 Nov. 713

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ASTRODIENST EPHEMERIS for the year 713
geocentric

DECEMBER 713 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 51 38	12♐37'57	1♈ 4	29♐37	23♑19	14°R12	16♏42	17♍35	11♎17	24°R15	4°R47	9°R20	9♍19	12♌15	26♌53	F 1
S 2	4 55 34	13°39'08	14°37	1♑ 5	24°30	13♊48	16°55	17°38	11°19	24°D15	4♌46	9♍17	9°16	12°22	26°53	S 2
S 3	4 59 31	14°40'20	27°59	2°31	25°42	13°25	17° 7	17°40	11°21	24♓15	4°45	9°12	9°13	12°28	26°54	S 3
M 4	5 3 28	15°41'32	11♉11	3°54	26°53	13° 1	17°20	17°42	11°24	24°15	4°45	9° 3	9°10	12°35	26°54	M 4
T 5	5 7 24	16°42'44	24°12	5°16	28° 5	12°38	17°33	17°45	11°26	24°15	4°44	8°52	9° 7	12°42	26°54	T 5
W 6	5 11 21	17°43'56	7♊ 2	6°35	29°16	12°14	17°45	17°47	11°28	24°15	4°43	8°38	9° 4	12°48	26°R54	W 6
T 7	5 15 17	18°45'08	19°39	7°51	0♒28	11°52	17°58	17°49	11°30	24°15	4°42	8°24	9° 0	12°55	26°54	T 7
F 8	5 19 14	19°46'20	2♋ 4	9° 4	1°39	11°29	18°10	17°50	11°32	24°16	4°41	8°11	8°57	13° 2	26°54	F 8
S 9	5 23 10	20°47'32	14°18	10°12	2°50	11° 7	18°22	17°52	11°34	24°16	4°40	7°59	8°54	13° 8	26°54	S 9
S 10	5 27 7	21°48'45	26°20	11°16	4° 1	10°45	18°35	17°54	11°36	24°16	4°39	7°49	8°51	13°15	26°53	S 10
M11	5 31 3	22°49'57	8♌14	12°13	5°11	10°24	18°47	17°55	11°37	24°16	4°38	7°42	8°48	13°22	26°53	M11
T 12	5 35 0	23°51'10	20° 2	13° 5	6°22	10° 3	18°59	17°57	11°39	24°17	4°37	7°39	8°45	13°28	26°52	T 12
W13	5 38 57	24°52'22	1♍48	13°49	7°33	9°42	19°11	17°58	11°41	24°17	4°36	7°37	8°41	13°35	26°52	W13
T 14	5 42 53	25°53'35	13°39	14°25	8°43	9°23	19°23	17°59	11°43	24°18	4°35	7°D37	8°38	13°42	26°51	T 14
F 15	5 46 50	26°54'48	25°38	14°51	9°54	9° 3	19°35	18° 0	11°44	24°18	4°34	7°R37	8°35	13°48	26°50	F 15
S 16	5 50 46	27°56'01	7♎51	15° 8	11° 4	8°45	19°47	18° 1	11°46	24°18	4°33	7°37	8°32	13°55	26°49	S 16
S 17	5 54 43	28°57'13	20°24	15°R14	12°14	8°27	19°59	18° 2	11°47	24°19	4°32	7°35	8°29	14° 2	26°48	S 17
M18	5 58 39	29°58'26	3♏22	15° 8	13°24	8° 9	20°11	18° 3	11°49	24°19	4°30	7°30	8°25	14° 8	26°47	M18
T 19	6 2 36	0♑59'39	16°47	14°51	14°34	7°53	20°23	18° 4	11°50	24°20	4°29	7°23	8°22	14°15	26°46	T 19
W20	6 6 32	2° 0'51	0♐40	14°22	15°44	7°37	20°34	18° 4	11°51	24°21	4°28	7°14	8°19	14°22	26°44	W20
T 21	6 10 29	3° 2'04	15° 0	13°42	16°53	7°22	20°46	18° 5	11°53	24°21	4°27	7° 3	8°16	14°28	26°43	T 21
F 22	6 14 26	4° 3'16	29°42	12°50	18° 3	7° 7	20°57	18° 5	11°54	24°22	4°26	6°53	8°13	14°35	26°41	F 22
S 23	6 18 22	5° 4'27	14♑37	11°50	19°12	6°53	21° 9	18° 5	11°55	24°23	4°25	6°43	8°10	14°42	26°39	S 23
S 24	6 22 19	6° 5'38	29°36	10°42	20°21	6°41	21°20	18° 6	11°56	24°23	4°23	6°36	8° 6	14°48	26°38	S 24
M25	6 26 15	7° 6'48	14♒31	9°28	21°30	6°28	21°31	18°R 6	11°57	24°24	4°22	6°31	8° 3	14°55	26°36	M25
T 26	6 30 12	8° 7'57	29°14	8°10	22°39	6°17	21°43	18° 5	11°58	24°25	4°21	6°30	8° 0	15° 2	26°34	T 26
W27	6 34 8	9° 9'06	13♓40	6°52	23°48	6° 7	21°54	18° 5	11°59	24°26	4°19	6°D29	7°57	15° 8	26°32	W27
T 28	6 38 5	10°10'13	27°46	5°36	24°56	5°57	22° 5	18° 5	12° 0	24°27	4°18	6°30	7°54	15°15	26°30	T 28
F 29	6 42 2	11°11'19	11♈33	4°23	26° 4	5°48	22°16	18° 5	12° 1	24°28	4°17	6°R31	7°51	15°22	26°27	F 29
S 30	6 45 58	12°12'24	25° 0	3°15	27°12	5°40	22°27	18° 4	12° 2	24°28	4°16	6°30	7°47	15°28	26°25	S 30
S 31	6 49 55	13♑13'28	8♉10	2♑15	28♒20	5♊33	22♏37	18♍ 3	12♎ 3	24♓29	4♌14	6♍27	7♍44	15♌35	26♌23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s28	1s17	1s52	25s46	2s10	23s40	2s 7	25n21	2n42	16s 8	0n50	6n56	2n10	3s54	0n39	3s47	1s37	28n 0	9n 5	8n 7	8n 8	14n59	4n 8	9s 3
S 2	22 36	3n 7	2 55	25 43	2 7	23 27	2 7	25 20	2 44	16 12	0 50	6 55	2 11	3 55	0 39	3 47	1 37	28 1	9 6	8 8	8 9	14 58	4 7	9 4
S 3	22 43	7 18	3 47	25 38	2 3	23 13	2 6	25 19	2 46	16 15	0 50	6 55	2 11	3 56	0 39	3 47	1 37	28 1	9 6	8 11	8 10	14 57	4 6	9 5
M 4	22 50	11 4	4 26	25 32	1 59	22 58	2 5	25 17	2 48	16 19	0 50	6 54	2 11	3 57	0 39	3 47	1 37	28 1	9 6	8 14	8 11	14 56	4 5	9 5
T 5	22 56	14 15	4 51	25 24	1 54	22 43	2 4	25 16	2 49	16 23	0 50	6 53	2 12	3 57	0 39	3 47	1 37	28 2	9 6	8 18	8 12	14 55	4 4	9 6
W 6	23 2	16 42	5 0	25 14	1 48	22 27	2 3	25 14	2 51	16 26	0 50	6 53	2 12	3 58	0 39	3 47	1 37	28 2	9 7	8 23	8 14	14 54	4 3	9 7
T 7	23 7	18 18	4 55	25 3	1 41	22 11	2 2	25 13	2 53	16 30	0 50	6 52	2 12	3 59	0 39	3 47	1 37	28 3	9 7	8 28	8 15	14 53	4 2	9 8
F 8	23 12	19 0	4 35	24 51	1 34	21 53	2 1	25 11	2 54	16 33	0 50	6 52	2 12	4 0	0 39	3 47	1 37	28 3	9 7	8 34	8 16	14 51	4 1	9 9
S 9	23 17	18 48	4 3	24 37	1 25	21 36	1 59	25 9	2 55	16 37	0 50	6 52	2 13	4 0	0 39	3 46	1 37	28 4	9 8	8 38	8 17	14 50	4 1	9 10
S 10	23 21	17 45	3 20	24 22	1 15	21 18	1 58	25 7	2 56	16 40	0 50	6 51	2 13	4 1	0 39	3 46	1 37	28 4	9 8	8 42	8 18	14 49	4 0	9 11
M11	23 24	15 56	2 29	24 6	1 4	20 59	1 56	25 5	2 58	16 43	0 50	6 51	2 13	4 2	0 39	3 46	1 37	28 5	9 8	8 44	8 20	14 48	3 59	9 11
T 12	23 28	13 27	1 32	23 49	0 52	20 39	1 55	25 3	2 59	16 47	0 50	6 50	2 13	4 2	0 39	3 46	1 37	28 5	9 8	8 46	8 21	14 47	3 59	9 12
W13	23 30	10 25	0 31	23 31	0 38	20 20	1 53	25 1	3 0	16 50	0 50	6 50	2 14	4 3	0 39	3 46	1 37	28 6	9 9	8 46	8 22	14 46	3 58	9 13
T 14	23 32	6 58	0n32	23 13	0 24	19 59	1 51	24 59	3 1	16 53	0 50	6 50	2 14	4 4	0 39	3 46	1 37	28 6	9 9	8 46	8 23	14 45	3 58	9 14
F 15	23 34	3 12	1 34	22 54	0 8	19 38	1 49	24 57	3 1	16 56	0 50	6 50	2 14	4 4	0 39	3 45	1 37	28 7	9 9	8 46	8 24	14 44	3 57	9 15
S 16	23 35	0s47	2 34	22 36	0n 8	19 17	1 47	24 54	3 2	17 0	0 50	6 50	2 15	4 5	0 39	3 45	1 37	28 7	9 9	8 46	8 26	14 42	3 57	9 15
S 17	23 36	4 50	3 27	22 18	0 26	18 55	1 45	24 52	3 3	17 3	0 50	6 50	2 15	4 6	0 39	3 45	1 36	28 8	9 10	8 47	8 27	14 41	3 57	9 16
M18	23 36	8 46	4 12	22 0	0 44	18 33	1 42	24 50	3 3	17 6	0 50	6 50	2 15	4 6	0 39	3 45	1 36	28 9	9 10	8 49	8 28	14 40	3 56	9 17
T 19	23 36	12 25	4 44	21 43	1 3	18 10	1 40	24 48	3 4	17 9	0 50	6 50	2 15	4 7	0 39	3 44	1 36	28 9	9 10	8 51	8 29	14 39	3 56	9 18
W20	23 35	15 31	5 2	21 27	1 23	17 47	1 37	24 46	3 4	17 12	0 50	6 50	2 16	4 7	0 39	3 44	1 36	28 10	9 10	8 55	8 30	14 38	3 56	9 19
T 21	23 34	17 46	5 1	21 12	1 42	17 23	1 35	24 43	3 5	17 15	0 50	6 50	2 16	4 8	0 39	3 44	1 36	28 10	9 10	8 59	8 32	14 37	3 55	9 19
F 22	23 32	18 56	4 40	20 59	2 1	16 59	1 32	24 41	3 5	17 18	0 50	6 50	2 16	4 8	0 39	3 43	1 36	28 11	9 11	9 3	8 33	14 36	3 55	9 20
S 23	23 30	18 49	4 0	20 46	2 18	16 34	1 29	24 39	3 5	17 21	0 51	6 50	2 17	4 8	0 39	3 43	1 36	28 11	9 11	9 6	8 34	14 34	3 55	9 21
S 24	23 28	17 23	3 4	20 36	2 35	16 9	1 26	24 37	3 5	17 24	0 51	6 50	2 17	4 9	0 39	3 43	1 36	28 12	9 11	9 9	8 35	14 33	3 55	9 22
M25	23 25	14 45	1 55	20 26	2 50	15 44	1 23	24 35	3 6	17 27	0 51	6 50	2 17	4 9	0 39	3 42	1 36	28 12	9 11	9 11	8 36	14 32	3 55	9 22
T 26	23 21	11 13	0 39	20 19	3 3	15 19	1 19	24 33	3 6	17 30	0 51	6 51	2 17	4 10	0 39	3 42	1 36	28 13	9 11	9 11	8 38	14 31	3 55	9 23
W27	23 17	7 3	0s38	20 12	3 13	14 53	1 16	24 31	3 6	17 33	0 51	6 51	2 18	4 10	0 39	3 42	1 36	28 13	9 12	9 11	8 39	14 30	3 55	9 24
T 28	23 13	2 36	1 52	20 8	3 21	14 26	1 13	24 29	3 6	17 36	0 51	6 51	2 18	4 10	0 39	3 41	1 36	28 14	9 12	9 11	8 40	14 29	3 55	9 24
F 29	23 8	1n53	2 57	20 5	3 27	14 0	1 9	24 28	3 5	17 39	0 51	6 52	2 18	4 11	0 39	3 41	1 36	28 14	9 12	9 11	8 41	14 27	3 55	9 25
S 30	23 2	6 10	3 50	20 4	3 30	13 33	1 5	24 26	3 5	17 41	0 51	6 52	2 19	4 11	0 40	3 40	1 36	28 15	9 12	9 11	8 42	14 26	3 55	9 26
S 31	22s56	10n 3	4s30	20s 4	3n31	13s 6	1s 2	24n25	3n 5	17s44	0n51	6n53	2n19	4s11	0n40	3s40	1s36	28n15	9n12	9n12	8n44	14n25	3n55	9s27

Julian Day Number = 1981815.5, Delta T = 58m42s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'34, Lahiri = 5°56'35 Julian Calendar 1 Dec. 713 == Greg. Calendar 5 Dec. 713

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ASTRODIENST EPHEMERIS for the year 714
geocentric

JANUARY 714 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 53 51	14♉14'31	21♉ 5	1°R22	29♒28	5°R27	22♏48	18°R 3	12♎ 3	24♓30	4°R13	6°R22	7♍41	15♌41	26°R20	M 1
T 2	6 57 48	15°15'33	3♊47	0♉38	0♓35	5♊21	22°59	18♍ 2	12° 4	24°32	4♌12	6♍14	7°38	15°48	26♌17	T 2
W 3	7 1 44	16°16'34	16°18	0° 4	1°43	5°16	23° 9	18° 1	12° 5	24°33	4°10	6° 5	7°35	15°55	26°15	W 3
T 4	7 5 41	17°17'34	28°38	29♐38	2°50	5°12	23°20	18° 0	12° 5	24°34	4° 9	5°55	7°31	16° 1	26°12	T 4
F 5	7 9 37	18°18'32	10♋49	29°21	3°56	5° 9	23°30	17°59	12° 6	24°35	4° 7	5°46	7°28	16° 8	26° 9	F 5
S 6	7 13 34	19°19'30	22°52	29°13	5° 3	5° 7	23°40	17°57	12° 6	24°36	4° 6	5°37	7°25	16°15	26° 6	S 6
S 7	7 17 31	20°20'26	4♌47	29°D12	6° 9	5° 5	23°50	17°56	12° 6	24°37	4° 5	5°31	7°22	16°21	26° 3	S 7
M 8	7 21 27	21°21'22	16°37	29°20	7°15	5° 5	24° 0	17°55	12° 7	24°38	4° 3	5°27	7°19	16°28	26° 0	M 8
T 9	7 25 24	22°22'16	28°24	29°34	8°21	5°D 4	24°10	17°53	12° 7	24°40	4° 2	5°25	7°16	16°35	25°57	T 9
W10	7 29 20	23°23'10	10♍12	29°55	9°27	5° 5	24°20	17°51	12° 7	24°41	4° 0	5°D25	7°12	16°41	25°54	W10
T 11	7 33 17	24°24'02	22° 2	0♉22	10°32	5° 7	24°30	17°50	12° 7	24°42	3°59	5°26	7° 9	16°48	25°50	T 11
F 12	7 37 13	25°24'54	4♎ 1	0°54	11°37	5° 9	24°39	17°48	12° 7	24°44	3°57	5°27	7° 6	16°55	25°47	F 12
S 13	7 41 10	26°25'44	16°13	1°31	12°42	5°12	24°49	17°46	12°R 7	24°45	3°56	5°29	7° 3	17° 1	25°44	S 13
S 14	7 45 6	27°26'34	28°42	2°13	13°46	5°15	24°58	17°44	12° 7	24°46	3°55	5°R29	7° 0	17° 8	25°40	S 14
M15	7 49 3	28°27'22	11♏34	2°58	14°50	5°20	25° 7	17°41	12° 7	24°48	3°53	5°28	6°57	17°15	25°37	M15
T 16	7 53 0	29°28'09	24°53	3°48	15°54	5°24	25°16	17°39	12° 7	24°49	3°52	5°26	6°53	17°21	25°33	T 16
W17	7 56 56	0♒28'56	8♐40	4°41	16°57	5°30	25°25	17°37	12° 7	24°51	3°50	5°22	6°50	17°28	25°29	W17
T 18	8 0 53	1°29'41	22°56	5°38	18° 0	5°36	25°34	17°34	12° 7	24°52	3°49	5°17	6°47	17°35	25°25	T 18
F 19	8 4 49	2°30'25	7♉37	6°37	19° 3	5°43	25°43	17°32	12° 6	24°54	3°47	5°12	6°44	17°41	25°22	F 19
S 20	8 8 46	3°31'08	22°38	7°39	20° 6	5°51	25°52	17°29	12° 6	24°55	3°46	5° 7	6°41	17°48	25°18	S 20
S 21	8 12 42	4°31'49	7♒50	8°43	21° 8	5°59	26° 0	17°27	12° 6	24°57	3°44	5° 4	6°37	17°55	25°14	S 21
M22	8 16 39	5°32'29	23° 2	9°50	22° 9	6° 8	26° 9	17°24	12° 5	24°58	3°43	5° 2	6°34	18° 1	25°10	M22
T 23	8 20 35	6°33'07	8♓ 5	10°59	23°11	6°18	26°17	17°21	12° 5	25° 0	3°41	5°D 1	6°31	18° 8	25° 6	T 23
W24	8 24 32	7°33'43	22°51	12° 9	24°11	6°28	26°25	17°18	12° 4	25° 2	3°40	5° 2	6°28	18°15	25° 2	W24
T 25	8 28 29	8°34'17	7♈15	13°22	25°12	6°38	26°33	17°15	12° 3	25° 3	3°39	5° 3	6°25	18°21	24°58	T 25
F 26	8 32 25	9°34'50	21°14	14°36	26°12	6°50	26°41	17°12	12° 3	25° 5	3°37	5° 5	6°22	18°28	24°54	F 26
S 27	8 36 22	10°35'20	4♉48	15°52	27°11	7° 1	26°49	17° 8	12° 2	25° 7	3°36	5°R 6	6°18	18°34	24°49	S 27
S 28	8 40 18	11°35'49	17°59	17°10	28°10	7°14	26°56	17° 5	12° 1	25° 8	3°34	5° 6	6°15	18°41	24°45	S 28
M29	8 44 15	12°36'16	0♊49	18°29	29° 9	7°27	27° 4	17° 2	12° 0	25°10	3°33	5° 5	6°12	18°48	24°41	M29
T 30	8 48 11	13°36'40	13°22	19°49	0♈ 7	7°40	27°11	16°58	11°59	25°12	3°31	5° 2	6° 9	18°54	24°37	T 30
W31	8 52 8	14♒37'03	25♊41	21♉11	1♈ 5	7♊54	27♏18	16♍55	11♎58	25♓14	3♌30	5♍ 0	6♍ 6	19♌ 1	24♌32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
M 1	22s50	13n23	4s56	20s 6	3n30	12s38	0s58	24n23	3n 5	17s47	0n51	6n53	2n19	4s11	0n40	3s40	1s36	28n16	9n13	9n14	8n45	14n24	3n55	9s27
T 2	22 43	16 2	5 6	20 10	3 26	12 10	0 54	24 22	3 5	17 49	0 51	6 54	2 19	4 12	0 40	3 39	1 36	28 16	9 13	9 17	8 46	14 23	3 56	9 28
W 3	22 36	17 53	5 2	20 15	3 22	11 43	0 50	24 21	3 4	17 52	0 51	6 55	2 20	4 12	0 40	3 39	1 36	28 17	9 13	9 21	8 47	14 21	3 56	9 28
T 4	22 29	18 52	4 43	20 21	3 15	11 14	0 45	24 20	3 4	17 55	0 51	6 55	2 20	4 12	0 40	3 38	1 36	28 17	9 13	9 24	8 48	14 20	3 56	9 29
F 5	22 20	18 58	4 12	20 28	3 8	10 46	0 41	24 19	3 4	17 57	0 51	6 56	2 20	4 12	0 40	3 38	1 36	28 18	9 13	9 28	8 49	14 19	3 57	9 30
S 6	22 12	18 12	3 30	20 36	3 0	10 17	0 36	24 18	3 3	18 0	0 51	6 57	2 21	4 12	0 40	3 37	1 36	28 18	9 13	9 31	8 51	14 18	3 57	9 30
S 7	22 3	16 38	2 38	20 45	2 51	9 49	0 32	24 17	3 3	18 2	0 51	6 58	2 21	4 12	0 40	3 37	1 35	28 19	9 14	9 33	8 52	14 17	3 58	9 31
M 8	21 54	14 22	1 40	20 55	2 41	9 20	0 27	24 16	3 2	18 5	0 51	6 58	2 21	4 13	0 40	3 36	1 35	28 19	9 14	9 35	8 53	14 15	3 58	9 31
T 9	21 44	11 31	0 38	21 5	2 31	8 50	0 22	24 16	3 2	18 7	0 51	6 59	2 21	4 13	0 40	3 36	1 35	28 20	9 14	9 35	8 54	14 14	3 59	9 32
W10	21 34	8 12	0n26	21 16	2 21	8 21	0 18	24 16	3 1	18 9	0 51	7 0	2 22	4 13	0 40	3 35	1 35	28 20	9 14	9 35	8 55	14 13	3 59	9 32
T 11	21 23	4 33	1 29	21 26	2 10	7 52	0 13	24 15	3 0	18 12	0 51	7 1	2 22	4 13	0 40	3 34	1 35	28 21	9 14	9 35	8 57	14 12	4 0	9 33
F 12	21 12	0 41	2 30	21 37	1 59	7 22	0 8	24 15	3 0	18 14	0 51	7 2	2 22	4 13	0 40	3 34	1 35	28 21	9 14	9 34	8 58	14 11	4 0	9 33
S 13	21 1	3s17	3 24	21 47	1 48	6 53	0 2	24 15	2 59	18 16	0 51	7 3	2 22	4 13	0 40	3 33	1 35	28 22	9 14	9 34	8 59	14 9	4 1	9 34
S 14	20 49	7 11	4 10	21 58	1 38	6 23	0n 3	24 15	2 59	18 19	0 51	7 4	2 23	4 13	0 40	3 33	1 35	28 22	9 14	9 34	9 0	14 8	4 2	9 34
M15	20 37	10 53	4 46	22 7	1 27	5 53	0 8	24 15	2 58	18 21	0 51	7 5	2 23	4 13	0 40	3 32	1 35	28 23	9 15	9 34	9 1	14 7	4 3	9 35
T 16	20 24	14 9	5 7	22 17	1 16	5 23	0 14	24 15	2 57	18 23	0 51	7 6	2 23	4 12	0 40	3 32	1 35	28 23	9 15	9 35	9 3	14 6	4 3	9 35
W17	20 11	16 46	5 12	22 26	1 6	4 53	0 19	24 16	2 57	18 25	0 51	7 7	2 23	4 12	0 40	3 31	1 35	28 23	9 15	9 36	9 4	14 5	4 4	9 36
T 18	19 58	18 27	4 58	22 34	0 55	4 23	0 25	24 16	2 56	18 27	0 51	7 9	2 24	4 12	0 40	3 30	1 35	28 24	9 15	9 38	9 5	14 3	4 5	9 36
F 19	19 44	18 59	4 24	22 41	0 45	3 53	0 31	24 17	2 55	18 29	0 52	7 10	2 24	4 12	0 40	3 30	1 35	28 24	9 15	9 40	9 6	14 2	4 6	9 36
S 20	19 30	18 13	3 32	22 48	0 35	3 23	0 37	24 17	2 54	18 31	0 52	7 11	2 24	4 12	0 40	3 29	1 35	28 25	9 15	9 42	9 7	14 1	4 7	9 37
S 21	19 16	16 7	2 24	22 54	0 25	2 53	0 43	24 18	2 54	18 33	0 52	7 12	2 24	4 12	0 40	3 28	1 35	28 25	9 15	9 43	9 8	14 0	4 8	9 37
M22	19 1	12 54	1 5	22 59	0 15	2 23	0 49	24 19	2 53	18 35	0 52	7 14	2 25	4 11	0 40	3 28	1 35	28 26	9 15	9 44	9 10	13 58	4 9	9 37
T 23	18 46	8 51	0s17	23 3	0 6	1 53	0 55	24 20	2 52	18 37	0 52	7 15	2 25	4 11	0 40	3 27	1 35	28 26	9 15	9 44	9 11	13 57	4 10	9 38
W24	18 30	4 20	1 37	23 6	0s 3	1 23	1 1	24 21	2 51	18 39	0 52	7 17	2 25	4 11	0 40	3 26	1 35	28 27	9 15	9 44	9 12	13 56	4 11	9 38
T 25	18 15	0n19	2 48	23 7	0 12	0 54	1 7	24 22	2 51	18 41	0 52	7 18	2 25	4 11	0 40	3 26	1 35	28 27	9 15	9 43	9 13	13 55	4 12	9 38
F 26	17 58	4 49	3 48	23 8	0 20	0 24	1 14	24 23	2 50	18 42	0 52	7 19	2 26	4 10	0 40	3 25	1 35	28 27	9 15	9 43	9 14	13 53	4 13	9 38
S 27	17 42	8 56	4 32	23 8	0 29	0n 6	1 20	24 24	2 49	18 44	0 52	7 21	2 26	4 10	0 40	3 24	1 35	28 28	9 15	9 42	9 16	13 52	4 14	9 39
S 28	17 25	12 29	5 1	23 6	0 37	0 35	1 27	24 26	2 48	18 46	0 52	7 22	2 26	4 10	0 40	3 23	1 35	28 28	9 15	9 42	9 17	13 51	4 15	9 39
M29	17 8	15 20	5 14	23 3	0 45	1 5	1 33	24 27	2 47	18 47	0 52	7 24	2 26	4 9	0 40	3 23	1 35	28 29	9 15	9 43	9 18	13 50	4 17	9 39
T 30	16 51	17 24	5 12	22 59	0 52	1 34	1 40	24 29	2 47	18 49	0 52	7 25	2 26	4 9	0 40	3 22	1 35	28 29	9 16	9 44	9 19	13 48	4 18	9 39
W31	16s34	18n37	4s55	22s54	0s59	2n 4	1n47	24n30	2n46	18s51	0n52	7n27	2n27	4s 9	0n40	3s21	1s35	28n29	9n16	9n45	9n20	13n47	4n19	9s39

Julian Day Number = 1981846.5, Delta T = 58m42s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'39, Lahiri = 5°56'39 Julian Calendar 1 Jan. 714 == Greg. Calendar 5 Jan. 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

FEBRUARY 714 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 56 4	15♒37'24	7♋49	22♉34	2♈ 2	8♊ 8	27♏25	16°R51	11°R57	25♓16	3°R28	4°R56	6♍ 3	19♌ 8	24°R28	T 1
F 2	9 0 1	16°37'43	19°48	23°58	2°58	8°23	27°32	16♍47	11♎56	25°18	3♌27	4♍53	5°59	19°14	24♌24	F 2
S 3	9 3 58	17°38'00	1♌42	25°24	3°54	8°39	27°39	16°44	11°55	25°19	3°26	4°50	5°56	19°21	24°19	S 3
S 4	9 7 54	18°38'15	13°32	26°51	4°49	8°54	27°46	16°40	11°54	25°21	3°24	4°48	5°53	19°28	24°15	S 4
M 5	9 11 51	19°38'28	25°20	28°19	5°44	9°11	27°52	16°36	11°53	25°23	3°23	4°47	5°50	19°34	24°10	M 5
T 6	9 15 47	20°38'39	7♍ 8	29°48	6°38	9°27	27°58	16°32	11°52	25°25	3°21	4°D47	5°47	19°41	24° 6	T 6
W 7	9 19 44	21°38'49	18°59	1♒18	7°31	9°44	28° 5	16°28	11°50	25°27	3°20	4°48	5°43	19°48	24° 2	W 7
T 8	9 23 40	22°38'56	0♎55	2°49	8°23	10° 2	28°11	16°24	11°49	25°29	3°19	4°49	5°40	19°54	23°57	T 8
F 9	9 27 37	23°39'02	13° 0	4°22	9°15	10°20	28°16	16°20	11°48	25°31	3°17	4°50	5°37	20° 1	23°53	F 9
S 10	9 31 33	24°39'06	25°16	5°55	10° 6	10°38	28°22	16°16	11°46	25°33	3°16	4°51	5°34	20° 8	23°48	S 10
S 11	9 35 30	25°39'09	7♏47	7°30	10°57	10°57	28°28	16°12	11°45	25°35	3°15	4°52	5°31	20°14	23°44	S 11
M12	9 39 26	26°39'10	20°37	9° 6	11°46	11°16	28°33	16° 7	11°43	25°37	3°13	4°52	5°28	20°21	23°39	M12
T 13	9 43 23	27°39'09	3♐49	10°42	12°35	11°35	28°38	16° 3	11°42	25°39	3°12	4°R52	5°24	20°28	23°35	T 13
W14	9 47 20	28°39'07	17°25	12°20	13°23	11°55	28°43	15°59	11°40	25°41	3°11	4°52	5°21	20°34	23°31	W14
T 15	9 51 16	29°39'03	1♑28	14° 0	14°10	12°16	28°48	15°54	11°38	25°43	3° 9	4°51	5°18	20°41	23°26	T 15
F 16	9 55 13	0♓38'57	15°56	15°40	14°56	12°36	28°53	15°50	11°37	25°45	3° 8	4°51	5°15	20°48	23°22	F 16
S 17	9 59 9	1°38'50	0♒45	17°21	15°41	12°57	28°57	15°46	11°35	25°47	3° 7	4°50	5°12	20°54	23°17	S 17
S 18	10 3 6	2°38'40	15°49	19° 4	16°25	13°18	29° 2	15°41	11°33	25°49	3° 6	4°50	5° 8	21° 1	23°13	S 18
M19	10 7 2	3°38'29	1♓ 1	20°48	17° 8	13°40	29° 6	15°37	11°32	25°52	3° 4	4°D50	5° 5	21° 7	23° 9	M19
T 20	10 10 59	4°38'15	16°10	22°33	17°50	14° 2	29°10	15°32	11°30	25°54	3° 3	4°R50	5° 2	21°14	23° 4	T 20
W21	10 14 55	5°37'59	1♈ 7	24°19	18°31	14°24	29°14	15°27	11°28	25°56	3° 2	4°50	4°59	21°21	23° 0	W21
T 22	10 18 52	6°37'42	15°44	26° 6	19°11	14°46	29°18	15°23	11°26	25°58	3° 1	4°50	4°56	21°27	22°56	T 22
F 23	10 22 49	7°37'21	29°57	27°55	19°49	15° 9	29°21	15°18	11°24	26° 0	3° 0	4°50	4°53	21°34	22°52	F 23
S 24	10 26 45	8°36'59	13♉43	29°44	20°27	15°32	29°24	15°14	11°22	26° 2	2°58	4°49	4°49	21°41	22°47	S 24
S 25	10 30 42	9°36'34	27° 2	1♓35	21° 3	15°56	29°28	15° 9	11°20	26° 5	2°57	4°49	4°46	21°47	22°43	S 25
M26	10 34 38	10°36'07	9♊56	3°28	21°37	16°19	29°31	15° 4	11°18	26° 7	2°56	4°D49	4°43	21°54	22°39	M26
T 27	10 38 35	11°35'38	22°29	5°21	22°10	16°43	29°33	15° 0	11°16	26° 9	2°55	4°49	4°40	22° 1	22°35	T 27
W28	10 42 31	12♓35'06	4♋44	7♓16	22♈42	17♊ 7	29♏36	14♍55	11♎14	26♓11	2♌54	4♍49	4♍37	22♌ 7	22♌31	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s16	18n58	4s25	22s47	1s 6	2n33	1n54	24n32	2n45	18s52	0n52	7n29	2n27	4s 8	0n41	3s20	1s35	28n30	9n16	9n46	9n21	13n46	4n20	9s39
F 2	15 58	18 26	3 44	22 39	1 13	3 2	2 0	24 33	2 44	18 54	0 52	7 30	2 27	4 8	0 41	3 20	1 35	28 30	9 16	9 47	9 23	13 45	4 22	9 40
S 3	15 39	17 6	2 53	22 30	1 19	3 30	2 7	24 35	2 43	18 55	0 52	7 32	2 27	4 7	0 41	3 19	1 35	28 30	9 16	9 48	9 24	13 43	4 23	9 40
S 4	15 21	15 2	1 55	22 19	1 25	3 59	2 14	24 37	2 42	18 57	0 53	7 34	2 27	4 7	0 41	3 18	1 34	28 31	9 16	9 49	9 25	13 42	4 24	9 40
M 5	15 2	12 21	0 52	22 7	1 30	4 27	2 22	24 38	2 42	18 58	0 53	7 35	2 28	4 6	0 41	3 17	1 34	28 31	9 16	9 49	9 26	13 41	4 26	9 40
T 6	14 43	9 9	0n13	21 53	1 35	4 55	2 29	24 40	2 41	18 59	0 53	7 37	2 28	4 6	0 41	3 17	1 34	28 31	9 16	9 49	9 27	13 39	4 27	9 40
W 7	14 23	5 35	1 18	21 38	1 40	5 23	2 36	24 42	2 40	19 1	0 53	7 39	2 28	4 5	0 41	3 16	1 34	28 32	9 16	9 49	9 28	13 38	4 29	9 40
T 8	14 4	1 46	2 20	21 22	1 45	5 51	2 43	24 44	2 39	19 2	0 53	7 40	2 28	4 5	0 41	3 15	1 34	28 32	9 16	9 49	9 30	13 37	4 30	9 40
F 9	13 44	2s 9	3 17	21 4	1 49	6 18	2 51	24 46	2 38	19 3	0 53	7 42	2 28	4 4	0 41	3 14	1 34	28 32	9 16	9 48	9 31	13 36	4 31	9 40
S 10	13 24	6 2	4 5	20 45	1 53	6 45	2 58	24 48	2 38	19 4	0 53	7 44	2 28	4 4	0 41	3 13	1 34	28 33	9 16	9 48	9 32	13 34	4 33	9 40
S 11	13 3	9 44	4 43	20 24	1 56	7 12	3 5	24 49	2 37	19 6	0 53	7 46	2 29	4 3	0 41	3 12	1 34	28 33	9 16	9 48	9 33	13 33	4 34	9 40
M12	12 43	13 4	5 8	20 1	1 59	7 38	3 13	24 51	2 36	19 7	0 53	7 47	2 29	4 2	0 41	3 12	1 34	28 33	9 16	9 47	9 34	13 32	4 36	9 39
T 13	12 22	15 51	5 18	19 38	2 2	8 5	3 20	24 53	2 35	19 8	0 53	7 49	2 29	4 2	0 41	3 11	1 34	28 34	9 15	9 47	9 36	13 30	4 38	9 39
W14	12 1	17 51	5 10	19 12	2 4	8 30	3 28	24 55	2 34	19 9	0 53	7 51	2 29	4 1	0 41	3 10	1 34	28 34	9 15	9 48	9 37	13 29	4 39	9 39
T 15	11 40	18 51	4 44	18 45	2 6	8 56	3 36	24 57	2 33	19 10	0 53	7 53	2 29	4 0	0 41	3 9	1 34	28 34	9 15	9 48	9 38	13 28	4 41	9 39
F 16	11 19	18 40	4 0	18 17	2 8	9 21	3 43	24 59	2 33	19 11	0 53	7 55	2 29	4 0	0 41	3 8	1 34	28 35	9 15	9 48	9 39	13 26	4 42	9 39
S 17	10 58	17 13	2 59	17 47	2 9	9 46	3 51	25 1	2 32	19 12	0 53	7 57	2 29	3 59	0 41	3 7	1 34	28 35	9 15	9 48	9 40	13 25	4 44	9 39
S 18	10 36	14 33	1 44	17 15	2 9	10 10	3 59	25 3	2 31	19 13	0 54	7 59	2 30	3 58	0 41	3 7	1 34	28 35	9 15	9 48	9 41	13 24	4 45	9 38
M19	10 14	10 51	0 21	16 42	2 10	10 34	4 6	25 5	2 30	19 13	0 54	8 0	2 30	3 58	0 41	3 6	1 34	28 35	9 15	9 48	9 43	13 23	4 47	9 38
T 20	9 53	6 27	1s 3	16 8	2 9	10 57	4 14	25 7	2 29	19 14	0 54	8 2	2 30	3 57	0 41	3 5	1 34	28 36	9 15	9 48	9 44	13 21	4 49	9 38
W21	9 31	1 43	2 21	15 32	2 9	11 20	4 22	25 9	2 29	19 15	0 54	8 4	2 30	3 56	0 41	3 4	1 34	28 36	9 15	9 48	9 45	13 20	4 50	9 38
T 22	9 8	3n 2	3 29	14 54	2 7	11 42	4 29	25 10	2 28	19 16	0 54	8 6	2 30	3 55	0 41	3 3	1 34	28 36	9 15	9 48	9 46	13 19	4 52	9 37
F 23	8 46	7 27	4 21	14 15	2 6	12 4	4 37	25 12	2 27	19 16	0 54	8 8	2 30	3 55	0 41	3 2	1 34	28 36	9 15	9 48	9 47	13 17	4 54	9 37
S 24	8 24	11 21	4 57	13 34	2 3	12 25	4 44	25 14	2 26	19 17	0 54	8 10	2 30	3 54	0 41	3 1	1 34	28 36	9 15	9 48	9 48	13 16	4 55	9 37
S 25	8 1	14 31	5 15	12 51	2 1	12 46	4 52	25 16	2 25	19 18	0 54	8 12	2 30	3 53	0 41	3 0	1 34	28 37	9 15	9 49	9 50	13 15	4 57	9 36
M26	7 39	16 52	5 17	12 8	1 57	13 6	5 0	25 17	2 25	19 18	0 54	8 14	2 30	3 52	0 41	3 0	1 34	28 37	9 15	9 49	9 51	13 13	4 59	9 36
T 27	7 16	18 21	5 3	11 22	1 54	13 26	5 7	25 19	2 24	19 19	0 54	8 15	2 30	3 51	0 41	2 59	1 34	28 37	9 15	9 49	9 52	13 12	5 0	9 35
W28	6s53	18n55	4s36	10s35	1s49	13n45	5n15	25n21	2n23	19s19	0n54	8n17	2n30	3s51	0n41	2s58	1s34	28n37	9n15	9n48	9n53	13n11	5n 2	9s35

Julian Day Number = 1981877.5, Delta T = 58m41s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'43, Lahiri = 5°56'43 Julian Calendar 1 Feb. 714 == Greg. Calendar 5 Feb. 714

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MARCH 714 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 46 28	13♓34'32	16♋46	9♓12	23♈12	17♊32	29♏38	14°R50	11°R12	26♓13	2°R53	4♍50	4♍34	22♌14	22°R27	T 1
F 2	10 50 24	14°33'55	28°40	11° 9	23°41	17°57	29°41	14♍46	11♎ 9	26°16	2♌52	4°51	4°30	22°21	22♌23	F 2
S 3	10 54 21	15°33'16	10♌29	13° 7	24° 8	18°22	29°43	14°41	11° 7	26°18	2°51	4°52	4°27	22°27	22°19	S 3
S 4	10 58 18	16°32'35	22°16	15° 6	24°33	18°47	29°45	14°36	11° 5	26°20	2°50	4°53	4°24	22°34	22°15	S 4
M 5	11 2 14	17°31'52	4♍ 4	17° 7	24°56	19°12	29°46	14°31	11° 3	26°22	2°49	4°R53	4°21	22°41	22°11	M 5
T 6	11 6 11	18°31'06	15°57	19° 8	25°18	19°38	29°48	14°27	11° 0	26°25	2°48	4°53	4°18	22°47	22° 8	T 6
W 7	11 10 7	19°30'19	27°56	21°10	25°38	20° 4	29°49	14°22	10°58	26°27	2°47	4°52	4°14	22°54	22° 4	W 7
T 8	11 14 4	20°29'29	10♎ 3	23°13	25°55	20°30	29°50	14°17	10°56	26°29	2°46	4°50	4°11	23° 0	22° 0	T 8
F 9	11 18 0	21°28'37	22°19	25°16	26°11	20°56	29°51	14°13	10°53	26°31	2°45	4°48	4° 8	23° 7	21°57	F 9
S 10	11 21 57	22°27'43	4♏48	27°20	26°25	21°22	29°52	14° 8	10°51	26°34	2°44	4°45	4° 5	23°14	21°53	S 10
S 11	11 25 53	23°26'48	17°29	29°23	26°36	21°49	29°53	14° 4	10°49	26°36	2°44	4°43	4° 2	23°20	21°50	S 11
M12	11 29 50	24°25'50	0♐26	1♈27	26°46	22°16	29°53	13°59	10°46	26°38	2°43	4°40	3°59	23°27	21°46	M12
T 13	11 33 46	25°24'51	13°39	3°30	26°53	22°43	29°53	13°54	10°44	26°40	2°42	4°39	3°55	23°34	21°43	T 13
W14	11 37 43	26°23'50	27°11	5°32	26°58	23°10	29°R53	13°50	10°41	26°43	2°41	4°D39	3°52	23°40	21°40	W14
T 15	11 41 40	27°22'47	11♑ 3	7°34	27° 0	23°38	29°53	13°45	10°39	26°45	2°40	4°39	3°49	23°47	21°37	T 15
F 16	11 45 36	28°21'43	25°14	9°34	27°R 0	24° 5	29°53	13°41	10°36	26°47	2°40	4°40	3°46	23°54	21°34	F 16
S 17	11 49 33	29°20'37	9♒43	11°32	26°58	24°33	29°52	13°37	10°34	26°49	2°39	4°42	3°43	24° 0	21°31	S 17
S 18	11 53 29	0♈19'28	24°28	13°28	26°53	25° 1	29°52	13°32	10°32	26°52	2°38	4°43	3°39	24° 7	21°28	S 18
M19	11 57 26	1°18'18	9♓22	15°21	26°46	25°29	29°51	13°28	10°29	26°54	2°38	4°R43	3°36	24°14	21°25	M19
T 20	12 1 22	2°17'06	24°19	17°12	26°37	25°58	29°50	13°23	10°26	26°56	2°37	4°42	3°33	24°20	21°22	T 20
W21	12 5 19	3°15'52	9♈ 9	18°59	26°25	26°26	29°48	13°19	10°24	26°59	2°37	4°39	3°30	24°27	21°19	W21
T 22	12 9 15	4°14'36	23°47	20°43	26°10	26°55	29°47	13°15	10°21	27° 1	2°36	4°36	3°27	24°34	21°17	T 22
F 23	12 13 12	5°13'17	8♉ 4	22°24	25°53	27°24	29°45	13°11	10°19	27° 3	2°35	4°31	3°24	24°40	21°14	F 23
S 24	12 17 9	6°11'57	21°56	24° 0	25°34	27°53	29°43	13° 7	10°16	27° 5	2°35	4°26	3°20	24°47	21°12	S 24
S 25	12 21 5	7°10'34	5♊22	25°32	25°12	28°22	29°41	13° 3	10°14	27° 8	2°34	4°22	3°17	24°53	21° 9	S 25
M26	12 25 2	8° 9'10	18°21	26°59	24°48	28°51	29°39	12°59	10°11	27°10	2°34	4°19	3°14	25° 0	21° 7	M26
T 27	12 28 58	9° 7'43	0♋58	28°22	24°22	29°21	29°37	12°55	10° 9	27°12	2°34	4°17	3°11	25° 7	21° 5	T 27
W28	12 32 55	10° 6'13	13°14	29°40	23°54	29°50	29°34	12°51	10° 6	27°14	2°33	4°D17	3° 8	25°13	21° 3	W28
T 29	12 36 51	11° 4'42	25°16	0♌53	23°24	0♋20	29°31	12°47	10° 4	27°16	2°33	4°18	3° 5	25°20	21° 1	T 29
F 30	12 40 48	12° 3'08	7♌ 9	2° 1	22°53	0°50	29°28	12°43	10° 1	27°19	2°32	4°20	3° 1	25°27	20°59	F 30
S 31	12 44 44	13♈ 1'32	18♌56	3♌ 4	22♈19	1♋20	29♏25	12♍39	9♎58	27♓21	2♌32	4♍21	2♍58	25♌33	20♌57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s30	18n38	3s57	9s47	1s44	14n 3	5n22	25n22	2n22	19s20	0n54	8n19	2n30	3s50	0n41	2s57	1s34	28n37	9n14	9n48	9n54	13n 9	5n 4	9s35
F 2	6 7	17 30	3 8	8 58	1 39	14 21	5 30	25 24	2 21	19 20	0 54	8 21	2 31	3 49	0 41	2 56	1 34	28 37	9 14	9 48	9 55	13 8	5 5	9 34
S 3	5 44	15 37	2 12	8 7	1 33	14 38	5 37	25 25	2 21	19 20	0 54	8 23	2 31	3 48	0 41	2 55	1 34	28 38	9 14	9 47	9 57	13 7	5 7	9 34
S 4	5 21	13 5	1 10	7 14	1 27	14 54	5 44	25 27	2 20	19 21	0 55	8 25	2 31	3 47	0 41	2 54	1 34	28 38	9 14	9 47	9 58	13 5	5 9	9 33
M 5	4 58	10 1	0 5	6 21	1 20	15 9	5 51	25 28	2 19	19 21	0 55	8 27	2 31	3 46	0 41	2 53	1 34	28 38	9 14	9 47	9 59	13 4	5 10	9 33
T 6	4 34	6 31	1n 1	5 26	1 12	15 24	5 58	25 30	2 18	19 21	0 55	8 29	2 31	3 45	0 41	2 52	1 34	28 38	9 14	9 47	10 0	13 3	5 12	9 32
W 7	4 11	2 44	2 4	4 30	1 4	15 37	6 5	25 31	2 18	19 22	0 55	8 30	2 31	3 44	0 41	2 51	1 34	28 38	9 14	9 47	10 1	13 1	5 14	9 31
T 8	3 48	1s12	3 3	3 33	0 55	15 50	6 11	25 32	2 17	19 22	0 55	8 32	2 31	3 43	0 41	2 51	1 34	28 38	9 14	9 48	10 2	13 0	5 15	9 31
F 9	3 24	5 8	3 53	2 36	0 46	16 2	6 18	25 33	2 16	19 22	0 55	8 34	2 31	3 42	0 41	2 50	1 34	28 38	9 14	9 49	10 4	12 58	5 17	9 30
S 10	3 1	8 54	4 34	1 38	0 37	16 12	6 24	25 34	2 15	19 22	0 55	8 36	2 31	3 42	0 41	2 49	1 34	28 38	9 13	9 50	10 5	12 57	5 19	9 30
S 11	2 37	12 20	5 2	0 39	0 27	16 22	6 30	25 35	2 15	19 22	0 55	8 38	2 31	3 41	0 41	2 48	1 34	28 38	9 13	9 51	10 6	12 56	5 20	9 29
M12	2 14	15 15	5 15	0n20	0 16	16 31	6 36	25 36	2 14	19 22	0 55	8 39	2 31	3 40	0 41	2 47	1 34	28 39	9 13	9 52	10 7	12 54	5 22	9 28
T 13	1 50	17 26	5 12	1 19	0 5	16 39	6 41	25 37	2 13	19 22	0 55	8 41	2 31	3 39	0 41	2 46	1 34	28 39	9 13	9 52	10 8	12 53	5 24	9 28
W14	1 26	18 43	4 52	2 18	0n 6	16 45	6 46	25 38	2 12	19 22	0 55	8 43	2 31	3 38	0 41	2 45	1 34	28 39	9 13	9 52	10 9	12 52	5 25	9 27
T 15	1 3	18 55	4 14	3 17	0 17	16 51	6 51	25 38	2 12	19 22	0 55	8 45	2 31	3 37	0 41	2 44	1 34	28 39	9 13	9 52	10 11	12 50	5 27	9 26
F 16	0 39	17 57	3 21	4 15	0 29	16 55	6 55	25 39	2 11	19 22	0 55	8 46	2 31	3 36	0 41	2 43	1 34	28 39	9 13	9 52	10 12	12 49	5 29	9 26
S 17	0 16	15 48	2 13	5 12	0 40	16 58	6 59	25 39	2 10	19 22	0 55	8 48	2 31	3 35	0 41	2 42	1 34	28 39	9 12	9 51	10 13	12 47	5 30	9 25
S 18	0n 8	12 34	0 56	6 9	0 52	16 59	7 3	25 40	2 9	19 21	0 55	8 50	2 31	3 34	0 41	2 42	1 34	28 39	9 12	9 51	10 14	12 46	5 32	9 24
M19	0 31	8 30	0s26	7 3	1 3	16 59	7 6	25 40	2 9	19 21	0 56	8 51	2 31	3 33	0 41	2 41	1 34	28 39	9 12	9 51	10 15	12 45	5 33	9 24
T 20	0 55	3 53	1 46	7 57	1 15	16 58	7 9	25 40	2 8	19 21	0 56	8 53	2 31	3 32	0 41	2 40	1 34	28 39	9 12	9 51	10 16	12 43	5 35	9 23
W21	1 18	0n56	2 58	8 48	1 26	16 56	7 11	25 40	2 7	19 20	0 56	8 55	2 31	3 31	0 41	2 39	1 34	28 39	9 12	9 52	10 18	12 42	5 37	9 22
T 22	1 42	5 37	3 57	9 38	1 36	16 52	7 12	25 40	2 6	19 20	0 56	8 56	2 30	3 30	0 41	2 38	1 34	28 39	9 12	9 53	10 19	12 40	5 38	9 21
F 23	2 5	9 52	4 40	10 25	1 47	16 46	7 13	25 40	2 6	19 20	0 56	8 58	2 30	3 29	0 41	2 37	1 34	28 39	9 11	9 55	10 20	12 39	5 40	9 21
S 24	2 29	13 27	5 6	11 11	1 57	16 39	7 13	25 40	2 5	19 19	0 56	8 59	2 30	3 28	0 41	2 36	1 34	28 39	9 11	9 57	10 21	12 38	5 41	9 20
S 25	2 52	16 13	5 13	11 53	2 6	16 31	7 13	25 40	2 4	19 19	0 56	9 1	2 30	3 27	0 41	2 35	1 34	28 39	9 11	9 58	10 22	12 36	5 43	9 19
M26	3 15	18 3	5 4	12 34	2 15	16 21	7 12	25 40	2 4	19 18	0 56	9 2	2 30	3 26	0 41	2 34	1 34	28 39	9 11	10 0	10 23	12 35	5 44	9 18
T 27	3 39	18 56	4 40	13 11	2 23	16 10	7 10	25 39	2 3	19 18	0 56	9 4	2 30	3 25	0 41	2 34	1 34	28 39	9 11	10 0	10 24	12 33	5 46	9 17
W28	4 2	18 54	4 4	13 46	2 30	15 57	7 8	25 38	2 2	19 17	0 56	9 5	2 30	3 24	0 41	2 33	1 34	28 39	9 11	10 0	10 26	12 32	5 47	9 16
T 29	4 25	18 0	3 17	14 18	2 36	15 42	7 4	25 38	2 2	19 16	0 56	9 7	2 30	3 23	0 41	2 32	1 34	28 38	9 10	10 0	10 27	12 31	5 48	9 16
F 30	4 48	16 18	2 23	14 47	2 42	15 26	7 0	25 37	2 1	19 16	0 56	9 8	2 30	3 22	0 41	2 31	1 34	28 38	9 10	9 59	10 28	12 29	5 50	9 15
S 31	5n11	13n56	1s23	15n13	2n47	15n 9	6n55	25n36	2n 0	19s15	0n56	9n10	2n30	3s21	0n41	2s30	1s34	28n38	9n10	9n59	10n29	12n28	5n51	9s14

Julian Day Number = 1981905.5, Delta T = 58m40s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'47, Lahiri = 5°56'47 Julian Calendar 1 March 714 == Greg. Calendar 5 March 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

APRIL 714 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 48 41	13♈59'54	0♍44	4♉ 1	21°R45	1♋50	29°R22	12°R36	9°R56	27♓23	2°R32	4°R22	2♍55	25♌40	20°R55	S 1
M 2	12 52 38	14°58'14	12°35	4°53	21♈ 9	2°20	29♏19	12♍32	9♎53	27°25	2♌31	4♍22	2°52	25°47	20♌54	M 2
T 3	12 56 34	15°56'32	24°34	5°40	20°32	2°51	29°15	12°29	9°51	27°27	2°31	4°20	2°49	25°53	20°52	T 3
W 4	13 0 31	16°54'47	6♎43	6°21	19°55	3°21	29°11	12°25	9°48	27°30	2°31	4°16	2°45	26° 0	20°51	W 4
T 5	13 4 27	17°53'01	19° 4	6°56	19°17	3°52	29° 7	12°22	9°46	27°32	2°31	4°10	2°42	26° 7	20°49	T 5
F 6	13 8 24	18°51'13	1♏37	7°26	18°39	4°23	29° 3	12°18	9°43	27°34	2°31	4° 3	2°39	26°13	20°48	F 6
S 7	13 12 20	19°49'24	14°24	7°51	18° 1	4°54	28°59	12°15	9°41	27°36	2°31	3°55	2°36	26°20	20°47	S 7
S 8	13 16 17	20°47'33	27°24	8°10	17°23	5°24	28°54	12°12	9°38	27°38	2°30	3°47	2°33	26°26	20°46	S 8
M 9	13 20 13	21°45'40	10♐37	8°23	16°46	5°56	28°50	12° 9	9°36	27°40	2°30	3°40	2°30	26°33	20°45	M 9
T 10	13 24 10	22°43'45	24° 3	8°31	16°10	6°27	28°45	12° 6	9°33	27°42	2°30	3°35	2°26	26°40	20°44	T 10
W11	13 28 6	23°41'50	7♑40	8°R33	15°34	6°58	28°40	12° 3	9°31	27°44	2°D30	3°31	2°23	26°46	20°43	W11
T 12	13 32 3	24°39'52	21°30	8°31	15° 0	7°30	28°35	12° 0	9°28	27°47	2°30	3°D30	2°20	26°53	20°43	T 12
F 13	13 36 0	25°37'54	5♒32	8°23	14°28	8° 1	28°30	11°57	9°26	27°49	2°30	3°30	2°17	27° 0	20°42	F 13
S 14	13 39 56	26°35'54	19°46	8°11	13°57	8°33	28°25	11°55	9°23	27°51	2°30	3°31	2°14	27° 6	20°42	S 14
S 15	13 43 53	27°33'52	4♓ 9	7°54	13°28	9° 4	28°19	11°52	9°21	27°53	2°30	3°R32	2°11	27°13	20°41	S 15
M16	13 47 49	28°31'50	18°39	7°33	13° 0	9°36	28°13	11°50	9°19	27°55	2°31	3°31	2° 7	27°20	20°41	M16
T 17	13 51 46	29°29'45	3♈13	7° 8	12°35	10° 8	28° 8	11°47	9°16	27°57	2°31	3°28	2° 4	27°26	20°41	T 17
W18	13 55 42	0♉27'40	17°43	6°40	12°12	10°40	28° 2	11°45	9°14	27°59	2°31	3°22	2° 1	27°33	20°D41	W18
T 19	13 59 39	1°25'32	2♉ 5	6°10	11°51	11°12	27°56	11°43	9°12	28° 1	2°31	3°14	1°58	27°40	20°41	T 19
F 20	14 3 35	2°23'24	16°12	5°37	11°33	11°45	27°50	11°41	9° 9	28° 3	2°31	3° 5	1°55	27°46	20°41	F 20
S 21	14 7 32	3°21'13	29°58	5° 3	11°17	12°17	27°43	11°39	9° 7	28° 5	2°32	2°55	1°51	27°53	20°41	S 21
S 22	14 11 29	4°19'02	13♊22	4°27	11° 3	12°49	27°37	11°37	9° 5	28° 7	2°32	2°46	1°48	28° 0	20°42	S 22
M23	14 15 25	5°16'48	26°22	3°52	10°51	13°22	27°31	11°35	9° 3	28° 8	2°32	2°38	1°45	28° 6	20°42	M23
T 24	14 19 22	6°14'33	9♋ 0	3°16	10°42	13°55	27°24	11°33	9° 1	28°10	2°33	2°33	1°42	28°13	20°43	T 24
W25	14 23 18	7°12'16	21°18	2°42	10°36	14°27	27°17	11°31	8°58	28°12	2°33	2°30	1°39	28°19	20°43	W25
T 26	14 27 15	8° 9'58	3♌21	2° 9	10°32	15° 0	27°11	11°30	8°56	28°14	2°33	2°D28	1°36	28°26	20°44	T 26
F 27	14 31 11	9° 7'38	15°14	1°38	10°D30	15°33	27° 4	11°28	8°54	28°16	2°34	2°28	1°32	28°33	20°45	F 27
S 28	14 35 8	10° 5'16	27° 3	1°10	10°30	16° 6	26°57	11°27	8°52	28°18	2°34	2°R29	1°29	28°39	20°46	S 28
S 29	14 39 4	11° 2'52	8♍52	0°45	10°33	16°39	26°50	11°26	8°50	28°19	2°35	2°29	1°26	28°46	20°47	S 29
M30	14 43 1	12♉ 0'27	20♍46	0♉22	10♈38	17♋12	26♏43	11♍25	8♎48	28♓21	2♌35	2♍27	1♍23	28♌53	20♌48	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n33	10n59	0s20	15n37	2n51	14n51	6n50	25n35	1n59	19s14	0n56	9n11	2n30	3s20	0n41	2s29	1s34	28n38	9n10	9n58	10n30	12n26	5n53	9s13
M 2	5 56	7 34	0n45	15 57	2 53	14 31	6 43	25 34	1 59	19 14	0 56	9 12	2 30	3 19	0 41	2 28	1 34	28 38	9 10	9 59	10 31	12 25	5 54	9 12
T 3	6 19	3 49	1 48	16 15	2 55	14 10	6 36	25 32	1 58	19 13	0 56	9 13	2 29	3 18	0 41	2 28	1 34	28 38	9 10	9 59	10 33	12 23	5 55	9 11
W 4	6 41	0s 8	2 47	16 29	2 56	13 48	6 28	25 31	1 57	19 12	0 56	9 15	2 29	3 17	0 41	2 27	1 34	28 38	9 9	10 1	10 34	12 22	5 57	9 10
T 5	7 4	4 9	3 38	16 40	2 55	13 26	6 19	25 29	1 57	19 11	0 56	9 16	2 29	3 16	0 41	2 26	1 34	28 38	9 9	10 3	10 35	12 21	5 58	9 9
F 6	7 26	8 3	4 21	16 49	2 53	13 2	6 9	25 28	1 56	19 10	0 56	9 17	2 29	3 15	0 41	2 25	1 34	28 38	9 9	10 6	10 36	12 19	5 59	9 8
S 7	7 48	11 39	4 51	16 54	2 50	12 38	5 59	25 26	1 55	19 9	0 56	9 18	2 29	3 14	0 41	2 24	1 34	28 37	9 9	10 8	10 37	12 18	6 0	9 7
S 8	8 10	14 45	5 6	16 57	2 46	12 13	5 48	25 24	1 55	19 8	0 56	9 19	2 29	3 13	0 41	2 23	1 34	28 37	9 9	10 11	10 38	12 16	6 2	9 7
M 9	8 32	17 9	5 6	16 56	2 41	11 48	5 37	25 22	1 54	19 7	0 56	9 20	2 29	3 12	0 41	2 22	1 34	28 37	9 9	10 14	10 39	12 15	6 3	9 6
T 10	8 54	18 40	4 49	16 52	2 34	11 23	5 25	25 20	1 53	19 6	0 56	9 21	2 29	3 11	0 41	2 22	1 34	28 37	9 8	10 16	10 41	12 13	6 4	9 5
W11	9 16	19 8	4 15	16 46	2 27	10 58	5 12	25 18	1 53	19 5	0 56	9 22	2 28	3 10	0 41	2 21	1 35	28 37	9 8	10 17	10 42	12 12	6 5	9 4
T 12	9 37	18 28	3 27	16 36	2 18	10 33	4 59	25 15	1 52	19 4	0 56	9 23	2 28	3 9	0 41	2 20	1 35	28 37	9 8	10 17	10 43	12 11	6 6	9 3
F 13	9 58	16 40	2 25	16 24	2 7	10 8	4 46	25 13	1 51	19 3	0 56	9 24	2 28	3 8	0 41	2 19	1 35	28 36	9 8	10 17	10 44	12 9	6 7	9 2
S 14	10 20	13 50	1 13	16 9	1 56	9 43	4 33	25 10	1 51	19 2	0 56	9 25	2 28	3 7	0 41	2 18	1 35	28 36	9 8	10 17	10 45	12 8	6 8	9 1
S 15	10 41	10 6	0s 3	15 52	1 44	9 19	4 19	25 7	1 50	19 0	0 56	9 26	2 28	3 6	0 41	2 18	1 35	28 36	9 7	10 17	10 46	12 6	6 9	9 0
M16	11 2	5 45	1 20	15 33	1 30	8 55	4 5	25 4	1 49	18 59	0 56	9 27	2 28	3 5	0 41	2 17	1 35	28 36	9 7	10 17	10 47	12 5	6 10	8 59
T 17	11 22	1 3	2 32	15 11	1 16	8 32	3 51	25 1	1 49	18 58	0 56	9 28	2 28	3 4	0 41	2 16	1 35	28 36	9 7	10 18	10 49	12 3	6 11	8 58
W18	11 43	3n42	3 34	14 47	1 0	8 10	3 36	24 58	1 48	18 57	0 56	9 28	2 27	3 3	0 41	2 15	1 35	28 35	9 7	10 20	10 50	12 2	6 12	8 57
T 19	12 3	8 11	4 21	14 22	0 44	7 49	3 22	24 55	1 48	18 55	0 56	9 29	2 27	3 3	0 41	2 15	1 35	28 35	9 7	10 23	10 51	12 0	6 13	8 56
F 20	12 23	12 8	4 52	13 55	0 28	7 29	3 8	24 51	1 47	18 54	0 56	9 30	2 27	3 2	0 41	2 14	1 35	28 35	9 6	10 27	10 52	11 59	6 14	8 55
S 21	12 43	15 19	5 4	13 28	0 11	7 9	2 54	24 48	1 46	18 53	0 56	9 30	2 27	3 1	0 41	2 13	1 35	28 35	9 6	10 30	10 53	11 57	6 15	8 54
S 22	13 3	17 36	5 0	13 0	0s 6	6 51	2 40	24 44	1 46	18 51	0 56	9 31	2 27	3 0	0 41	2 12	1 35	28 34	9 6	10 33	10 54	11 56	6 16	8 53
M23	13 22	18 54	4 39	12 31	0 24	6 34	2 26	24 40	1 45	18 50	0 56	9 31	2 27	2 59	0 41	2 12	1 35	28 34	9 6	10 36	10 55	11 54	6 17	8 52
T 24	13 42	19 12	4 6	12 3	0 41	6 18	2 12	24 36	1 44	18 48	0 56	9 32	2 26	2 58	0 41	2 11	1 35	28 34	9 6	10 38	10 57	11 53	6 17	8 51
W25	14 1	18 35	3 22	11 35	0 58	6 3	1 59	24 32	1 44	18 47	0 56	9 32	2 26	2 57	0 41	2 10	1 35	28 34	9 6	10 39	10 58	11 51	6 18	8 50
T 26	14 19	17 7	2 29	11 8	1 15	5 49	1 46	24 28	1 43	18 45	0 56	9 33	2 26	2 57	0 41	2 9	1 35	28 33	9 5	10 40	10 59	11 50	6 19	8 49
F 27	14 38	14 56	1 31	10 42	1 31	5 36	1 33	24 23	1 42	18 44	0 56	9 33	2 26	2 56	0 41	2 9	1 35	28 33	9 5	10 40	11 0	11 48	6 19	8 48
S 28	14 57	12 8	0 29	10 18	1 46	5 25	1 20	24 19	1 42	18 42	0 56	9 34	2 26	2 55	0 41	2 8	1 35	28 33	9 5	10 40	11 1	11 47	6 20	8 47
S 29	15 15	8 50	0n34	9 55	2 1	5 15	1 8	24 14	1 41	18 41	0 56	9 34	2 26	2 54	0 41	2 7	1 35	28 32	9 5	10 40	11 2	11 45	6 21	8 46
M30	15n33	5n 9	1n36	9n34	2s15	5n 6	0n56	24n 9	1n41	18s39	0n56	9n34	2n25	2s53	0n41	2s 7	1s35	28n32	9n 5	10n40	11n 3	11n44	6n21	8s45

Julian Day Number = 1981936.5, Delta T = 58m40s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'51, Lahiri = 5°56'51 Julian Calendar 1 Apr. 714 == Greg. Calendar 5 Apr. 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

MAY 714 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 46 58	12♉58'01	2♎51	0°R 4	10♈46	17♋45	26°R35	11°R23	8°R46	28♓23	2♌36	2°R23	1♍20	28♌59	20♌50	T 1
W 2	14 50 54	13°55'33	15° 9	29♈50	10°55	18°18	26♏28	11♍23	8♎44	28°25	2°36	2♍17	1°16	29° 6	20°51	W 2
T 3	14 54 51	14°53'04	27°43	29°39	11° 7	18°52	26°21	11°22	8°42	28°26	2°37	2° 8	1°13	29°13	20°53	T 3
F 4	14 58 47	15°50'34	10♏35	29°33	11°21	19°25	26°14	11°21	8°40	28°28	2°37	1°57	1°10	29°19	20°54	F 4
S 5	15 2 44	16°48'02	23°43	29°D32	11°36	19°59	26° 6	11°20	8°38	28°30	2°38	1°46	1° 7	29°26	20°56	S 5
S 6	15 6 40	17°45'30	7♐ 6	29°35	11°54	20°32	25°59	11°20	8°37	28°31	2°39	1°34	1° 4	29°33	20°58	S 6
M 7	15 10 37	18°42'56	20°42	29°42	12°13	21° 6	25°51	11°19	8°35	28°33	2°40	1°23	1° 1	29°39	20°59	M 7
T 8	15 14 33	19°40'22	4♑28	29°54	12°34	21°40	25°44	11°19	8°33	28°35	2°40	1°15	0°57	29°46	21° 1	T 8
W 9	15 18 30	20°37'46	18°23	0♉10	12°57	22°13	25°36	11°19	8°31	28°36	2°41	1°10	0°54	29°52	21° 4	W 9
T 10	15 22 27	21°35'10	2♒22	0°31	13°22	22°47	25°29	11°18	8°30	28°38	2°42	1° 7	0°51	29°59	21° 6	T 10
F 11	15 26 23	22°32'34	16°26	0°56	13°49	23°21	25°21	11°D18	8°28	28°39	2°43	1° 6	0°48	0♍ 6	21° 8	F 11
S 12	15 30 20	23°29'56	0♓33	1°26	14°16	23°55	25°13	11°18	8°27	28°41	2°43	1° 5	0°45	0°12	21°10	S 12
S 13	15 34 16	24°27'18	14°43	2° 0	14°46	24°29	25° 6	11°18	8°25	28°42	2°44	1° 5	0°42	0°19	21°13	S 13
M14	15 38 13	25°24'39	28°53	2°37	15°17	25° 3	24°58	11°19	8°24	28°44	2°45	1° 3	0°38	0°26	21°15	M14
T 15	15 42 9	26°22'00	13♈ 2	3°19	15°49	25°38	24°50	11°19	8°22	28°45	2°46	0°59	0°35	0°32	21°18	T 15
W16	15 46 6	27°19'20	27° 8	4° 5	16°23	26°12	24°43	11°19	8°21	28°46	2°47	0°52	0°32	0°39	21°21	W16
T 17	15 50 2	28°16'40	11♉ 5	4°54	16°57	26°46	24°35	11°20	8°19	28°48	2°48	0°42	0°29	0°46	21°24	T 17
F 18	15 53 59	29°13'58	24°51	5°47	17°34	27°21	24°27	11°21	8°18	28°49	2°49	0°30	0°26	0°52	21°27	F 18
S 19	15 57 56	0♊11'17	8♊21	6°44	18°11	27°55	24°20	11°21	8°17	28°50	2°50	0°18	0°22	0°59	21°30	S 19
S 20	16 1 52	1° 8'34	21°32	7°45	18°49	28°30	24°12	11°22	8°16	28°52	2°51	0° 6	0°19	1° 6	21°33	S 20
M21	16 5 49	2° 5'51	4♋24	8°48	19°29	29° 4	24° 5	11°23	8°14	28°53	2°52	29♌56	0°16	1°12	21°36	M21
T 22	16 9 45	3° 3'07	16°57	9°56	20° 9	29°39	23°57	11°24	8°13	28°54	2°53	29°48	0°13	1°19	21°39	T 22
W23	16 13 42	4° 0'22	29°13	11° 7	20°51	0♌14	23°50	11°25	8°12	28°55	2°54	29°43	0°10	1°26	21°43	W23
T 24	16 17 38	4°57'36	11♌15	12°21	21°33	0°49	23°42	11°27	8°11	28°57	2°55	29°40	0° 7	1°32	21°46	T 24
F 25	16 21 35	5°54'49	23° 8	13°38	22°17	1°24	23°35	11°28	8°10	28°58	2°56	29°39	0° 3	1°39	21°50	F 25
S 26	16 25 31	6°52'02	4♍57	14°58	23° 1	1°58	23°28	11°29	8° 9	28°59	2°58	29°39	0° 0	1°45	21°53	S 26
S 27	16 29 28	7°49'14	16°47	16°22	23°47	2°33	23°21	11°31	8° 8	29° 0	2°59	29°39	29♌57	1°52	21°57	S 27
M28	16 33 25	8°46'25	28°43	17°49	24°33	3° 9	23°13	11°33	8° 8	29° 1	3° 0	29°37	29°54	1°59	22° 1	M28
T 29	16 37 21	9°43'35	10♎51	19°19	25°20	3°44	23° 6	11°34	8° 7	29° 2	3° 1	29°34	29°51	2° 5	22° 5	T 29
W30	16 41 18	10°40'45	23°15	20°53	26° 7	4°19	22°59	11°36	8° 6	29° 3	3° 2	29°28	29°48	2°12	22° 9	W30
T 31	16 45 14	11♊37'54	5♏59	22♉29	26♈56	4♌54	22♏52	11♍38	8♎ 5	29♓ 4	3♌ 4	29♌20	29♌44	2♍19	22♌13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n50	1n13	2n34	9n16	2s28	4n58	0n44	24n 4	1n40	18s37	0n56	9n34	2n25	2s53	0n41	2s 6	1s35	28n32	9n 4	10n42	11n 5	11n42	6n22	8s44
W 2	16 8	2s50	3 26	9 0	2 40	4 51	0 32	23 59	1 39	18 36	0 56	9 35	2 25	2 52	0 41	2 5	1 35	28 32	9 4	10 44	11 6	11 41	6 22	8 43
T 3	16 25	6 51	4 10	8 46	2 51	4 45	0 21	23 54	1 39	18 34	0 56	9 35	2 25	2 51	0 41	2 5	1 35	28 31	9 4	10 47	11 7	11 39	6 23	8 42
F 4	16 42	10 39	4 41	8 34	3 1	4 41	0 11	23 48	1 38	18 33	0 55	9 35	2 25	2 50	0 41	2 4	1 35	28 31	9 4	10 51	11 8	11 38	6 23	8 41
S 5	16 58	14 0	4 59	8 26	3 10	4 37	0 0	23 43	1 37	18 31	0 55	9 35	2 24	2 50	0 41	2 4	1 35	28 31	9 4	10 55	11 9	11 36	6 24	8 40
S 6	17 15	16 43	5 0	8 19	3 17	4 35	0s10	23 37	1 37	18 29	0 55	9 35	2 24	2 49	0 41	2 3	1 35	28 30	9 4	10 59	11 10	11 35	6 24	8 39
M 7	17 31	18 32	4 45	8 16	3 24	4 33	0 20	23 31	1 36	18 27	0 55	9 35	2 24	2 48	0 40	2 2	1 35	28 30	9 3	11 3	11 11	11 33	6 24	8 38
T 8	17 46	19 19	4 13	8 15	3 30	4 33	0 29	23 25	1 36	18 26	0 55	9 35	2 24	2 48	0 40	2 2	1 36	28 30	9 3	11 6	11 13	11 32	6 25	8 37
W 9	18 2	18 56	3 26	8 16	3 34	4 34	0 38	23 19	1 35	18 24	0 55	9 35	2 24	2 47	0 40	2 1	1 36	28 29	9 3	11 8	11 14	11 30	6 25	8 36
T 10	18 17	17 24	2 26	8 20	3 38	4 35	0 47	23 13	1 34	18 22	0 55	9 35	2 23	2 46	0 40	2 1	1 36	28 29	9 3	11 9	11 15	11 29	6 25	8 35
F 11	18 32	14 48	1 17	8 27	3 40	4 38	0 56	23 6	1 34	18 21	0 55	9 35	2 23	2 46	0 40	2 0	1 36	28 28	9 3	11 10	11 16	11 27	6 25	8 34
S 12	18 47	11 18	0 3	8 35	3 41	4 41	1 4	23 0	1 33	18 19	0 55	9 34	2 23	2 45	0 40	1 59	1 36	28 28	9 3	11 10	11 17	11 26	6 26	8 33
S 13	19 1	7 9	1s12	8 46	3 42	4 45	1 12	22 53	1 33	18 17	0 55	9 34	2 23	2 45	0 40	1 59	1 36	28 28	9 2	11 10	11 18	11 24	6 26	8 32
M14	19 15	2 36	2 21	9 0	3 42	4 50	1 19	22 46	1 32	18 15	0 55	9 34	2 23	2 44	0 40	1 58	1 36	28 27	9 2	11 10	11 19	11 23	6 26	8 31
T 15	19 28	2n 5	3 22	9 15	3 40	4 56	1 26	22 39	1 31	18 14	0 54	9 34	2 22	2 44	0 40	1 58	1 36	28 27	9 2	11 12	11 20	11 21	6 26	8 30
W16	19 42	6 37	4 11	9 32	3 38	5 3	1 33	22 32	1 31	18 12	0 54	9 33	2 22	2 43	0 40	1 57	1 36	28 27	9 2	11 15	11 22	11 20	6 26	8 29
T 17	19 55	10 46	4 43	9 52	3 35	5 10	1 40	22 25	1 30	18 10	0 54	9 33	2 22	2 43	0 40	1 57	1 36	28 26	9 2	11 18	11 23	11 18	6 26	8 28
F 18	20 7	14 16	4 59	10 13	3 32	5 18	1 46	22 18	1 30	18 9	0 54	9 32	2 22	2 42	0 40	1 56	1 36	28 26	9 2	11 22	11 24	11 17	6 26	8 28
S 19	20 20	16 57	4 58	10 35	3 27	5 27	1 52	22 10	1 29	18 7	0 54	9 32	2 22	2 42	0 40	1 56	1 36	28 25	9 1	11 27	11 25	11 15	6 26	8 27
S 20	20 32	18 40	4 40	11 0	3 22	5 36	1 58	22 3	1 28	18 5	0 54	9 31	2 21	2 41	0 40	1 55	1 36	28 25	9 1	11 31	11 26	11 13	6 26	8 26
M21	20 43	19 23	4 9	11 26	3 17	5 46	2 4	21 55	1 28	18 3	0 54	9 31	2 21	2 41	0 40	1 55	1 36	28 25	9 1	11 34	11 27	11 12	6 26	8 25
T 22	20 55	19 7	3 26	11 53	3 10	5 56	2 9	21 47	1 27	18 2	0 53	9 30	2 21	2 40	0 40	1 55	1 36	28 24	9 1	11 37	11 28	11 10	6 26	8 24
W23	21 6	17 57	2 34	12 22	3 3	6 7	2 14	21 39	1 27	18 0	0 53	9 30	2 21	2 40	0 40	1 54	1 36	28 24	9 1	11 39	11 29	11 9	6 25	8 23
T 24	21 16	15 59	1 36	12 52	2 55	6 19	2 19	21 31	1 26	17 58	0 53	9 29	2 21	2 39	0 40	1 54	1 36	28 23	9 1	11 40	11 31	11 7	6 25	8 22
F 25	21 26	13 21	0 35	13 23	2 47	6 31	2 23	21 22	1 25	17 57	0 53	9 28	2 20	2 39	0 40	1 53	1 36	28 23	9 1	11 40	11 32	11 6	6 25	8 21
S 26	21 36	10 12	0n28	13 55	2 39	6 44	2 27	21 14	1 25	17 55	0 53	9 28	2 20	2 39	0 40	1 53	1 36	28 23	9 0	11 40	11 33	11 4	6 25	8 20
S 27	21 46	6 38	1 30	14 28	2 29	6 57	2 31	21 5	1 24	17 53	0 53	9 27	2 20	2 38	0 40	1 53	1 37	28 22	9 0	11 40	11 34	11 3	6 24	8 19
M28	21 55	2 46	2 28	15 1	2 20	7 10	2 35	20 57	1 24	17 52	0 52	9 26	2 20	2 38	0 40	1 52	1 37	28 22	9 0	11 41	11 35	11 1	6 24	8 18
T 29	22 4	1s15	3 20	15 36	2 10	7 24	2 39	20 48	1 23	17 50	0 52	9 25	2 20	2 38	0 40	1 52	1 37	28 21	9 0	11 42	11 36	10 59	6 24	8 17
W30	22 12	5 19	4 4	16 11	1 59	7 38	2 42	20 39	1 22	17 48	0 52	9 24	2 19	2 38	0 40	1 51	1 37	28 21	9 0	11 44	11 37	10 58	6 23	8 17
T 31	22n20	9s15	4n37	16n46	1s49	7n53	2s45	20n30	1n22	17s47	0n52	9n23	2n19	2s37	0n40	1s51	1s37	28n20	9n 0	11n47	11n38	10n56	6n23	8s16

Julian Day Number = 1981966.5, Delta T = 58m39s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'55, Lahiri = 5°56'56 Julian Calendar 1 May 714 == Greg. Calendar 5 May 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

JUNE 714 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 49 11	12♊35'03	19♏ 4	24♉ 8	27♈45	5♌29	22°R46	11♍40	8°R 5	29♓ 5	3♌ 5	29°R10	29♌41	2♍25	22♌17	F 1
S 2	16 53 7	13°32'12	2♐30	25°51	28°35	6° 5	22♏39	11°42	8♎ 4	29° 6	3° 6	28♌58	29°38	2°32	22°22	S 2
S 3	16 57 4	14°29'20	16°15	27°36	29°25	6°40	22°32	11°44	8° 4	29° 7	3° 8	28°47	29°35	2°39	22°26	S 3
M 4	17 1 0	15°26'28	0♑15	29°24	0♉16	7°16	22°26	11°47	8° 3	29° 7	3° 9	28°37	29°32	2°45	22°30	M 4
T 5	17 4 57	16°23'36	14°27	1♊15	1° 8	7°51	22°19	11°49	8° 3	29° 8	3°10	28°29	29°28	2°52	22°35	T 5
W 6	17 8 54	17°20'44	28°45	3° 9	2° 0	8°27	22°13	11°52	8° 2	29° 9	3°12	28°23	29°25	2°59	22°39	W 6
T 7	17 12 50	18°17'52	13♒ 4	5° 6	2°53	9° 2	22° 7	11°54	8° 2	29°10	3°13	28°21	29°22	3° 5	22°44	T 7
F 8	17 16 47	19°15'00	27°21	7° 4	3°47	9°38	22° 1	11°57	8° 2	29°11	3°15	28°D20	29°19	3°12	22°49	F 8
S 9	17 20 43	20°12'08	11♓33	9° 5	4°41	10°14	21°55	12° 0	8° 1	29°11	3°16	28°20	29°16	3°18	22°54	S 9
S 10	17 24 40	21° 9'17	25°40	11° 8	5°36	10°50	21°49	12° 3	8° 1	29°12	3°17	28°R20	29°13	3°25	22°58	S 10
M11	17 28 36	22° 6'26	9♈39	13°13	6°31	11°25	21°43	12° 6	8° 1	29°13	3°19	28°19	29° 9	3°32	23° 3	M11
T 12	17 32 33	23° 3'35	23°31	15°19	7°26	12° 1	21°37	12° 9	8° 1	29°13	3°20	28°16	29° 6	3°38	23° 8	T 12
W13	17 36 29	24° 0'44	7♉14	17°27	8°22	12°37	21°32	12°12	8°D 1	29°14	3°22	28°10	29° 3	3°45	23°14	W13
T 14	17 40 26	24°57'54	20°47	19°35	9°19	13°13	21°27	12°15	8° 1	29°14	3°23	28° 2	29° 0	3°52	23°19	T 14
F 15	17 44 23	25°55'05	4♊ 8	21°45	10°16	13°49	21°21	12°18	8° 1	29°15	3°25	27°52	28°57	3°58	23°24	F 15
S 16	17 48 19	26°52'15	17°16	23°54	11°13	14°26	21°16	12°22	8° 1	29°15	3°27	27°42	28°54	4° 5	23°29	S 16
S 17	17 52 16	27°49'26	0♋ 9	26° 4	12°11	15° 2	21°11	12°25	8° 1	29°16	3°28	27°32	28°50	4°12	23°35	S 17
M18	17 56 12	28°46'37	12°46	28°14	13° 9	15°38	21° 7	12°29	8° 2	29°16	3°30	27°23	28°47	4°18	23°40	M18
T 19	18 0 9	29°43'48	25° 9	0♋23	14° 8	16°14	21° 2	12°32	8° 2	29°16	3°31	27°16	28°44	4°25	23°46	T 19
W20	18 4 5	0♋41'00	7♌18	2°31	15° 7	16°51	20°58	12°36	8° 2	29°17	3°33	27°12	28°41	4°32	23°51	W20
T 21	18 8 2	1°38'12	19°17	4°39	16° 6	17°27	20°53	12°40	8° 3	29°17	3°35	27°10	28°38	4°38	23°57	T 21
F 22	18 11 59	2°35'23	1♍ 7	6°45	17° 6	18° 4	20°49	12°44	8° 3	29°17	3°36	27°D 9	28°34	4°45	24° 3	F 22
S 23	18 15 55	3°32'35	12°55	8°51	18° 6	18°40	20°45	12°48	8° 4	29°18	3°38	27°10	28°31	4°52	24° 8	S 23
S 24	18 19 52	4°29'47	24°44	10°55	19° 6	19°17	20°42	12°52	8° 4	29°18	3°40	27°11	28°28	4°58	24°14	S 24
M25	18 23 48	5°27'00	6♎41	12°57	20° 7	19°53	20°38	12°56	8° 5	29°18	3°41	27°R12	28°25	5° 5	24°20	M25
T 26	18 27 45	6°24'12	18°49	14°58	21° 8	20°30	20°34	13° 0	8° 5	29°18	3°43	27°11	28°22	5°11	24°26	T 26
W27	18 31 41	7°21'25	1♏14	16°58	22° 9	21° 7	20°31	13° 4	8° 6	29°18	3°45	27° 8	28°19	5°18	24°32	W27
T 28	18 35 38	8°18'38	14° 1	18°56	23°10	21°44	20°28	13° 9	8° 7	29°18	3°46	27° 4	28°15	5°25	24°38	T 28
F 29	18 39 34	9°15'52	27°11	20°52	24°12	22°21	20°25	13°13	8° 8	29°18	3°48	26°57	28°12	5°31	24°44	F 29
S 30	18 43 31	10♋13'06	10♐47	22♋46	25♉14	22♌57	20♏22	13♍18	8♎ 9	29°R18	3♌50	26♌50	28♌ 9	5♍38	24♌51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n28	12s50	4n57	17n22	1s38	8n 8	2s48	20n20	1n21	17s45	0n52	9n22	2n19	2s37	0n40	1s51	1s37	28n20	9n 0	11n51	11n40	10n55	6n22	8s15
S 2	22 35	15 53	5 1	17 57	1 26	8 23	2 51	20 11	1 21	17 44	0 52	9 21	2 19	2 37	0 40	1 50	1 37	28 20	8 59	11 55	11 41	10 53	6 22	8 14
S 3	22 42	18 7	4 48	18 33	1 15	8 38	2 53	20 1	1 20	17 42	0 51	9 20	2 19	2 37	0 40	1 50	1 37	28 19	8 59	11 59	11 42	10 52	6 21	8 13
M 4	22 48	19 19	4 18	19 8	1 3	8 54	2 56	19 52	1 19	17 41	0 51	9 19	2 18	2 37	0 39	1 50	1 37	28 19	8 59	12 2	11 43	10 50	6 21	8 12
T 5	22 54	19 19	3 31	19 43	0 52	9 10	2 58	19 42	1 19	17 39	0 51	9 18	2 18	2 37	0 39	1 50	1 37	28 18	8 59	12 5	11 44	10 48	6 20	8 11
W 6	23 0	18 6	2 30	20 17	0 40	9 27	3 0	19 32	1 18	17 38	0 51	9 17	2 18	2 36	0 39	1 49	1 37	28 18	8 59	12 7	11 45	10 47	6 19	8 11
T 7	23 5	15 44	1 20	20 50	0 28	9 43	3 1	19 22	1 18	17 36	0 51	9 16	2 18	2 36	0 39	1 49	1 37	28 17	8 59	12 8	11 46	10 45	6 19	8 10
F 8	23 10	12 24	0 5	21 22	0 17	10 0	3 3	19 12	1 17	17 35	0 50	9 15	2 18	2 36	0 39	1 49	1 37	28 17	8 59	12 8	11 47	10 44	6 18	8 9
S 9	23 14	8 21	1s10	21 53	0 5	10 17	3 4	19 2	1 16	17 34	0 50	9 13	2 17	2 36	0 39	1 49	1 37	28 16	8 59	12 8	11 49	10 42	6 17	8 8
S 10	23 18	3 53	2 20	22 22	0n 6	10 34	3 5	18 51	1 16	17 32	0 50	9 12	2 17	2 36	0 39	1 48	1 37	28 16	8 59	12 8	11 50	10 40	6 16	8 7
M11	23 22	0n46	3 22	22 49	0 17	10 51	3 7	18 41	1 15	17 31	0 50	9 11	2 17	2 36	0 39	1 48	1 37	28 16	8 59	12 8	11 51	10 39	6 15	8 6
T 12	23 25	5 19	4 10	23 15	0 28	11 8	3 7	18 30	1 15	17 30	0 50	9 9	2 17	2 36	0 39	1 48	1 37	28 15	8 58	12 10	11 52	10 37	6 15	8 6
W13	23 28	9 33	4 44	23 38	0 38	11 25	3 8	18 19	1 14	17 29	0 49	9 8	2 17	2 36	0 39	1 48	1 38	28 15	8 58	12 12	11 53	10 36	6 14	8 5
T 14	23 30	13 13	5 2	23 58	0 47	11 43	3 9	18 8	1 14	17 27	0 49	9 7	2 16	2 36	0 39	1 48	1 38	28 14	8 58	12 14	11 54	10 34	6 13	8 4
F 15	23 32	16 10	5 2	24 17	0 56	12 0	3 9	17 57	1 13	17 26	0 49	9 5	2 16	2 36	0 39	1 48	1 38	28 14	8 58	12 18	11 55	10 32	6 12	8 3
S 16	23 34	18 14	4 47	24 32	1 5	12 18	3 9	17 46	1 12	17 25	0 49	9 4	2 16	2 36	0 39	1 47	1 38	28 13	8 58	12 21	11 56	10 31	6 11	8 3
S 17	23 35	19 19	4 17	24 45	1 12	12 36	3 9	17 35	1 12	17 24	0 49	9 2	2 16	2 36	0 39	1 47	1 38	28 13	8 58	12 25	11 57	10 29	6 10	8 2
M18	23 36	19 25	3 35	24 55	1 19	12 53	3 9	17 23	1 11	17 23	0 48	9 1	2 16	2 37	0 39	1 47	1 38	28 12	8 58	12 28	11 59	10 28	6 9	8 1
T 19	23 36	18 35	2 43	25 2	1 26	13 11	3 9	17 12	1 11	17 22	0 48	8 59	2 15	2 37	0 39	1 47	1 38	28 12	8 58	12 30	12 0	10 26	6 8	8 0
W20	23 36	16 53	1 45	25 6	1 31	13 28	3 9	17 0	1 10	17 21	0 48	8 57	2 15	2 37	0 39	1 47	1 38	28 11	8 58	12 32	12 1	10 24	6 7	8 0
T 21	23 36	14 28	0 42	25 7	1 36	13 46	3 8	16 49	1 9	17 20	0 48	8 56	2 15	2 37	0 39	1 47	1 38	28 11	8 58	12 32	12 2	10 23	6 5	7 59
F 22	23 35	11 29	0n21	25 6	1 40	14 3	3 8	16 37	1 9	17 19	0 47	8 54	2 15	2 37	0 39	1 47	1 38	28 10	8 58	12 32	12 3	10 21	6 4	7 58
S 23	23 33	8 3	1 24	25 2	1 44	14 21	3 7	16 25	1 8	17 18	0 47	8 52	2 15	2 38	0 39	1 47	1 38	28 10	8 58	12 32	12 4	10 19	6 3	7 58
S 24	23 32	4 17	2 23	24 55	1 47	14 38	3 6	16 13	1 8	17 18	0 47	8 51	2 15	2 38	0 39	1 47	1 38	28 9	8 58	12 32	12 5	10 18	6 2	7 57
M25	23 29	0 20	3 17	24 46	1 49	14 55	3 5	16 1	1 7	17 17	0 47	8 49	2 14	2 38	0 39	1 47	1 38	28 9	8 58	12 32	12 6	10 16	6 1	7 56
T 26	23 27	3s41	4 2	24 35	1 50	15 12	3 4	15 48	1 7	17 16	0 46	8 47	2 14	2 38	0 39	1 47	1 38	28 9	8 57	12 32	12 7	10 15	5 59	7 56
W27	23 24	7 39	4 38	24 21	1 51	15 29	3 3	15 36	1 6	17 16	0 46	8 45	2 14	2 39	0 39	1 47	1 38	28 8	8 57	12 33	12 9	10 13	5 58	7 55
T 28	23 20	11 22	5 1	24 5	1 50	15 46	3 1	15 23	1 5	17 15	0 46	8 43	2 14	2 39	0 39	1 47	1 38	28 8	8 57	12 35	12 10	10 11	5 57	7 54
F 29	23 17	14 40	5 8	23 47	1 50	16 3	3 0	15 11	1 5	17 14	0 46	8 42	2 14	2 39	0 38	1 47	1 38	28 7	8 57	12 37	12 11	10 10	5 55	7 54
S 30	23n12	17s16	4n59	23n27	1n48	16n19	2s59	14n58	1n 4	17s14	0n46	8n40	2n14	2s40	0n38	1s47	1s39	28n 7	8n57	12n39	12n12	10n 8	5n54	7s53

Julian Day Number = 1981997.5, Delta T = 58m38s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°49'59, Lahiri = 5°57'00 Julian Calendar 1 June 714 == Greg. Calendar 5 June 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

JULY 714 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 47 28	11♋10'20	24♐46	24♋39	26♉17	23♌34	20°R20	13♍22	8♎ 9	29°R18	3♌52	26°R43	28♌ 6	5♍45	24♌57	S 1
M 2	18 51 24	12° 7'35	9♑ 6	26°30	27°19	24°11	20♏17	13°27	8°10	29♓18	3°53	26♌36	28° 3	5°51	25° 3	M 2
T 3	18 55 21	13° 4'51	23°40	28°19	28°22	24°48	20°15	13°32	8°11	29°18	3°55	26°31	28° 0	5°58	25° 9	T 3
W 4	18 59 17	14° 2'08	8♒22	0♌ 6	29°25	25°26	20°13	13°37	8°12	29°18	3°57	26°28	27°56	6° 5	25°16	W 4
T 5	19 3 14	14°59'26	23° 5	1°52	0♊29	26° 3	20°11	13°42	8°14	29°18	3°59	26°D27	27°53	6°11	25°22	T 5
F 6	19 7 10	15°56'44	7♓43	3°36	1°33	26°40	20°10	13°46	8°15	29°18	4° 1	26°27	27°50	6°18	25°29	F 6
S 7	19 11 7	16°54'04	22°11	5°19	2°36	27°17	20° 8	13°51	8°16	29°17	4° 2	26°28	27°47	6°25	25°35	S 7
S 8	19 15 3	17°51'25	6♈25	6°59	3°41	27°54	20° 7	13°57	8°17	29°17	4° 4	26°30	27°44	6°31	25°42	S 8
M 9	19 19 0	18°48'46	20°25	8°38	4°45	28°32	20° 6	14° 2	8°19	29°17	4° 6	26°R30	27°40	6°38	25°49	M 9
T 10	19 22 57	19°46'10	4♉ 9	10°16	5°50	29° 9	20° 5	14° 7	8°20	29°17	4° 8	26°29	27°37	6°45	25°55	T 10
W11	19 26 53	20°43'34	17°38	11°51	6°54	29°47	20° 4	14°12	8°21	29°16	4°10	26°27	27°34	6°51	26° 2	W11
T 12	19 30 50	21°41'00	0♊52	13°25	7°59	0♍24	20° 3	14°18	8°23	29°16	4°12	26°23	27°31	6°58	26° 9	T 12
F 13	19 34 46	22°38'27	13°52	14°57	9° 5	1° 2	20° 3	14°23	8°24	29°15	4°13	26°18	27°28	7° 4	26°16	F 13
S 14	19 38 43	23°35'56	26°38	16°28	10°10	1°39	20° 3	14°28	8°26	29°15	4°15	26°12	27°25	7°11	26°23	S 14
S 15	19 42 39	24°33'25	9♋12	17°57	11°16	2°17	20°D 3	14°34	8°27	29°14	4°17	26° 7	27°21	7°18	26°30	S 15
M16	19 46 36	25°30'56	21°33	19°24	12°21	2°55	20° 3	14°40	8°29	29°14	4°19	26° 2	27°18	7°24	26°37	M16
T 17	19 50 32	26°28'28	3♌43	20°49	13°27	3°33	20° 3	14°45	8°31	29°13	4°21	25°59	27°15	7°31	26°44	T 17
W18	19 54 29	27°26'01	15°43	22°13	14°34	4°11	20° 4	14°51	8°33	29°13	4°23	25°57	27°12	7°38	26°51	W18
T 19	19 58 26	28°23'35	27°36	23°34	15°40	4°48	20° 4	14°57	8°34	29°12	4°25	25°D57	27° 9	7°44	26°58	T 19
F 20	20 2 22	29°21'10	9♍25	24°54	16°46	5°26	20° 5	15° 3	8°36	29°12	4°27	25°58	27° 5	7°51	27° 5	F 20
S 21	20 6 19	0♌18'47	21°11	26°12	17°53	6° 4	20° 6	15° 8	8°38	29°11	4°28	25°59	27° 2	7°58	27°12	S 21
S 22	20 10 15	1°16'24	3♎ 0	27°28	19° 0	6°43	20° 8	15°14	8°40	29°10	4°30	26° 1	26°59	8° 4	27°19	S 22
M23	20 14 12	2°14'02	14°56	28°42	20° 7	7°21	20° 9	15°20	8°42	29°10	4°32	26° 2	26°56	8°11	27°26	M23
T 24	20 18 8	3°11'42	27° 3	29°54	21°14	7°59	20°11	15°26	8°44	29° 9	4°34	26° 3	26°53	8°18	27°34	T 24
W25	20 22 5	4° 9'22	9♏27	1♍ 4	22°21	8°37	20°12	15°33	8°46	29° 8	4°36	26°R 3	26°50	8°24	27°41	W25
T 26	20 26 1	5° 7'04	22°11	2°12	23°29	9°15	20°14	15°39	8°48	29° 7	4°38	26° 2	26°46	8°31	27°48	T 26
F 27	20 29 58	6° 4'47	5♐19	3°17	24°36	9°54	20°17	15°45	8°50	29° 6	4°40	26° 1	26°43	8°38	27°56	F 27
S 28	20 33 55	7° 2'31	18°54	4°20	25°44	10°32	20°19	15°51	8°53	29° 6	4°42	25°58	26°40	8°44	28° 3	S 28
S 29	20 37 51	8° 0'17	2♑56	5°21	26°52	11°10	20°22	15°57	8°55	29° 5	4°44	25°56	26°37	8°51	28°11	S 29
M30	20 41 48	8°58'04	17°22	6°18	28° 0	11°49	20°24	16° 4	8°57	29° 4	4°46	25°54	26°34	8°57	28°18	M30
T 31	20 45 44	9♌55'52	2♒ 9	7♍13	29♊ 8	12♍27	20♏27	16♍10	9♎ 0	29♓ 3	4♌47	25♌52	26♌31	9♍ 4	28♌25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 8	18s58	4n33	23n 5	1n47	16n35	2s57	14n45	1n 4	17s13	0n45	8n38	2n13	2s40	0n38	1s47	1s39	28n 6	8n57	12n42	12n13	10n 6	5n52	7s52
M 2	23 3	19 30	3 48	22 42	1 44	16 51	2 55	14 32	1 3	17 13	0 45	8 36	2 13	2 41	0 38	1 47	1 39	28 6	8 57	12 44	12 14	10 5	5 51	7 52
T 3	22 57	18 45	2 48	22 17	1 41	17 7	2 53	14 19	1 2	17 13	0 45	8 34	2 13	2 41	0 38	1 47	1 39	28 5	8 57	12 46	12 15	10 3	5 49	7 51
W 4	22 51	16 44	1 37	21 51	1 38	17 23	2 51	14 6	1 2	17 12	0 45	8 32	2 13	2 41	0 38	1 47	1 39	28 5	8 57	12 47	12 16	10 1	5 48	7 50
T 5	22 45	13 38	0 18	21 24	1 34	17 38	2 49	13 53	1 1	17 12	0 44	8 30	2 13	2 42	0 38	1 47	1 39	28 4	8 57	12 47	12 17	10 0	5 46	7 50
F 6	22 39	9 40	1s 1	20 55	1 29	17 53	2 47	13 40	1 1	17 12	0 44	8 28	2 13	2 42	0 38	1 48	1 39	28 4	8 57	12 47	12 18	9 58	5 45	7 49
S 7	22 32	5 12	2 15	20 26	1 24	18 8	2 45	13 26	1 0	17 12	0 44	8 26	2 13	2 43	0 38	1 48	1 39	28 3	8 57	12 47	12 20	9 56	5 43	7 49
S 8	22 24	0 30	3 20	19 55	1 19	18 22	2 43	13 13	1 0	17 11	0 44	8 24	2 12	2 44	0 38	1 48	1 39	28 3	8 57	12 46	12 21	9 55	5 41	7 48
M 9	22 16	4n 8	4 12	19 24	1 13	18 36	2 40	12 59	0 59	17 11	0 43	8 21	2 12	2 44	0 38	1 48	1 39	28 3	8 57	12 46	12 22	9 53	5 40	7 48
T 10	22 8	8 28	4 49	18 52	1 7	18 50	2 38	12 45	0 58	17 11	0 43	8 19	2 12	2 45	0 38	1 48	1 39	28 2	8 57	12 46	12 23	9 51	5 38	7 47
W11	22 0	12 17	5 8	18 19	1 0	19 4	2 35	12 32	0 58	17 11	0 43	8 17	2 12	2 45	0 38	1 48	1 39	28 2	8 57	12 47	12 24	9 50	5 36	7 47
T 12	21 51	15 24	5 11	17 46	0 53	19 17	2 33	12 18	0 57	17 11	0 43	8 15	2 12	2 46	0 38	1 49	1 39	28 1	8 57	12 49	12 25	9 48	5 35	7 46
F 13	21 41	17 42	4 57	17 12	0 46	19 29	2 30	12 4	0 57	17 12	0 42	8 13	2 12	2 46	0 38	1 49	1 39	28 1	8 57	12 50	12 26	9 46	5 33	7 45
S 14	21 32	19 4	4 29	16 37	0 38	19 42	2 27	11 50	0 56	17 12	0 42	8 10	2 12	2 47	0 38	1 49	1 39	28 0	8 57	12 52	12 27	9 45	5 31	7 45
S 15	21 21	19 29	3 48	16 3	0 31	19 54	2 25	11 36	0 55	17 12	0 42	8 8	2 11	2 48	0 38	1 49	1 39	28 0	8 57	12 54	12 28	9 43	5 29	7 44
M16	21 11	18 57	2 58	15 28	0 22	20 5	2 22	11 21	0 55	17 12	0 42	8 6	2 11	2 49	0 38	1 50	1 39	27 59	8 57	12 55	12 29	9 41	5 27	7 44
T 17	21 0	17 31	1 59	14 53	0 14	20 17	2 19	11 7	0 54	17 13	0 42	8 3	2 11	2 49	0 38	1 50	1 40	27 59	8 57	12 57	12 31	9 40	5 25	7 44
W18	20 49	15 21	0 56	14 17	0 5	20 27	2 16	10 53	0 54	17 13	0 41	8 1	2 11	2 50	0 38	1 50	1 40	27 59	8 57	12 57	12 32	9 38	5 23	7 43
T 19	20 37	12 32	0n 9	13 42	0s 4	20 38	2 13	10 38	0 53	17 13	0 41	7 59	2 11	2 51	0 38	1 50	1 40	27 58	8 57	12 57	12 33	9 36	5 22	7 43
F 20	20 26	9 14	1 13	13 7	0 13	20 47	2 10	10 24	0 53	17 14	0 41	7 56	2 11	2 51	0 38	1 51	1 40	27 58	8 58	12 57	12 34	9 35	5 20	7 42
S 21	20 13	5 35	2 15	12 31	0 22	20 57	2 7	10 9	0 52	17 14	0 41	7 54	2 11	2 52	0 38	1 51	1 40	27 57	8 58	12 57	12 35	9 33	5 18	7 42
S 22	20 1	1 42	3 10	11 56	0 32	21 6	2 3	9 54	0 51	17 15	0 40	7 52	2 11	2 53	0 38	1 51	1 40	27 57	8 58	12 56	12 36	9 31	5 16	7 41
M23	19 48	2s16	3 58	11 22	0 41	21 14	2 0	9 39	0 51	17 16	0 40	7 49	2 10	2 54	0 38	1 52	1 40	27 56	8 58	12 56	12 37	9 29	5 14	7 41
T 24	19 35	6 12	4 36	10 47	0 51	21 22	1 57	9 25	0 50	17 16	0 40	7 47	2 10	2 55	0 38	1 52	1 40	27 56	8 58	12 55	12 38	9 28	5 11	7 40
W25	19 21	9 57	5 3	10 13	1 1	21 30	1 53	9 10	0 50	17 17	0 40	7 44	2 10	2 56	0 37	1 52	1 40	27 56	8 58	12 55	12 39	9 26	5 9	7 40
T 26	19 7	13 22	5 15	9 39	1 11	21 36	1 50	8 55	0 49	17 18	0 39	7 42	2 10	2 56	0 37	1 53	1 40	27 55	8 58	12 56	12 40	9 24	5 7	7 40
F 27	18 53	16 13	5 12	9 6	1 21	21 43	1 47	8 39	0 48	17 18	0 39	7 39	2 10	2 57	0 37	1 53	1 40	27 55	8 58	12 56	12 42	9 23	5 5	7 39
S 28	18 38	18 18	4 51	8 34	1 32	21 49	1 43	8 24	0 48	17 19	0 39	7 37	2 10	2 58	0 37	1 54	1 40	27 54	8 58	12 57	12 43	9 21	5 3	7 39
S 29	18 23	19 22	4 13	8 2	1 42	21 54	1 40	8 9	0 47	17 20	0 39	7 34	2 10	2 59	0 37	1 54	1 40	27 54	8 58	12 58	12 44	9 19	5 1	7 39
M30	18 8	19 12	3 17	7 31	1 52	21 59	1 36	7 54	0 47	17 21	0 39	7 32	2 10	3 0	0 37	1 54	1 40	27 54	8 58	12 58	12 45	9 17	4 59	7 38
T 31	17n53	17s45	2n 8	7n 1	2s 3	22n 3	1s33	7n38	0n46	17s22	0n38	7n29	2n10	3s 1	0n37	1s55	1s40	27n53	8n58	12n59	12n46	9n16	4n56	7s38

Julian Day Number = 1982027.5, Delta T = 58m37s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'03, Lahiri = 5°57'04 Julian Calendar 1 July 714 == Greg. Calendar 5 July 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

AUGUST 714 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 49 41	10♌53'41	17♒ 8	8♍ 5	0♋17	13♍ 6	20♏30	16♍17	9♎ 2	29°R 2	4♌49	25°R51	26♌27	9♍11	28♌33	W 1
T 2	20 53 37	11°51'32	2♓12	8°54	1°25	13°45	20°33	16°23	9° 4	29♓ 1	4°51	25°D51	26°24	9°17	28°40	T 2
F 3	20 57 34	12°49'25	17°11	9°40	2°34	14°23	20°37	16°30	9° 7	29° 0	4°53	25♌52	26°21	9°24	28°48	F 3
S 4	21 1 30	13°47'20	1♈59	10°21	3°43	15° 2	20°40	16°36	9° 9	28°59	4°55	25°53	26°18	9°31	28°55	S 4
S 5	21 5 27	14°45'16	16°30	11° 0	4°52	15°41	20°44	16°43	9°12	28°58	4°57	25°53	26°15	9°37	29° 3	S 5
M 6	21 9 24	15°43'14	0♉39	11°34	6° 1	16°20	20°48	16°49	9°14	28°57	4°59	25°54	26°11	9°44	29°11	M 6
T 7	21 13 20	16°41'15	14°26	12° 4	7°10	16°59	20°52	16°56	9°17	28°56	5° 1	25°R54	26° 8	9°51	29°18	T 7
W 8	21 17 17	17°39'17	27°51	12°29	8°19	17°38	20°56	17° 3	9°20	28°54	5° 2	25°54	26° 5	9°57	29°26	W 8
T 9	21 21 13	18°37'21	10♊55	12°50	9°29	18°17	21° 1	17° 9	9°22	28°53	5° 4	25°54	26° 2	10° 4	29°34	T 9
F 10	21 25 10	19°35'28	23°41	13° 6	10°38	18°56	21° 5	17°16	9°25	28°52	5° 6	25°53	25°59	10°11	29°41	F 10
S 11	21 29 6	20°33'36	6♋11	13°16	11°48	19°35	21°10	17°23	9°28	28°51	5° 8	25°52	25°56	10°17	29°49	S 11
S 12	21 33 3	21°31'47	18°29	13°R21	12°58	20°14	21°15	17°30	9°31	28°50	5°10	25°52	25°52	10°24	29°57	S 12
M13	21 36 59	22°29'59	0♌36	13°19	14° 8	20°53	21°20	17°37	9°33	28°48	5°12	25°51	25°49	10°31	0♍ 4	M13
T 14	21 40 56	23°28'13	12°34	13°12	15°18	21°32	21°25	17°44	9°36	28°47	5°13	25°51	25°46	10°37	0°12	T 14
W15	21 44 53	24°26'29	24°27	12°58	16°28	22°12	21°31	17°51	9°39	28°46	5°15	25°D51	25°43	10°44	0°20	W15
T 16	21 48 49	25°24'47	6♍16	12°38	17°38	22°51	21°36	17°58	9°42	28°44	5°17	25°R51	25°40	10°51	0°27	T 16
F 17	21 52 46	26°23'06	18° 3	12°11	18°49	23°31	21°42	18° 5	9°45	28°43	5°19	25°51	25°37	10°57	0°35	F 17
S 18	21 56 42	27°21'28	29°51	11°38	19°59	24°10	21°48	18°12	9°48	28°42	5°21	25°51	25°33	11° 4	0°43	S 18
S 19	22 0 39	28°19'51	11♎42	10°59	21°10	24°50	21°54	18°19	9°51	28°40	5°22	25°51	25°30	11°10	0°51	S 19
M20	22 4 35	29°18'16	23°40	10°14	22°20	25°29	22° 0	18°26	9°54	28°39	5°24	25°50	25°27	11°17	0°59	M20
T 21	22 8 32	0♍16'42	5♏49	9°23	23°31	26° 9	22° 7	18°33	9°57	28°38	5°26	25°50	25°24	11°24	1° 6	T 21
W22	22 12 28	1°15'11	18°11	8°28	24°42	26°49	22°13	18°40	10° 0	28°36	5°28	25°50	25°21	11°30	1°14	W22
T 23	22 16 25	2°13'41	0♐52	7°29	25°53	27°28	22°20	18°47	10° 3	28°35	5°29	25°D49	25°17	11°37	1°22	T 23
F 24	22 20 21	3°12'12	13°54	6°27	27° 4	28° 8	22°26	18°54	10° 7	28°33	5°31	25°50	25°14	11°44	1°30	F 24
S 25	22 24 18	4°10'46	27°21	5°24	28°15	28°48	22°33	19° 2	10°10	28°32	5°33	25°50	25°11	11°50	1°37	S 25
S 26	22 28 15	5° 9'21	11♑14	4°21	29°27	29°28	22°40	19° 9	10°13	28°30	5°34	25°51	25° 8	11°57	1°45	S 26
M27	22 32 11	6° 7'58	25°34	3°20	0♌38	0♎ 8	22°48	19°16	10°16	28°29	5°36	25°52	25° 5	12° 4	1°53	M27
T 28	22 36 8	7° 6'36	10♒17	2°22	1°50	0°48	22°55	19°23	10°20	28°27	5°38	25°52	25° 2	12°10	2° 1	T 28
W29	22 40 4	8° 5'17	25°19	1°28	3° 1	1°28	23° 2	19°30	10°23	28°26	5°39	25°R53	24°58	12°17	2° 8	W29
T 30	22 44 1	9° 3'59	10♓31	0°41	4°13	2° 8	23°10	19°38	10°26	28°24	5°41	25°52	24°55	12°24	2°16	T 30
F 31	22 47 57	10♍ 2'44	25♓44	0♍ 1	5♌25	2♎49	23♏18	19♍45	10♎30	28♓23	5♌43	25♌51	24♌52	12♍30	2♍24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n37	15s 3	0n48	6n32	2s13	22n 7	1s29	7n23	0n45	17s23	0n38	7n26	2n10	3s 2	0n37	1s55	1s40	27n53	8n58	12n59	12n47	9n14	4n54	7s38
T 2	17 21	11 19	0s35	6 4	2 24	22 10	1 26	7 7	0 45	17 24	0 38	7 24	2 10	3 3	0 37	1 56	1 40	27 52	8 59	12 59	12 48	9 12	4 52	7 37
F 3	17 5	6 52	1 56	5 38	2 34	22 12	1 22	6 52	0 44	17 25	0 38	7 21	2 9	3 4	0 37	1 56	1 40	27 52	8 59	12 59	12 49	9 11	4 50	7 37
S 4	16 48	2 4	3 7	5 12	2 44	22 14	1 19	6 36	0 44	17 27	0 37	7 18	2 9	3 5	0 37	1 57	1 40	27 52	8 59	12 59	12 50	9 9	4 47	7 37
S 5	16 31	2n45	4 6	4 49	2 54	22 16	1 15	6 21	0 43	17 28	0 37	7 16	2 9	3 6	0 37	1 57	1 41	27 51	8 59	12 59	12 51	9 7	4 45	7 36
M 6	16 14	7 17	4 47	4 27	3 4	22 17	1 11	6 5	0 42	17 29	0 37	7 13	2 9	3 7	0 37	1 58	1 41	27 51	8 59	12 58	12 52	9 5	4 43	7 36
T 7	15 57	11 19	5 11	4 7	3 13	22 17	1 8	5 49	0 42	17 30	0 37	7 10	2 9	3 8	0 37	1 58	1 41	27 51	8 59	12 58	12 53	9 4	4 40	7 36
W 8	15 39	14 40	5 17	3 48	3 22	22 16	1 4	5 33	0 41	17 32	0 36	7 8	2 9	3 9	0 37	1 59	1 41	27 50	8 59	12 58	12 55	9 2	4 38	7 36
T 9	15 21	17 10	5 7	3 32	3 31	22 15	1 1	5 17	0 41	17 33	0 36	7 5	2 9	3 10	0 37	1 59	1 41	27 50	8 59	12 58	12 56	9 0	4 36	7 35
F 10	15 3	18 46	4 41	3 19	3 39	22 14	0 57	5 1	0 40	17 34	0 36	7 2	2 9	3 11	0 37	2 0	1 41	27 49	8 59	12 59	12 57	8 58	4 33	7 35
S 11	14 44	19 25	4 2	3 8	3 47	22 11	0 53	4 45	0 40	17 36	0 36	7 0	2 9	3 13	0 37	2 0	1 41	27 49	9 0	12 59	12 58	8 57	4 31	7 35
S 12	14 25	19 8	3 13	2 59	3 54	22 8	0 50	4 29	0 39	17 37	0 36	6 57	2 9	3 14	0 37	2 1	1 41	27 49	9 0	12 59	12 59	8 55	4 28	7 35
M13	14 6	17 57	2 16	2 54	4 0	22 5	0 46	4 13	0 38	17 39	0 35	6 54	2 9	3 15	0 37	2 1	1 41	27 48	9 0	12 59	13 0	8 53	4 26	7 34
T 14	13 47	15 59	1 13	2 52	4 6	22 1	0 43	3 57	0 38	17 41	0 35	6 51	2 9	3 16	0 37	2 2	1 41	27 48	9 0	12 59	13 1	8 51	4 23	7 34
W15	13 28	13 20	0 8	2 53	4 10	21 56	0 39	3 41	0 37	17 42	0 35	6 49	2 9	3 17	0 37	2 2	1 41	27 48	9 0	12 59	13 2	8 50	4 21	7 34
T 16	13 8	10 10	0n58	2 58	4 13	21 51	0 35	3 25	0 37	17 44	0 35	6 46	2 9	3 18	0 37	2 3	1 41	27 47	9 0	12 59	13 3	8 48	4 18	7 34
F 17	12 48	6 36	2 0	3 6	4 15	21 45	0 32	3 9	0 36	17 46	0 35	6 43	2 9	3 20	0 37	2 3	1 41	27 47	9 0	12 59	13 4	8 46	4 16	7 34
S 18	12 28	2 47	2 58	3 18	4 16	21 38	0 28	2 52	0 35	17 47	0 34	6 40	2 9	3 21	0 37	2 4	1 41	27 47	9 1	12 59	13 5	8 44	4 13	7 34
S 19	12 8	1s 9	3 48	3 35	4 14	21 31	0 25	2 36	0 35	17 49	0 34	6 37	2 9	3 22	0 37	2 5	1 41	27 47	9 1	12 59	13 6	8 43	4 11	7 33
M20	11 48	5 5	4 29	3 54	4 11	21 23	0 21	2 20	0 34	17 51	0 34	6 34	2 9	3 23	0 37	2 5	1 41	27 46	9 1	13 0	13 8	8 41	4 8	7 33
T 21	11 27	8 51	4 59	4 18	4 7	21 15	0 18	2 3	0 34	17 53	0 34	6 32	2 8	3 24	0 37	2 6	1 41	27 46	9 1	13 0	13 9	8 39	4 6	7 33
W22	11 6	12 19	5 15	4 45	4 0	21 6	0 14	1 47	0 33	17 55	0 34	6 29	2 8	3 26	0 37	2 6	1 41	27 46	9 1	13 0	13 10	8 37	4 3	7 33
T 23	10 45	15 18	5 17	5 15	3 51	20 56	0 11	1 30	0 32	17 56	0 33	6 26	2 8	3 27	0 37	2 7	1 41	27 45	9 2	13 0	13 11	8 36	4 0	7 33
F 24	10 24	17 37	5 2	5 48	3 41	20 46	0 7	1 14	0 32	17 58	0 33	6 23	2 8	3 28	0 37	2 8	1 41	27 45	9 2	13 0	13 12	8 34	3 58	7 33
S 25	10 3	19 4	4 31	6 22	3 28	20 35	0 4	0 57	0 31	18 0	0 33	6 20	2 8	3 30	0 37	2 8	1 41	27 45	9 2	13 0	13 13	8 32	3 55	7 33
S 26	9 41	19 25	3 43	6 59	3 14	20 24	0 1	0 41	0 31	18 2	0 33	6 17	2 8	3 31	0 37	2 9	1 41	27 45	9 2	12 59	13 14	8 30	3 52	7 33
M27	9 19	18 33	2 41	7 36	2 58	20 12	0n 3	0 24	0 30	18 4	0 33	6 15	2 8	3 32	0 37	2 9	1 41	27 44	9 2	12 59	13 15	8 28	3 50	7 33
T 28	8 58	16 25	1 26	8 13	2 40	19 59	0 6	0 8	0 29	18 6	0 32	6 12	2 8	3 33	0 36	2 10	1 41	27 44	9 3	12 59	13 16	8 27	3 47	7 33
W29	8 36	13 7	0 3	8 49	2 22	19 46	0 9	0s 9	0 29	18 8	0 32	6 9	2 8	3 35	0 36	2 11	1 41	27 44	9 3	12 59	13 17	8 25	3 44	7 33
T 30	8 13	8 55	1s20	9 24	2 3	19 32	0 13	0 26	0 28	18 11	0 32	6 6	2 8	3 36	0 36	2 11	1 41	27 44	9 3	12 59	13 18	8 23	3 42	7 33
F 31	7n51	4s 7	2s38	9n56	1s43	19n18	0n16	0s42	0n27	18s13	0n32	6n 3	2n 8	3s37	0n36	2s12	1s41	27n44	9n 3	12n59	13n19	8n21	3n39	7s32

Julian Day Number = 1982058.5, Delta T = 58m37s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'08, Lahiri = 5°57'08 Julian Calendar 1 Aug. 714 == Greg. Calendar 5 Aug. 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

SEPTEMBER 714 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 51 54	11♍ 1'30	10♈49	29°R29	6♌37	3♎29	23♏26	19♍52	10♎33	28°R21	5♌44	25°R50	24♌49	12♍37	2♍32	S 1
S 2	22 55 50	12° 0'19	25°36	29♌ 7	7°49	4° 9	23°34	20° 0	10°36	28♓19	5°46	25♌48	24°46	12°44	2°39	S 2
M 3	22 59 47	12°59'10	10♉ 0	28°54	9° 1	4°49	23°42	20° 7	10°40	28°18	5°48	25°46	24°42	12°50	2°47	M 3
T 4	23 3 44	13°58'03	23°56	28°D51	10°13	5°30	23°50	20°14	10°43	28°16	5°49	25°44	24°39	12°57	2°55	T 4
W 5	23 7 40	14°56'59	7♊26	28°58	11°25	6°10	23°59	20°22	10°47	28°15	5°51	25°43	24°36	13° 4	3° 3	W 5
T 6	23 11 37	15°55'58	20°29	29°16	12°37	6°51	24° 7	20°29	10°50	28°13	5°52	25°D43	24°33	13°10	3°10	T 6
F 7	23 15 33	16°54'58	3♋10	29°43	13°50	7°32	24°16	20°36	10°54	28°11	5°54	25°44	24°30	13°17	3°18	F 7
S 8	23 19 30	17°54'01	15°33	0♍20	15° 2	8°12	24°25	20°44	10°57	28°10	5°55	25°45	24°27	13°23	3°26	S 8
S 9	23 23 26	18°53'06	27°41	1° 5	16°15	8°53	24°33	20°51	11° 1	28° 8	5°57	25°47	24°23	13°30	3°33	S 9
M10	23 27 23	19°52'14	9♌38	1°59	17°28	9°34	24°42	20°58	11° 4	28° 6	5°58	25°48	24°20	13°37	3°41	M10
T 11	23 31 19	20°51'24	21°29	3° 0	18°40	10°14	24°52	21° 6	11° 8	28° 5	6° 0	25°R49	24°17	13°43	3°48	T 11
W12	23 35 16	21°50'36	3♍17	4° 8	19°53	10°55	25° 1	21°13	11°12	28° 3	6° 1	25°49	24°14	13°50	3°56	W12
T 13	23 39 12	22°49'50	15° 4	5°22	21° 6	11°36	25°10	21°20	11°15	28° 1	6° 2	25°47	24°11	13°57	4° 4	T 13
F 14	23 43 9	23°49'06	26°53	6°41	22°19	12°17	25°20	21°28	11°19	28° 0	6° 4	25°45	24° 8	14° 3	4°11	F 14
S 15	23 47 6	24°48'25	8♎46	8° 5	23°32	12°58	25°29	21°35	11°23	27°58	6° 5	25°40	24° 4	14°10	4°19	S 15
S 16	23 51 2	25°47'45	20°44	9°34	24°45	13°39	25°39	21°42	11°26	27°56	6° 7	25°35	24° 1	14°17	4°26	S 16
M17	23 54 59	26°47'08	2♏50	11° 5	25°58	14°21	25°49	21°50	11°30	27°55	6° 8	25°29	23°58	14°23	4°34	M17
T 18	23 58 55	27°46'32	15° 5	12°39	27°12	15° 2	25°59	21°57	11°34	27°53	6° 9	25°24	23°55	14°30	4°41	T 18
W19	0 2 52	28°45'59	27°33	14°16	28°25	15°43	26° 9	22° 4	11°37	27°51	6°10	25°19	23°52	14°37	4°48	W19
T 20	0 6 48	29°45'27	10♐14	15°54	29°38	16°24	26°19	22°12	11°41	27°50	6°12	25°16	23°48	14°43	4°56	T 20
F 21	0 10 45	0♎44'57	23°13	17°34	0♍52	17° 6	26°29	22°19	11°45	27°48	6°13	25°15	23°45	14°50	5° 3	F 21
S 22	0 14 41	1°44'29	6♑32	19°15	2° 5	17°47	26°39	22°26	11°48	27°46	6°14	25°D14	23°42	14°57	5°11	S 22
S 23	0 18 38	2°44'03	20°14	20°57	3°19	18°29	26°50	22°34	11°52	27°45	6°15	25°15	23°39	15° 3	5°18	S 23
M24	0 22 35	3°43'39	4♒19	22°40	4°33	19°10	27° 0	22°41	11°56	27°43	6°17	25°17	23°36	15°10	5°25	M24
T 25	0 26 31	4°43'16	18°47	24°23	5°46	19°52	27°11	22°48	12° 0	27°41	6°18	25°R18	23°33	15°17	5°32	T 25
W26	0 30 28	5°42'55	3♓36	26° 6	7° 0	20°33	27°22	22°55	12° 3	27°40	6°19	25°18	23°29	15°23	5°39	W26
T 27	0 34 24	6°42'36	18°39	27°49	8°14	21°15	27°33	23° 3	12° 7	27°38	6°20	25°16	23°26	15°30	5°47	T 27
F 28	0 38 21	7°42'19	3♈50	29°32	9°28	21°57	27°43	23°10	12°11	27°36	6°21	25°12	23°23	15°37	5°54	F 28
S 29	0 42 17	8°42'04	18°57	1♎15	10°42	22°39	27°54	23°17	12°15	27°35	6°22	25° 6	23°20	15°43	6° 1	S 29
S 30	0 46 14	9♎41'51	3♉52	2♎57	11♍56	23♎21	28♏ 6	23♍24	12♎18	27♓33	6♌23	24♌59	23♌17	15♍50	6♍ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n29	0n52	3s44	10n26	1s23	19n 3	0n19	0s59	0n27	18s15	0n32	6n 0	2n 8	3s39	0n36	2s13	1s42	27n43	9n 3	13n 0	13n20	8n20	3n36	7s32
S 2	7 6	5 43	4 34	10 53	1 3	18 48	0 22	1 16	0 26	18 17	0 31	5 57	2 8	3 40	0 36	2 13	1 42	27 43	9 4	13 1	13 21	8 18	3 33	7 32
M 3	6 44	10 6	5 5	11 15	0 44	18 32	0 25	1 32	0 26	18 19	0 31	5 54	2 8	3 42	0 36	2 14	1 42	27 43	9 4	13 1	13 23	8 16	3 31	7 32
T 4	6 21	13 47	5 16	11 34	0 25	18 15	0 28	1 49	0 25	18 22	0 31	5 51	2 8	3 43	0 36	2 15	1 42	27 43	9 4	13 2	13 24	8 14	3 28	7 33
W 5	5 58	16 36	5 10	11 48	0 7	17 58	0 31	2 6	0 24	18 24	0 31	5 49	2 8	3 44	0 36	2 15	1 42	27 43	9 4	13 2	13 25	8 12	3 25	7 33
T 6	5 35	18 29	4 47	11 58	0n10	17 41	0 34	2 22	0 24	18 26	0 31	5 46	2 8	3 46	0 36	2 16	1 42	27 42	9 5	13 2	13 26	8 11	3 22	7 33
F 7	5 12	19 23	4 11	12 3	0 25	17 22	0 37	2 39	0 23	18 28	0 30	5 43	2 8	3 47	0 36	2 17	1 42	27 42	9 5	13 2	13 27	8 9	3 20	7 33
S 8	4 49	19 18	3 24	12 3	0 40	17 4	0 39	2 56	0 23	18 31	0 30	5 40	2 8	3 49	0 36	2 17	1 42	27 42	9 5	13 1	13 28	8 7	3 17	7 33
S 9	4 26	18 20	2 29	11 59	0 53	16 45	0 42	3 12	0 22	18 33	0 30	5 37	2 8	3 50	0 36	2 18	1 42	27 42	9 5	13 1	13 29	8 5	3 14	7 33
M10	4 2	16 33	1 28	11 51	1 5	16 25	0 45	3 29	0 21	18 35	0 30	5 34	2 8	3 51	0 36	2 19	1 42	27 42	9 5	13 0	13 30	8 3	3 11	7 33
T 11	3 39	14 4	0 24	11 39	1 16	16 5	0 48	3 46	0 21	18 38	0 30	5 31	2 8	3 53	0 36	2 19	1 42	27 42	9 6	13 0	13 31	8 2	3 9	7 33
W12	3 15	11 0	0n41	11 23	1 25	15 45	0 50	4 3	0 20	18 40	0 30	5 28	2 9	3 54	0 36	2 20	1 42	27 42	9 6	13 0	13 32	8 0	3 6	7 33
T 13	2 52	7 31	1 44	11 3	1 33	15 24	0 53	4 19	0 20	18 43	0 29	5 25	2 9	3 56	0 36	2 21	1 42	27 41	9 6	13 1	13 33	7 58	3 3	7 33
F 14	2 28	3 44	2 42	10 40	1 40	15 2	0 55	4 36	0 19	18 45	0 29	5 23	2 9	3 57	0 36	2 21	1 42	27 41	9 7	13 2	13 34	7 56	3 0	7 33
S 15	2 5	0s13	3 34	10 13	1 45	14 40	0 57	4 53	0 18	18 48	0 29	5 20	2 9	3 59	0 36	2 22	1 42	27 41	9 7	13 3	13 35	7 54	2 57	7 33
S 16	1 41	4 11	4 17	9 44	1 50	14 18	1 0	5 9	0 18	18 50	0 29	5 17	2 9	4 0	0 36	2 23	1 42	27 41	9 7	13 5	13 36	7 52	2 54	7 34
M17	1 17	8 1	4 48	9 12	1 53	13 55	1 2	5 26	0 17	18 53	0 29	5 14	2 9	4 1	0 36	2 23	1 42	27 41	9 7	13 7	13 37	7 51	2 52	7 34
T 18	0 53	11 35	5 7	8 38	1 55	13 32	1 4	5 42	0 16	18 55	0 29	5 11	2 9	4 3	0 36	2 24	1 42	27 41	9 8	13 8	13 38	7 49	2 49	7 34
W19	0 30	14 41	5 12	8 2	1 57	13 8	1 6	5 59	0 16	18 58	0 28	5 8	2 9	4 4	0 36	2 25	1 42	27 41	9 8	13 10	13 40	7 47	2 46	7 34
T 20	0 6	17 10	5 2	7 24	1 57	12 45	1 8	6 16	0 15	19 0	0 28	5 5	2 9	4 6	0 36	2 25	1 42	27 41	9 8	13 11	13 41	7 45	2 43	7 34
F 21	0s18	18 50	4 36	6 44	1 57	12 20	1 10	6 32	0 15	19 3	0 28	5 2	2 9	4 7	0 36	2 26	1 42	27 41	9 8	13 12	13 42	7 43	2 40	7 34
S 22	0 42	19 32	3 55	6 4	1 56	11 56	1 12	6 49	0 14	19 5	0 28	5 0	2 9	4 9	0 36	2 27	1 42	27 41	9 9	13 12	13 43	7 41	2 38	7 35
S 23	1 6	19 7	2 59	5 22	1 55	11 31	1 14	7 5	0 13	19 8	0 28	4 57	2 9	4 10	0 36	2 27	1 42	27 41	9 9	13 11	13 44	7 40	2 35	7 35
M24	1 29	17 30	1 52	4 39	1 52	11 5	1 16	7 22	0 13	19 11	0 28	4 54	2 9	4 12	0 36	2 28	1 42	27 41	9 9	13 11	13 45	7 38	2 32	7 35
T 25	1 53	14 44	0 35	3 56	1 50	10 40	1 18	7 38	0 12	19 13	0 27	4 51	2 9	4 13	0 36	2 29	1 42	27 41	9 10	13 11	13 46	7 36	2 29	7 35
W26	2 17	10 57	0s45	3 11	1 47	10 14	1 19	7 54	0 11	19 16	0 27	4 48	2 9	4 15	0 36	2 29	1 42	27 41	9 10	13 11	13 47	7 34	2 26	7 36
T 27	2 41	6 25	2 3	2 27	1 43	9 47	1 21	8 11	0 11	19 18	0 27	4 45	2 9	4 16	0 36	2 30	1 42	27 41	9 10	13 11	13 48	7 32	2 23	7 36
F 28	3 5	1 26	3 14	1 42	1 39	9 21	1 22	8 27	0 10	19 21	0 27	4 43	2 9	4 18	0 36	2 31	1 42	27 41	9 10	13 13	13 49	7 30	2 21	7 36
S 29	3 28	3n37	4 10	0 56	1 34	8 54	1 24	8 43	0 10	19 24	0 27	4 40	2 10	4 19	0 36	2 31	1 42	27 41	9 11	13 15	13 50	7 29	2 18	7 36
S 30	3s52	8n22	4s48	0n11	1n29	8n27	1n25	8s59	0n 9	19s26	0n27	4n37	2n10	4s21	0n36	2s32	1s42	27n41	9n11	13n17	13n51	7n27	2n15	7s37

Julian Day Number = 1982089.5, Delta T = 58m36s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'12, Lahiri = 5°57'12 Julian Calendar 1 Sept. 714 == Greg. Calendar 5 Sept. 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

OCTOBER 714 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 50 10	10♎41'40	18♉25	4♎40	13♍10	24♎ 3	28♏17	23♍31	12♎22	27°R31	6♌24	24°R52	23♌14	15♍57	6♍15	M 1
T 2	0 54 7	11°41'31	2♊32	6°21	14°24	24°45	28°28	23°39	12°26	27♓30	6°25	24♌46	23°10	16° 3	6°22	T 2
W 3	0 58 4	12°41'25	16° 9	8° 3	15°38	25°27	28°39	23°46	12°30	27°28	6°26	24°41	23° 7	16°10	6°29	W 3
T 4	1 2 0	13°41'21	29°18	9°44	16°52	26° 9	28°51	23°53	12°33	27°27	6°27	24°37	23° 4	16°16	6°36	T 4
F 5	1 5 57	14°41'19	12♋ 1	11°24	18° 6	26°51	29° 2	24° 0	12°37	27°25	6°28	24°D36	23° 1	16°23	6°42	F 5
S 6	1 9 53	15°41'20	24°23	13° 5	19°21	27°33	29°14	24° 7	12°41	27°23	6°29	24°37	22°58	16°30	6°49	S 6
S 7	1 13 50	16°41'22	6♌28	14°44	20°35	28°15	29°25	24°14	12°45	27°22	6°30	24°38	22°54	16°36	6°56	S 7
M 8	1 17 46	17°41'27	18°22	16°23	21°49	28°58	29°37	24°21	12°48	27°20	6°30	24°39	22°51	16°43	7° 3	M 8
T 9	1 21 43	18°41'34	0♍10	18° 2	23° 4	29°40	29°49	24°28	12°52	27°19	6°31	24°R39	22°48	16°50	7° 9	T 9
W10	1 25 39	19°41'43	11°57	19°40	24°18	0♏22	0♐ 1	24°35	12°56	27°17	6°32	24°37	22°45	16°56	7°16	W10
T 11	1 29 36	20°41'55	23°45	21°18	25°33	1° 5	0°13	24°42	13° 0	27°16	6°33	24°33	22°42	17° 3	7°22	T 11
F 12	1 33 32	21°42'08	5♎39	22°55	26°48	1°48	0°25	24°48	13° 4	27°14	6°33	24°26	22°39	17°10	7°29	F 12
S 13	1 37 29	22°42'23	17°39	24°32	28° 2	2°30	0°37	24°55	13° 7	27°13	6°34	24°17	22°35	17°16	7°35	S 13
S 14	1 41 26	23°42'40	29°49	26° 9	29°17	3°13	0°49	25° 2	13°11	27°11	6°35	24° 6	22°32	17°23	7°41	S 14
M15	1 45 22	24°42'58	12♏ 8	27°45	0♎31	3°56	1° 1	25° 9	13°15	27°10	6°35	23°54	22°29	17°30	7°48	M15
T 16	1 49 19	25°43'19	24°38	29°20	1°46	4°38	1°14	25°15	13°18	27° 8	6°36	23°42	22°26	17°36	7°54	T 16
W17	1 53 15	26°43'41	7♐19	0♏56	3° 1	5°21	1°26	25°22	13°22	27° 7	6°36	23°32	22°23	17°43	8° 0	W17
T 18	1 57 12	27°44'05	20°11	2°30	4°16	6° 4	1°38	25°29	13°26	27° 6	6°37	23°24	22°19	17°50	8° 6	T 18
F 19	2 1 8	28°44'30	3♑16	4° 5	5°31	6°47	1°51	25°35	13°29	27° 4	6°38	23°19	22°16	17°56	8°12	F 19
S 20	2 5 5	29°44'57	16°35	5°39	6°45	7°30	2° 4	25°42	13°33	27° 3	6°38	23°16	22°13	18° 3	8°18	S 20
S 21	2 9 1	0♏45'25	0♒11	7°13	8° 0	8°13	2°16	25°48	13°37	27° 1	6°38	23°D15	22°10	18°10	8°24	S 21
M22	2 12 58	1°45'55	14° 3	8°47	9°15	8°56	2°29	25°55	13°40	27° 0	6°39	23°15	22° 7	18°16	8°30	M22
T 23	2 16 55	2°46'25	28°13	10°20	10°30	9°39	2°42	26° 1	13°44	26°59	6°39	23°R15	22° 4	18°23	8°36	T 23
W24	2 20 51	3°46'57	12♓41	11°53	11°45	10°22	2°54	26° 7	13°48	26°58	6°40	23°14	22° 0	18°30	8°42	W24
T 25	2 24 48	4°47'31	27°23	13°26	13° 0	11° 6	3° 7	26°14	13°51	26°56	6°40	23°10	21°57	18°36	8°47	T 25
F 26	2 28 44	5°48'06	12♈14	14°59	14°15	11°49	3°20	26°20	13°55	26°55	6°40	23° 4	21°54	18°43	8°53	F 26
S 27	2 32 41	6°48'42	27° 7	16°31	15°30	12°32	3°33	26°26	13°58	26°54	6°41	22°54	21°51	18°50	8°58	S 27
S 28	2 36 37	7°49'19	11♉52	18° 3	16°45	13°16	3°46	26°32	14° 2	26°53	6°41	22°43	21°48	18°56	9° 4	S 28
M29	2 40 34	8°49'59	26°22	19°35	18° 0	13°59	3°59	26°38	14° 5	26°52	6°41	22°31	21°45	19° 3	9° 9	M29
T 30	2 44 30	9°50'39	10♊29	21° 6	19°16	14°43	4°12	26°45	14° 9	26°50	6°41	22°20	21°41	19°10	9°14	T 30
W31	2 48 27	10♏51'22	24♊10	22♏38	20♎31	15♏26	4♐25	26♍51	14♎12	26♓49	6♌41	22♌11	21♌38	19♍16	9♍19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s16	12n31	5s 7	0s34	1n24	7n59	1n26	9s16	0n 8	19s29	0n27	4n34	2n10	4s22	0n36	2s33	1s42	27n41	9n11	13n19	13n52	7n25	2n12	7s37
T 2	4 39	15 48	5 6	1 20	1 19	7 32	1 28	9 32	0 8	19 32	0 26	4 32	2 10	4 24	0 36	2 33	1 42	27 41	9 12	13 21	13 53	7 23	2 9	7 37
W 3	5 3	18 7	4 48	2 5	1 14	7 4	1 29	9 48	0 7	19 34	0 26	4 29	2 10	4 25	0 36	2 34	1 42	27 41	9 12	13 23	13 54	7 21	2 7	7 38
T 4	5 26	19 22	4 14	2 51	1 8	6 36	1 30	10 4	0 7	19 37	0 26	4 26	2 10	4 27	0 36	2 35	1 42	27 41	9 12	13 24	13 55	7 19	2 4	7 38
F 5	5 50	19 35	3 29	3 36	1 2	6 7	1 31	10 20	0 6	19 40	0 26	4 23	2 10	4 28	0 36	2 35	1 42	27 41	9 13	13 25	13 56	7 17	2 1	7 38
S 6	6 13	18 50	2 36	4 21	0 56	5 39	1 32	10 35	0 5	19 42	0 26	4 21	2 10	4 30	0 36	2 36	1 42	27 41	9 13	13 25	13 57	7 16	1 58	7 39
S 7	6 36	17 14	1 36	5 5	0 50	5 10	1 32	10 51	0 5	19 45	0 26	4 18	2 10	4 31	0 36	2 36	1 42	27 41	9 13	13 24	13 58	7 14	1 55	7 39
M 8	6 59	14 53	0 34	5 49	0 43	4 41	1 33	11 7	0 4	19 48	0 26	4 15	2 10	4 32	0 36	2 37	1 42	27 41	9 14	13 24	13 59	7 12	1 53	7 39
T 9	7 22	11 57	0n30	6 33	0 37	4 12	1 34	11 23	0 3	19 50	0 25	4 13	2 11	4 34	0 36	2 38	1 42	27 41	9 14	13 24	14 1	7 10	1 50	7 40
W10	7 45	8 32	1 32	7 17	0 30	3 43	1 34	11 38	0 3	19 53	0 25	4 10	2 11	4 35	0 36	2 38	1 42	27 41	9 14	13 24	14 2	7 8	1 47	7 40
T 11	8 8	4 47	2 30	8 0	0 24	3 14	1 35	11 54	0 2	19 56	0 25	4 7	2 11	4 37	0 36	2 39	1 42	27 41	9 15	13 26	14 3	7 6	1 44	7 40
F 12	8 31	0 49	3 21	8 42	0 17	2 44	1 35	12 9	0 2	19 58	0 25	4 5	2 11	4 38	0 36	2 39	1 42	27 42	9 15	13 28	14 4	7 4	1 42	7 41
S 13	8 53	3s13	4 5	9 25	0 10	2 15	1 36	12 25	0 1	20 1	0 25	4 2	2 11	4 40	0 36	2 40	1 42	27 42	9 15	13 31	14 5	7 2	1 39	7 41
S 14	9 16	7 10	4 37	10 6	0 4	1 45	1 36	12 40	0 0	20 4	0 25	3 59	2 11	4 41	0 36	2 41	1 42	27 42	9 16	13 35	14 6	7 1	1 36	7 42
M15	9 38	10 52	4 57	10 47	0s 3	1 16	1 36	12 55	0s 0	20 6	0 25	3 57	2 11	4 43	0 36	2 41	1 42	27 42	9 16	13 39	14 7	6 59	1 33	7 42
T 16	10 0	14 9	5 3	11 28	0 9	0 46	1 36	13 10	0 1	20 9	0 24	3 54	2 11	4 44	0 36	2 42	1 41	27 42	9 16	13 43	14 8	6 57	1 31	7 42
W17	10 22	16 50	4 55	12 8	0 16	0 16	1 36	13 25	0 2	20 12	0 24	3 52	2 12	4 46	0 36	2 42	1 41	27 42	9 17	13 46	14 9	6 55	1 28	7 43
T 18	10 44	18 44	4 31	12 47	0 23	0s14	1 36	13 40	0 2	20 14	0 24	3 49	2 12	4 47	0 36	2 43	1 41	27 43	9 17	13 49	14 10	6 53	1 25	7 43
F 19	11 6	19 40	3 53	13 25	0 29	0 44	1 36	13 55	0 3	20 17	0 24	3 47	2 12	4 48	0 36	2 43	1 41	27 43	9 17	13 51	14 11	6 51	1 23	7 44
S 20	11 28	19 33	3 2	14 3	0 36	1 14	1 36	14 10	0 3	20 19	0 24	3 44	2 12	4 50	0 36	2 44	1 41	27 43	9 18	13 51	14 12	6 49	1 20	7 44
S 21	11 49	18 18	2 0	14 41	0 42	1 44	1 36	14 24	0 4	20 22	0 24	3 42	2 12	4 51	0 36	2 44	1 41	27 43	9 18	13 52	14 13	6 47	1 17	7 45
M22	12 10	15 57	0 49	15 17	0 48	2 14	1 36	14 39	0 5	20 25	0 24	3 39	2 12	4 53	0 36	2 45	1 41	27 43	9 18	13 52	14 14	6 45	1 15	7 45
T 23	12 31	12 35	0s26	15 53	0 55	2 44	1 35	14 53	0 5	20 27	0 24	3 37	2 12	4 54	0 36	2 45	1 41	27 44	9 19	13 52	14 15	6 44	1 12	7 46
W24	12 52	8 24	1 41	16 28	1 1	3 14	1 35	15 8	0 6	20 30	0 23	3 35	2 13	4 56	0 36	2 46	1 41	27 44	9 19	13 52	14 16	6 42	1 10	7 46
T 25	13 12	3 39	2 51	17 2	1 7	3 43	1 34	15 22	0 7	20 33	0 23	3 32	2 13	4 57	0 36	2 46	1 41	27 44	9 19	13 53	14 17	6 40	1 7	7 47
F 26	13 33	1n21	3 49	17 36	1 13	4 13	1 34	15 36	0 7	20 35	0 23	3 30	2 13	4 58	0 36	2 47	1 41	27 44	9 20	13 55	14 18	6 38	1 5	7 47
S 27	13 53	6 17	4 32	18 8	1 18	4 43	1 33	15 50	0 8	20 38	0 23	3 28	2 13	5 0	0 36	2 47	1 41	27 45	9 20	13 59	14 19	6 36	1 2	7 48
S 28	14 13	10 48	4 56	18 40	1 24	5 13	1 32	16 4	0 8	20 40	0 23	3 25	2 13	5 1	0 36	2 48	1 41	27 45	9 20	14 2	14 20	6 34	1 0	7 48
M29	14 32	14 36	5 1	19 11	1 30	5 42	1 32	16 17	0 9	20 43	0 23	3 23	2 13	5 2	0 36	2 48	1 41	27 45	9 21	14 6	14 21	6 32	0 57	7 49
T 30	14 52	17 27	4 47	19 41	1 35	6 12	1 31	16 31	0 10	20 46	0 23	3 21	2 14	5 4	0 36	2 48	1 41	27 45	9 21	14 10	14 22	6 30	0 55	7 49
W31	15s11	19n12	4s16	20s10	1s40	6s41	1n30	16s44	0s10	20s48	0n23	3n18	2n14	5s 5	0n36	2s49	1s41	27n46	9n21	14n13	14n23	6n28	0n52	7s50

Julian Day Number = 1982119.5, Delta T = 58m35s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'16, Lahiri = 5°57'17 Julian Calendar 1 Oct. 714 == Greg. Calendar 5 Oct. 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

NOVEMBER 714 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 52 24	11♏52'06	7♋23	24♏ 9	21♎46	16♏10	4♐38	26♍56	14♎16	26°R48	6♌42	22°R 4	21♌35	19♍23	9♍25	T 1
F 2	2 56 20	12°52'52	20°11	25°40	23° 1	16°54	4°51	27° 2	14°19	26♓47	6°42	22♌ 0	21°32	19°30	9°30	F 2
S 3	3 0 17	13°53'39	2♌35	27°11	24°16	17°37	5° 5	27° 8	14°23	26°46	6°42	21°58	21°29	19°36	9°35	S 3
S 4	3 4 13	14°54'28	14°43	28°41	25°32	18°21	5°18	27°14	14°26	26°45	6°42	21°58	21°25	19°43	9°40	S 4
M 5	3 8 10	15°55'18	26°37	0♐11	26°47	19° 5	5°31	27°20	14°30	26°44	6°R42	21°58	21°22	19°50	9°44	M 5
T 6	3 12 6	16°56'10	8♍26	1°41	28° 2	19°49	5°44	27°25	14°33	26°43	6°42	21°57	21°19	19°56	9°49	T 6
W 7	3 16 3	17°57'03	20°13	3°10	29°17	20°33	5°58	27°31	14°36	26°42	6°42	21°54	21°16	20° 3	9°54	W 7
T 8	3 19 59	18°57'58	2♎ 4	4°39	0♏33	21°17	6°11	27°36	14°39	26°41	6°42	21°49	21°13	20°10	9°58	T 8
F 9	3 23 56	19°58'54	14° 2	6° 8	1°48	22° 1	6°25	27°42	14°43	26°41	6°42	21°40	21°10	20°16	10° 3	F 9
S 10	3 27 53	20°59'52	26°12	7°36	3° 3	22°45	6°38	27°47	14°46	26°40	6°41	21°29	21° 6	20°23	10° 7	S 10
S 11	3 31 49	22° 0'50	8♏34	9° 3	4°19	23°29	6°52	27°52	14°49	26°39	6°41	21°16	21° 3	20°30	10°11	S 11
M12	3 35 46	23° 1'50	21° 9	10°29	5°34	24°13	7° 5	27°58	14°52	26°38	6°41	21° 2	21° 0	20°36	10°16	M12
T 13	3 39 42	24° 2'51	3♐58	11°55	6°49	24°58	7°19	28° 3	14°56	26°37	6°41	20°48	20°57	20°43	10°20	T 13
W14	3 43 39	25° 3'53	16°59	13°20	8° 5	25°42	7°32	28° 8	14°59	26°37	6°41	20°35	20°54	20°50	10°24	W14
T 15	3 47 35	26° 4'55	0♑12	14°43	9°20	26°26	7°46	28°13	15° 2	26°36	6°40	20°25	20°51	20°56	10°28	T 15
F 16	3 51 32	27° 5'59	13°35	16° 6	10°36	27°11	8° 0	28°18	15° 5	26°35	6°40	20°18	20°47	21° 3	10°31	F 16
S 17	3 55 28	28° 7'03	27° 7	17°26	11°51	27°55	8°13	28°23	15° 8	26°35	6°40	20°13	20°44	21°10	10°35	S 17
S 18	3 59 25	29° 8'08	10♒49	18°45	13° 6	28°40	8°27	28°27	15°11	26°34	6°39	20°12	20°41	21°16	10°39	S 18
M19	4 3 22	0♐ 9'13	24°40	20° 1	14°22	29°24	8°41	28°32	15°14	26°34	6°39	20°12	20°38	21°23	10°42	M19
T 20	4 7 18	1°10'19	8♓42	21°15	15°37	0♐ 9	8°54	28°37	15°17	26°33	6°38	20°12	20°35	21°30	10°46	T 20
W21	4 11 15	2°11'25	22°52	22°26	16°53	0°54	9° 8	28°41	15°20	26°33	6°38	20°10	20°31	21°36	10°49	W21
T 22	4 15 11	3°12'31	7♈11	23°34	18° 8	1°38	9°22	28°46	15°22	26°32	6°38	20° 6	20°28	21°43	10°52	T 22
F 23	4 19 8	4°13'38	21°36	24°37	19°24	2°23	9°35	28°50	15°25	26°32	6°37	20° 0	20°25	21°50	10°56	F 23
S 24	4 23 4	5°14'45	6♉ 2	25°36	20°39	3° 8	9°49	28°55	15°28	26°31	6°36	19°51	20°22	21°56	10°59	S 24
S 25	4 27 1	6°15'53	20°23	26°30	21°54	3°53	10° 3	28°59	15°31	26°31	6°36	19°40	20°19	22° 3	11° 2	S 25
M26	4 30 57	7°17'01	4♊33	27°17	23°10	4°38	10°17	29° 3	15°33	26°31	6°35	19°28	20°16	22°10	11° 5	M26
T 27	4 34 54	8°18'10	18°26	27°58	24°25	5°23	10°30	29° 7	15°36	26°30	6°35	19°16	20°12	22°16	11° 7	T 27
W28	4 38 51	9°19'19	1♋58	28°31	25°41	6° 7	10°44	29°11	15°39	26°30	6°34	19° 6	20° 9	22°23	11°10	W28
T 29	4 42 47	10°20'29	15° 8	28°56	26°56	6°53	10°58	29°15	15°41	26°30	6°33	18°59	20° 6	22°30	11°12	T 29
F 30	4 46 44	11♐21'40	27♋55	29♐11	28♏12	7♐38	11♐12	29♍19	15♎44	26♓30	6♌33	18♌54	20♌ 3	22♍36	11♍15	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s30	19n51	3s33	20s38	1s45	7s10	1n29	16s58	0s11	20s51	0n22	3n16	2n14	5s 7	0n36	2s49	1s41	27n46	9n22	14n15	14n24	6n26	0n50	7s51
F 2	15 49	19 26	2 40	21 5	1 49	7 39	1 28	17 11	0 12	20 53	0 22	3 14	2 14	5 8	0 36	2 50	1 41	27 46	9 22	14 16	14 25	6 24	0 47	7 51
S 3	16 7	18 5	1 41	21 31	1 54	8 8	1 27	17 24	0 12	20 56	0 22	3 12	2 14	5 9	0 36	2 50	1 41	27 47	9 22	14 17	14 26	6 23	0 45	7 52
S 4	16 25	15 55	0 38	21 55	1 58	8 37	1 25	17 37	0 13	20 58	0 22	3 10	2 15	5 10	0 36	2 50	1 41	27 47	9 23	14 17	14 27	6 21	0 43	7 52
M 5	16 43	13 7	0n25	22 19	2 2	9 5	1 24	17 50	0 13	21 1	0 22	3 8	2 15	5 12	0 36	2 51	1 41	27 47	9 23	14 17	14 29	6 19	0 40	7 53
T 6	17 1	9 48	1 26	22 41	2 6	9 33	1 23	18 2	0 14	21 3	0 22	3 6	2 15	5 13	0 36	2 51	1 41	27 48	9 23	14 17	14 30	6 17	0 38	7 54
W 7	17 18	6 6	2 24	23 3	2 9	10 2	1 22	18 15	0 15	21 6	0 22	3 4	2 15	5 14	0 36	2 51	1 41	27 48	9 24	14 18	14 31	6 15	0 36	7 54
T 8	17 35	2 9	3 15	23 23	2 12	10 29	1 20	18 27	0 15	21 8	0 22	3 2	2 15	5 16	0 36	2 52	1 41	27 48	9 24	14 20	14 32	6 13	0 33	7 55
F 9	17 51	1s55	3 59	23 41	2 15	10 57	1 19	18 39	0 16	21 10	0 22	3 0	2 16	5 17	0 36	2 52	1 41	27 49	9 25	14 23	14 33	6 11	0 31	7 55
S 10	18 8	5 58	4 32	23 59	2 17	11 24	1 17	18 51	0 17	21 13	0 21	2 58	2 16	5 18	0 36	2 52	1 41	27 49	9 25	14 26	14 34	6 9	0 29	7 56
S 11	18 24	9 50	4 53	24 15	2 19	11 52	1 16	19 3	0 17	21 15	0 21	2 56	2 16	5 19	0 36	2 53	1 41	27 49	9 25	14 30	14 35	6 7	0 27	7 57
M12	18 39	13 21	5 0	24 29	2 20	12 18	1 14	19 15	0 18	21 18	0 21	2 54	2 16	5 21	0 36	2 53	1 41	27 50	9 26	14 35	14 36	6 5	0 24	7 57
T 13	18 55	16 18	4 52	24 42	2 21	12 45	1 12	19 26	0 18	21 20	0 21	2 52	2 16	5 22	0 36	2 53	1 41	27 50	9 26	14 40	14 37	6 3	0 22	7 58
W14	19 10	18 30	4 29	24 54	2 22	13 11	1 11	19 37	0 19	21 22	0 21	2 50	2 17	5 23	0 36	2 53	1 40	27 50	9 26	14 44	14 38	6 1	0 20	7 59
T 15	19 24	19 45	3 51	25 4	2 22	13 37	1 9	19 49	0 20	21 25	0 21	2 48	2 17	5 24	0 36	2 54	1 40	27 51	9 27	14 47	14 39	5 59	0 18	7 59
F 16	19 39	19 55	3 1	25 12	2 21	14 2	1 7	20 0	0 20	21 27	0 21	2 47	2 17	5 25	0 36	2 54	1 40	27 51	9 27	14 49	14 40	5 57	0 16	8 0
S 17	19 53	18 56	1 59	25 19	2 20	14 28	1 5	20 10	0 21	21 29	0 21	2 45	2 17	5 27	0 36	2 54	1 40	27 52	9 27	14 51	14 41	5 55	0 14	8 1
S 18	20 6	16 51	0 49	25 25	2 18	14 53	1 3	20 21	0 21	21 32	0 21	2 43	2 18	5 28	0 36	2 54	1 40	27 52	9 28	14 51	14 42	5 54	0 12	8 1
M19	20 19	13 46	0s24	25 28	2 15	15 17	1 1	20 31	0 22	21 34	0 20	2 41	2 18	5 29	0 36	2 54	1 40	27 53	9 28	14 51	14 43	5 52	0 10	8 2
T 20	20 32	9 51	1 36	25 30	2 12	15 41	0 59	20 41	0 23	21 36	0 20	2 40	2 18	5 30	0 36	2 55	1 40	27 53	9 28	14 51	14 44	5 50	0 8	8 3
W21	20 45	5 21	2 44	25 30	2 7	16 5	0 57	20 51	0 23	21 38	0 20	2 38	2 18	5 31	0 36	2 55	1 40	27 53	9 29	14 52	14 45	5 48	0 6	8 3
T 22	20 57	0 31	3 42	25 29	2 2	16 28	0 55	21 1	0 24	21 40	0 20	2 37	2 18	5 32	0 36	2 55	1 40	27 54	9 29	14 53	14 46	5 46	0 4	8 4
F 23	21 8	4n22	4 26	25 25	1 56	16 51	0 53	21 11	0 25	21 43	0 20	2 35	2 19	5 33	0 36	2 55	1 40	27 54	9 29	14 55	14 47	5 44	0 3	8 5
S 24	21 19	9 1	4 53	25 20	1 49	17 13	0 51	21 20	0 25	21 45	0 20	2 34	2 19	5 34	0 36	2 55	1 40	27 55	9 29	14 58	14 48	5 42	0 1	8 5
S 25	21 30	13 7	5 1	25 14	1 40	17 35	0 49	21 29	0 26	21 47	0 20	2 32	2 19	5 35	0 36	2 55	1 40	27 55	9 30	15 1	14 49	5 40	0s 1	8 6
M26	21 41	16 25	4 51	25 5	1 31	17 56	0 47	21 38	0 26	21 49	0 20	2 31	2 19	5 36	0 36	2 55	1 40	27 56	9 30	15 5	14 50	5 38	0 3	8 7
T 27	21 50	18 43	4 24	24 55	1 20	18 17	0 45	21 47	0 27	21 51	0 20	2 29	2 20	5 37	0 36	2 55	1 40	27 56	9 30	15 9	14 51	5 36	0 4	8 8
W28	22 0	19 53	3 42	24 44	1 8	18 38	0 42	21 56	0 28	21 53	0 20	2 28	2 20	5 38	0 36	2 55	1 40	27 57	9 31	15 12	14 52	5 34	0 6	8 8
T 29	22 9	19 56	2 49	24 31	0 55	18 57	0 40	22 4	0 28	21 55	0 19	2 27	2 20	5 39	0 36	2 55	1 40	27 57	9 31	15 14	14 53	5 32	0 8	8 9
F 30	22s18	18n56	1s49	24s16	0s40	19s17	0n38	22s12	0s29	21s57	0n19	2n25	2n20	5s40	0n37	2s55	1s40	27n58	9n31	15n16	14n54	5n30	0s 9	8s10

Julian Day Number = 1982150.5, Delta T = 58m34s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'20, Lahiri = 5°57'21 Julian Calendar 1 Nov. 714 == Greg. Calendar 5 Nov. 714

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ASTRODIENST EPHEMERIS for the year 714
geocentric

DECEMBER 714 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 50 40	12♐22'51	10♌21	29°R16	29♏27	8♐23	11♐25	29♍22	15♎46	26°R30	6°R32	18°R52	20♌ 0	22♍43	11♍17	S 1
S 2	4 54 37	13°24'02	22°31	29♐ 9	0♐43	9° 8	11°39	29°26	15°49	26♓30	6♌31	18°D52	19°57	22°50	11°20	S 2
M 3	4 58 33	14°25'14	4♍28	28°51	1°58	9°53	11°53	29°30	15°51	26°30	6°30	18♌52	19°53	22°56	11°22	M 3
T 4	5 2 30	15°26'27	16°18	28°22	3°14	10°38	12° 7	29°33	15°54	26°29	6°30	18°R53	19°50	23° 3	11°24	T 4
W 5	5 6 26	16°27'40	28° 7	27°40	4°29	11°24	12°21	29°36	15°56	26°D29	6°29	18°52	19°47	23°10	11°26	W 5
T 6	5 10 23	17°28'53	9♎59	26°48	5°45	12° 9	12°34	29°40	15°58	26°30	6°28	18°49	19°44	23°16	11°27	T 6
F 7	5 14 20	18°30'07	22° 0	25°45	7° 0	12°54	12°48	29°43	16° 0	26°30	6°27	18°44	19°41	23°23	11°29	F 7
S 8	5 18 16	19°31'21	4♏15	24°34	8°16	13°40	13° 2	29°46	16° 3	26°30	6°26	18°36	19°37	23°30	11°31	S 8
S 9	5 22 13	20°32'35	16°45	23°18	9°31	14°25	13°16	29°49	16° 5	26°30	6°25	18°26	19°34	23°36	11°32	S 9
M10	5 26 9	21°33'50	29°33	21°57	10°46	15°11	13°29	29°52	16° 7	26°30	6°24	18°16	19°31	23°43	11°34	M10
T 11	5 30 6	22°35'05	12♐39	20°36	12° 2	15°56	13°43	29°54	16° 9	26°30	6°23	18° 5	19°28	23°50	11°35	T 11
W12	5 34 2	23°36'20	26° 2	19°16	13°17	16°42	13°57	29°57	16°11	26°30	6°22	17°56	19°25	23°56	11°36	W12
T 13	5 37 59	24°37'34	9♑39	18° 1	14°33	17°28	14°11	29°59	16°13	26°31	6°21	17°48	19°22	24° 3	11°37	T 13
F 14	5 41 56	25°38'49	23°28	16°51	15°48	18°13	14°24	0♎ 2	16°15	26°31	6°20	17°43	19°18	24°10	11°38	F 14
S 15	5 45 52	26°40'03	7♒26	15°50	17° 4	18°59	14°38	0° 4	16°17	26°31	6°19	17°40	19°15	24°16	11°39	S 15
S 16	5 49 49	27°41'16	21°28	14°58	18°19	19°45	14°52	0° 7	16°18	26°32	6°18	17°D40	19°12	24°23	11°39	S 16
M17	5 53 45	28°42'29	5♓34	14°15	19°35	20°31	15° 5	0° 9	16°20	26°32	6°17	17°41	19° 9	24°30	11°40	M17
T 18	5 57 42	29°43'42	19°41	13°42	20°50	21°16	15°19	0°11	16°22	26°33	6°16	17°42	19° 6	24°36	11°41	T 18
W19	6 1 38	0♑44'53	3♈48	13°19	22° 6	22° 2	15°32	0°13	16°23	26°33	6°15	17°R42	19° 2	24°43	11°41	W19
T 20	6 5 35	1°46'04	17°54	13° 6	23°21	22°48	15°46	0°15	16°25	26°34	6°14	17°41	18°59	24°50	11°41	T 20
F 21	6 9 31	2°47'15	1♉58	13°D 2	24°36	23°34	15°59	0°17	16°27	26°34	6°13	17°38	18°56	24°56	11°41	F 21
S 22	6 13 28	3°48'24	15°57	13° 6	25°52	24°20	16°13	0°18	16°28	26°35	6°12	17°32	18°53	25° 3	11°R41	S 22
S 23	6 17 25	4°49'33	29°49	13°19	27° 7	25° 6	16°26	0°20	16°30	26°35	6°10	17°26	18°50	25°10	11°41	S 23
M24	6 21 21	5°50'41	13♊30	13°39	28°23	25°52	16°40	0°21	16°31	26°36	6° 9	17°18	18°47	25°16	11°41	M24
T 25	6 25 18	6°51'49	26°58	14° 5	29°38	26°38	16°53	0°23	16°32	26°37	6° 8	17°11	18°43	25°23	11°41	T 25
W26	6 29 14	7°52'56	10♋11	14°37	0♑53	27°24	17° 7	0°24	16°34	26°37	6° 7	17° 5	18°40	25°30	11°41	W26
T 27	6 33 11	8°54'02	23° 6	15°15	2° 9	28°10	17°20	0°25	16°35	26°38	6° 5	17° 1	18°37	25°36	11°40	T 27
F 28	6 37 7	9°55'08	5♌45	15°58	3°24	28°57	17°33	0°26	16°36	26°39	6° 4	16°58	18°34	25°43	11°39	F 28
S 29	6 41 4	10°56'13	18° 7	16°45	4°40	29°43	17°46	0°27	16°37	26°40	6° 3	16°D57	18°31	25°50	11°39	S 29
S 30	6 45 0	11°57'17	0♍15	17°37	5°55	0♑29	18° 0	0°28	16°38	26°41	6° 2	16°58	18°28	25°56	11°38	S 30
M31	6 48 57	12♑58'21	12♍12	18♐31	7♑10	1♑15	18♐13	0♎28	16♎39	26♓42	6♌ 0	17♌ 0	18♌24	26♍ 3	11♍37	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s26	17n 2	0s45	24s 0	0s24	19s36	0n35	22s20	0s29	21s59	0n19	2n24	2n21	5s41	0n37	2s55	1s40	27n58	9n32	15n16	14n55	5n28	0s11	8s11
S 2	22 34	14 25	0n19	23 43	0 7	19 54	0 33	22 28	0 30	22 1	0 19	2 23	2 21	5 42	0 37	2 55	1 40	27 59	9 32	15 16	14 56	5 26	0 12	8 11
M 3	22 41	11 13	1 22	23 25	0n11	20 12	0 31	22 35	0 31	22 3	0 19	2 22	2 21	5 43	0 37	2 55	1 40	27 59	9 32	15 16	14 57	5 24	0 14	8 12
T 4	22 48	7 36	2 21	23 5	0 30	20 29	0 28	22 42	0 31	22 5	0 19	2 20	2 21	5 44	0 37	2 55	1 39	28 0	9 33	15 16	14 58	5 22	0 15	8 13
W 5	22 55	3 43	3 14	22 45	0 50	20 45	0 26	22 49	0 32	22 7	0 19	2 19	2 22	5 45	0 37	2 55	1 39	28 0	9 33	15 16	14 59	5 20	0 17	8 13
T 6	23 1	0s20	3 58	22 24	1 10	21 1	0 24	22 56	0 32	22 9	0 19	2 18	2 22	5 46	0 37	2 55	1 39	28 1	9 33	15 17	15 0	5 18	0 18	8 14
F 7	23 6	4 25	4 33	22 2	1 30	21 17	0 21	23 3	0 33	22 11	0 19	2 17	2 22	5 47	0 37	2 55	1 39	28 1	9 33	15 19	15 1	5 16	0 19	8 15
S 8	23 11	8 23	4 55	21 41	1 49	21 31	0 19	23 9	0 33	22 13	0 19	2 16	2 23	5 47	0 37	2 55	1 39	28 2	9 34	15 21	15 2	5 14	0 21	8 16
S 9	23 16	12 5	5 5	21 19	2 7	21 46	0 16	23 15	0 34	22 14	0 19	2 15	2 23	5 48	0 37	2 55	1 39	28 2	9 34	15 24	15 3	5 12	0 22	8 16
M10	23 20	15 19	4 59	20 58	2 24	21 59	0 14	23 21	0 35	22 16	0 18	2 14	2 23	5 49	0 37	2 55	1 39	28 3	9 34	15 28	15 4	5 10	0 23	8 17
T 11	23 24	17 53	4 38	20 38	2 38	22 12	0 11	23 26	0 35	22 18	0 18	2 14	2 23	5 50	0 37	2 55	1 39	28 3	9 35	15 31	15 5	5 8	0 24	8 18
W12	23 27	19 32	4 1	20 20	2 51	22 24	0 9	23 32	0 36	22 20	0 18	2 13	2 24	5 50	0 37	2 55	1 39	28 4	9 35	15 34	15 6	5 6	0 25	8 19
T 13	23 30	20 6	3 10	20 4	3 0	22 36	0 7	23 37	0 36	22 21	0 18	2 12	2 24	5 51	0 37	2 55	1 39	28 4	9 35	15 36	15 7	5 4	0 26	8 19
F 14	23 32	19 28	2 6	19 50	3 8	22 46	0 4	23 41	0 37	22 23	0 18	2 11	2 24	5 52	0 37	2 54	1 39	28 5	9 35	15 38	15 8	5 2	0 28	8 20
S 15	23 34	17 39	0 55	19 39	3 13	22 56	0 2	23 46	0 37	22 25	0 18	2 11	2 24	5 53	0 37	2 54	1 39	28 5	9 36	15 39	15 9	5 0	0 28	8 21
S 16	23 35	14 46	0s21	19 30	3 16	23 6	0s 1	23 50	0 38	22 26	0 18	2 10	2 25	5 53	0 37	2 54	1 39	28 6	9 36	15 39	15 10	4 58	0 29	8 22
M17	23 36	11 0	1 35	19 25	3 16	23 15	0 3	23 54	0 39	22 28	0 18	2 9	2 25	5 54	0 37	2 54	1 39	28 6	9 36	15 38	15 11	4 56	0 30	8 22
T 18	23 36	6 37	2 44	19 22	3 15	23 23	0 6	23 58	0 39	22 30	0 18	2 9	2 25	5 55	0 37	2 54	1 39	28 7	9 36	15 38	15 12	4 54	0 31	8 23
W19	23 36	1 53	3 43	19 22	3 12	23 30	0 8	24 1	0 40	22 31	0 18	2 8	2 26	5 55	0 37	2 53	1 39	28 7	9 37	15 38	15 13	4 52	0 32	8 24
T 20	23 35	2n56	4 28	19 25	3 8	23 36	0 10	24 5	0 40	22 33	0 18	2 8	2 26	5 56	0 37	2 53	1 39	28 8	9 37	15 38	15 14	4 50	0 33	8 24
F 21	23 34	7 35	4 58	19 30	3 3	23 42	0 13	24 7	0 41	22 34	0 18	2 7	2 26	5 56	0 37	2 53	1 39	28 8	9 37	15 39	15 15	4 48	0 34	8 25
S 22	23 33	11 48	5 9	19 37	2 56	23 47	0 15	24 10	0 41	22 36	0 17	2 7	2 26	5 57	0 37	2 52	1 39	28 9	9 37	15 41	15 16	4 46	0 34	8 26
S 23	23 31	15 20	5 2	19 46	2 49	23 52	0 17	24 13	0 42	22 37	0 17	2 7	2 27	5 57	0 37	2 52	1 39	28 9	9 38	15 43	15 17	4 44	0 35	8 27
M24	23 28	17 59	4 38	19 56	2 41	23 55	0 20	24 15	0 42	22 39	0 17	2 6	2 27	5 58	0 37	2 52	1 38	28 10	9 38	15 45	15 18	4 42	0 35	8 27
T 25	23 25	19 36	3 58	20 7	2 33	23 58	0 22	24 17	0 43	22 40	0 17	2 6	2 27	5 58	0 37	2 52	1 38	28 11	9 38	15 47	15 19	4 40	0 36	8 28
W26	23 22	20 7	3 7	20 20	2 24	24 0	0 24	24 18	0 44	22 41	0 17	2 6	2 28	5 59	0 37	2 51	1 38	28 11	9 38	15 49	15 20	4 38	0 36	8 29
T 27	23 18	19 32	2 6	20 33	2 15	24 2	0 27	24 19	0 44	22 43	0 17	2 6	2 28	5 59	0 37	2 51	1 38	28 12	9 38	15 51	15 21	4 36	0 37	8 29
F 28	23 14	17 59	1 1	20 47	2 5	24 3	0 29	24 21	0 45	22 44	0 17	2 5	2 28	6 0	0 37	2 51	1 38	28 12	9 39	15 51	15 22	4 34	0 37	8 30
S 29	23 9	15 36	0n 6	21 1	1 56	24 2	0 31	24 21	0 45	22 45	0 17	2 5	2 28	6 0	0 37	2 50	1 38	28 13	9 39	15 52	15 23	4 32	0 38	8 31
S 30	23 4	12 35	1 12	21 16	1 46	24 2	0 33	24 22	0 46	22 47	0 17	2 5	2 29	6 1	0 37	2 50	1 38	28 13	9 39	15 51	15 24	4 30	0 38	8 32
M31	22s58	9n 5	2n14	21s30	1n37	24s 0	0s36	24s22	0s46	22s48	0n17	2n 5	2n29	6s 1	0n37	2s49	1s38	28n14	9n39	15n51	15n25	4n28	0s38	8s32

Julian Day Number = 1982180.5, Delta T = 58m33s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'24, Lahiri = 5°57'25 Julian Calendar 1 Dec. 714 == Greg. Calendar 5 Dec. 714

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ASTRODIENST EPHEMERIS for the year 715
geocentric

JANUARY 715 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 52 54	13♑59'24	24♍ 3	19♐30	8♑26	2♑ 2	18♐26	0♎29	16♎40	26♓42	5°R59	17♌ 2	18♌21	26♍10	11°R36	T 1
W 2	6 56 50	15° 0'26	5♎53	20°31	9°41	2°48	18°39	0°30	16°41	26°43	5♌58	17° 3	18°18	26°16	11♍35	W 2
T 3	7 0 47	16° 1'28	17°46	21°35	10°56	3°34	18°52	0°30	16°42	26°44	5°56	17°R 4	18°15	26°23	11°34	T 3
F 4	7 4 43	17° 2'29	29°47	22°41	12°12	4°21	19° 5	0°30	16°43	26°45	5°55	17° 3	18°12	26°30	11°32	F 4
S 5	7 8 40	18° 3'30	12♏ 1	23°49	13°27	5° 7	19°18	0°30	16°43	26°46	5°53	17° 0	18° 8	26°36	11°31	S 5
S 6	7 12 36	19° 4'30	24°33	25° 0	14°42	5°54	19°31	0°R30	16°44	26°48	5°52	16°57	18° 5	26°43	11°29	S 6
M 7	7 16 33	20° 5'29	7♐25	26°12	15°58	6°40	19°44	0°30	16°45	26°49	5°51	16°53	18° 2	26°50	11°28	M 7
T 8	7 20 29	21° 6'27	20°40	27°26	17°13	7°27	19°57	0°30	16°45	26°50	5°49	16°49	17°59	26°56	11°26	T 8
W 9	7 24 26	22° 7'24	4♑17	28°42	18°28	8°13	20°10	0°30	16°46	26°51	5°48	16°45	17°56	27° 3	11°24	W 9
T 10	7 28 23	23° 8'20	18°14	29°59	19°44	9° 0	20°22	0°30	16°46	26°52	5°46	16°42	17°53	27°10	11°22	T 10
F 11	7 32 19	24° 9'15	2♒27	1♑18	20°59	9°46	20°35	0°29	16°47	26°53	5°45	16°40	17°49	27°17	11°20	F 11
S 12	7 36 16	25°10'09	16°53	2°37	22°14	10°33	20°48	0°29	16°47	26°55	5°44	16°D39	17°46	27°23	11°18	S 12
S 13	7 40 12	26°11'01	1♓24	3°59	23°29	11°20	21° 0	0°28	16°47	26°56	5°42	16°40	17°43	27°30	11°16	S 13
M14	7 44 9	27°11'52	15°56	5°21	24°45	12° 6	21°13	0°27	16°48	26°57	5°41	16°41	17°40	27°37	11°13	M14
T 15	7 48 5	28°12'41	0♈23	6°44	26° 0	12°53	21°25	0°26	16°48	26°59	5°39	16°42	17°37	27°43	11°11	T 15
W16	7 52 2	29°13'29	14°42	8° 9	27°15	13°40	21°37	0°25	16°48	27° 0	5°38	16°43	17°34	27°50	11° 8	W16
T 17	7 55 58	0♒14'15	28°50	9°34	28°30	14°26	21°50	0°24	16°48	27° 1	5°36	16°R44	17°30	27°57	11° 6	T 17
F 18	7 59 55	1°14'59	12♉46	11° 0	29°45	15°13	22° 2	0°23	16°R48	27° 3	5°35	16°43	17°27	28° 3	11° 3	F 18
S 19	8 3 52	2°15'42	26°29	12°28	1♒ 1	16° 0	22°14	0°22	16°48	27° 4	5°33	16°42	17°24	28°10	11° 0	S 19
S 20	8 7 48	3°16'23	9♊58	13°56	2°16	16°47	22°26	0°20	16°48	27° 6	5°32	16°41	17°21	28°17	10°57	S 20
M21	8 11 45	4°17'02	23°13	15°25	3°31	17°33	22°38	0°19	16°48	27° 7	5°30	16°39	17°18	28°23	10°54	M21
T 22	8 15 41	5°17'39	6♋15	16°56	4°46	18°20	22°50	0°17	16°48	27° 9	5°29	16°37	17°14	28°30	10°51	T 22
W23	8 19 38	6°18'15	19° 4	18°27	6° 1	19° 7	23° 2	0°15	16°47	27°10	5°27	16°36	17°11	28°37	10°48	W23
T 24	8 23 34	7°18'49	1♌40	19°59	7°16	19°54	23°14	0°14	16°47	27°12	5°26	16°35	17° 8	28°43	10°45	T 24
F 25	8 27 31	8°19'22	14° 3	21°32	8°31	20°41	23°25	0°12	16°47	27°14	5°25	16°D35	17° 5	28°50	10°42	F 25
S 26	8 31 27	9°19'53	26°15	23° 6	9°46	21°27	23°37	0°10	16°46	27°15	5°23	16°35	17° 2	28°57	10°38	S 26
S 27	8 35 24	10°20'22	8♍18	24°40	11° 2	22°14	23°49	0° 8	16°46	27°17	5°22	16°35	16°59	29° 3	10°35	S 27
M28	8 39 21	11°20'50	20°13	26°16	12°17	23° 1	24° 0	0° 5	16°45	27°19	5°20	16°36	16°55	29°10	10°31	M28
T 29	8 43 17	12°21'16	2♎ 4	27°53	13°32	23°48	24°12	0° 3	16°45	27°20	5°19	16°37	16°52	29°17	10°28	T 29
W30	8 47 14	13°21'41	13°54	29°30	14°47	24°35	24°23	0° 1	16°44	27°22	5°17	16°37	16°49	29°23	10°24	W30
T 31	8 51 10	14♒22'04	25♎47	1♒ 9	16♒ 2	25♑22	24♐34	29♍58	16♎43	27♓24	5♌16	16♌37	16♌46	29♍30	10♍21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s52	5n16	3n 9	21s44	1n27	23s58	0s38	24s22	0s47	22s49	0n17	2n 5	2n29	6s 1	0n37	2s49	1s38	28n14	9n39	15n50	15n26	4n26	0s39	8s33
W 2	22 45	1 16	3 56	21 59	1 17	23 55	0 40	24 22	0 47	22 50	0 17	2 5	2 30	6 2	0 37	2 49	1 38	28 15	9 40	15 50	15 27	4 24	0 39	8 34
T 3	22 38	2s48	4 34	22 12	1 8	23 51	0 42	24 21	0 48	22 52	0 16	2 5	2 30	6 2	0 37	2 48	1 38	28 15	9 40	15 50	15 28	4 22	0 39	8 34
F 4	22 30	6 48	5 0	22 26	0 58	23 46	0 44	24 20	0 48	22 53	0 16	2 6	2 30	6 2	0 37	2 48	1 38	28 16	9 40	15 50	15 29	4 20	0 39	8 35
S 5	22 23	10 35	5 12	22 39	0 49	23 41	0 46	24 19	0 49	22 54	0 16	2 6	2 30	6 2	0 37	2 47	1 38	28 16	9 40	15 51	15 30	4 18	0 39	8 35
S 6	22 14	14 1	5 11	22 51	0 40	23 35	0 48	24 17	0 49	22 55	0 16	2 6	2 31	6 3	0 37	2 47	1 38	28 17	9 40	15 52	15 31	4 16	0 39	8 36
M 7	22 5	16 52	4 54	23 2	0 31	23 28	0 50	24 16	0 50	22 56	0 16	2 6	2 31	6 3	0 38	2 46	1 38	28 17	9 40	15 53	15 32	4 14	0 39	8 37
T 8	21 56	18 56	4 21	23 13	0 22	23 21	0 52	24 14	0 50	22 57	0 16	2 7	2 31	6 3	0 38	2 46	1 38	28 18	9 41	15 54	15 33	4 12	0 39	8 37
W 9	21 46	20 0	3 32	23 23	0 13	23 12	0 54	24 11	0 51	22 58	0 16	2 7	2 32	6 3	0 38	2 45	1 38	28 18	9 41	15 56	15 34	4 10	0 39	8 38
T 10	21 36	19 52	2 30	23 32	0 5	23 3	0 56	24 9	0 51	22 59	0 16	2 7	2 32	6 3	0 38	2 45	1 38	28 19	9 41	15 56	15 35	4 8	0 38	8 38
F 11	21 26	18 29	1 18	23 40	0s 4	22 54	0 57	24 6	0 52	23 0	0 16	2 8	2 32	6 4	0 38	2 44	1 38	28 19	9 41	15 57	15 36	4 5	0 38	8 39
S 12	21 15	15 54	0s 1	23 47	0 12	22 44	0 59	24 3	0 52	23 1	0 16	2 8	2 32	6 4	0 38	2 44	1 38	28 20	9 41	15 57	15 37	4 3	0 38	8 40
S 13	21 3	12 18	1 21	23 52	0 20	22 33	1 1	23 59	0 53	23 2	0 16	2 9	2 33	6 4	0 38	2 43	1 38	28 20	9 41	15 57	15 38	4 1	0 38	8 40
M14	20 52	7 58	2 35	23 57	0 28	22 21	1 2	23 56	0 53	23 3	0 16	2 9	2 33	6 4	0 38	2 42	1 37	28 21	9 41	15 57	15 39	3 59	0 37	8 41
T 15	20 40	3 11	3 39	24 1	0 35	22 8	1 4	23 52	0 54	23 4	0 16	2 10	2 33	6 4	0 38	2 42	1 37	28 21	9 42	15 56	15 40	3 57	0 37	8 41
W16	20 27	1n42	4 28	24 3	0 42	21 55	1 6	23 48	0 54	23 5	0 15	2 11	2 34	6 4	0 38	2 41	1 37	28 22	9 42	15 56	15 41	3 55	0 36	8 42
T 17	20 14	6 27	5 1	24 4	0 49	21 42	1 7	23 43	0 54	23 6	0 15	2 11	2 34	6 4	0 38	2 41	1 37	28 22	9 42	15 56	15 42	3 53	0 36	8 42
F 18	20 1	10 46	5 16	24 4	0 56	21 27	1 9	23 38	0 55	23 6	0 15	2 12	2 34	6 4	0 38	2 40	1 37	28 23	9 42	15 56	15 43	3 51	0 35	8 43
S 19	19 47	14 27	5 12	24 3	1 2	21 12	1 10	23 33	0 55	23 7	0 15	2 13	2 34	6 4	0 38	2 39	1 37	28 23	9 42	15 56	15 44	3 49	0 35	8 43
S 20	19 33	17 18	4 51	24 0	1 9	20 57	1 11	23 28	0 56	23 8	0 15	2 14	2 35	6 4	0 38	2 39	1 37	28 24	9 42	15 57	15 44	3 47	0 34	8 44
M21	19 19	19 12	4 14	23 56	1 15	20 41	1 13	23 22	0 56	23 9	0 15	2 14	2 35	6 4	0 38	2 38	1 37	28 24	9 42	15 57	15 45	3 45	0 33	8 44
T 22	19 5	20 2	3 25	23 51	1 20	20 24	1 14	23 16	0 57	23 10	0 15	2 15	2 35	6 4	0 38	2 38	1 37	28 25	9 42	15 58	15 46	3 43	0 33	8 45
W23	18 49	19 49	2 27	23 44	1 26	20 6	1 15	23 10	0 57	23 10	0 15	2 16	2 35	6 3	0 38	2 37	1 37	28 25	9 42	15 58	15 47	3 41	0 32	8 45
T 24	18 34	18 36	1 22	23 36	1 31	19 48	1 16	23 4	0 57	23 11	0 15	2 17	2 36	6 3	0 38	2 36	1 37	28 26	9 42	15 58	15 48	3 39	0 31	8 45
F 25	18 18	16 30	0 14	23 26	1 35	19 30	1 17	22 57	0 58	23 12	0 15	2 18	2 36	6 3	0 38	2 36	1 37	28 26	9 42	15 58	15 49	3 37	0 30	8 46
S 26	18 2	13 41	0n53	23 15	1 40	19 11	1 18	22 50	0 58	23 12	0 15	2 19	2 36	6 3	0 38	2 35	1 37	28 27	9 43	15 58	15 50	3 35	0 29	8 46
S 27	17 46	10 20	1 58	23 3	1 44	18 51	1 19	22 43	0 59	23 13	0 15	2 20	2 37	6 3	0 38	2 34	1 37	28 27	9 43	15 58	15 51	3 33	0 28	8 47
M28	17 30	6 36	2 56	22 48	1 48	18 31	1 20	22 36	0 59	23 13	0 15	2 21	2 37	6 2	0 38	2 33	1 37	28 27	9 43	15 58	15 52	3 30	0 27	8 47
T 29	17 13	2 38	3 47	22 33	1 51	18 10	1 21	22 28	0 59	23 14	0 14	2 23	2 37	6 2	0 38	2 33	1 37	28 28	9 43	15 58	15 53	3 28	0 26	8 47
W30	16 55	1s25	4 28	22 16	1 54	17 49	1 22	22 20	1 0	23 15	0 14	2 24	2 37	6 2	0 38	2 32	1 37	28 28	9 43	15 58	15 54	3 26	0 25	8 48
T 31	16s38	5s25	4n57	21s57	1s57	17s27	1s22	22s12	1s 0	23s15	0n14	2n25	2n38	6s 2	0n38	2s31	1s37	28n29	9n43	15n58	15n55	3n24	0s24	8s48

Julian Day Number = 1982211.5, Delta T = 58m33s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'29, Lahiri = 5°57'29 Julian Calendar 1 Jan. 715 == Greg. Calendar 5 Jan. 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

FEBRUARY 715 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 55 7	15♒22'26	7♏47	2♒48	17♒17	26♉ 9	24♐45	29°R56	16°R42	27♓26	5°R14	16♌37	16♌43	29♍37	10°R17	F 1
S 2	8 59 3	16°22'46	19°59	4°29	18°32	26°56	24°56	29♍53	16♎42	27°27	5♌13	16°37	16°40	29°43	10♍13	S 2
S 3	9 3 0	17°23'05	2♐27	6°10	19°47	27°43	25° 7	29°50	16°41	27°29	5°11	16°37	16°36	29°50	10° 9	S 3
M 4	9 6 56	18°23'22	15°16	7°52	21° 2	28°30	25°18	29°48	16°40	27°31	5°10	16°37	16°33	29°57	10° 5	M 4
T 5	9 10 53	19°23'38	28°28	9°36	22°17	29°17	25°29	29°45	16°39	27°33	5° 9	16°38	16°30	0♎ 3	10° 1	T 5
W 6	9 14 50	20°23'52	12♑ 7	11°20	23°32	0♒ 4	25°39	29°42	16°38	27°35	5° 7	16°38	16°27	0°10	9°57	W 6
T 7	9 18 46	21°24'05	26°10	13° 6	24°46	0°51	25°50	29°39	16°37	27°37	5° 6	16°38	16°24	0°17	9°53	T 7
F 8	9 22 43	22°24'15	10♒37	14°52	26° 1	1°38	26° 1	29°36	16°36	27°39	5° 4	16°R39	16°20	0°24	9°49	F 8
S 9	9 26 39	23°24'24	25°22	16°40	27°16	2°25	26°11	29°32	16°35	27°41	5° 3	16°39	16°17	0°30	9°45	S 9
S 10	9 30 36	24°24'31	10♓18	18°29	28°31	3°12	26°21	29°29	16°34	27°42	5° 2	16°38	16°14	0°37	9°41	S 10
M11	9 34 32	25°24'36	25°17	20°18	29°46	3°59	26°31	29°26	16°32	27°44	5° 0	16°37	16°11	0°44	9°36	M11
T 12	9 38 29	26°24'39	10♈10	22° 9	1♓ 1	4°46	26°41	29°22	16°31	27°46	4°59	16°36	16° 8	0°50	9°32	T 12
W13	9 42 25	27°24'39	24°50	24° 1	2°16	5°33	26°51	29°19	16°30	27°48	4°57	16°35	16° 5	0°57	9°28	W13
T 14	9 46 22	28°24'37	9♉13	25°54	3°30	6°20	27° 1	29°15	16°28	27°50	4°56	16°34	16° 1	1° 4	9°23	T 14
F 15	9 50 19	29°24'33	23°15	27°48	4°45	7° 7	27°11	29°11	16°27	27°52	4°55	16°D34	15°58	1°10	9°19	F 15
S 16	9 54 15	0♓24'27	6♊54	29°43	6° 0	7°54	27°21	29° 8	16°25	27°55	4°54	16°34	15°55	1°17	9°15	S 16
S 17	9 58 12	1°24'19	20°13	1♓39	7°15	8°41	27°30	29° 4	16°24	27°57	4°52	16°34	15°52	1°24	9°10	S 17
M18	10 2 8	2°24'08	3♋13	3°35	8°29	9°28	27°39	29° 0	16°22	27°59	4°51	16°35	15°49	1°30	9° 6	M18
T 19	10 6 5	3°23'55	15°57	5°33	9°44	10°15	27°49	28°56	16°21	28° 1	4°50	16°37	15°46	1°37	9° 1	T 19
W20	10 10 1	4°23'40	28°26	7°31	10°59	11° 2	27°58	28°52	16°19	28° 3	4°48	16°38	15°42	1°44	8°57	W20
T 21	10 13 58	5°23'22	10♌43	9°30	12°13	11°49	28° 7	28°48	16°17	28° 5	4°47	16°R39	15°39	1°50	8°52	T 21
F 22	10 17 54	6°23'02	22°52	11°29	13°28	12°36	28°16	28°44	16°16	28° 7	4°46	16°39	15°36	1°57	8°48	F 22
S 23	10 21 51	7°22'40	4♍53	13°29	14°43	13°23	28°25	28°40	16°14	28° 9	4°45	16°38	15°33	2° 4	8°43	S 23
S 24	10 25 48	8°22'16	16°49	15°29	15°57	14°10	28°33	28°36	16°12	28°11	4°44	16°36	15°30	2°11	8°39	S 24
M25	10 29 44	9°21'50	28°41	17°28	17°12	14°57	28°42	28°32	16°10	28°14	4°42	16°32	15°26	2°17	8°34	M25
T 26	10 33 41	10°21'22	10♎31	19°27	18°26	15°44	28°50	28°28	16° 8	28°16	4°41	16°28	15°23	2°24	8°30	T 26
W27	10 37 37	11°20'52	22°23	21°25	19°41	16°31	28°58	28°23	16° 7	28°18	4°40	16°24	15°20	2°31	8°25	W27
T 28	10 41 34	12♓20'20	4♏17	23♓23	20♓55	17♒18	29♐ 7	28♍19	16♎ 5	28♓20	4♌39	16♌20	15♌17	2♎37	8♍21	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	16s20	9s15	5n14	21s36	2s 0	17s 5	1s23	22s 3	1s 1	23s16	0n14	2n26	2n38	6s 1	0n38	2s31	1s37	28n29	9n43	15n58	15n56	3n22	0s23	8s48	F 1
S 2	16 2	12 46	5 17	21 14	2 2	16 42	1 24	21 55	1 1	23 16	0 14	2 27	2 38	6 1	0 38	2 30	1 37	28 30	9 43	15 58	15 57	3 20	0 22	8 48	S 2
S 3	15 44	15 48	5 6	20 51	2 3	16 19	1 24	21 46	1 1	23 17	0 14	2 29	2 38	6 1	0 38	2 29	1 37	28 30	9 43	15 58	15 58	3 18	0 21	8 49	S 3
M 4	15 25	18 10	4 39	20 26	2 5	15 55	1 25	21 37	1 2	23 17	0 14	2 30	2 38	6 0	0 38	2 28	1 37	28 30	9 43	15 58	15 59	3 16	0 19	8 49	M 4
T 5	15 6	19 39	3 57	19 59	2 5	15 31	1 25	21 27	1 2	23 18	0 14	2 32	2 39	6 0	0 38	2 27	1 37	28 31	9 43	15 58	16 0	3 14	0 18	8 49	T 5
W 6	14 47	20 3	3 0	19 30	2 6	15 7	1 25	21 17	1 2	23 18	0 14	2 33	2 39	6 0	0 38	2 27	1 37	28 31	9 43	15 57	16 1	3 12	0 17	8 49	W 6
T 7	14 28	19 14	1 51	19 0	2 6	14 42	1 26	21 8	1 3	23 18	0 14	2 34	2 39	5 59	0 38	2 26	1 37	28 31	9 43	15 57	16 2	3 10	0 15	8 49	T 7
F 8	14 8	17 9	0 33	18 29	2 5	14 17	1 26	20 57	1 3	23 19	0 14	2 36	2 39	5 59	0 38	2 25	1 37	28 32	9 43	15 57	16 3	3 8	0 14	8 50	F 8
S 9	13 49	13 55	0s48	17 55	2 4	13 51	1 26	20 47	1 3	23 19	0 14	2 37	2 40	5 58	0 38	2 24	1 37	28 32	9 43	15 57	16 4	3 5	0 13	8 50	S 9
S 10	13 29	9 43	2 8	17 20	2 3	13 25	1 26	20 37	1 4	23 20	0 14	2 39	2 40	5 58	0 38	2 24	1 37	28 32	9 43	15 57	16 5	3 3	0 11	8 50	S 10
M11	13 8	4 55	3 18	16 44	2 1	12 58	1 26	20 26	1 4	23 20	0 13	2 40	2 40	5 57	0 38	2 23	1 37	28 33	9 43	15 58	16 6	3 1	0 10	8 50	M11
T 12	12 48	0n 9	4 15	16 5	1 58	12 32	1 26	20 15	1 4	23 20	0 13	2 42	2 40	5 57	0 38	2 22	1 36	28 33	9 43	15 58	16 7	2 59	0 8	8 50	T 12
W13	12 27	5 7	4 55	15 25	1 55	12 5	1 26	20 3	1 5	23 21	0 13	2 43	2 40	5 56	0 38	2 21	1 36	28 33	9 43	15 58	16 8	2 57	0 7	8 50	W13
T 14	12 6	9 42	5 14	14 44	1 52	11 37	1 26	19 52	1 5	23 21	0 13	2 45	2 41	5 56	0 39	2 20	1 36	28 34	9 43	15 59	16 9	2 55	0 5	8 50	T 14
F 15	11 45	13 38	5 15	14 0	1 48	11 10	1 26	19 40	1 5	23 21	0 13	2 47	2 41	5 55	0 39	2 19	1 36	28 34	9 43	15 59	16 10	2 53	0 3	8 50	F 15
S 16	11 24	16 44	4 57	13 16	1 43	10 42	1 25	19 28	1 6	23 21	0 13	2 48	2 41	5 54	0 39	2 19	1 36	28 34	9 43	15 59	16 10	2 51	0 2	8 50	S 16
S 17	11 3	18 51	4 24	12 29	1 38	10 13	1 25	19 16	1 6	23 22	0 13	2 50	2 41	5 54	0 39	2 18	1 36	28 35	9 43	15 59	16 11	2 49	0 0	8 50	S 17
M18	10 41	19 56	3 38	11 42	1 32	9 45	1 25	19 4	1 6	23 22	0 13	2 52	2 41	5 53	0 39	2 17	1 36	28 35	9 43	15 58	16 12	2 47	0n 1	8 50	M18
T 19	10 20	19 58	2 42	10 52	1 26	9 16	1 24	18 51	1 6	23 22	0 13	2 53	2 41	5 53	0 39	2 16	1 36	28 35	9 42	15 58	16 13	2 44	0 3	8 50	T 19
W20	9 58	19 0	1 39	10 2	1 19	8 47	1 24	18 39	1 7	23 22	0 13	2 55	2 42	5 52	0 39	2 15	1 36	28 35	9 42	15 58	16 14	2 42	0 5	8 50	W20
T 21	9 36	17 8	0 33	9 10	1 12	8 18	1 23	18 26	1 7	23 23	0 13	2 57	2 42	5 51	0 39	2 14	1 36	28 36	9 42	15 57	16 15	2 40	0 7	8 50	T 21
F 22	9 14	14 32	0n34	8 17	1 4	7 48	1 22	18 13	1 7	23 23	0 13	2 59	2 42	5 51	0 39	2 13	1 36	28 36	9 42	15 57	16 16	2 38	0 8	8 50	F 22
S 23	8 52	11 19	1 39	7 23	0 55	7 19	1 21	18 0	1 7	23 23	0 13	3 0	2 42	5 50	0 39	2 13	1 36	28 36	9 42	15 58	16 17	2 36	0 10	8 50	S 23
S 24	8 29	7 40	2 39	6 28	0 46	6 49	1 21	17 46	1 8	23 23	0 12	3 2	2 42	5 49	0 39	2 12	1 36	28 36	9 42	15 58	16 18	2 34	0 12	8 49	S 24
M25	8 7	3 45	3 31	5 32	0 36	6 19	1 20	17 32	1 8	23 23	0 12	3 4	2 42	5 48	0 39	2 11	1 36	28 37	9 42	15 59	16 19	2 32	0 14	8 49	M25
T 26	7 44	0s18	4 14	4 36	0 26	5 49	1 19	17 19	1 8	23 24	0 12	3 6	2 42	5 48	0 39	2 10	1 36	28 37	9 42	16 0	16 20	2 30	0 16	8 49	T 26
W27	7 21	4 20	4 47	3 39	0 15	5 18	1 18	17 5	1 8	23 24	0 12	3 8	2 43	5 47	0 39	2 9	1 36	28 37	9 42	16 2	16 21	2 28	0 18	8 49	W27
T 28	6s59	8s13	5n 7	2s43	0s 4	4s48	1s17	16s50	1s 8	23s24	0n12	3n10	2n43	5s46	0n39	2s 8	1s36	28n37	9n42	16n 3	16n22	2n25	0n19	8s49	T 28

Julian Day Number = 1982242.5, Delta T = 58m32s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'33, Lahiri = 5°57'33 Julian Calendar 1 Feb. 715 == Greg. Calendar 5 Feb. 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

MARCH 715 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 45 30	13♓19'46	16♏18	25♓18	22♓10	18♒ 5	29♐15	28°R15	16°R 3	28♓22	4°R38	16°R16	15♌14	2♎44	8°R16	F 1
S 2	10 49 27	14°19'10	28°29	27°12	23°24	18°52	29°22	28♍10	16♎ 1	28°25	4♌37	16♌14	15°11	2°51	8♍12	S 2
S 3	10 53 23	15°18'33	10♐54	29° 4	24°39	19°39	29°30	28° 6	15°59	28°27	4°36	16°D13	15° 7	2°57	8° 7	S 3
M 4	10 57 20	16°17'54	23°37	0♈53	25°53	20°26	29°38	28° 1	15°56	28°29	4°35	16°13	15° 4	3° 4	8° 3	M 4
T 5	11 1 16	17°17'13	6♉43	2°39	27° 7	21°13	29°45	27°57	15°54	28°31	4°34	16°14	15° 1	3°11	7°59	T 5
W 6	11 5 13	18°16'30	20°13	4°22	28°22	22° 0	29°53	27°52	15°52	28°33	4°33	16°16	14°58	3°17	7°54	W 6
T 7	11 9 10	19°15'45	4♒11	6° 0	29°36	22°47	29°59	27°48	15°50	28°36	4°32	16°17	14°55	3°24	7°50	T 7
F 8	11 13 6	20°14'58	18°36	7°35	0♈51	23°33	0♉ 7	27°43	15°48	28°38	4°31	16°R17	14°51	3°31	7°45	F 8
S 9	11 17 3	21°14'10	3♓25	9° 4	2° 5	24°20	0°14	27°39	15°46	28°40	4°30	16°16	14°48	3°37	7°41	S 9
S 10	11 20 59	22°13'19	18°31	10°29	3°19	25° 7	0°20	27°34	15°43	28°42	4°29	16°14	14°45	3°44	7°37	S 10
M11	11 24 56	23°12'26	3♈45	11°48	4°33	25°54	0°27	27°29	15°41	28°45	4°28	16° 9	14°42	3°51	7°32	M11
T 12	11 28 52	24°11'31	18°58	13° 2	5°48	26°41	0°33	27°25	15°39	28°47	4°27	16° 4	14°39	3°58	7°28	T 12
W13	11 32 49	25°10'34	3♉58	14°10	7° 2	27°28	0°40	27°20	15°37	28°49	4°26	15°58	14°36	4° 4	7°24	W13
T 14	11 36 45	26° 9'35	18°39	15°12	8°16	28°14	0°46	27°16	15°34	28°51	4°25	15°53	14°32	4°11	7°20	T 14
F 15	11 40 42	27° 8'33	2♊53	16° 7	9°30	29° 1	0°52	27°11	15°32	28°54	4°25	15°49	14°29	4°18	7°16	F 15
S 16	11 44 39	28° 7'29	16°40	16°57	10°44	29°48	0°58	27° 6	15°29	28°56	4°24	15°46	14°26	4°24	7°12	S 16
S 17	11 48 35	29° 6'22	0♋ 0	17°40	11°58	0♓35	1° 3	27° 2	15°27	28°58	4°23	15°D46	14°23	4°31	7° 8	S 17
M18	11 52 32	0♈ 5'14	12°56	18°16	13°13	1°21	1° 9	26°57	15°25	29° 1	4°22	15°46	14°20	4°38	7° 4	M18
T 19	11 56 28	1° 4'02	25°31	18°45	14°27	2° 8	1°14	26°52	15°22	29° 3	4°22	15°48	14°17	4°44	7° 0	T 19
W20	12 0 25	2° 2'49	7♌49	19° 8	15°41	2°54	1°19	26°48	15°20	29° 5	4°21	15°49	14°13	4°51	6°56	W20
T 21	12 4 21	3° 1'33	19°56	19°25	16°55	3°41	1°24	26°43	15°17	29° 7	4°20	15°R49	14°10	4°58	6°52	T 21
F 22	12 8 18	4° 0'15	1♍54	19°35	18° 9	4°28	1°29	26°39	15°15	29°10	4°20	15°48	14° 7	5° 4	6°48	F 22
S 23	12 12 14	4°58'55	13°47	19°R38	19°23	5°14	1°34	26°34	15°12	29°12	4°19	15°44	14° 4	5°11	6°45	S 23
S 24	12 16 11	5°57'33	25°38	19°36	20°36	6° 1	1°38	26°30	15°10	29°14	4°19	15°38	14° 1	5°18	6°41	S 24
M25	12 20 7	6°56'08	7♎29	19°27	21°50	6°47	1°43	26°25	15° 7	29°16	4°18	15°30	13°57	5°24	6°38	M25
T 26	12 24 4	7°54'42	19°20	19°12	23° 4	7°34	1°47	26°20	15° 5	29°19	4°18	15°20	13°54	5°31	6°34	T 26
W27	12 28 1	8°53'14	1♏15	18°53	24°18	8°20	1°51	26°16	15° 2	29°21	4°17	15°10	13°51	5°38	6°31	W27
T 28	12 31 57	9°51'44	13°15	18°28	25°32	9° 7	1°55	26°12	15° 0	29°23	4°17	15° 0	13°48	5°45	6°27	T 28
F 29	12 35 54	10°50'12	25°21	17°59	26°46	9°53	1°58	26° 7	14°57	29°25	4°16	14°51	13°45	5°51	6°24	F 29
S 30	12 39 50	11°48'38	7♐36	17°27	27°59	10°39	2° 2	26° 3	14°55	29°28	4°16	14°44	13°42	5°58	6°21	S 30
S 31	12 43 47	12♈47'03	20♐ 3	16♈51	29♈13	11♓26	2♉ 5	25♍58	14♎52	29♓30	4♌15	14♌39	13♌38	6♎ 5	6♍18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	6s36	11s49	5n14	1s46	0n 7	4s17	1s16	16s36	1s 9	23s24	0n12	3n11	2n43	5s45	0n39	2s 7	1s36	28n37	9n42	16n 4	16n23	2n23	0n21	8s48	F 1
S 2	6 13	14 58	5 7	0 49	0 19	3 47	1 15	16 22	1 9	23 24	0 12	3 13	2 43	5 45	0 39	2 6	1 36	28 38	9 42	16 5	16 24	2 21	0 23	8 48	S 2
S 3	5 50	17 32	4 45	0n 6	0 31	3 16	1 13	16 7	1 9	23 24	0 12	3 15	2 43	5 44	0 39	2 5	1 36	28 38	9 41	16 5	16 25	2 19	0 25	8 48	S 3
M 4	5 27	19 18	4 9	1 1	0 44	2 45	1 12	15 52	1 9	23 24	0 12	3 17	2 43	5 43	0 39	2 5	1 36	28 38	9 41	16 5	16 26	2 17	0 27	8 47	M 4
T 5	5 3	20 6	3 20	1 55	0 56	2 14	1 11	15 37	1 9	23 24	0 12	3 19	2 43	5 42	0 39	2 4	1 36	28 38	9 41	16 5	16 27	2 15	0 29	8 47	T 5
W 6	4 40	19 48	2 18	2 47	1 8	1 43	1 9	15 22	1 10	23 25	0 12	3 21	2 43	5 41	0 39	2 3	1 36	28 38	9 41	16 4	16 27	2 13	0 31	8 47	W 6
T 7	4 17	18 17	1 6	3 38	1 21	1 12	1 8	15 7	1 10	23 25	0 12	3 23	2 43	5 41	0 39	2 2	1 36	28 38	9 41	16 4	16 28	2 10	0 33	8 46	T 7
F 8	3 53	15 33	0s13	4 27	1 33	0 41	1 7	14 51	1 10	23 25	0 12	3 25	2 43	5 40	0 39	2 1	1 36	28 38	9 41	16 4	16 29	2 8	0 35	8 46	F 8
S 9	3 30	11 45	1 32	5 13	1 45	0 10	1 5	14 36	1 10	23 25	0 11	3 26	2 43	5 39	0 39	2 0	1 36	28 39	9 41	16 4	16 30	2 6	0 37	8 46	S 9
S 10	3 6	7 8	2 47	5 57	1 56	0n22	1 3	14 20	1 10	23 25	0 11	3 28	2 44	5 38	0 39	1 59	1 36	28 39	9 41	16 5	16 31	2 4	0 39	8 45	S 10
M11	2 43	2 1	3 50	6 39	2 7	0 53	1 2	14 4	1 10	23 25	0 11	3 30	2 44	5 37	0 39	1 58	1 36	28 39	9 40	16 6	16 32	2 2	0 41	8 45	M11
T 12	2 19	3n13	4 37	7 17	2 18	1 24	1 0	13 48	1 10	23 25	0 11	3 32	2 44	5 36	0 39	1 57	1 36	28 39	9 40	16 8	16 33	2 0	0 43	8 44	T 12
W13	1 56	8 10	5 4	7 53	2 27	1 55	0 58	13 32	1 10	23 25	0 11	3 34	2 44	5 35	0 39	1 56	1 36	28 39	9 40	16 10	16 34	1 58	0 45	8 44	W13
T 14	1 32	12 31	5 10	8 26	2 37	2 26	0 56	13 16	1 11	23 25	0 11	3 36	2 44	5 34	0 39	1 56	1 36	28 39	9 40	16 11	16 35	1 56	0 47	8 43	T 14
F 15	1 9	16 2	4 57	8 55	2 45	2 57	0 55	13 0	1 11	23 25	0 11	3 38	2 44	5 33	0 39	1 55	1 36	28 39	9 40	16 12	16 36	1 53	0 49	8 43	F 15
S 16	0 45	18 30	4 27	9 21	2 52	3 28	0 53	12 43	1 11	23 25	0 11	3 40	2 44	5 32	0 39	1 54	1 36	28 39	9 40	16 13	16 37	1 51	0 51	8 42	S 16
S 17	0 21	19 53	3 43	9 43	2 59	3 59	0 51	12 27	1 11	23 25	0 11	3 42	2 44	5 32	0 39	1 53	1 36	28 39	9 40	16 13	16 38	1 49	0 53	8 42	S 17
M18	0n 2	20 10	2 49	10 2	3 4	4 30	0 49	12 10	1 11	23 25	0 11	3 43	2 44	5 31	0 39	1 52	1 36	28 39	9 39	16 13	16 39	1 47	0 55	8 41	M18
T 19	0 26	19 25	1 48	10 18	3 8	5 1	0 47	11 53	1 11	23 25	0 11	3 45	2 44	5 30	0 39	1 51	1 36	28 39	9 39	16 13	16 40	1 45	0 57	8 41	T 19
W20	0 49	17 45	0 43	10 29	3 11	5 31	0 45	11 37	1 11	23 25	0 11	3 47	2 44	5 29	0 39	1 50	1 36	28 39	9 39	16 12	16 41	1 43	0 59	8 40	W20
T 21	1 13	15 17	0n22	10 37	3 13	6 2	0 43	11 20	1 11	23 25	0 10	3 49	2 44	5 28	0 39	1 49	1 36	28 39	9 39	16 12	16 41	1 41	1 0	8 39	T 21
F 22	1 36	12 12	1 26	10 42	3 14	6 32	0 41	11 3	1 11	23 25	0 10	3 51	2 44	5 27	0 39	1 48	1 36	28 39	9 39	16 13	16 42	1 38	1 2	8 39	F 22
S 23	2 0	8 39	2 25	10 42	3 13	7 3	0 38	10 45	1 11	23 25	0 10	3 53	2 44	5 26	0 39	1 47	1 36	28 39	9 39	16 14	16 43	1 36	1 4	8 38	S 23
S 24	2 23	4 46	3 18	10 39	3 10	7 33	0 36	10 28	1 11	23 25	0 10	3 54	2 44	5 25	0 39	1 47	1 36	28 39	9 38	16 16	16 44	1 34	1 6	8 37	S 24
M25	2 46	0 42	4 1	10 32	3 7	8 3	0 34	10 11	1 11	23 25	0 10	3 56	2 44	5 24	0 39	1 46	1 36	28 39	9 38	16 18	16 45	1 32	1 8	8 37	M25
T 26	3 10	3s23	4 35	10 22	3 1	8 32	0 32	9 53	1 11	23 26	0 10	3 58	2 44	5 23	0 39	1 45	1 36	28 39	9 38	16 21	16 46	1 30	1 10	8 36	T 26
W27	3 33	7 21	4 56	10 8	2 55	9 2	0 29	9 36	1 11	23 26	0 10	4 0	2 44	5 22	0 39	1 44	1 36	28 39	9 38	16 24	16 47	1 28	1 12	8 35	W27
T 28	3 56	11 4	5 5	9 51	2 47	9 31	0 27	9 18	1 11	23 26	0 10	4 1	2 44	5 21	0 39	1 43	1 36	28 39	9 38	16 27	16 48	1 25	1 14	8 35	T 28
F 29	4 19	14 22	5 0	9 31	2 37	10 0	0 25	9 1	1 11	23 26	0 10	4 3	2 44	5 20	0 39	1 42	1 36	28 39	9 38	16 29	16 49	1 23	1 16	8 34	F 29
S 30	4 42	17 6	4 42	9 9	2 26	10 29	0 22	8 43	1 11	23 26	0 10	4 5	2 44	5 19	0 39	1 41	1 36	28 39	9 37	16 32	16 50	1 21	1 18	8 33	S 30
S 31	5n 5	19s 5	4n 9	8n44	2n14	10n58	0s20	8s25	1s11	23s26	0n10	4n 7	2n44	5s18	0n39	1s40	1s36	28n39	9n37	16n33	16n51	1n19	1n19	8s32	S 31

Julian Day Number = 1982270.5, Delta T = 58m31s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'37, Lahiri = 5°57'37 Julian Calendar 1 March 715 == Greg. Calendar 5 March 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

APRIL 715 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 47 43	13♈45'26	2♉45	16°R13	0♉27	12♓12	2♉ 8	25°R54	14°R50	29♓32	4°R15	14°R36	13♌35	6♎11	6°R15	M 1
T 2	12 51 40	14°43'47	15°45	15♈34	1°40	12°58	2°11	25♍50	14♎47	29°34	4♌15	14°D36	13°32	6°18	6♍12	T 2
W 3	12 55 36	15°42'07	29° 8	14°53	2°54	13°44	2°14	25°46	14°44	29°36	4°14	14♌36	13°29	6°25	6° 9	W 3
T 4	12 59 33	16°40'25	12♒56	14°13	4° 8	14°31	2°16	25°42	14°42	29°39	4°14	14°R37	13°26	6°31	6° 6	T 4
F 5	13 3 30	17°38'42	27° 9	13°33	5°21	15°17	2°19	25°37	14°39	29°41	4°14	14°36	13°22	6°38	6° 3	F 5
S 6	13 7 26	18°36'57	11♓48	12°54	6°35	16° 3	2°21	25°33	14°37	29°43	4°14	14°34	13°19	6°45	6° 1	S 6
S 7	13 11 23	19°35'10	26°47	12°17	7°48	16°49	2°23	25°29	14°34	29°45	4°13	14°29	13°16	6°52	5°58	S 7
M 8	13 15 19	20°33'22	12♈ 0	11°43	9° 2	17°35	2°25	25°25	14°32	29°47	4°13	14°21	13°13	6°58	5°56	M 8
T 9	13 19 16	21°31'32	27°16	11°11	10°15	18°21	2°26	25°21	14°29	29°49	4°13	14°12	13°10	7° 5	5°54	T 9
W10	13 23 12	22°29'40	12♉24	10°43	11°29	19° 7	2°28	25°17	14°27	29°52	4°13	14° 2	13° 7	7°12	5°51	W10
T 11	13 27 9	23°27'47	27°15	10°19	12°42	19°53	2°29	25°14	14°24	29°54	4°13	13°52	13° 3	7°18	5°49	T 11
F 12	13 31 5	24°25'51	11♊40	9°59	13°56	20°39	2°30	25°10	14°22	29°56	4°13	13°44	13° 0	7°25	5°47	F 12
S 13	13 35 2	25°23'54	25°35	9°44	15° 9	21°25	2°31	25° 6	14°19	29°58	4°D13	13°39	12°57	7°32	5°45	S 13
S 14	13 38 59	26°21'55	9♋ 1	9°33	16°22	22°11	2°32	25° 3	14°17	29°59	4°13	13°36	12°54	7°38	5°43	S 14
M15	13 42 55	27°19'54	22° 0	9°26	17°36	22°56	2°32	24°59	14°14	0♈ 2	4°13	13°34	12°51	7°45	5°41	M15
T 16	13 46 52	28°17'50	4♌34	9°D25	18°49	23°42	2°32	24°56	14°12	0° 4	4°13	13°D34	12°48	7°52	5°40	T 16
W17	13 50 48	29°15'45	16°51	9°28	20° 2	24°28	2°R33	24°52	14° 9	0° 6	4°13	13°R34	12°44	7°58	5°38	W17
T 18	13 54 45	0♉13'38	28°54	9°36	21°15	25°13	2°33	24°49	14° 7	0° 8	4°13	13°34	12°41	8° 5	5°36	T 18
F 19	13 58 41	1°11'30	10♍48	9°48	22°29	25°59	2°32	24°46	14° 5	0°10	4°13	13°31	12°38	8°12	5°35	F 19
S 20	14 2 38	2° 9'19	22°38	10° 5	23°42	26°44	2°32	24°42	14° 2	0°12	4°14	13°25	12°35	8°19	5°34	S 20
S 21	14 6 34	3° 7'07	4♎27	10°26	24°55	27°30	2°31	24°39	14° 0	0°14	4°14	13°17	12°32	8°25	5°33	S 21
M22	14 10 31	4° 4'53	16°19	10°52	26° 8	28°15	2°30	24°36	13°57	0°16	4°14	13° 6	12°28	8°32	5°31	M22
T 23	14 14 27	5° 2'37	28°15	11°22	27°21	29° 1	2°29	24°33	13°55	0°18	4°14	12°54	12°25	8°39	5°30	T 23
W24	14 18 24	6° 0'20	10♏16	11°55	28°34	29°46	2°28	24°30	13°53	0°20	4°15	12°40	12°22	8°45	5°30	W24
T 25	14 22 21	6°58'02	22°25	12°33	29°47	0♈32	2°27	24°28	13°50	0°22	4°15	12°27	12°19	8°52	5°29	T 25
F 26	14 26 17	7°55'42	4♐41	13°15	1♊ 0	1°17	2°25	24°25	13°48	0°24	4°15	12°14	12°16	8°59	5°28	F 26
S 27	14 30 14	8°53'22	17° 7	14° 0	2°13	2° 2	2°24	24°22	13°46	0°26	4°16	12° 4	12°13	9° 5	5°27	S 27
S 28	14 34 10	9°51'00	29°43	14°49	3°26	2°47	2°22	24°20	13°44	0°28	4°16	11°57	12° 9	9°12	5°27	S 28
M29	14 38 7	10°48'37	12♑32	15°42	4°39	3°32	2°19	24°17	13°42	0°29	4°16	11°53	12° 6	9°19	5°27	M29
T 30	14 42 3	11♉46'12	25♑36	16♈38	5♊51	4♈17	2♑17	24♍15	13♎39	0♈31	4♌17	11♌51	12♌ 3	9♎26	5♍26	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n28	20s10	3n24	8n17	2n 1	11n26	0s17	8s 8	1s11	23s26	0n 9	4n 8	2n43	5s17	0n39	1s39	1s36	28n39	9n37	16n34	16n52	1n17	1n21	8s32
T 2	5 51	20 13	2 28	7 48	1 47	11 54	0 15	7 50	1 11	23 26	0 9	4 10	2 43	5 16	0 39	1 39	1 36	28 39	9 37	16 34	16 52	1 15	1 23	8 31
W 3	6 13	19 8	1 22	7 19	1 31	12 22	0 12	7 32	1 11	23 26	0 9	4 11	2 43	5 15	0 39	1 38	1 36	28 39	9 37	16 34	16 53	1 12	1 25	8 30
T 4	6 36	16 54	0 9	6 48	1 16	12 50	0 10	7 14	1 11	23 26	0 9	4 13	2 43	5 14	0 39	1 37	1 36	28 38	9 36	16 34	16 54	1 10	1 27	8 29
F 5	6 58	13 35	1s 6	6 17	0 59	13 17	0 7	6 56	1 11	23 26	0 9	4 15	2 43	5 13	0 39	1 36	1 36	28 38	9 36	16 34	16 55	1 8	1 28	8 28
S 6	7 21	9 20	2 20	5 47	0 42	13 44	0 5	6 38	1 11	23 26	0 9	4 16	2 43	5 12	0 39	1 35	1 36	28 38	9 36	16 35	16 56	1 6	1 30	8 27
S 7	7 43	4 25	3 25	5 17	0 26	14 10	0 2	6 19	1 11	23 26	0 9	4 18	2 43	5 11	0 39	1 34	1 36	28 38	9 36	16 36	16 57	1 4	1 32	8 27
M 8	8 5	0n51	4 16	4 48	0 9	14 37	0n 0	6 1	1 11	23 26	0 9	4 19	2 43	5 10	0 39	1 34	1 36	28 38	9 36	16 38	16 58	1 2	1 34	8 26
T 9	8 27	6 4	4 50	4 20	0s 8	15 3	0 3	5 43	1 11	23 26	0 9	4 21	2 43	5 9	0 39	1 33	1 37	28 38	9 35	16 41	16 59	0 59	1 35	8 25
W10	8 49	10 52	5 3	3 54	0 25	15 28	0 6	5 25	1 10	23 26	0 9	4 22	2 43	5 8	0 39	1 32	1 37	28 38	9 35	16 44	17 0	0 57	1 37	8 24
T 11	9 10	14 54	4 55	3 29	0 41	15 53	0 8	5 7	1 10	23 26	0 8	4 24	2 43	5 7	0 39	1 31	1 37	28 37	9 35	16 47	17 1	0 55	1 38	8 23
F 12	9 32	17 55	4 28	3 7	0 56	16 18	0 11	4 48	1 10	23 26	0 8	4 25	2 42	5 6	0 39	1 30	1 37	28 37	9 35	16 49	17 2	0 53	1 40	8 22
S 13	9 53	19 46	3 46	2 47	1 11	16 42	0 13	4 30	1 10	23 27	0 8	4 26	2 42	5 5	0 39	1 29	1 37	28 37	9 35	16 51	17 3	0 51	1 42	8 21
S 14	10 15	20 25	2 53	2 30	1 26	17 6	0 16	4 12	1 10	23 27	0 8	4 28	2 42	5 4	0 39	1 29	1 37	28 37	9 34	16 51	17 3	0 48	1 43	8 20
M15	10 36	19 57	1 52	2 15	1 39	17 30	0 19	3 53	1 10	23 27	0 8	4 29	2 42	5 3	0 39	1 28	1 37	28 37	9 34	16 52	17 4	0 46	1 45	8 19
T 16	10 57	18 29	0 48	2 3	1 52	17 53	0 21	3 35	1 10	23 27	0 8	4 30	2 42	5 2	0 39	1 27	1 37	28 36	9 34	16 52	17 5	0 44	1 46	8 19
W17	11 17	16 10	0n17	1 53	2 4	18 15	0 24	3 17	1 9	23 27	0 8	4 31	2 42	5 1	0 39	1 26	1 37	28 36	9 34	16 52	17 6	0 42	1 48	8 18
T 18	11 38	13 12	1 20	1 46	2 15	18 37	0 26	2 58	1 9	23 27	0 8	4 33	2 42	5 1	0 39	1 25	1 37	28 36	9 34	16 52	17 7	0 40	1 49	8 17
F 19	11 58	9 42	2 19	1 41	2 25	18 59	0 29	2 40	1 9	23 27	0 8	4 34	2 41	5 0	0 39	1 25	1 37	28 36	9 33	16 53	17 8	0 38	1 50	8 16
S 20	12 18	5 52	3 11	1 40	2 34	19 20	0 32	2 21	1 9	23 27	0 7	4 35	2 41	4 59	0 39	1 24	1 37	28 36	9 33	16 54	17 9	0 35	1 52	8 15
S 21	12 38	1 48	3 55	1 40	2 42	19 41	0 34	2 3	1 9	23 27	0 7	4 36	2 41	4 58	0 39	1 23	1 37	28 35	9 33	16 57	17 10	0 33	1 53	8 14
M22	12 58	2s20	4 28	1 44	2 50	20 1	0 37	1 45	1 8	23 28	0 7	4 37	2 41	4 57	0 39	1 22	1 37	28 35	9 33	17 0	17 11	0 31	1 54	8 13
T 23	13 18	6 24	4 50	1 50	2 56	20 20	0 39	1 26	1 8	23 28	0 7	4 38	2 41	4 56	0 39	1 22	1 37	28 35	9 33	17 3	17 12	0 29	1 56	8 12
W24	13 37	10 15	5 0	1 58	3 2	20 39	0 42	1 8	1 8	23 28	0 7	4 39	2 41	4 55	0 39	1 21	1 37	28 34	9 32	17 7	17 12	0 27	1 57	8 11
T 25	13 56	13 44	4 55	2 8	3 6	20 58	0 44	0 50	1 8	23 28	0 7	4 40	2 40	4 54	0 39	1 20	1 37	28 34	9 32	17 11	17 13	0 24	1 58	8 10
F 26	14 15	16 40	4 38	2 21	3 10	21 16	0 47	0 31	1 8	23 28	0 7	4 41	2 40	4 53	0 39	1 19	1 37	28 34	9 32	17 15	17 14	0 22	1 59	8 9
S 27	14 34	18 53	4 6	2 36	3 13	21 33	0 49	0 13	1 7	23 28	0 7	4 42	2 40	4 53	0 39	1 19	1 37	28 34	9 32	17 17	17 15	0 20	2 1	8 8
S 28	14 52	20 13	3 23	2 53	3 15	21 50	0 52	0n 5	1 7	23 28	0 7	4 43	2 40	4 52	0 39	1 18	1 37	28 33	9 32	17 19	17 16	0 18	2 2	8 7
M29	15 10	20 33	2 28	3 12	3 17	22 6	0 54	0 24	1 7	23 29	0 6	4 44	2 40	4 51	0 39	1 17	1 37	28 33	9 31	17 21	17 17	0 16	2 3	8 6
T 30	15n28	19s47	1n25	3n32	3s18	22n22	0n57	0n42	1s 7	23s29	0n 6	4n44	2n40	4s50	0n39	1s17	1s37	28n33	9n31	17n21	17n18	0n13	2n 4	8s 5

Julian Day Number = 1982301.5, Delta T = 58m31s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'41, Lahiri = 5°57'41 Julian Calendar 1 Apr. 715 == Greg. Calendar 5 Apr. 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

MAY 715 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 46 0	12♉43'47	8♒57	17♈37	7♊ 4	5♈ 3	2°R15	24°R12	13°R37	0♈33	4♌17	11°R51	12♌ 0	9♎32	5°R26	W 1
T 2	14 49 56	13°41'21	22°38	18°39	8°17	5°47	2♑12	24♍10	13♎35	0°35	4°18	11♌51	11°57	9°39	5°D26	T 2
F 3	14 53 53	14°38'54	6♓40	19°44	9°30	6°32	2° 9	24° 8	13°33	0°37	4°18	11°50	11°54	9°46	5♍26	F 3
S 4	14 57 50	15°36'26	21° 4	20°52	10°42	7°17	2° 6	24° 6	13°31	0°38	4°19	11°47	11°50	9°52	5°26	S 4
S 5	15 1 46	16°33'57	5♈47	22° 3	11°55	8° 2	2° 3	24° 4	13°29	0°40	4°20	11°41	11°47	9°59	5°26	S 5
M 6	15 5 43	17°31'27	20°44	23°18	13° 8	8°47	2° 0	24° 2	13°27	0°42	4°20	11°33	11°44	10° 6	5°27	M 6
T 7	15 9 39	18°28'57	5♉47	24°34	14°20	9°32	1°56	24° 1	13°25	0°43	4°21	11°23	11°41	10°12	5°27	T 7
W 8	15 13 36	19°26'25	20°45	25°54	15°33	10°16	1°52	23°59	13°23	0°45	4°22	11°12	11°38	10°19	5°28	W 8
T 9	15 17 32	20°23'52	5♊31	27°16	16°45	11° 1	1°48	23°57	13°21	0°47	4°22	11° 1	11°34	10°26	5°28	T 9
F 10	15 21 29	21°21'18	19°55	28°41	17°58	11°46	1°44	23°56	13°20	0°48	4°23	10°52	11°31	10°33	5°29	F 10
S 11	15 25 25	22°18'44	3♋53	0♉ 9	19°10	12°30	1°40	23°54	13°18	0°50	4°24	10°45	11°28	10°39	5°30	S 11
S 12	15 29 22	23°16'07	17°22	1°39	20°23	13°14	1°36	23°53	13°16	0°51	4°25	10°41	11°25	10°46	5°31	S 12
M13	15 33 19	24°13'30	0♌24	3°12	21°35	13°59	1°31	23°52	13°14	0°53	4°25	10°39	11°22	10°53	5°32	M13
T 14	15 37 15	25°10'52	13° 2	4°48	22°48	14°43	1°26	23°51	13°13	0°54	4°26	10°D39	11°19	10°59	5°33	T 14
W15	15 41 12	26° 8'12	25°21	6°26	24° 0	15°27	1°22	23°50	13°11	0°56	4°27	10°R39	11°15	11° 6	5°35	W15
T 16	15 45 8	27° 5'31	7♍24	8° 7	25°12	16°12	1°17	23°49	13° 9	0°57	4°28	10°39	11°12	11°13	5°36	T 16
F 17	15 49 5	28° 2'50	19°19	9°50	26°24	16°56	1°11	23°48	13° 8	0°59	4°29	10°37	11° 9	11°20	5°38	F 17
S 18	15 53 1	29° 0'07	1♎10	11°36	27°37	17°40	1° 6	23°48	13° 6	1° 0	4°30	10°33	11° 6	11°26	5°39	S 18
S 19	15 56 58	29°57'23	13° 1	13°24	28°49	18°24	1° 1	23°47	13° 5	1° 2	4°31	10°26	11° 3	11°33	5°41	S 19
M20	16 0 54	0♊54'38	24°55	15°15	0♋ 1	19° 8	0°55	23°46	13° 3	1° 3	4°32	10°17	10°59	11°40	5°43	M20
T 21	16 4 51	1°51'52	6♏56	17° 8	1°13	19°52	0°49	23°46	13° 2	1° 4	4°33	10° 6	10°56	11°46	5°45	T 21
W22	16 8 48	2°49'06	19° 7	19° 4	2°25	20°36	0°44	23°46	13° 1	1° 6	4°34	9°54	10°53	11°53	5°47	W22
T 23	16 12 44	3°46'19	1♐27	21° 2	3°37	21°19	0°38	23°46	12°59	1° 7	4°35	9°42	10°50	12° 0	5°49	T 23
F 24	16 16 41	4°43'32	13°58	23° 2	4°49	22° 3	0°31	23°D45	12°58	1° 8	4°36	9°32	10°47	12° 6	5°51	F 24
S 25	16 20 37	5°40'44	26°39	25° 4	6° 1	22°47	0°25	23°45	12°57	1° 9	4°37	9°23	10°44	12°13	5°53	S 25
S 26	16 24 34	6°37'55	9♑32	27° 8	7°13	23°30	0°19	23°46	12°56	1°10	4°38	9°17	10°40	12°20	5°56	S 26
M27	16 28 30	7°35'07	22°37	29°14	8°24	24°14	0°12	23°46	12°54	1°12	4°39	9°14	10°37	12°27	5°58	M27
T 28	16 32 27	8°32'18	5♒53	1♊22	9°36	24°57	0° 6	23°46	12°53	1°13	4°41	9°D12	10°34	12°33	6° 1	T 28
W29	16 36 24	9°29'28	19°23	3°30	10°48	25°41	29♐59	23°46	12°52	1°14	4°42	9°13	10°31	12°40	6° 4	W29
T 30	16 40 20	10°26'39	3♓ 6	5°40	12° 0	26°24	29°52	23°47	12°51	1°15	4°43	9°13	10°28	12°47	6° 6	T 30
F 31	16 44 17	11♊23'50	17♓ 5	7♊51	13♋11	27♈ 7	29♐46	23♍48	12♎50	1♈16	4♌44	9°R13	10♌25	12♎53	6♍ 9	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n46	17s54	0n15	3n55	3s18	22n36	0n59	1n 0	1s 6	23s29	0n 6	4n45	2n39	4s49	0n38	1s16	1s37	28n32	9n31	17n21	17n19	0n11	2n 5	8s 4
T 2	16 3	14 58	0s57	4 19	3 17	22 51	1 1	1 18	1 6	23 29	0 6	4 46	2 39	4 48	0 38	1 15	1 37	28 32	9 31	17 21	17 20	0 9	2 6	8 3
F 3	16 21	11 5	2 7	4 46	3 15	23 4	1 4	1 37	1 6	23 29	0 6	4 46	2 39	4 48	0 38	1 15	1 37	28 32	9 31	17 22	17 20	0 7	2 7	8 2
S 4	16 38	6 29	3 11	5 13	3 13	23 17	1 6	1 55	1 5	23 29	0 6	4 47	2 39	4 47	0 38	1 14	1 37	28 31	9 30	17 22	17 21	0 5	2 8	8 1
S 5	16 54	1 25	4 4	5 43	3 10	23 30	1 8	2 13	1 5	23 30	0 6	4 48	2 39	4 46	0 38	1 13	1 37	28 31	9 30	17 24	17 22	0 2	2 8	8 0
M 6	17 11	3n48	4 41	6 13	3 7	23 42	1 10	2 31	1 5	23 30	0 6	4 48	2 38	4 45	0 38	1 13	1 37	28 31	9 30	17 26	17 23	0 0	2 9	7 59
T 7	17 27	8 50	4 59	6 45	3 2	23 53	1 12	2 49	1 5	23 30	0 5	4 49	2 38	4 45	0 38	1 12	1 37	28 30	9 30	17 29	17 24	0s 2	2 10	7 58
W 8	17 43	13 18	4 56	7 19	2 58	24 3	1 15	3 7	1 4	23 30	0 5	4 49	2 38	4 44	0 38	1 11	1 38	28 30	9 30	17 32	17 25	0 4	2 11	7 57
T 9	17 58	16 53	4 34	7 54	2 52	24 13	1 17	3 25	1 4	23 30	0 5	4 50	2 38	4 43	0 38	1 11	1 38	28 30	9 30	17 35	17 26	0 6	2 12	7 56
F 10	18 13	19 19	3 54	8 30	2 46	24 22	1 19	3 42	1 4	23 31	0 5	4 50	2 38	4 43	0 38	1 10	1 38	28 29	9 29	17 38	17 27	0 9	2 12	7 55
S 11	18 28	20 31	3 2	9 7	2 40	24 30	1 21	4 0	1 3	23 31	0 5	4 50	2 37	4 42	0 38	1 10	1 38	28 29	9 29	17 39	17 28	0 11	2 13	7 53
S 12	18 43	20 29	2 0	9 45	2 33	24 37	1 23	4 18	1 3	23 31	0 5	4 51	2 37	4 41	0 38	1 9	1 38	28 29	9 29	17 40	17 28	0 13	2 14	7 52
M13	18 57	19 19	0 54	10 24	2 25	24 44	1 24	4 36	1 2	23 31	0 5	4 51	2 37	4 41	0 38	1 8	1 38	28 28	9 29	17 41	17 29	0 15	2 14	7 51
T 14	19 11	17 13	0n13	11 3	2 17	24 51	1 26	4 53	1 2	23 31	0 4	4 51	2 37	4 40	0 38	1 8	1 38	28 28	9 29	17 41	17 30	0 18	2 15	7 50
W15	19 25	14 22	1 17	11 44	2 9	24 56	1 28	5 11	1 2	23 31	0 4	4 51	2 36	4 39	0 38	1 7	1 38	28 27	9 28	17 41	17 31	0 20	2 15	7 49
T 16	19 39	10 58	2 17	12 25	2 0	25 1	1 30	5 28	1 1	23 32	0 4	4 52	2 36	4 39	0 38	1 7	1 38	28 27	9 28	17 41	17 32	0 22	2 16	7 48
F 17	19 52	7 10	3 10	13 7	1 50	25 5	1 32	5 46	1 1	23 32	0 4	4 52	2 36	4 38	0 38	1 6	1 38	28 27	9 28	17 42	17 33	0 24	2 16	7 47
S 18	20 4	3 7	3 54	13 49	1 41	25 8	1 33	6 3	1 1	23 32	0 4	4 52	2 36	4 38	0 38	1 6	1 38	28 26	9 28	17 43	17 34	0 26	2 16	7 46
S 19	20 17	1s 3	4 29	14 32	1 31	25 11	1 35	6 20	1 0	23 32	0 4	4 52	2 36	4 37	0 38	1 5	1 38	28 26	9 28	17 45	17 35	0 29	2 17	7 45
M20	20 29	5 12	4 51	15 15	1 20	25 12	1 36	6 37	1 0	23 32	0 4	4 52	2 35	4 36	0 38	1 5	1 38	28 25	9 28	17 47	17 35	0 31	2 17	7 44
T 21	20 41	9 10	5 2	15 57	1 10	25 14	1 38	6 54	0 59	23 33	0 4	4 52	2 35	4 36	0 38	1 4	1 38	28 25	9 27	17 50	17 36	0 33	2 17	7 43
W22	20 52	12 50	4 58	16 40	0 59	25 14	1 39	7 11	0 59	23 33	0 3	4 52	2 35	4 35	0 38	1 4	1 38	28 25	9 27	17 53	17 37	0 35	2 17	7 42
T 23	21 3	16 0	4 41	17 22	0 48	25 14	1 40	7 28	0 58	23 33	0 3	4 51	2 35	4 35	0 38	1 3	1 38	28 24	9 27	17 56	17 38	0 37	2 18	7 41
F 24	21 14	18 30	4 10	18 4	0 37	25 12	1 42	7 45	0 58	23 33	0 3	4 51	2 34	4 34	0 38	1 3	1 38	28 24	9 27	17 59	17 39	0 40	2 18	7 40
S 25	21 24	20 7	3 26	18 45	0 26	25 11	1 43	8 2	0 58	23 33	0 3	4 51	2 34	4 34	0 38	1 2	1 38	28 23	9 27	18 2	17 40	0 42	2 18	7 39
S 26	21 34	20 45	2 31	19 25	0 15	25 8	1 44	8 18	0 57	23 33	0 3	4 51	2 34	4 34	0 38	1 2	1 38	28 23	9 27	18 3	17 41	0 44	2 18	7 38
M27	21 44	20 15	1 27	20 4	0 4	25 5	1 45	8 35	0 57	23 34	0 3	4 50	2 34	4 33	0 38	1 2	1 39	28 22	9 26	18 4	17 42	0 46	2 18	7 37
T 28	21 53	18 39	0 18	20 42	0n 7	25 1	1 46	8 51	0 56	23 34	0 3	4 50	2 33	4 33	0 38	1 1	1 39	28 22	9 26	18 4	17 42	0 49	2 18	7 36
W29	22 2	15 58	0s54	21 18	0 18	24 56	1 47	9 8	0 56	23 34	0 2	4 50	2 33	4 32	0 38	1 1	1 39	28 21	9 26	18 4	17 43	0 51	2 18	7 35
T 30	22 10	12 22	2 4	21 52	0 28	24 51	1 48	9 24	0 55	23 34	0 2	4 49	2 33	4 32	0 38	1 0	1 39	28 21	9 26	18 4	17 44	0 53	2 18	7 34
F 31	22n18	8s 1	3s 8	22n24	0n38	24n45	1n48	9n40	0s55	23s34	0n 2	4n49	2n33	4s32	0n38	1s 0	1s39	28n21	9n26	18n 4	17n45	0s55	2n18	7s33

Julian Day Number = 1982331.5, Delta T = 58m30s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'45, Lahiri = 5°57'46 Julian Calendar 1 May 715 == Greg. Calendar 5 May 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

JUNE 715 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 48 13	12♊21'00	1♈18	10♊ 2	14♋23	27♈51	29°R39	23♍48	12°R50	1♈17	4♌45	9°R12	10♌21	13♎ 0	6♍12	S 1
S 2	16 52 10	13°18'11	15°44	12°13	15°34	28°34	29♐32	23°49	12♎49	1°18	4°47	9♌ 8	10°18	13° 7	6°15	S 2
M 3	16 56 6	14°15'21	0♉19	14°24	16°46	29°17	29°24	23°50	12°48	1°19	4°48	9° 3	10°15	13°14	6°19	M 3
T 4	17 0 3	15°12'32	14°59	16°35	17°57	29°59	29°17	23°51	12°47	1°20	4°49	8°55	10°12	13°20	6°22	T 4
W 5	17 3 59	16° 9'42	29°35	18°45	19° 9	0♉43	29°10	23°52	12°46	1°21	4°51	8°47	10° 9	13°27	6°25	W 5
T 6	17 7 56	17° 6'53	14♊ 1	20°55	20°20	1°26	29° 3	23°53	12°46	1°22	4°52	8°39	10° 5	13°34	6°29	T 6
F 7	17 11 53	18° 4'03	28°11	23° 3	21°31	2° 9	28°55	23°55	12°45	1°22	4°53	8°33	10° 2	13°40	6°32	F 7
S 8	17 15 49	19° 1'14	12♋ 0	25°10	22°43	2°51	28°48	23°56	12°45	1°23	4°55	8°28	9°59	13°47	6°36	S 8
S 9	17 19 46	19°58'24	25°24	27°16	23°54	3°34	28°40	23°57	12°44	1°24	4°56	8°25	9°56	13°54	6°40	S 9
M10	17 23 42	20°55'34	8♌25	29°21	25° 5	4°17	28°33	23°59	12°44	1°25	4°58	8°D24	9°53	14° 1	6°44	M10
T 11	17 27 39	21°52'43	21° 4	1♍24	26°16	4°59	28°25	24° 1	12°43	1°25	4°59	8°25	9°50	14° 7	6°48	T 11
W12	17 31 35	22°49'53	3♍24	3°25	27°27	5°42	28°17	24° 2	12°43	1°26	5° 1	8°26	9°46	14°14	6°52	W12
T 13	17 35 32	23°47'02	15°30	5°24	28°38	6°24	28°10	24° 4	12°43	1°27	5° 2	8°27	9°43	14°21	6°56	T 13
F 14	17 39 28	24°44'11	27°27	7°21	29°49	7° 6	28° 2	24° 6	12°42	1°27	5° 4	8°R28	9°40	14°27	7° 0	F 14
S 15	17 43 25	25°41'20	9♎19	9°17	1♌ 0	7°48	27°54	24° 8	12°42	1°28	5° 5	8°26	9°37	14°34	7° 4	S 15
S 16	17 47 22	26°38'28	21°12	11°11	2°10	8°31	27°47	24°11	12°42	1°28	5° 7	8°24	9°34	14°41	7° 9	S 16
M17	17 51 18	27°35'37	3♏10	13° 2	3°21	9°13	27°39	24°13	12°42	1°29	5° 8	8°19	9°31	14°47	7°13	M17
T 18	17 55 15	28°32'46	15°16	14°52	4°32	9°55	27°31	24°15	12°D42	1°29	5°10	8°13	9°27	14°54	7°18	T 18
W19	17 59 11	29°29'55	27°34	16°40	5°42	10°37	27°24	24°18	12°42	1°30	5°11	8° 7	9°24	15° 1	7°22	W19
T 20	18 3 8	0♋27'04	10♐ 5	18°26	6°53	11°18	27°16	24°20	12°42	1°30	5°13	8° 0	9°21	15° 8	7°27	T 20
F 21	18 7 4	1°24'13	22°50	20°10	8° 3	12° 0	27° 8	24°23	12°42	1°31	5°15	7°54	9°18	15°14	7°32	F 21
S 22	18 11 1	2°21'23	5♑50	21°52	9°14	12°42	27° 1	24°25	12°42	1°31	5°16	7°50	9°15	15°21	7°37	S 22
S 23	18 14 57	3°18'33	19° 4	23°32	10°24	13°24	26°53	24°28	12°43	1°31	5°18	7°47	9°11	15°28	7°42	S 23
M24	18 18 54	4°15'44	2♒31	25°10	11°34	14° 5	26°45	24°31	12°43	1°32	5°20	7°D45	9° 8	15°34	7°47	M24
T 25	18 22 51	5°12'55	16°10	26°47	12°45	14°47	26°38	24°34	12°43	1°32	5°21	7°46	9° 5	15°41	7°52	T 25
W26	18 26 47	6°10'07	29°58	28°21	13°55	15°28	26°30	24°37	12°44	1°32	5°23	7°47	9° 2	15°48	7°57	W26
T 27	18 30 44	7° 7'20	13♓56	29°53	15° 5	16° 9	26°23	24°40	12°44	1°32	5°25	7°48	8°59	15°55	8° 2	T 27
F 28	18 34 40	8° 4'33	28° 1	1♌24	16°15	16°51	26°15	24°44	12°45	1°33	5°26	7°49	8°56	16° 1	8° 7	F 28
S 29	18 38 37	9° 1'47	12♈12	2°52	17°24	17°32	26° 8	24°47	12°45	1°33	5°28	7°R50	8°52	16° 8	8°13	S 29
S 30	18 42 33	9♋59'03	26♈27	4♌18	18♌34	18♉13	26♐ 1	24♍50	12♎46	1♈33	5♌30	7♌49	8♌49	16♎15	8♍18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n26	3s10	4s 2	22n54	0n48	24n38	1n49	9n56	0s54	23s34	0n 2	4n48	2n32	4s31	0n38	1s 0	1s39	28n20	9n26	18n 5	17n46	0s58	2n17	7s32	
S 2	22 33	1n55	4 41	23 21	0 57	24 30	1 50	10 12	0 54	23 34	0 2	4 48	2 32	4 31	0 38	0 59	1 39	28 20	9 26	18 6	17 47	1 0	2 17	7 31	
M 3	22 40	6 57	5 2	23 46	1 5	24 22	1 50	10 28	0 53	23 34	0 2	4 47	2 32	4 31	0 37	0 59	1 39	28 19	9 25	18 7	17 48	1 2	2 17	7 30	
T 4	22 47	11 36	5 4	24 8	1 13	24 13	1 51	10 44	0 53	23 35	0 2	4 47	2 32	4 31	0 37	0 59	1 39	28 19	9 25	18 9	17 49	1 4	2 17	7 29	
W 5	22 53	15 33	4 46	24 28	1 20	24 3	1 51	10 59	0 52	23 35	0 1	4 46	2 32	4 30	0 37	0 58	1 39	28 18	9 25	18 11	17 49	1 7	2 16	7 28	
T 6	22 58	18 30	4 10	24 44	1 27	23 53	1 51	11 15	0 52	23 35	0 1	4 45	2 31	4 30	0 37	0 58	1 39	28 18	9 25	18 13	17 50	1 9	2 16	7 27	
F 7	23 4	20 16	3 19	24 58	1 33	23 42	1 51	11 30	0 51	23 35	0 1	4 45	2 31	4 30	0 37	0 58	1 39	28 17	9 25	18 15	17 51	1 11	2 16	7 26	
S 8	23 9	20 47	2 17	25 9	1 38	23 31	1 52	11 45	0 51	23 35	0 1	4 44	2 31	4 30	0 37	0 58	1 39	28 17	9 25	18 16	17 52	1 13	2 15	7 25	
S 9	23 13	20 4	1 10	25 17	1 43	23 18	1 52	12 0	0 50	23 35	0 1	4 43	2 31	4 30	0 37	0 57	1 39	28 16	9 25	18 17	17 53	1 15	2 15	7 24	
M10	23 17	18 17	0n 0	25 23	1 46	23 5	1 51	12 15	0 49	23 35	0 1	4 42	2 30	4 29	0 37	0 57	1 39	28 16	9 25	18 17	17 54	1 18	2 14	7 24	
T 11	23 21	15 39	1 8	25 25	1 49	22 52	1 51	12 30	0 49	23 35	0 0	4 41	2 30	4 29	0 37	0 57	1 39	28 15	9 24	18 17	17 55	1 20	2 14	7 23	
W12	23 24	12 22	2 11	25 25	1 52	22 38	1 51	12 45	0 48	23 35	0 0	4 40	2 30	4 29	0 37	0 57	1 39	28 15	9 24	18 17	17 55	1 22	2 13	7 22	
T 13	23 27	8 37	3 7	25 23	1 53	22 23	1 51	13 0	0 48	23 35	0 0	4 39	2 30	4 29	0 37	0 56	1 39	28 14	9 24	18 16	17 56	1 24	2 12	7 21	
F 14	23 30	4 36	3 54	25 18	1 54	22 8	1 50	13 14	0 47	23 35	0 0	4 38	2 29	4 29	0 37	0 56	1 40	28 14	9 24	18 16	17 57	1 27	2 12	7 20	
S 15	23 32	0 26	4 31	25 11	1 55	21 52	1 50	13 28	0 47	23 35	0s 0	4 37	2 29	4 29	0 37	0 56	1 40	28 13	9 24	18 17	17 58	1 29	2 11	7 19	
S 16	23 34	3s45	4 56	25 1	1 54	21 35	1 49	13 43	0 46	23 35	0 0	4 36	2 29	4 29	0 37	0 56	1 40	28 13	9 24	18 17	17 59	1 31	2 10	7 18	
M17	23 35	7 49	5 8	24 50	1 53	21 18	1 49	13 57	0 45	23 35	0 0	4 35	2 29	4 29	0 37	0 56	1 40	28 12	9 24	18 19	18 0	1 33	2 9	7 17	
T 18	23 36	11 38	5 7	24 37	1 51	21 0	1 48	14 11	0 45	23 35	0 1	4 34	2 28	4 29	0 37	0 56	1 40	28 12	9 24	18 20	18 1	1 36	2 8	7 16	
W19	23 36	15 0	4 52	24 21	1 49	20 42	1 47	14 25	0 44	23 35	0 1	4 33	2 28	4 29	0 37	0 56	1 40	28 11	9 24	18 22	18 1	1 38	2 8	7 15	
T 20	23 36	17 47	4 23	24 5	1 46	20 23	1 46	14 38	0 44	23 35	0 1	4 32	2 28	4 29	0 37	0 55	1 40	28 11	9 24	18 23	18 2	1 40	2 7	7 14	
F 21	23 36	19 45	3 40	23 46	1 43	20 4	1 45	14 52	0 43	23 35	0 1	4 30	2 28	4 29	0 37	0 55	1 40	28 10	9 24	18 25	18 3	1 42	2 6	7 14	
S 22	23 35	20 44	2 45	23 26	1 39	19 44	1 44	15 5	0 42	23 35	0 1	4 29	2 28	4 29	0 37	0 55	1 40	28 10	9 23	18 26	18 4	1 45	2 5	7 13	
S 23	23 34	20 35	1 40	23 5	1 34	19 24	1 43	15 18	0 42	23 35	0 1	4 28	2 27	4 29	0 37	0 55	1 40	28 9	9 23	18 27	18 5	1 47	2 4	7 12	
M24	23 32	19 16	0 29	22 42	1 29	19 3	1 41	15 31	0 41	23 35	0 1	4 26	2 27	4 30	0 37	0 55	1 40	28 9	9 23	18 27	18 6	1 49	2 3	7 11	
T 25	23 30	16 50	0s46	22 19	1 23	18 42	1 40	15 44	0 40	23 35	0 2	4 25	2 27	4 30	0 37	0 55	1 40	28 8	9 23	18 27	18 6	1 51	2 2	7 10	
W26	23 28	13 24	1 59	21 54	1 17	18 20	1 38	15 57	0 40	23 35	0 2	4 24	2 27	4 30	0 37	0 55	1 40	28 8	9 23	18 27	18 7	1 54	2 0	7 9	
T 27	23 25	9 12	3 5	21 28	1 11	17 58	1 37	16 10	0 39	23 35	0 2	4 22	2 26	4 30	0 37	0 55	1 40	28 7	9 23	18 27	18 8	1 56	1 59	7 9	
F 28	23 21	4 28	4 1	21 2	1 4	17 35	1 35	16 22	0 38	23 35	0 2	4 21	2 26	4 30	0 37	0 55	1 40	28 7	9 23	18 26	18 9	1 58	1 58	7 8	
S 29	23 18	0n31	4 43	20 34	0 57	17 12	1 33	16 35	0 38	23 35	0 2	4 19	2 26	4 31	0 36	0 55	1 40	28 6	9 23	18 26	18 10	2 1	1 57	7 7	
S 30	23n13	5n30	5s 7	20n 6	0n49	16n49	1n31	16n47	0s37	23s35	0s 2	4n18	2n26	4s31	0n36	0s55	1s41	28n 6	9n23	18n26	18n11	2s 3	1n56	7s 6	

Julian Day Number = 1982362.5, Delta T = 58m29s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'49, Lahiri = 5°57'50 Julian Calendar 1 June 715 == Greg. Calendar 5 June 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

JULY 715 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 46 30	10♋56'19	10♉44	5♌43	19♌44	18♉54	25°R53	24♍54	12♎46	1♈33	5♌32	7°R47	8♌46	16♎21	8♍24	M 1
T 2	18 50 26	11°53'36	24°59	7° 5	20°54	19°35	25♐46	24°57	12°47	1°R33	5°33	7♌44	8°43	16°28	8°29	T 2
W 3	18 54 23	12°50'54	9♊ 8	8°25	22° 3	20°16	25°39	25° 1	12°48	1°33	5°35	7°40	8°40	16°35	8°35	W 3
T 4	18 58 20	13°48'13	23° 7	9°44	23°13	20°56	25°32	25° 5	12°49	1°33	5°37	7°37	8°37	16°42	8°41	T 4
F 5	19 2 16	14°45'33	6♋53	11° 0	24°22	21°37	25°25	25° 9	12°49	1°33	5°39	7°34	8°33	16°48	8°47	F 5
S 6	19 6 13	15°42'54	20°23	12°13	25°31	22°18	25°18	25°12	12°50	1°33	5°41	7°32	8°30	16°55	8°53	S 6
S 7	19 10 9	16°40'16	3♌34	13°25	26°41	22°58	25°12	25°16	12°51	1°32	5°42	7°D31	8°27	17° 2	8°59	S 7
M 8	19 14 6	17°37'39	16°26	14°34	27°50	23°39	25° 5	25°21	12°52	1°32	5°44	7°31	8°24	17° 8	9° 5	M 8
T 9	19 18 2	18°35'02	29° 0	15°40	28°59	24°19	24°58	25°25	12°53	1°32	5°46	7°32	8°21	17°15	9°11	T 9
W10	19 21 59	19°32'26	11♍19	16°44	0♍ 8	24°59	24°52	25°29	12°54	1°32	5°48	7°34	8°17	17°22	9°17	W10
T 11	19 25 55	20°29'50	23°25	17°46	1°17	25°39	24°46	25°33	12°56	1°32	5°50	7°35	8°14	17°29	9°23	T 11
F 12	19 29 52	21°27'16	5♎23	18°44	2°25	26°19	24°40	25°38	12°57	1°31	5°52	7°36	8°11	17°35	9°29	F 12
S 13	19 33 49	22°24'42	17°16	19°40	3°34	26°59	24°34	25°42	12°58	1°31	5°53	7°R37	8° 8	17°42	9°36	S 13
S 14	19 37 45	23°22'09	29° 9	20°32	4°42	27°39	24°28	25°47	12°59	1°31	5°55	7°37	8° 5	17°49	9°42	S 14
M15	19 41 42	24°19'36	11♏ 8	21°22	5°51	28°19	24°22	25°51	13° 1	1°30	5°57	7°36	8° 2	17°55	9°49	M15
T 16	19 45 38	25°17'05	23°16	22° 8	6°59	28°59	24°16	25°56	13° 2	1°30	5°59	7°35	7°58	18° 2	9°55	T 16
W17	19 49 35	26°14'35	5♐37	22°51	8° 7	29°38	24°11	26° 1	13° 4	1°29	6° 1	7°34	7°55	18° 9	10° 2	W17
T 18	19 53 31	27°12'05	18°15	23°30	9°15	0♊18	24° 5	26° 5	13° 5	1°29	6° 3	7°32	7°52	18°16	10° 8	T 18
F 19	19 57 28	28° 9'37	1♑11	24° 5	10°23	0°57	24° 0	26°10	13° 7	1°28	6° 5	7°31	7°49	18°22	10°15	F 19
S 20	20 1 24	29° 7'10	14°26	24°36	11°31	1°37	23°55	26°15	13° 8	1°28	6° 7	7°30	7°46	18°29	10°22	S 20
S 21	20 5 21	0♌ 4'44	28° 1	25° 2	12°39	2°16	23°50	26°20	13°10	1°27	6° 9	7°30	7°43	18°36	10°29	S 21
M22	20 9 18	1° 2'19	11♒52	25°25	13°47	2°55	23°45	26°25	13°12	1°27	6°10	7°D30	7°39	18°42	10°35	M22
T 23	20 13 14	1°59'55	25°57	25°42	14°54	3°34	23°41	26°30	13°13	1°26	6°12	7°30	7°36	18°49	10°42	T 23
W24	20 17 11	2°57'33	10♓12	25°55	16° 1	4°13	23°36	26°36	13°15	1°25	6°14	7°30	7°33	18°56	10°49	W24
T 25	20 21 7	3°55'12	24°33	26° 2	17° 8	4°52	23°32	26°41	13°17	1°25	6°16	7°31	7°30	19° 3	10°56	T 25
F 26	20 25 4	4°52'53	8♈55	26°R 4	18°16	5°31	23°28	26°46	13°19	1°24	6°18	7°31	7°27	19° 9	11° 3	F 26
S 27	20 29 0	5°50'36	23°15	26° 0	19°22	6° 9	23°24	26°52	13°21	1°23	6°20	7°31	7°23	19°16	11°10	S 27
S 28	20 32 57	6°48'20	7♉30	25°51	20°29	6°48	23°20	26°57	13°23	1°22	6°22	7°31	7°20	19°23	11°17	S 28
M29	20 36 53	7°46'06	21°36	25°36	21°36	7°26	23°17	27° 3	13°25	1°21	6°24	7°31	7°17	19°29	11°25	M29
T 30	20 40 50	8°43'54	5♊33	25°16	22°42	8° 5	23°13	27° 8	13°27	1°21	6°26	7°31	7°14	19°36	11°32	T 30
W31	20 44 47	9♌41'44	19♊18	24♌49	23♍49	8♊43	23♐10	27♍14	13♎29	1♈20	6♌28	7♌31	7♌11	19♎43	11♍39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 9	10n11	5s13	19n38	0n41	16n25	1n29	16n59	0s36	23s35	0s 3	4n16	2n26	4s31	0n36	0s55	1s41	28n 5	9n23	18n27	18n11	2s 5	1n54	7s 5
T 2	23 4	14 18	4 59	19 9	0 32	16 0	1 27	17 11	0 36	23 35	0 3	4 14	2 25	4 32	0 36	0 55	1 41	28 5	9 23	18 28	18 12	2 7	1 53	7 4
W 3	22 59	17 34	4 28	18 39	0 23	15 36	1 25	17 22	0 35	23 35	0 3	4 13	2 25	4 32	0 36	0 55	1 41	28 5	9 23	18 29	18 13	2 10	1 52	7 4
T 4	22 53	19 46	3 40	18 10	0 14	15 11	1 23	17 34	0 34	23 35	0 3	4 11	2 25	4 32	0 36	0 55	1 41	28 4	9 23	18 30	18 14	2 12	1 50	7 3
F 5	22 47	20 45	2 41	17 40	0 5	14 45	1 20	17 45	0 33	23 35	0 3	4 9	2 25	4 33	0 36	0 55	1 41	28 4	9 23	18 30	18 15	2 14	1 49	7 2
S 6	22 40	20 31	1 33	17 10	0s 5	14 19	1 18	17 56	0 33	23 34	0 3	4 7	2 25	4 33	0 36	0 55	1 41	28 3	9 23	18 31	18 16	2 16	1 47	7 1
S 7	22 33	19 8	0 22	16 40	0 15	13 53	1 15	18 8	0 32	23 34	0 3	4 6	2 24	4 33	0 36	0 56	1 41	28 3	9 23	18 31	18 16	2 19	1 46	7 1
M 8	22 26	16 48	0n49	16 10	0 26	13 27	1 13	18 18	0 31	23 34	0 4	4 4	2 24	4 34	0 36	0 56	1 41	28 2	9 23	18 31	18 17	2 21	1 44	7 0
T 9	22 18	13 42	1 56	15 40	0 36	13 0	1 10	18 29	0 31	23 34	0 4	4 2	2 24	4 34	0 36	0 56	1 41	28 2	9 23	18 31	18 18	2 23	1 43	6 59
W10	22 10	10 5	2 56	15 11	0 47	12 33	1 7	18 40	0 30	23 34	0 4	4 0	2 24	4 35	0 36	0 56	1 41	28 1	9 23	18 30	18 19	2 25	1 41	6 58
T 11	22 2	6 6	3 47	14 42	0 58	12 6	1 4	18 50	0 29	23 34	0 4	3 58	2 24	4 35	0 36	0 56	1 41	28 1	9 23	18 30	18 20	2 28	1 39	6 58
F 12	21 53	1 56	4 28	14 13	1 9	11 38	1 1	19 0	0 28	23 34	0 4	3 56	2 23	4 36	0 36	0 56	1 41	28 0	9 23	18 30	18 21	2 30	1 38	6 57
S 13	21 44	2s16	4 56	13 44	1 21	11 10	0 58	19 10	0 28	23 34	0 4	3 54	2 23	4 36	0 36	0 56	1 41	28 0	9 23	18 30	18 21	2 32	1 36	6 56
S 14	21 34	6 22	5 13	13 17	1 33	10 42	0 55	19 20	0 27	23 34	0 4	3 52	2 23	4 37	0 36	0 57	1 41	27 59	9 23	18 30	18 22	2 34	1 34	6 56
M15	21 24	10 16	5 15	12 50	1 44	10 14	0 52	19 30	0 26	23 33	0 5	3 50	2 23	4 37	0 36	0 57	1 41	27 59	9 23	18 30	18 23	2 37	1 32	6 55
T 16	21 14	13 48	5 4	12 24	1 56	9 45	0 49	19 40	0 25	23 33	0 5	3 48	2 23	4 38	0 36	0 57	1 42	27 58	9 23	18 30	18 24	2 39	1 31	6 54
W17	21 3	16 48	4 39	11 59	2 8	9 17	0 45	19 49	0 24	23 33	0 5	3 46	2 22	4 39	0 36	0 57	1 42	27 58	9 23	18 30	18 25	2 41	1 29	6 54
T 18	20 52	19 6	4 0	11 35	2 20	8 48	0 42	19 58	0 24	23 33	0 5	3 44	2 22	4 39	0 36	0 58	1 42	27 57	9 23	18 31	18 26	2 44	1 27	6 53
F 19	20 40	20 28	3 8	11 12	2 32	8 18	0 38	20 7	0 23	23 33	0 5	3 42	2 22	4 40	0 36	0 58	1 42	27 57	9 23	18 31	18 26	2 46	1 25	6 52
S 20	20 28	20 45	2 4	10 51	2 43	7 49	0 34	20 16	0 22	23 33	0 5	3 40	2 22	4 40	0 36	0 58	1 42	27 56	9 23	18 31	18 27	2 48	1 23	6 52
S 21	20 16	19 51	0 52	10 31	2 55	7 20	0 30	20 25	0 21	23 33	0 5	3 38	2 22	4 41	0 36	0 58	1 42	27 56	9 23	18 31	18 28	2 50	1 21	6 51
M22	20 4	17 44	0s24	10 13	3 6	6 50	0 27	20 33	0 20	23 33	0 5	3 36	2 22	4 42	0 36	0 59	1 42	27 55	9 23	18 31	18 29	2 53	1 19	6 50
T 23	19 51	14 32	1 41	9 56	3 18	6 20	0 23	20 41	0 20	23 33	0 6	3 33	2 21	4 43	0 36	0 59	1 42	27 55	9 23	18 31	18 30	2 55	1 17	6 50
W24	19 38	10 26	2 52	9 42	3 29	5 50	0 19	20 50	0 19	23 33	0 6	3 31	2 21	4 43	0 36	0 59	1 42	27 55	9 23	18 31	18 31	2 57	1 15	6 49
T 25	19 24	5 44	3 52	9 30	3 39	5 20	0 15	20 58	0 18	23 33	0 6	3 29	2 21	4 44	0 35	1 0	1 42	27 54	9 23	18 31	18 31	2 59	1 13	6 49
F 26	19 11	0 42	4 39	9 20	3 49	4 50	0 10	21 5	0 17	23 32	0 6	3 27	2 21	4 45	0 35	1 0	1 42	27 54	9 23	18 31	18 32	3 2	1 11	6 48
S 27	18 56	4n20	5 7	9 12	3 58	4 20	0 6	21 13	0 16	23 32	0 6	3 24	2 21	4 46	0 35	1 0	1 42	27 53	9 23	18 31	18 33	3 4	1 9	6 47
S 28	18 42	9 7	5 17	9 7	4 7	3 49	0 2	21 21	0 15	23 32	0 6	3 22	2 21	4 46	0 35	1 1	1 42	27 53	9 23	18 31	18 34	3 6	1 7	6 47
M29	18 27	13 20	5 8	9 5	4 14	3 19	0s 3	21 28	0 14	23 32	0 6	3 20	2 20	4 47	0 35	1 1	1 42	27 52	9 23	18 31	18 35	3 9	1 4	6 46
T 30	18 12	16 47	4 40	9 5	4 21	2 48	0 7	21 35	0 14	23 32	0 7	3 17	2 20	4 48	0 35	1 1	1 42	27 52	9 24	18 31	18 35	3 11	1 2	6 46
W31	17n57	19n14	3s57	9n 9	4s27	2n18	0s12	21n42	0s13	23s32	0s 7	3n15	2n20	4s49	0n35	1s 2	1s42	27n51	9n24	18n31	18n36	3s13	1n 0	6s45

Julian Day Number = 1982392.5, Delta T = 58m28s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'53, Lahiri = 5°57'54 Julian Calendar 1 July 715 == Greg. Calendar 5 July 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

AUGUST 715 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 48 43	10♌39'36	2♋51	24°R18	24♍55	9♊21	23°R 7	27♍20	13♎31	1°R19	6♌30	7♌31	7♌ 8	19♎50	11♍46	T 1
F 2	20 52 40	11°37'29	16°10	23♌40	26° 1	9°59	23♐ 4	27°25	13°33	1♈18	6°31	7°32	7° 4	19°56	11°54	F 2
S 3	20 56 36	12°35'24	29°16	22°58	27° 7	10°37	23° 1	27°31	13°36	1°17	6°33	7°32	7° 1	20° 3	12° 1	S 3
S 4	21 0 33	13°33'21	12♌ 8	22°12	28°12	11°15	22°59	27°37	13°38	1°16	6°35	7°R32	6°58	20°10	12° 9	S 4
M 5	21 4 29	14°31'19	24°46	21°21	29°18	11°53	22°56	27°43	13°40	1°15	6°37	7°32	6°55	20°17	12°16	M 5
T 6	21 8 26	15°29'19	7♍11	20°28	0♎23	12°30	22°54	27°49	13°43	1°14	6°39	7°31	6°52	20°23	12°24	T 6
W 7	21 12 22	16°27'20	19°24	19°33	1°28	13° 8	22°52	27°55	13°45	1°13	6°41	7°30	6°49	20°30	12°31	W 7
T 8	21 16 19	17°25'23	1♎27	18°37	2°33	13°45	22°50	28° 1	13°47	1°12	6°43	7°29	6°45	20°37	12°39	T 8
F 9	21 20 16	18°23'28	13°23	17°40	3°38	14°23	22°49	28° 7	13°50	1°11	6°45	7°27	6°42	20°43	12°46	F 9
S 10	21 24 12	19°21'33	25°15	16°46	4°42	15° 0	22°47	28°13	13°52	1°10	6°47	7°26	6°39	20°50	12°54	S 10
S 11	21 28 9	20°19'41	7♏ 8	15°54	5°47	15°37	22°46	28°19	13°55	1° 8	6°48	7°25	6°36	20°57	13° 2	S 11
M12	21 32 5	21°17'50	19° 5	15° 6	6°51	16°14	22°45	28°26	13°58	1° 7	6°50	7°D25	6°33	21° 4	13° 9	M12
T 13	21 36 2	22°16'00	1♐11	14°23	7°55	16°51	22°44	28°32	14° 0	1° 6	6°52	7°25	6°29	21°10	13°17	T 13
W14	21 39 58	23°14'12	13°31	13°45	8°58	17°27	22°43	28°38	14° 3	1° 5	6°54	7°26	6°26	21°17	13°25	W14
T 15	21 43 55	24°12'26	26° 8	13°15	10° 2	18° 4	22°43	28°45	14° 6	1° 4	6°56	7°27	6°23	21°24	13°32	T 15
F 16	21 47 51	25°10'41	9♑ 7	12°52	11° 5	18°40	22°43	28°51	14° 8	1° 2	6°58	7°28	6°20	21°30	13°40	F 16
S 17	21 51 48	26° 8'58	22°30	12°38	12° 8	19°17	22°D43	28°58	14°11	1° 1	7° 0	7°29	6°17	21°37	13°48	S 17
S 18	21 55 45	27° 7'17	6♒17	12°D32	13°11	19°53	22°43	29° 4	14°14	1° 0	7° 1	7°R30	6°14	21°44	13°56	S 18
M19	21 59 41	28° 5'37	20°27	12°36	14°13	20°29	22°43	29°11	14°17	0°58	7° 3	7°29	6°10	21°51	14° 4	M19
T 20	22 3 38	29° 3'59	4♓56	12°48	15°15	21° 5	22°44	29°17	14°20	0°57	7° 5	7°28	6° 7	21°57	14°12	T 20
W21	22 7 34	0♍ 2'23	19°39	13°10	16°17	21°41	22°44	29°24	14°23	0°56	7° 7	7°25	6° 4	22° 4	14°20	W21
T 22	22 11 31	1° 0'49	4♈27	13°40	17°19	22°16	22°45	29°31	14°26	0°54	7° 9	7°22	6° 1	22°11	14°28	T 22
F 23	22 15 27	1°59'17	19°14	14°19	18°20	22°52	22°46	29°37	14°29	0°53	7°10	7°19	5°58	22°17	14°35	F 23
S 24	22 19 24	2°57'47	3♉53	15° 7	19°21	23°27	22°48	29°44	14°32	0°51	7°12	7°16	5°54	22°24	14°43	S 24
S 25	22 23 20	3°56'20	18°17	16° 3	20°21	24° 2	22°49	29°51	14°35	0°50	7°14	7°14	5°51	22°31	14°51	S 25
M26	22 27 17	4°54'55	2♊25	17° 5	21°22	24°38	22°51	29°58	14°38	0°49	7°16	7°D13	5°48	22°38	14°59	M26
T 27	22 31 14	5°53'32	16°13	18°15	22°22	25°13	22°52	0♎ 5	14°41	0°47	7°17	7°14	5°45	22°44	15° 7	T 27
W28	22 35 10	6°52'12	29°43	19°31	23°21	25°48	22°54	0°11	14°44	0°46	7°19	7°15	5°42	22°51	15°15	W28
T 29	22 39 7	7°50'54	12♋57	20°53	24°20	26°22	22°57	0°18	14°47	0°44	7°21	7°17	5°39	22°58	15°24	T 29
F 30	22 43 3	8°49'38	25°54	22°19	25°19	26°57	22°59	0°25	14°50	0°43	7°22	7°18	5°35	23° 4	15°32	F 30
S 31	22 47 0	9♍48'24	8♌38	23♌50	26♎18	27♊31	23♐ 2	0♎32	14♎54	0♈41	7♌24	7°R18	5♌32	23♎11	15♍40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n41	20n34	3s 1	9n16	4s31	1n47	0s16	21n49	0s12	23s32	0s 7	3n12	2n20	4s50	0n35	1s 2	1s42	27n51	9n24	18n31	18n37	3s15	0n58	6s45
F 2	17 25	20 42	1 56	9 25	4 33	1 17	0 21	21 55	0 11	23 32	0 7	3 10	2 20	4 51	0 35	1 3	1 42	27 51	9 24	18 31	18 38	3 18	0 55	6 44
S 3	17 9	19 42	0 46	9 38	4 34	0 46	0 26	22 2	0 10	23 32	0 7	3 8	2 20	4 52	0 35	1 3	1 43	27 50	9 24	18 31	18 39	3 20	0 53	6 44
S 4	16 52	17 41	0n25	9 53	4 34	0 15	0 30	22 8	0 9	23 32	0 7	3 5	2 20	4 53	0 35	1 4	1 43	27 50	9 24	18 31	18 39	3 22	0 51	6 43
M 5	16 35	14 50	1 34	10 12	4 31	0s15	0 35	22 14	0 8	23 32	0 7	3 3	2 19	4 53	0 35	1 4	1 43	27 49	9 24	18 31	18 40	3 25	0 48	6 43
T 6	16 18	11 22	2 37	10 33	4 27	0 46	0 40	22 20	0 7	23 32	0 7	3 0	2 19	4 54	0 35	1 4	1 43	27 49	9 24	18 31	18 41	3 27	0 46	6 42
W 7	16 1	7 28	3 32	10 56	4 21	1 17	0 45	22 26	0 6	23 32	0 7	2 58	2 19	4 55	0 35	1 5	1 43	27 49	9 24	18 31	18 42	3 29	0 44	6 42
T 8	15 43	3 20	4 16	11 21	4 13	1 47	0 50	22 31	0 5	23 32	0 8	2 55	2 19	4 56	0 35	1 5	1 43	27 48	9 24	18 32	18 43	3 31	0 41	6 41
F 9	15 25	0s53	4 49	11 48	4 2	2 18	0 55	22 36	0 5	23 32	0 8	2 52	2 19	4 57	0 35	1 6	1 43	27 48	9 25	18 32	18 44	3 34	0 39	6 41
S 10	15 7	5 2	5 9	12 15	3 50	2 49	1 1	22 42	0 4	23 32	0 8	2 50	2 19	4 58	0 35	1 6	1 43	27 47	9 25	18 32	18 44	3 36	0 36	6 40
S 11	14 49	9 0	5 16	12 44	3 37	3 19	1 6	22 47	0 3	23 32	0 8	2 47	2 19	4 59	0 35	1 7	1 43	27 47	9 25	18 33	18 45	3 38	0 34	6 40
M12	14 30	12 39	5 10	13 12	3 22	3 49	1 11	22 52	0 2	23 32	0 8	2 45	2 19	5 0	0 35	1 7	1 43	27 47	9 25	18 33	18 46	3 41	0 31	6 39
T 13	14 11	15 49	4 49	13 40	3 6	4 20	1 16	22 56	0 1	23 32	0 8	2 42	2 18	5 2	0 35	1 8	1 43	27 46	9 25	18 33	18 47	3 43	0 29	6 39
W14	13 52	18 21	4 16	14 8	2 48	4 50	1 22	23 1	0n 0	23 32	0 8	2 39	2 18	5 3	0 35	1 8	1 43	27 46	9 25	18 32	18 48	3 45	0 26	6 38
T 15	13 33	20 4	3 29	14 34	2 30	5 20	1 27	23 5	0 1	23 32	0 8	2 37	2 18	5 4	0 35	1 9	1 43	27 46	9 25	18 32	18 48	3 47	0 23	6 38
F 16	13 13	20 47	2 30	14 58	2 11	5 50	1 33	23 9	0 2	23 33	0 9	2 34	2 18	5 5	0 35	1 10	1 43	27 45	9 26	18 32	18 49	3 50	0 21	6 38
S 17	12 53	20 22	1 22	15 20	1 52	6 20	1 38	23 13	0 3	23 33	0 9	2 31	2 18	5 6	0 35	1 10	1 43	27 45	9 26	18 32	18 50	3 52	0 18	6 37
S 18	12 33	18 43	0 7	15 40	1 33	6 50	1 44	23 17	0 4	23 33	0 9	2 29	2 18	5 7	0 35	1 11	1 43	27 45	9 26	18 31	18 51	3 54	0 16	6 37
M19	12 13	15 53	1s11	15 57	1 15	7 19	1 49	23 21	0 5	23 33	0 9	2 26	2 18	5 8	0 35	1 11	1 43	27 44	9 26	18 31	18 51	3 57	0 13	6 36
T 20	11 53	12 1	2 25	16 11	0 56	7 48	1 55	23 24	0 6	23 33	0 9	2 23	2 18	5 9	0 35	1 12	1 43	27 44	9 26	18 32	18 52	3 59	0 10	6 36
W21	11 32	7 22	3 31	16 22	0 38	8 18	2 0	23 28	0 7	23 33	0 9	2 21	2 18	5 10	0 35	1 12	1 43	27 44	9 26	18 32	18 53	4 1	0 8	6 36
T 22	11 11	2 15	4 24	16 30	0 21	8 47	2 6	23 31	0 8	23 33	0 9	2 18	2 18	5 12	0 35	1 13	1 43	27 43	9 27	18 33	18 54	4 3	0 5	6 35
F 23	10 50	2n59	4 58	16 34	0 5	9 16	2 12	23 34	0 9	23 34	0 9	2 15	2 17	5 13	0 35	1 14	1 43	27 43	9 27	18 34	18 55	4 6	0 2	6 35
S 24	10 29	7 59	5 13	16 35	0n11	9 44	2 17	23 37	0 10	23 34	0 9	2 12	2 17	5 14	0 35	1 14	1 43	27 43	9 27	18 35	18 55	4 8	0s 1	6 35
S 25	10 8	12 28	5 8	16 32	0 25	10 13	2 23	23 40	0 12	23 34	0 9	2 9	2 17	5 15	0 35	1 15	1 43	27 42	9 27	18 35	18 56	4 10	0 3	6 34
M26	9 46	16 9	4 44	16 26	0 39	10 41	2 29	23 42	0 13	23 34	0 10	2 7	2 17	5 16	0 34	1 15	1 43	27 42	9 27	18 36	18 57	4 13	0 6	6 34
T 27	9 25	18 50	4 4	16 16	0 51	11 9	2 34	23 45	0 14	23 34	0 10	2 4	2 17	5 18	0 34	1 16	1 43	27 42	9 28	18 35	18 58	4 15	0 9	6 34
W28	9 3	20 25	3 11	16 3	1 2	11 36	2 40	23 47	0 15	23 34	0 10	2 1	2 17	5 19	0 34	1 17	1 44	27 42	9 28	18 35	18 59	4 17	0 12	6 34
T 29	8 41	20 49	2 9	15 46	1 12	12 4	2 46	23 49	0 16	23 35	0 10	1 58	2 17	5 20	0 34	1 17	1 44	27 41	9 28	18 35	18 59	4 20	0 15	6 33
F 30	8 19	20 6	1 2	15 26	1 20	12 31	2 52	23 51	0 17	23 35	0 10	1 55	2 17	5 21	0 34	1 18	1 44	27 41	9 28	18 34	19 0	4 22	0 18	6 33
S 31	7n57	18n21	0n 7	15n 3	1n28	12s58	2s57	23n53	0n18	23s35	0s10	1n53	2n17	5s23	0n34	1s19	1s44	27n41	9n28	18n34	19n 1	4s24	0s20	6s33

Julian Day Number = 1982423.5, Delta T = 58m28s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°50'58, Lahiri = 5°57'58 Julian Calendar 1 Aug. 715 == Greg. Calendar 5 Aug. 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

SEPTEMBER 715 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 50 56	10♍47'13	21♌11	25♌25	27♎16	28♊ 6	23♐ 4	0♎39	14♎57	0°R40	7♌26	7°R18	5♌29	23♎18	15♍48	S 1
M 2	22 54 53	11°46'03	3♍32	27° 3	28°14	28°40	23° 7	0°46	15° 0	0♈38	7°27	7♌15	5°26	23°25	15°56	M 2
T 3	22 58 49	12°44'56	15°45	28°44	29°11	29°14	23°11	0°53	15° 3	0°36	7°29	7°10	5°23	23°31	16° 4	T 3
W 4	23 2 46	13°43'51	27°50	0♍27	0♏ 8	29°47	23°14	1° 0	15° 7	0°35	7°31	7° 5	5°20	23°38	16°12	W 4
T 5	23 6 42	14°42'47	9♎49	2°11	1° 4	0♋21	23°17	1° 7	15°10	0°33	7°32	6°58	5°16	23°45	16°20	T 5
F 6	23 10 39	15°41'46	21°42	3°57	2° 0	0°55	23°21	1°14	15°13	0°32	7°34	6°50	5°13	23°52	16°28	F 6
S 7	23 14 36	16°40'47	3♏33	5°44	2°55	1°28	23°25	1°22	15°17	0°30	7°35	6°43	5°10	23°58	16°36	S 7
S 8	23 18 32	17°39'49	15°25	7°31	3°50	2° 1	23°29	1°29	15°20	0°28	7°37	6°38	5° 7	24° 5	16°44	S 8
M 9	23 22 29	18°38'54	27°20	9°19	4°45	2°34	23°33	1°36	15°24	0°27	7°38	6°33	5° 4	24°12	16°53	M 9
T 10	23 26 25	19°38'00	9♐23	11° 7	5°38	3° 7	23°38	1°43	15°27	0°25	7°40	6°31	5° 0	24°18	17° 1	T 10
W11	23 30 22	20°37'08	21°38	12°55	6°31	3°39	23°42	1°50	15°31	0°23	7°41	6°D30	4°57	24°25	17° 9	W11
T 12	23 34 18	21°36'18	4♑11	14°43	7°24	4°12	23°47	1°57	15°34	0°22	7°43	6°31	4°54	24°32	17°17	T 12
F 13	23 38 15	22°35'30	17° 5	16°31	8°16	4°44	23°52	2° 5	15°38	0°20	7°44	6°32	4°51	24°39	17°25	F 13
S 14	23 42 11	23°34'44	0♒25	18°18	9° 7	5°16	23°57	2°12	15°41	0°18	7°46	6°R33	4°48	24°45	17°33	S 14
S 15	23 46 8	24°33'59	14°13	20° 5	9°58	5°48	24° 2	2°19	15°45	0°17	7°47	6°33	4°45	24°52	17°41	S 15
M16	23 50 5	25°33'17	28°30	21°51	10°48	6°20	24° 8	2°26	15°48	0°15	7°49	6°31	4°41	24°59	17°49	M16
T 17	23 54 1	26°32'36	13♓11	23°37	11°37	6°51	24°13	2°33	15°52	0°13	7°50	6°27	4°38	25° 5	17°57	T 17
W18	23 57 58	27°31'57	28°12	25°22	12°25	7°22	24°19	2°41	15°56	0°12	7°51	6°21	4°35	25°12	18° 5	W18
T 19	0 1 54	28°31'21	13♈23	27° 7	13°13	7°54	24°25	2°48	15°59	0°10	7°53	6°13	4°32	25°19	18°13	T 19
F 20	0 5 51	29°30'46	28°34	28°50	14° 0	8°24	24°31	2°55	16° 3	0° 8	7°54	6° 5	4°29	25°26	18°21	F 20
S 21	0 9 47	0♎30'14	13♉35	0♎33	14°46	8°55	24°37	3° 3	16° 7	0° 7	7°55	5°57	4°26	25°32	18°29	S 21
S 22	0 13 44	1°29'44	28°16	2°16	15°31	9°26	24°44	3°10	16°10	0° 5	7°57	5°51	4°22	25°39	18°37	S 22
M23	0 17 40	2°29'17	12♊34	3°57	16°15	9°56	24°50	3°17	16°14	0° 3	7°58	5°47	4°19	25°46	18°45	M23
T 24	0 21 37	3°28'52	26°27	5°38	16°58	10°26	24°57	3°24	16°18	0° 2	7°59	5°46	4°16	25°53	18°53	T 24
W25	0 25 34	4°28'30	9♋54	7°19	17°40	10°56	25° 4	3°32	16°21	0° 0	8° 0	5°D45	4°13	25°59	19° 1	W25
T 26	0 29 30	5°28'09	22°58	8°58	18°21	11°26	25°11	3°39	16°25	29♓58	8° 1	5°46	4°10	26° 6	19° 9	T 26
F 27	0 33 27	6°27'52	5♌43	10°37	19° 1	11°55	25°18	3°46	16°29	29°57	8° 3	5°R47	4° 6	26°13	19°17	F 27
S 28	0 37 23	7°27'36	18°12	12°16	19°40	12°24	25°25	3°53	16°32	29°55	8° 4	5°46	4° 3	26°19	19°25	S 28
S 29	0 41 20	8°27'22	0♍30	13°53	20°18	12°53	25°33	4° 1	16°36	29°53	8° 5	5°43	4° 0	26°26	19°33	S 29
M30	0 45 16	9♎27'11	12♍39	15♎31	20♏54	13♋22	25♐40	4♎ 8	16♎40	29♓52	8♌ 6	5♌37	3♌57	26♎33	19♍41	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n34	15n43	1n15	14n37	1n34	13s25	3s 3	23n55	0n19	23s35	0s10	1n50	2n17	5s24	0n34	1s19	1s44	27n41	9n29	18n35	19n 2	4s26	0s23	6s32
M 2	7 12	12 25	2 18	14 8	1 40	13 51	3 9	23 56	0 20	23 36	0 10	1 47	2 17	5 25	0 34	1 20	1 44	27 40	9 29	18 35	19 3	4 29	0 26	6 32
T 3	6 49	8 38	3 14	13 37	1 44	14 17	3 14	23 58	0 21	23 36	0 10	1 44	2 17	5 27	0 34	1 20	1 44	27 40	9 29	18 36	19 3	4 31	0 29	6 32
W 4	6 26	4 32	4 0	13 4	1 48	14 43	3 20	23 59	0 23	23 36	0 10	1 41	2 17	5 28	0 34	1 21	1 44	27 40	9 29	18 38	19 4	4 33	0 32	6 32
T 5	6 4	0 19	4 36	12 29	1 50	15 8	3 26	24 0	0 24	23 36	0 11	1 38	2 17	5 29	0 34	1 22	1 44	27 40	9 29	18 40	19 5	4 36	0 35	6 32
F 6	5 41	3s54	4 59	11 52	1 52	15 33	3 31	24 1	0 25	23 37	0 11	1 35	2 17	5 31	0 34	1 22	1 44	27 40	9 30	18 41	19 6	4 38	0 38	6 31
S 7	5 18	7 57	5 9	11 13	1 53	15 58	3 37	24 2	0 26	23 37	0 11	1 33	2 17	5 32	0 34	1 23	1 44	27 39	9 30	18 43	19 6	4 40	0 41	6 31
S 8	4 54	11 42	5 6	10 33	1 53	16 22	3 43	24 3	0 27	23 37	0 11	1 30	2 17	5 33	0 34	1 24	1 44	27 39	9 30	18 45	19 7	4 42	0 44	6 31
M 9	4 31	15 0	4 49	9 51	1 52	16 46	3 48	24 3	0 29	23 38	0 11	1 27	2 16	5 35	0 34	1 24	1 44	27 39	9 30	18 46	19 8	4 45	0 47	6 31
T 10	4 8	17 43	4 20	9 9	1 51	17 10	3 54	24 4	0 30	23 38	0 11	1 24	2 16	5 36	0 34	1 25	1 44	27 39	9 31	18 46	19 9	4 47	0 50	6 31
W11	3 45	19 42	3 39	8 25	1 49	17 33	3 59	24 4	0 31	23 38	0 11	1 21	2 16	5 37	0 34	1 26	1 44	27 39	9 31	18 46	19 9	4 49	0 53	6 30
T 12	3 21	20 46	2 46	7 41	1 46	17 56	4 5	24 4	0 32	23 39	0 11	1 18	2 16	5 39	0 34	1 26	1 44	27 39	9 31	18 46	19 10	4 52	0 56	6 30
F 13	2 58	20 48	1 43	6 56	1 43	18 18	4 10	24 4	0 33	23 39	0 11	1 15	2 16	5 40	0 34	1 27	1 44	27 38	9 31	18 46	19 11	4 54	0 59	6 30
S 14	2 34	19 40	0 33	6 11	1 40	18 40	4 15	24 5	0 35	23 39	0 11	1 12	2 16	5 42	0 34	1 28	1 44	27 38	9 32	18 46	19 12	4 56	1 2	6 30
S 15	2 10	17 20	0s41	5 25	1 36	19 1	4 21	24 4	0 36	23 40	0 11	1 9	2 16	5 43	0 34	1 28	1 44	27 38	9 32	18 46	19 13	4 59	1 5	6 30
M16	1 47	13 53	1 55	4 39	1 32	19 22	4 26	24 4	0 37	23 40	0 12	1 6	2 16	5 44	0 34	1 29	1 44	27 38	9 32	18 46	19 13	5 1	1 8	6 30
T 17	1 23	9 29	3 4	3 53	1 27	19 43	4 31	24 4	0 38	23 40	0 12	1 4	2 16	5 46	0 34	1 30	1 44	27 38	9 33	18 47	19 14	5 3	1 11	6 30
W18	0 59	4 24	4 1	3 7	1 23	20 3	4 36	24 4	0 40	23 41	0 12	1 1	2 16	5 47	0 34	1 30	1 44	27 38	9 33	18 49	19 15	5 5	1 14	6 29
T 19	0 35	0n59	4 42	2 20	1 17	20 22	4 41	24 3	0 41	23 41	0 12	0 58	2 16	5 49	0 34	1 31	1 44	27 38	9 33	18 51	19 16	5 8	1 17	6 29
F 20	0 12	6 19	5 3	1 34	1 12	20 41	4 46	24 2	0 42	23 41	0 12	0 55	2 16	5 50	0 34	1 32	1 44	27 38	9 33	18 53	19 16	5 10	1 20	6 29
S 21	0s12	11 12	5 3	0 48	1 7	21 0	4 51	24 2	0 44	23 42	0 12	0 52	2 16	5 51	0 34	1 33	1 44	27 38	9 34	18 55	19 17	5 12	1 23	6 29
S 22	0 36	15 19	4 43	0 1	1 1	21 18	4 55	24 1	0 45	23 42	0 12	0 49	2 16	5 53	0 34	1 33	1 44	27 37	9 34	18 56	19 18	5 15	1 26	6 29
M23	1 0	18 24	4 5	0s45	0 55	21 35	5 0	24 0	0 46	23 42	0 12	0 46	2 16	5 54	0 34	1 34	1 44	27 37	9 34	18 57	19 19	5 17	1 29	6 29
T 24	1 24	20 19	3 14	1 31	0 49	21 52	5 4	23 59	0 48	23 43	0 12	0 43	2 16	5 56	0 34	1 35	1 44	27 37	9 35	18 58	19 19	5 19	1 32	6 29
W25	1 47	21 0	2 14	2 16	0 42	22 9	5 9	23 58	0 49	23 43	0 12	0 40	2 16	5 57	0 34	1 35	1 44	27 37	9 35	18 58	19 20	5 22	1 35	6 29
T 26	2 11	20 31	1 8	3 2	0 36	22 25	5 13	23 57	0 51	23 43	0 12	0 37	2 16	5 59	0 34	1 36	1 44	27 37	9 35	18 58	19 21	5 24	1 38	6 29
F 27	2 35	18 58	0 0	3 47	0 30	22 40	5 17	23 56	0 52	23 44	0 12	0 35	2 16	6 0	0 34	1 37	1 44	27 37	9 35	18 57	19 22	5 26	1 41	6 29
S 28	2 59	16 31	1n 6	4 32	0 23	22 55	5 21	23 54	0 53	23 44	0 13	0 32	2 16	6 1	0 34	1 37	1 44	27 37	9 36	18 58	19 22	5 29	1 45	6 29
S 29	3 23	13 22	2 8	5 16	0 16	23 9	5 24	23 53	0 55	23 44	0 13	0 29	2 17	6 3	0 34	1 38	1 44	27 37	9 36	18 58	19 23	5 31	1 48	6 29
M30	3s46	9n40	3n 3	6s 0	0n10	23s22	5s28	23n52	0n56	23s45	0s13	0n26	2n17	6s 4	0n34	1s39	1s44	27n37	9n36	19n 0	19n24	5s33	1s51	6s29

Julian Day Number = 1982454.5, Delta T = 58m27s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'02, Lahiri = 5°58'02 Julian Calendar 1 Sept. 715 == Greg. Calendar 5 Sept. 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

OCTOBER 715 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 49 13	10♎27'02	24♍41	17♎ 7	21♏30	13♋50	25♐48	4♎15	16♎44	29°R50	8♌ 7	5°R29	3♌54	26♎40	19♍49	T 1
W 2	0 53 9	11°26'55	6♎38	18°43	22° 3	14°18	25°56	4°22	16°47	29♓48	8° 8	5♌18	3°51	26°46	19°56	W 2
T 3	0 57 6	12°26'50	18°32	20°19	22°36	14°46	26° 4	4°30	16°51	29°47	8° 9	5° 5	3°47	26°53	20° 4	T 3
F 4	1 1 2	13°26'47	0♏24	21°53	23° 7	15°14	26°12	4°37	16°55	29°45	8°10	4°51	3°44	27° 0	20°12	F 4
S 5	1 4 59	14°26'46	12°15	23°28	23°37	15°41	26°21	4°44	16°59	29°44	8°11	4°38	3°41	27° 6	20°20	S 5
S 6	1 8 56	15°26'47	24° 8	25° 2	24° 5	16° 8	26°29	4°51	17° 2	29°42	8°12	4°27	3°38	27°13	20°27	S 6
M 7	1 12 52	16°26'49	6♐ 4	26°35	24°31	16°35	26°38	4°59	17° 6	29°40	8°13	4°18	3°35	27°20	20°35	M 7
T 8	1 16 49	17°26'54	18° 7	28° 8	24°56	17° 1	26°46	5° 6	17°10	29°39	8°14	4°11	3°31	27°27	20°43	T 8
W 9	1 20 45	18°27'00	0♑21	29°40	25°19	17°28	26°55	5°13	17°14	29°37	8°15	4° 8	3°28	27°33	20°50	W 9
T 10	1 24 42	19°27'08	12°49	1♏12	25°40	17°53	27° 4	5°20	17°17	29°36	8°15	4° 6	3°25	27°40	20°58	T 10
F 11	1 28 38	20°27'17	25°36	2°44	25°59	18°19	27°13	5°27	17°21	29°34	8°16	4°D 6	3°22	27°47	21° 5	F 11
S 12	1 32 35	21°27'28	8♒48	4°15	26°17	18°44	27°23	5°34	17°25	29°33	8°17	4°R 6	3°19	27°54	21°13	S 12
S 13	1 36 31	22°27'40	22°27	5°46	26°32	19° 9	27°32	5°41	17°29	29°31	8°18	4° 5	3°16	28° 0	21°20	S 13
M14	1 40 28	23°27'54	6♓36	7°16	26°45	19°34	27°41	5°48	17°32	29°30	8°18	4° 2	3°12	28° 7	21°28	M14
T 15	1 44 25	24°28'10	21°13	8°45	26°57	19°58	27°51	5°55	17°36	29°28	8°19	3°56	3° 9	28°14	21°35	T 15
W16	1 48 21	25°28'27	6♈15	10°15	27° 6	20°22	28° 1	6° 2	17°40	29°27	8°20	3°47	3° 6	28°20	21°42	W16
T 17	1 52 18	26°28'46	21°33	11°43	27°12	20°46	28°11	6° 9	17°44	29°25	8°20	3°37	3° 3	28°27	21°50	T 17
F 18	1 56 14	27°29'07	6♉55	13°12	27°17	21° 9	28°20	6°16	17°47	29°24	8°21	3°25	3° 0	28°34	21°57	F 18
S 19	2 0 11	28°29'29	22°11	14°40	27°R19	21°32	28°31	6°23	17°51	29°22	8°22	3°14	2°57	28°41	22° 4	S 19
S 20	2 4 7	29°29'53	7♊ 9	16° 7	27°18	21°55	28°41	6°30	17°55	29°21	8°22	3° 5	2°53	28°47	22°11	S 20
M21	2 8 4	0♏30'20	21°42	17°34	27°16	22°17	28°51	6°37	17°59	29°19	8°23	2°59	2°50	28°54	22°18	M21
T 22	2 12 0	1°30'48	5♋45	19° 0	27°10	22°39	29° 1	6°44	18° 2	29°18	8°23	2°55	2°47	29° 1	22°25	T 22
W23	2 15 57	2°31'18	19°19	20°25	27° 3	23° 0	29°12	6°51	18° 6	29°17	8°24	2°53	2°44	29° 7	22°32	W23
T 24	2 19 54	3°31'50	2♌25	21°50	26°53	23°21	29°23	6°58	18°10	29°15	8°24	2°53	2°41	29°14	22°39	T 24
F 25	2 23 50	4°32'24	15° 9	23°14	26°40	23°42	29°33	7° 4	18°13	29°14	8°25	2°53	2°37	29°21	22°46	F 25
S 26	2 27 47	5°33'00	27°33	24°37	26°25	24° 2	29°44	7°11	18°17	29°13	8°25	2°51	2°34	29°28	22°53	S 26
S 27	2 31 43	6°33'37	9♍44	26° 0	26° 8	24°22	29°55	7°18	18°21	29°12	8°25	2°48	2°31	29°34	23° 0	S 27
M28	2 35 40	7°34'17	21°45	27°21	25°49	24°41	0♑ 6	7°24	18°24	29°10	8°26	2°41	2°28	29°41	23° 6	M28
T 29	2 39 36	8°34'58	3♎40	28°41	25°27	25° 0	0°17	7°31	18°28	29° 9	8°26	2°32	2°25	29°48	23°13	T 29
W30	2 43 33	9°35'40	15°33	29°59	25° 3	25°19	0°28	7°37	18°31	29° 8	8°26	2°20	2°22	29°55	23°20	W30
T 31	2 47 29	10♏36'24	27♎24	1♐17	24♏37	25♋37	0♑40	7♎44	18♎35	29♓ 7	8♌26	2♌ 5	2♌18	0♏ 1	23♍26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s10	5n38	3n49	6s43	0n 3	23s35	5s31	23n50	0n58	23s45	0s13	0n23	2n17	6s 6	0n34	1s39	1s44	27n37	9n37	19n 2	19n25	5s35	1s54	6s29
W 2	4 34	1 24	4 25	7 26	0s 4	23 47	5 34	23 49	0 59	23 45	0 13	0 20	2 17	6 7	0 34	1 40	1 44	27 37	9 37	19 5	19 25	5 38	1 57	6 29
T 3	4 57	2s51	4 49	8 9	0 10	23 58	5 37	23 47	1 1	23 46	0 13	0 17	2 17	6 9	0 34	1 40	1 44	27 37	9 37	19 8	19 26	5 40	2 0	6 29
F 4	5 21	7 0	5 0	8 51	0 17	24 9	5 40	23 46	1 2	23 46	0 13	0 15	2 17	6 10	0 34	1 41	1 44	27 37	9 38	19 11	19 27	5 42	2 3	6 29
S 5	5 44	10 53	4 59	9 33	0 24	24 19	5 42	23 44	1 4	23 46	0 13	0 12	2 17	6 12	0 34	1 42	1 44	27 37	9 38	19 14	19 28	5 45	2 6	6 29
S 6	6 7	14 21	4 44	10 14	0 31	24 29	5 45	23 42	1 5	23 47	0 13	0 9	2 17	6 13	0 34	1 42	1 44	27 37	9 38	19 17	19 28	5 47	2 9	6 29
M 7	6 31	17 15	4 17	10 54	0 37	24 37	5 47	23 40	1 7	23 47	0 13	0 6	2 17	6 15	0 34	1 43	1 44	27 37	9 39	19 19	19 29	5 49	2 12	6 29
T 8	6 54	19 27	3 38	11 34	0 44	24 45	5 48	23 39	1 9	23 47	0 13	0 3	2 17	6 16	0 34	1 44	1 44	27 38	9 39	19 21	19 30	5 52	2 15	6 29
W 9	7 17	20 48	2 49	12 13	0 50	24 52	5 50	23 37	1 10	23 47	0 13	0 0	2 17	6 17	0 34	1 44	1 44	27 38	9 39	19 21	19 31	5 54	2 18	6 29
T 10	7 40	21 9	1 50	12 52	0 57	24 59	5 51	23 35	1 12	23 48	0 13	0s 2	2 17	6 19	0 34	1 45	1 44	27 38	9 40	19 22	19 31	5 56	2 21	6 30
F 11	8 3	20 26	0 45	13 30	1 3	25 4	5 51	23 33	1 13	23 48	0 14	0 5	2 17	6 20	0 34	1 45	1 44	27 38	9 40	19 22	19 32	5 58	2 24	6 30
S 12	8 25	18 35	0s25	14 7	1 10	25 9	5 52	23 31	1 15	23 48	0 14	0 8	2 17	6 22	0 34	1 46	1 44	27 38	9 40	19 22	19 33	6 1	2 28	6 30
S 13	8 48	15 38	1 35	14 43	1 16	25 12	5 52	23 29	1 17	23 49	0 14	0 11	2 17	6 23	0 34	1 47	1 44	27 38	9 41	19 22	19 34	6 3	2 31	6 30
M14	9 10	11 40	2 43	15 19	1 22	25 15	5 51	23 28	1 18	23 49	0 14	0 13	2 17	6 25	0 34	1 47	1 44	27 38	9 41	19 23	19 34	6 5	2 34	6 30
T 15	9 33	6 54	3 41	15 54	1 28	25 17	5 51	23 26	1 20	23 49	0 14	0 16	2 17	6 26	0 34	1 48	1 44	27 38	9 41	19 24	19 35	6 8	2 37	6 30
W16	9 55	1 35	4 27	16 28	1 33	25 18	5 49	23 24	1 22	23 49	0 14	0 19	2 18	6 28	0 34	1 48	1 44	27 38	9 42	19 26	19 36	6 10	2 40	6 30
T 17	10 17	3n55	4 54	17 2	1 39	25 18	5 48	23 22	1 24	23 49	0 14	0 21	2 18	6 29	0 34	1 49	1 44	27 39	9 42	19 29	19 37	6 12	2 43	6 30
F 18	10 39	9 12	5 0	17 34	1 45	25 17	5 45	23 20	1 25	23 50	0 14	0 24	2 18	6 30	0 34	1 50	1 44	27 39	9 42	19 31	19 37	6 15	2 46	6 31
S 19	11 1	13 52	4 44	18 6	1 50	25 15	5 43	23 18	1 27	23 50	0 14	0 27	2 18	6 32	0 34	1 50	1 44	27 39	9 43	19 34	19 38	6 17	2 49	6 31
S 20	11 22	17 33	4 9	18 36	1 55	25 12	5 40	23 16	1 29	23 50	0 14	0 29	2 18	6 33	0 34	1 51	1 44	27 39	9 43	19 36	19 39	6 19	2 52	6 31
M21	11 44	20 2	3 19	19 6	2 0	25 7	5 36	23 14	1 31	23 50	0 14	0 32	2 18	6 35	0 34	1 51	1 44	27 39	9 43	19 38	19 40	6 22	2 55	6 31
T 22	12 5	21 11	2 18	19 35	2 4	25 2	5 31	23 12	1 33	23 50	0 14	0 35	2 18	6 36	0 34	1 52	1 44	27 40	9 44	19 39	19 40	6 24	2 58	6 31
W23	12 26	21 2	1 11	20 2	2 9	24 55	5 26	23 11	1 34	23 51	0 14	0 37	2 18	6 38	0 34	1 52	1 44	27 40	9 44	19 39	19 41	6 26	3 1	6 32
T 24	12 47	19 43	0 2	20 29	2 13	24 47	5 21	23 9	1 36	23 51	0 15	0 40	2 18	6 39	0 34	1 53	1 44	27 40	9 45	19 39	19 42	6 28	3 3	6 32
F 25	13 7	17 26	1n 4	20 54	2 16	24 38	5 15	23 7	1 38	23 51	0 15	0 43	2 18	6 40	0 34	1 53	1 43	27 40	9 45	19 39	19 43	6 31	3 6	6 32
S 26	13 28	14 23	2 6	21 19	2 20	24 28	5 8	23 6	1 40	23 51	0 15	0 45	2 19	6 42	0 34	1 54	1 43	27 40	9 45	19 39	19 43	6 33	3 9	6 32
S 27	13 48	10 46	3 1	21 42	2 23	24 17	5 0	23 4	1 42	23 51	0 15	0 48	2 19	6 43	0 34	1 54	1 43	27 41	9 46	19 40	19 44	6 35	3 12	6 32
M28	14 8	6 46	3 47	22 4	2 25	24 4	4 52	23 2	1 44	23 51	0 15	0 50	2 19	6 45	0 34	1 55	1 43	27 41	9 46	19 42	19 45	6 38	3 15	6 33
T 29	14 28	2 33	4 23	22 24	2 28	23 50	4 43	23 1	1 46	23 51	0 15	0 53	2 19	6 46	0 34	1 55	1 43	27 41	9 46	19 44	19 45	6 40	3 18	6 33
W30	14 47	1s45	4 47	22 43	2 29	23 35	4 34	22 59	1 48	23 51	0 15	0 55	2 19	6 47	0 34	1 56	1 43	27 42	9 47	19 47	19 46	6 42	3 21	6 33
T 31	15s 6	5s59	4n58	23s 1	2s31	23s19	4s24	22n58	1n50	23s51	0s15	0s58	2n19	6s49	0n34	1s56	1s43	27n42	9n47	19n50	19n47	6s45	3s24	6s34

Julian Day Number = 1982484.5, Delta T = 58m26s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'06, Lahiri = 5°58'07 Julian Calendar 1 Oct. 715 == Greg. Calendar 5 Oct. 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

NOVEMBER 715 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 51 26	11♏37'10	9♏17	2♐32	24°R 9	25♋54	0♑51	7♎50	18♎39	29°R 6	8♌27	1°R50	2♌15	0♏ 8	23♍33	F 1
S 2	2 55 23	12°37'57	21°11	3°46	23♏39	26°11	1° 3	7°57	18°42	29♓ 4	8°27	1♌36	2°12	0°15	23°39	S 2
S 3	2 59 19	13°38'46	3♐ 9	4°57	23° 8	26°28	1°14	8° 3	18°46	29° 3	8°27	1°23	2° 9	0°21	23°45	S 3
M 4	3 3 16	14°39'35	15°12	6° 5	22°35	26°44	1°26	8°10	18°49	29° 2	8°27	1°12	2° 6	0°28	23°52	M 4
T 5	3 7 12	15°40'26	27°22	7°11	22° 2	26°59	1°38	8°16	18°53	29° 1	8°27	1° 5	2° 2	0°35	23°58	T 5
W 6	3 11 9	16°41'18	9♑40	8°13	21°27	27°14	1°49	8°22	18°56	29° 0	8°27	1° 0	1°59	0°42	24° 4	W 6
T 7	3 15 5	17°42'11	22°11	9°12	20°51	27°28	2° 1	8°28	18°59	28°59	8°R27	0°58	1°56	0°48	24°10	T 7
F 8	3 19 2	18°43'05	4♒57	10° 6	20°15	27°42	2°13	8°35	19° 3	28°58	8°27	0°D58	1°53	0°55	24°16	F 8
S 9	3 22 58	19°44'00	18° 3	10°55	19°39	27°56	2°25	8°41	19° 6	28°57	8°27	0°R58	1°50	1° 2	24°22	S 9
S 10	3 26 55	20°44'56	1♓33	11°38	19° 2	28° 8	2°38	8°47	19°10	28°56	8°27	0°58	1°47	1° 9	24°28	S 10
M11	3 30 52	21°45'52	15°28	12°15	18°26	28°21	2°50	8°53	19°13	28°56	8°27	0°55	1°43	1°15	24°34	M11
T 12	3 34 48	22°46'49	29°50	12°45	17°50	28°32	3° 2	8°59	19°16	28°55	8°27	0°51	1°40	1°22	24°39	T 12
W13	3 38 45	23°47'47	14♈36	13° 7	17°15	28°43	3°14	9° 4	19°19	28°54	8°27	0°43	1°37	1°29	24°45	W13
T 14	3 42 41	24°48'46	29°41	13°19	16°41	28°54	3°27	9°10	19°23	28°53	8°26	0°34	1°34	1°35	24°51	T 14
F 15	3 46 38	25°49'45	14♉56	13°R22	16° 9	29° 3	3°39	9°16	19°26	28°52	8°26	0°24	1°31	1°42	24°56	F 15
S 16	3 50 34	26°50'46	0♊ 9	13°15	15°37	29°13	3°52	9°22	19°29	28°52	8°26	0°14	1°28	1°49	25° 2	S 16
S 17	3 54 31	27°51'47	15°11	12°57	15° 8	29°21	4° 5	9°27	19°32	28°51	8°26	0° 6	1°24	1°56	25° 7	S 17
M18	3 58 27	28°52'50	29°50	12°27	14°40	29°29	4°17	9°33	19°35	28°50	8°25	29♋59	1°21	2° 2	25°12	M18
T 19	4 2 24	29°53'54	14♋ 3	11°46	14°14	29°36	4°30	9°38	19°39	28°50	8°25	29°56	1°18	2° 9	25°17	T 19
W20	4 6 21	0♐54'58	27°47	10°53	13°50	29°43	4°43	9°44	19°42	28°49	8°25	29°D55	1°15	2°16	25°22	W20
T 21	4 10 17	1°56'04	11♌ 1	9°51	13°28	29°48	4°56	9°49	19°45	28°49	8°24	29°55	1°12	2°22	25°27	T 21
F 22	4 14 14	2°57'10	23°50	8°40	13° 9	29°53	5° 9	9°55	19°48	28°48	8°24	29°56	1° 8	2°29	25°32	F 22
S 23	4 18 10	3°58'17	6♍18	7°23	12°52	29°58	5°22	10° 0	19°51	28°48	8°23	29°R57	1° 5	2°36	25°37	S 23
S 24	4 22 7	4°59'26	18°30	6° 1	12°38	0♌ 1	5°35	10° 5	19°54	28°47	8°23	29°55	1° 2	2°43	25°42	S 24
M25	4 26 3	6° 0'35	0♎30	4°38	12°26	0° 4	5°48	10°10	19°57	28°47	8°22	29°52	0°59	2°49	25°46	M25
T 26	4 30 0	7° 1'45	12°23	3°17	12°16	0° 6	6° 1	10°15	19°59	28°46	8°22	29°47	0°56	2°56	25°51	T 26
W27	4 33 56	8° 2'56	24°14	1°59	12° 9	0° 8	6°15	10°20	20° 2	28°46	8°21	29°39	0°53	3° 3	25°56	W27
T 28	4 37 53	9° 4'07	6♏ 5	0°49	12° 4	0°R 8	6°28	10°25	20° 5	28°46	8°21	29°29	0°49	3°10	26° 0	T 28
F 29	4 41 50	10° 5'19	18° 0	29♏46	12°D 2	0° 8	6°41	10°30	20° 8	28°45	8°20	29°19	0°46	3°16	26° 4	F 29
S 30	4 45 46	11♐ 6'32	0♐ 0	28♏53	12♏ 3	0♌ 7	6♑55	10♎35	20♎11	28♓45	8♌19	29♋ 9	0♌43	3♏23	26♍ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s25	9s59	4n57	23s17	2s31	23s 1	4s13	22n57	1n52	23s51	0s15	1s 0	2n19	6s50	0n34	1s56	1s43	27n42	9n47	19n53	19n48	6s47	3s26	6s34
S 2	15 44	13 38	4 42	23 32	2 32	22 43	4 2	22 56	1 54	23 51	0 15	1 2	2 19	6 51	0 34	1 57	1 43	27 42	9 48	19 56	19 48	6 49	3 29	6 34
S 3	16 3	16 45	4 15	23 45	2 31	22 23	3 50	22 54	1 56	23 51	0 15	1 5	2 20	6 53	0 34	1 57	1 43	27 43	9 48	19 59	19 49	6 51	3 32	6 34
M 4	16 21	19 11	3 37	23 56	2 30	22 2	3 37	22 53	1 58	23 51	0 15	1 7	2 20	6 54	0 34	1 58	1 43	27 43	9 48	20 2	19 50	6 54	3 35	6 35
T 5	16 39	20 47	2 48	24 6	2 28	21 41	3 24	22 53	2 1	23 51	0 15	1 10	2 20	6 55	0 34	1 58	1 43	27 43	9 49	20 3	19 50	6 56	3 38	6 35
W 6	16 56	21 25	1 50	24 13	2 25	21 18	3 10	22 52	2 3	23 51	0 16	1 12	2 20	6 57	0 34	1 58	1 43	27 44	9 49	20 4	19 51	6 58	3 40	6 35
T 7	17 14	21 0	0 46	24 19	2 22	20 55	2 56	22 51	2 5	23 51	0 16	1 14	2 20	6 58	0 34	1 59	1 43	27 44	9 50	20 5	19 52	7 1	3 43	6 36
F 8	17 31	19 30	0s21	24 23	2 17	20 32	2 42	22 50	2 7	23 51	0 16	1 17	2 20	6 59	0 34	1 59	1 43	27 44	9 50	20 5	19 53	7 3	3 46	6 36
S 9	17 47	16 57	1 29	24 25	2 12	20 7	2 27	22 50	2 9	23 51	0 16	1 19	2 20	7 0	0 34	1 59	1 43	27 45	9 50	20 5	19 53	7 5	3 48	6 36
S 10	18 4	13 24	2 35	24 24	2 5	19 43	2 12	22 49	2 12	23 51	0 16	1 21	2 21	7 2	0 34	2 0	1 43	27 45	9 51	20 5	19 54	7 8	3 51	6 37
M11	18 20	9 2	3 33	24 21	1 57	19 18	1 57	22 49	2 14	23 50	0 16	1 23	2 21	7 3	0 34	2 0	1 43	27 45	9 51	20 5	19 55	7 10	3 54	6 37
T 12	18 36	4 2	4 20	24 16	1 48	18 53	1 41	22 49	2 16	23 50	0 16	1 25	2 21	7 4	0 34	2 0	1 43	27 46	9 51	20 6	19 55	7 12	3 56	6 37
W13	18 51	1n20	4 51	24 9	1 38	18 28	1 25	22 49	2 19	23 50	0 16	1 28	2 21	7 5	0 34	2 1	1 43	27 46	9 52	20 8	19 56	7 15	3 59	6 38
T 14	19 6	6 43	5 3	23 58	1 26	18 3	1 10	22 49	2 21	23 50	0 16	1 30	2 21	7 7	0 34	2 1	1 43	27 47	9 52	20 10	19 57	7 17	4 1	6 38
F 15	19 21	11 45	4 53	23 46	1 12	17 39	0 54	22 49	2 23	23 49	0 16	1 32	2 22	7 8	0 34	2 1	1 43	27 47	9 52	20 12	19 58	7 19	4 4	6 38
S 16	19 35	16 2	4 23	23 30	0 58	17 15	0 39	22 50	2 26	23 49	0 16	1 34	2 22	7 9	0 34	2 1	1 43	27 47	9 53	20 14	19 58	7 21	4 6	6 39
S 17	19 49	19 13	3 35	23 11	0 41	16 51	0 23	22 50	2 28	23 49	0 16	1 36	2 22	7 10	0 34	2 2	1 43	27 48	9 53	20 16	19 59	7 24	4 9	6 39
M18	20 3	21 3	2 33	22 50	0 24	16 29	0 8	22 51	2 31	23 48	0 16	1 38	2 22	7 12	0 34	2 2	1 43	27 48	9 53	20 17	20 0	7 26	4 11	6 40
T 19	20 16	21 28	1 24	22 26	0 5	16 7	0n 7	22 52	2 33	23 48	0 17	1 40	2 22	7 13	0 34	2 2	1 42	27 49	9 54	20 18	20 0	7 28	4 14	6 40
W20	20 29	20 34	0 11	21 59	0n15	15 46	0 21	22 53	2 36	23 48	0 17	1 42	2 22	7 14	0 34	2 2	1 42	27 49	9 54	20 18	20 1	7 31	4 16	6 40
T 21	20 41	18 32	0n59	21 30	0 35	15 26	0 35	22 54	2 38	23 47	0 17	1 44	2 23	7 15	0 34	2 2	1 42	27 50	9 54	20 18	20 2	7 33	4 18	6 41
F 22	20 54	15 37	2 4	21 0	0 55	15 7	0 49	22 56	2 41	23 47	0 17	1 46	2 23	7 16	0 34	2 3	1 42	27 50	9 55	20 18	20 3	7 35	4 21	6 41
S 23	21 5	12 5	3 2	20 27	1 15	14 49	1 3	22 57	2 43	23 46	0 17	1 48	2 23	7 17	0 34	2 3	1 42	27 50	9 55	20 18	20 3	7 38	4 23	6 42
S 24	21 17	8 6	3 50	19 55	1 34	14 32	1 16	22 59	2 46	23 46	0 17	1 50	2 23	7 18	0 34	2 3	1 42	27 51	9 56	20 18	20 4	7 40	4 25	6 42
M25	21 27	3 53	4 27	19 22	1 52	14 16	1 28	23 1	2 48	23 46	0 17	1 51	2 23	7 19	0 34	2 3	1 42	27 51	9 56	20 19	20 5	7 42	4 28	6 42
T 26	21 38	0s27	4 52	18 51	2 9	14 2	1 40	23 3	2 51	23 45	0 17	1 53	2 24	7 21	0 34	2 3	1 42	27 52	9 56	20 20	20 5	7 44	4 30	6 43
W27	21 48	4 44	5 5	18 22	2 23	13 49	1 52	23 5	2 53	23 44	0 17	1 55	2 24	7 22	0 34	2 3	1 42	27 52	9 57	20 22	20 6	7 47	4 32	6 43
T 28	21 58	8 52	5 4	17 56	2 35	13 37	2 3	23 7	2 56	23 44	0 17	1 57	2 24	7 23	0 34	2 3	1 42	27 53	9 57	20 24	20 7	7 49	4 34	6 44
F 29	22 7	12 40	4 50	17 34	2 44	13 26	2 14	23 10	2 59	23 43	0 17	1 58	2 24	7 24	0 34	2 3	1 42	27 53	9 57	20 26	20 7	7 51	4 36	6 44
S 30	22s16	16s 0	4n23	17s15	2n52	13s16	2n24	23n13	3n 1	23s43	0s17	2s 0	2n24	7s25	0n34	2s 3	1s42	27n54	9n58	20n28	20n 8	7s54	4s38	6s45

Julian Day Number = 1982515.5, Delta T = 58m25s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'10, Lahiri = 5°58'11 Julian Calendar 1 Nov. 715 == Greg. Calendar 5 Nov. 715

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ASTRODIENST EPHEMERIS for the year 715
geocentric

DECEMBER 715 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 49 43	12♐ 7'45	12♐ 7	28°R11	12♏ 6	0°R 5	7♑ 8	10♎39	20♎13	28°R45	8°R19	29°R 0	0♌40	3♏30	26♍12	S 1
M 2	4 53 39	13° 8'58	24°21	27♏39	12°11	0♌ 3	7°22	10°44	20°16	28♓45	8♌18	28♋53	0°37	3°36	26°16	M 2
T 3	4 57 36	14°10'12	6♑44	27°18	12°18	29♋59	7°35	10°48	20°18	28°44	8°17	28°48	0°34	3°43	26°20	T 3
W 4	5 1 32	15°11'26	19°17	27° 7	12°28	29°55	7°49	10°53	20°21	28°44	8°17	28°46	0°30	3°50	26°24	W 4
T 5	5 5 29	16°12'40	2♒ 1	27°D 6	12°40	29°50	8° 3	10°57	20°24	28°44	8°16	28°D45	0°27	3°57	26°28	T 5
F 6	5 9 25	17°13'54	14°57	27°15	12°54	29°44	8°16	11° 2	20°26	28°44	8°15	28°46	0°24	4° 3	26°31	F 6
S 7	5 13 22	18°15'08	28° 9	27°32	13°11	29°38	8°30	11° 6	20°28	28°D44	8°14	28°48	0°21	4°10	26°35	S 7
S 8	5 17 19	19°16'21	11♓38	27°56	13°29	29°30	8°44	11°10	20°31	28°44	8°13	28°49	0°18	4°17	26°38	S 8
M 9	5 21 15	20°17'34	25°26	28°27	13°49	29°22	8°57	11°14	20°33	28°44	8°12	28°R49	0°14	4°24	26°42	M 9
T 10	5 25 12	21°18'47	9♈34	29° 5	14°11	29°13	9°11	11°18	20°36	28°44	8°11	28°48	0°11	4°30	26°45	T 10
W11	5 29 8	22°20'00	24° 0	29°48	14°35	29° 3	9°25	11°22	20°38	28°44	8°11	28°44	0° 8	4°37	26°48	W11
T 12	5 33 5	23°21'12	8♉40	0♐36	15° 1	28°52	9°39	11°25	20°40	28°45	8°10	28°40	0° 5	4°44	26°51	T 12
F 13	5 37 1	24°22'25	23°30	1°29	15°29	28°40	9°53	11°29	20°42	28°45	8° 9	28°35	0° 2	4°50	26°54	F 13
S 14	5 40 58	25°23'36	8♊22	2°25	15°58	28°28	10° 7	11°33	20°44	28°45	8° 8	28°29	29♋59	4°57	26°57	S 14
S 15	5 44 55	26°24'48	23° 7	3°25	16°29	28°15	10°21	11°36	20°46	28°45	8° 7	28°25	29°55	5° 4	26°59	S 15
M16	5 48 51	27°26'00	7♋37	4°28	17° 1	28° 1	10°35	11°40	20°48	28°45	8° 6	28°22	29°52	5°11	27° 2	M16
T 17	5 52 48	28°27'11	21°47	5°34	17°35	27°46	10°49	11°43	20°50	28°46	8° 5	28°D20	29°49	5°17	27° 4	T 17
W18	5 56 44	29°28'22	5♌33	6°42	18°10	27°31	11° 3	11°46	20°52	28°46	8° 3	28°20	29°46	5°24	27° 7	W18
T 19	6 0 41	0♑29'33	18°53	7°53	18°47	27°15	11°17	11°49	20°54	28°47	8° 2	28°22	29°43	5°31	27° 9	T 19
F 20	6 4 37	1°30'43	1♍49	9° 5	19°25	26°58	11°31	11°52	20°56	28°47	8° 1	28°23	29°40	5°38	27°11	F 20
S 21	6 8 34	2°31'54	14°23	10°20	20° 4	26°41	11°45	11°55	20°58	28°47	8° 0	28°25	29°36	5°44	27°13	S 21
S 22	6 12 30	3°33'04	26°39	11°36	20°44	26°22	11°59	11°58	21° 0	28°48	7°59	28°26	29°33	5°51	27°15	S 22
M23	6 16 27	4°34'14	8♎42	12°53	21°26	26° 3	12°13	12° 1	21° 1	28°49	7°58	28°R26	29°30	5°58	27°17	M23
T 24	6 20 24	5°35'24	20°37	14°12	22° 9	25°44	12°27	12° 3	21° 3	28°49	7°57	28°25	29°27	6° 4	27°18	T 24
W25	6 24 20	6°36'34	2♏29	15°32	22°52	25°24	12°41	12° 6	21° 5	28°50	7°55	28°23	29°24	6°11	27°20	W25
T 26	6 28 17	7°37'43	14°21	16°53	23°37	25° 3	12°56	12° 8	21° 6	28°50	7°54	28°20	29°20	6°18	27°21	T 26
F 27	6 32 13	8°38'52	26°19	18°16	24°23	24°42	13°10	12°11	21° 8	28°51	7°53	28°17	29°17	6°25	27°23	F 27
S 28	6 36 10	9°40'00	8♐24	19°39	25°10	24°21	13°24	12°13	21° 9	28°52	7°52	28°14	29°14	6°31	27°24	S 28
S 29	6 40 6	10°41'08	20°39	21° 3	25°58	23°59	13°38	12°15	21°10	28°52	7°50	28°11	29°11	6°38	27°25	S 29
M30	6 44 3	11°42'15	3♑ 6	22°28	26°46	23°36	13°52	12°17	21°12	28°53	7°49	28° 9	29° 8	6°45	27°26	M30
T 31	6 47 59	12♑43'22	15♑46	23♐54	27♏36	23♋13	14♑ 6	12♎19	21♎13	28♓54	7♌48	28♋ 7	29♋ 5	6♏51	27♍27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s24	18s41	3n44	17s 1	2n57	13s 8	2n33	23n16	3n 4	23s42	0s18	2s 2	2n25	7s26	0n34	2s 3	1s42	27n54	9n58	20n30	20n 9	7s56	4s40	6s45
M 2	22 32	20 34	2 55	16 51	2 59	13 1	2 43	23 19	3 7	23 41	0 18	2 3	2 25	7 27	0 34	2 4	1 42	27 55	9 58	20 31	20 9	7 58	4 42	6 46
T 3	22 39	21 30	1 56	16 46	3 1	12 55	2 51	23 22	3 9	23 41	0 18	2 5	2 25	7 28	0 34	2 4	1 42	27 55	9 58	20 32	20 10	8 1	4 44	6 46
W 4	22 46	21 22	0 51	16 44	3 0	12 50	2 59	23 26	3 12	23 40	0 18	2 6	2 25	7 29	0 34	2 4	1 42	27 56	9 59	20 33	20 11	8 3	4 46	6 47
T 5	22 53	20 8	0s18	16 46	2 58	12 47	3 7	23 30	3 15	23 39	0 18	2 8	2 26	7 30	0 34	2 4	1 42	27 56	9 59	20 33	20 12	8 5	4 48	6 47
F 6	22 59	17 51	1 27	16 51	2 54	12 44	3 14	23 33	3 17	23 39	0 18	2 9	2 26	7 30	0 34	2 3	1 42	27 57	9 59	20 33	20 12	8 7	4 50	6 48
S 7	23 5	14 35	2 33	16 59	2 50	12 42	3 21	23 37	3 20	23 38	0 18	2 11	2 26	7 31	0 34	2 3	1 42	27 57	10 0	20 33	20 13	8 10	4 52	6 48
S 8	23 10	10 30	3 32	17 10	2 45	12 42	3 27	23 42	3 22	23 37	0 18	2 12	2 26	7 32	0 34	2 3	1 42	27 58	10 0	20 32	20 14	8 12	4 54	6 49
M 9	23 15	5 48	4 20	17 22	2 39	12 42	3 33	23 46	3 25	23 36	0 18	2 14	2 27	7 33	0 34	2 3	1 41	27 58	10 0	20 32	20 14	8 14	4 55	6 49
T 10	23 19	0 41	4 54	17 37	2 32	12 44	3 39	23 50	3 28	23 35	0 18	2 15	2 27	7 34	0 34	2 3	1 41	27 59	10 1	20 33	20 15	8 17	4 57	6 50
W11	23 23	4n34	5 10	17 53	2 25	12 46	3 44	23 55	3 30	23 34	0 18	2 16	2 27	7 35	0 34	2 3	1 41	27 59	10 1	20 33	20 16	8 19	4 59	6 50
T 12	23 26	9 39	5 6	18 11	2 17	12 49	3 48	24 0	3 33	23 33	0 18	2 17	2 27	7 36	0 34	2 3	1 41	28 0	10 1	20 34	20 16	8 21	5 1	6 51
F 13	23 29	14 13	4 42	18 29	2 9	12 53	3 53	24 5	3 35	23 32	0 19	2 19	2 28	7 36	0 34	2 3	1 41	28 1	10 1	20 35	20 17	8 24	5 2	6 51
S 14	23 31	17 55	3 59	18 49	2 1	12 57	3 57	24 10	3 38	23 31	0 19	2 20	2 28	7 37	0 34	2 3	1 41	28 1	10 2	20 36	20 18	8 26	5 4	6 52
S 15	23 33	20 25	3 1	19 8	1 53	13 2	4 0	24 15	3 40	23 30	0 19	2 21	2 28	7 38	0 34	2 3	1 41	28 2	10 2	20 37	20 18	8 28	5 5	6 52
M16	23 35	21 32	1 51	19 28	1 44	13 8	4 4	24 20	3 43	23 29	0 19	2 22	2 28	7 39	0 34	2 2	1 41	28 2	10 2	20 38	20 19	8 30	5 7	6 53
T 17	23 36	21 14	0 36	19 49	1 36	13 15	4 6	24 26	3 45	23 28	0 19	2 23	2 29	7 39	0 35	2 2	1 41	28 3	10 3	20 38	20 20	8 33	5 8	6 53
W18	23 36	19 39	0n39	20 9	1 27	13 22	4 9	24 31	3 48	23 27	0 19	2 24	2 29	7 40	0 35	2 2	1 41	28 3	10 3	20 38	20 20	8 35	5 10	6 54
T 19	23 36	17 1	1 50	20 29	1 18	13 30	4 11	24 37	3 50	23 26	0 19	2 25	2 29	7 41	0 35	2 2	1 41	28 4	10 3	20 38	20 21	8 37	5 11	6 54
F 20	23 36	13 36	2 53	20 49	1 10	13 38	4 13	24 42	3 52	23 25	0 19	2 26	2 29	7 42	0 35	2 2	1 41	28 4	10 3	20 38	20 22	8 40	5 12	6 55
S 21	23 35	9 40	3 46	21 9	1 1	13 47	4 15	24 48	3 54	23 24	0 19	2 27	2 30	7 42	0 35	2 1	1 41	28 5	10 4	20 37	20 22	8 42	5 14	6 55
S 22	23 33	5 26	4 28	21 28	0 53	13 56	4 16	24 54	3 57	23 23	0 19	2 28	2 30	7 43	0 35	2 1	1 41	28 5	10 4	20 37	20 23	8 44	5 15	6 56
M23	23 31	1 3	4 56	21 46	0 44	14 6	4 17	24 59	3 59	23 22	0 19	2 29	2 30	7 43	0 35	2 1	1 41	28 6	10 4	20 37	20 24	8 46	5 16	6 56
T 24	23 29	3s18	5 12	22 4	0 36	14 16	4 18	25 5	4 1	23 20	0 20	2 30	2 30	7 44	0 35	2 1	1 41	28 7	10 4	20 37	20 24	8 49	5 17	6 57
W25	23 26	7 30	5 14	22 21	0 27	14 27	4 19	25 11	4 3	23 19	0 20	2 30	2 31	7 45	0 35	2 0	1 41	28 7	10 5	20 38	20 25	8 51	5 18	6 57
T 26	23 23	11 26	5 2	22 38	0 19	14 37	4 19	25 16	4 5	23 18	0 20	2 31	2 31	7 45	0 35	2 0	1 41	28 8	10 5	20 38	20 26	8 53	5 19	6 58
F 27	23 19	14 57	4 38	22 54	0 11	14 48	4 19	25 22	4 6	23 17	0 20	2 32	2 31	7 46	0 35	2 0	1 40	28 8	10 5	20 39	20 26	8 56	5 20	6 58
S 28	23 15	17 53	4 1	23 9	0 3	15 0	4 19	25 28	4 8	23 15	0 20	2 32	2 31	7 46	0 35	1 59	1 40	28 9	10 5	20 39	20 27	8 58	5 21	6 59
S 29	23 10	20 4	3 12	23 22	0s 4	15 11	4 19	25 33	4 10	23 14	0 20	2 33	2 32	7 47	0 35	1 59	1 40	28 9	10 5	20 40	20 28	9 0	5 22	6 59
M30	23 5	21 20	2 14	23 35	0 12	15 23	4 18	25 39	4 11	23 13	0 20	2 33	2 32	7 47	0 35	1 59	1 40	28 10	10 6	20 40	20 28	9 2	5 23	7 0
T 31	22s59	21s33	1n 8	23s47	0s19	15s34	4n18	25n44	4n13	23s11	0s20	2s34	2n32	7s48	0n35	1s58	1s40	28n10	10n 6	20n41	20n29	9s 5	5s24	7s 0

Julian Day Number = 1982545.5, Delta T = 58m25s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'14, Lahiri = 5°58'15 Julian Calendar 1 Dec. 715 == Greg. Calendar 5 Dec. 715

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ASTRODIENST EPHEMERIS for the year 716
geocentric

JANUARY 716 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 51 56	13♉44'27	28♉39	25♐21	28♏26	22°R50	14♉21	12♎21	21♎14	28♓55	7°R47	28°D 7	29♋ 1	6♏58	27♍28	W 1
T 2	6 55 53	14°45'32	11♒45	26°48	29°17	22♋27	14°35	12°23	21°15	28°56	7♌45	28♋ 7	28°58	7° 5	27°29	T 2
F 3	6 59 49	15°46'36	25° 4	28°17	0♐ 8	22° 3	14°49	12°24	21°16	28°57	7°44	28° 8	28°55	7°12	27°29	F 3
S 4	7 3 46	16°47'38	8♓35	29°46	1° 1	21°39	15° 3	12°26	21°18	28°58	7°43	28° 9	28°52	7°18	27°30	S 4
S 5	7 7 42	17°48'39	22°18	1♉15	1°54	21°15	15°17	12°27	21°19	28°59	7°41	28°10	28°49	7°25	27°30	S 5
M 6	7 11 39	18°49'39	6♈12	2°46	2°48	20°51	15°32	12°29	21°19	29° 0	7°40	28°11	28°46	7°32	27°30	M 6
T 7	7 15 35	19°50'38	20°16	4°17	3°42	20°27	15°46	12°30	21°20	29° 1	7°38	28°R11	28°42	7°39	27°R30	T 7
W 8	7 19 32	20°51'35	4♉29	5°49	4°37	20° 3	16° 0	12°31	21°21	29° 2	7°37	28°11	28°39	7°45	27°30	W 8
T 9	7 23 28	21°52'31	18°48	7°21	5°32	19°39	16°14	12°32	21°22	29° 3	7°36	28°11	28°36	7°52	27°30	T 9
F 10	7 27 25	22°53'26	3♊10	8°54	6°29	19°15	16°28	12°33	21°23	29° 4	7°34	28°10	28°33	7°59	27°30	F 10
S 11	7 31 22	23°54'19	17°32	10°28	7°25	18°51	16°42	12°34	21°23	29° 5	7°33	28° 9	28°30	8° 5	27°30	S 11
S 12	7 35 18	24°55'11	1♋48	12° 3	8°22	18°28	16°57	12°35	21°24	29° 6	7°31	28° 9	28°26	8°12	27°29	S 12
M13	7 39 15	25°56'01	15°54	13°39	9°20	18° 5	17°11	12°35	21°25	29° 7	7°30	28° 9	28°23	8°19	27°29	M13
T 14	7 43 11	26°56'50	29°45	15°15	10°18	17°42	17°25	12°36	21°25	29° 9	7°28	28°D 9	28°20	8°26	27°28	T 14
W15	7 47 8	27°57'38	13♌20	16°52	11°17	17°19	17°39	12°36	21°26	29°10	7°27	28°R 9	28°17	8°32	27°27	W15
T 16	7 51 4	28°58'24	26°34	18°29	12°16	16°57	17°53	12°36	21°26	29°11	7°26	28° 9	28°14	8°39	27°26	T 16
F 17	7 55 1	29°59'10	9♍29	20° 8	13°16	16°35	18° 7	12°37	21°26	29°13	7°24	28° 9	28°11	8°46	27°25	F 17
S 18	7 58 57	0♒59'54	22° 6	21°47	14°15	16°13	18°21	12°R37	21°27	29°14	7°23	28° 8	28° 7	8°52	27°24	S 18
S 19	8 2 54	2° 0'37	4♎25	23°27	15°16	15°52	18°35	12°37	21°27	29°15	7°21	28° 8	28° 4	8°59	27°23	S 19
M20	8 6 51	3° 1'18	16°32	25° 8	16°17	15°31	18°49	12°37	21°27	29°17	7°20	28° 7	28° 1	9° 6	27°22	M20
T 21	8 10 47	4° 1'59	28°29	26°49	17°18	15°11	19° 3	12°36	21°27	29°18	7°18	28°D 7	27°58	9°13	27°20	T 21
W22	8 14 44	5° 2'38	10♏22	28°32	18°19	14°52	19°17	12°36	21°27	29°20	7°17	28° 7	27°55	9°19	27°19	W22
T 23	8 18 40	6° 3'16	22°15	0♒15	19°21	14°33	19°31	12°36	21°R27	29°21	7°15	28° 8	27°52	9°26	27°17	T 23
F 24	8 22 37	7° 3'53	4♐13	2° 0	20°23	14°15	19°45	12°35	21°27	29°23	7°14	28° 8	27°48	9°33	27°15	F 24
S 25	8 26 33	8° 4'28	16°20	3°45	21°26	13°57	19°59	12°34	21°27	29°24	7°12	28° 9	27°45	9°40	27°13	S 25
S 26	8 30 30	9° 5'02	28°40	5°31	22°29	13°40	20°13	12°34	21°27	29°26	7°11	28°10	27°42	9°46	27°12	S 26
M27	8 34 26	10° 5'35	11♑16	7°18	23°32	13°24	20°27	12°33	21°27	29°27	7° 9	28°11	27°39	9°53	27° 9	M27
T 28	8 38 23	11° 6'06	24°10	9° 6	24°35	13° 9	20°40	12°32	21°26	29°29	7° 8	28°R12	27°36	10° 0	27° 7	T 28
W29	8 42 20	12° 6'35	7♒23	10°54	25°39	12°54	20°54	12°31	21°26	29°31	7° 6	28°12	27°32	10° 6	27° 5	W29
T 30	8 46 16	13° 7'03	20°54	12°44	26°43	12°40	21° 8	12°30	21°26	29°32	7° 5	28°11	27°29	10°13	27° 3	T 30
F 31	8 50 13	14♒ 7'29	4♓41	14♒35	27♐47	12♋27	21♑22	12♎28	21♎25	29♓34	7♌ 3	28♋ 9	27♋26	10♏20	27♍ 0	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s53	20s37	0s 3	23s58	0s27	15s46	4n17	25n50	4n14	23s10	0s20	2s34	2n33	7s48	0n35	1s58	1s40	28n11	10n 6	20n41	20n30	9s 7	5s25	7s 1	
T 2	22 47	18 35	1 15	24 8	0 34	15 58	4 16	25 55	4 15	23 8	0 20	2 35	2 33	7 48	0 35	1 58	1 40	28 12	10 6	20 41	20 30	9 9	5 25	7 1	
F 3	22 40	15 30	2 24	24 16	0 41	16 10	4 14	26 0	4 17	23 7	0 20	2 35	2 33	7 49	0 35	1 57	1 40	28 12	10 6	20 41	20 31	9 12	5 26	7 2	
S 4	22 32	11 35	3 26	24 23	0 47	16 23	4 13	26 5	4 18	23 5	0 21	2 36	2 33	7 49	0 35	1 57	1 40	28 13	10 7	20 40	20 32	9 14	5 27	7 2	
S 5	22 25	7 0	4 17	24 30	0 54	16 35	4 11	26 10	4 19	23 4	0 21	2 36	2 34	7 50	0 35	1 56	1 40	28 13	10 7	20 40	20 32	9 16	5 27	7 3	
M 6	22 16	2 1	4 54	24 34	1 0	16 47	4 9	26 15	4 19	23 2	0 21	2 36	2 34	7 50	0 35	1 56	1 40	28 14	10 7	20 40	20 33	9 18	5 28	7 3	
T 7	22 8	3n 8	5 14	24 38	1 6	16 59	4 8	26 19	4 20	23 1	0 21	2 36	2 34	7 50	0 35	1 55	1 40	28 14	10 7	20 40	20 34	9 21	5 28	7 4	
W 8	21 58	8 10	5 15	24 40	1 12	17 11	4 5	26 24	4 21	22 59	0 21	2 37	2 34	7 51	0 35	1 55	1 40	28 15	10 7	20 40	20 34	9 23	5 29	7 4	
T 9	21 49	12 47	4 57	24 41	1 17	17 23	4 3	26 28	4 21	22 57	0 21	2 37	2 35	7 51	0 35	1 54	1 40	28 15	10 8	20 40	20 35	9 25	5 29	7 5	
F 10	21 39	16 41	4 20	24 40	1 22	17 35	4 1	26 32	4 22	22 56	0 21	2 37	2 35	7 51	0 35	1 54	1 40	28 16	10 8	20 40	20 36	9 28	5 30	7 5	
S 11	21 28	19 35	3 27	24 38	1 27	17 47	3 58	26 35	4 22	22 54	0 21	2 37	2 35	7 51	0 35	1 53	1 40	28 16	10 8	20 40	20 36	9 30	5 30	7 6	
S 12	21 18	21 14	2 21	24 35	1 32	17 58	3 56	26 39	4 22	22 53	0 21	2 37	2 36	7 52	0 35	1 53	1 40	28 17	10 8	20 40	20 37	9 32	5 30	7 6	
M13	21 6	21 32	1 7	24 30	1 36	18 10	3 53	26 42	4 22	22 51	0 22	2 37	2 36	7 52	0 35	1 52	1 40	28 18	10 8	20 40	20 38	9 34	5 30	7 7	
T 14	20 55	20 29	0n 9	24 23	1 41	18 21	3 50	26 46	4 22	22 49	0 22	2 37	2 36	7 52	0 35	1 52	1 40	28 18	10 8	20 40	20 38	9 37	5 30	7 7	
W15	20 43	18 16	1 23	24 16	1 44	18 32	3 47	26 49	4 22	22 47	0 22	2 37	2 36	7 52	0 35	1 51	1 40	28 19	10 8	20 40	20 39	9 39	5 31	7 8	
T 16	20 30	15 7	2 31	24 6	1 48	18 43	3 44	26 51	4 22	22 46	0 22	2 37	2 37	7 52	0 35	1 51	1 40	28 19	10 9	20 40	20 39	9 41	5 31	7 8	
F 17	20 18	11 18	3 30	23 55	1 51	18 54	3 41	26 54	4 22	22 44	0 22	2 36	2 37	7 52	0 35	1 50	1 39	28 20	10 9	20 41	20 40	9 44	5 31	7 8	
S 18	20 4	7 5	4 17	23 42	1 54	19 4	3 37	26 56	4 21	22 42	0 22	2 36	2 37	7 52	0 35	1 50	1 39	28 20	10 9	20 41	20 41	9 46	5 31	7 9	
S 19	19 51	2 40	4 50	23 28	1 57	19 14	3 34	26 58	4 21	22 40	0 22	2 36	2 38	7 52	0 35	1 49	1 39	28 21	10 9	20 41	20 41	9 48	5 31	7 9	
M20	19 37	1s46	5 11	23 12	1 59	19 24	3 30	27 0	4 20	22 38	0 22	2 36	2 38	7 52	0 35	1 48	1 39	28 21	10 9	20 41	20 42	9 50	5 30	7 10	
T 21	19 23	6 4	5 17	22 54	2 0	19 34	3 27	27 2	4 20	22 37	0 22	2 35	2 38	7 52	0 35	1 48	1 39	28 22	10 9	20 41	20 43	9 53	5 30	7 10	
W22	19 8	10 8	5 10	22 35	2 2	19 43	3 23	27 3	4 19	22 35	0 23	2 35	2 38	7 52	0 35	1 47	1 39	28 22	10 9	20 41	20 43	9 55	5 30	7 11	
T 23	18 53	13 48	4 49	22 14	2 3	19 52	3 19	27 5	4 18	22 33	0 23	2 35	2 39	7 52	0 35	1 46	1 39	28 23	10 9	20 41	20 44	9 57	5 30	7 11	
F 24	18 38	16 56	4 16	21 51	2 3	20 0	3 16	27 6	4 17	22 31	0 23	2 34	2 39	7 52	0 35	1 46	1 39	28 23	10 9	20 41	20 45	9 59	5 29	7 11	
S 25	18 22	19 23	3 32	21 27	2 4	20 8	3 12	27 7	4 16	22 29	0 23	2 34	2 39	7 52	0 35	1 45	1 39	28 24	10 9	20 40	20 45	10 2	5 29	7 12	
S 26	18 6	20 59	2 36	21 1	2 3	20 16	3 8	27 8	4 15	22 27	0 23	2 33	2 39	7 52	0 36	1 44	1 39	28 24	10 9	20 40	20 46	10 4	5 28	7 12	
M27	17 50	21 35	1 32	20 33	2 3	20 23	3 4	27 8	4 14	22 25	0 23	2 32	2 40	7 52	0 36	1 44	1 39	28 25	10 10	20 40	20 46	10 6	5 28	7 12	
T 28	17 34	21 4	0 22	20 3	2 1	20 30	3 0	27 8	4 13	22 23	0 23	2 32	2 40	7 52	0 36	1 43	1 39	28 25	10 10	20 40	20 47	10 9	5 27	7 13	
W29	17 17	19 22	0s51	19 32	2 0	20 37	2 55	27 9	4 12	22 21	0 23	2 31	2 40	7 52	0 36	1 42	1 39	28 25	10 10	20 40	20 48	10 11	5 27	7 13	
T 30	17 0	16 33	2 2	18 59	1 58	20 43	2 51	27 9	4 10	22 19	0 23	2 30	2 40	7 52	0 36	1 42	1 39	28 26	10 10	20 40	20 48	10 13	5 26	7 13	
F 31	16s42	12s47	3s 8	18s24	1s55	20s48	2n47	27n 9	4n 9	22s17	0s24	2s30	2n41	7s52	0n36	1s41	1s39	28n26	10n10	20n40	20n49	10s15	5s26	7s14	

Julian Day Number = 1982576.5, Delta T = 58m24s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'19, Lahiri = 5°58'19 Julian Calendar 1 Jan. 716 == Greg. Calendar 5 Jan. 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

FEBRUARY 716 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 54 9	15♒ 7'53	18♓40	16♒26	28♐51	12°R14	21♑35	12°R27	21°R25	29♓36	7°R 2	28°R 7	27♋23	10♏27	26°R58	S 1
S 2	8 58 6	16° 8'15	2♈49	18°18	29°56	12♋ 3	21°49	12♎25	21♎24	29°38	7♌ 0	28♋ 4	27°20	10°33	26♍55	S 2
M 3	9 2 2	17° 8'36	17° 3	20°11	1♑ 1	11°52	22° 2	12°24	21°24	29°39	6°59	28° 2	27°17	10°40	26°53	M 3
T 4	9 5 59	18° 8'54	1♉18	22° 4	2° 6	11°42	22°16	12°22	21°23	29°41	6°58	28° 0	27°13	10°47	26°50	T 4
W 5	9 9 55	19° 9'10	15°32	23°58	3°11	11°32	22°29	12°20	21°22	29°43	6°56	28°D 0	27°10	10°53	26°47	W 5
T 6	9 13 52	20° 9'24	29°41	25°53	4°17	11°24	22°43	12°19	21°22	29°45	6°55	28° 0	27° 7	11° 0	26°44	T 6
F 7	9 17 49	21° 9'35	13♊45	27°48	5°22	11°16	22°56	12°17	21°21	29°47	6°53	28° 1	27° 4	11° 7	26°41	F 7
S 8	9 21 45	22° 9'45	27°41	29°43	6°28	11° 9	23° 9	12°15	21°20	29°49	6°52	28° 2	27° 1	11°14	26°38	S 8
S 9	9 25 42	23° 9'52	11♋28	1♓38	7°35	11° 3	23°23	12°13	21°19	29°50	6°50	28° 4	26°58	11°20	26°35	S 9
M10	9 29 38	24° 9'58	25° 5	3°33	8°41	10°58	23°36	12°10	21°18	29°52	6°49	28°R 5	26°54	11°27	26°31	M10
T 11	9 33 35	25°10'01	8♌30	5°27	9°47	10°53	23°49	12° 8	21°17	29°54	6°48	28° 4	26°51	11°34	26°28	T 11
W12	9 37 31	26°10'02	21°43	7°21	10°54	10°49	24° 2	12° 6	21°16	29°56	6°46	28° 2	26°48	11°40	26°25	W12
T 13	9 41 28	27°10'01	4♍42	9°13	12° 1	10°46	24°15	12° 3	21°15	29°58	6°45	27°59	26°45	11°47	26°21	T 13
F 14	9 45 24	28° 9'59	17°27	11° 4	13° 8	10°44	24°28	12° 1	21°14	0♈ 0	6°43	27°54	26°42	11°54	26°17	F 14
S 15	9 49 21	29° 9'54	29°58	12°53	14°15	10°43	24°41	11°58	21°13	0° 2	6°42	27°49	26°38	12° 1	26°14	S 15
S 16	9 53 18	0♓ 9'47	12♎15	14°39	15°22	10°D42	24°54	11°55	21°11	0° 4	6°41	27°43	26°35	12° 7	26°10	S 16
M17	9 57 14	1° 9'39	24°21	16°23	16°30	10°42	25° 7	11°52	21°10	0° 6	6°39	27°38	26°32	12°14	26° 6	M17
T 18	10 1 11	2° 9'29	6♏19	18° 4	17°37	10°43	25°20	11°49	21° 9	0° 8	6°38	27°34	26°29	12°21	26° 3	T 18
W19	10 5 7	3° 9'17	18°12	19°40	18°45	10°44	25°33	11°46	21° 7	0°10	6°37	27°31	26°26	12°28	25°59	W19
T 20	10 9 4	4° 9'03	0♐ 4	21°12	19°53	10°46	25°45	11°43	21° 6	0°12	6°35	27°D30	26°23	12°34	25°55	T 20
F 21	10 13 0	5° 8'48	12° 1	22°40	21° 1	10°49	25°58	11°40	21° 5	0°14	6°34	27°30	26°19	12°41	25°51	F 21
S 22	10 16 57	6° 8'30	24° 7	24° 2	22° 9	10°53	26°10	11°37	21° 3	0°16	6°33	27°31	26°16	12°48	25°47	S 22
S 23	10 20 53	7° 8'11	6♑27	25°18	23°17	10°57	26°23	11°34	21° 1	0°19	6°32	27°33	26°13	12°54	25°43	S 23
M24	10 24 50	8° 7'51	19° 5	26°28	24°26	11° 2	26°35	11°30	21° 0	0°21	6°30	27°34	26°10	13° 1	25°38	M24
T 25	10 28 47	9° 7'28	2♒ 6	27°32	25°34	11° 7	26°48	11°27	20°58	0°23	6°29	27°R34	26° 7	13° 8	25°34	T 25
W26	10 32 43	10° 7'03	15°31	28°28	26°43	11°14	27° 0	11°23	20°57	0°25	6°28	27°33	26° 3	13°15	25°30	W26
T 27	10 36 40	11° 6'37	29°20	29°18	27°51	11°21	27°12	11°20	20°55	0°27	6°27	27°29	26° 0	13°21	25°26	T 27
F 28	10 40 36	12° 6'08	13♓30	29°59	29° 0	11°28	27°24	11°16	20°53	0°29	6°26	27°24	25°57	13°28	25°22	F 28
S 29	10 44 33	13♓ 5'37	27♓58	0♈34	0♒ 9	11♋36	27♑36	11♎12	20♎51	0♈32	6♌25	27♋17	25♋54	13♏35	25♍17	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s25	8s15	4s 4	17s48	1s52	20s53	2n43	27n 8	4n 7	22s15	0s24	2s29	2n41	7s51	0n36	1s40	1s39	28n27	10n10	20n41	20n50	10s18	5s25	7s14
S 2	16 7	3 14	4 45	17 9	1 48	20 58	2 38	27 8	4 6	22 13	0 24	2 28	2 41	7 51	0 36	1 40	1 39	28 27	10 10	20 41	20 50	10 20	5 24	7 14
M 3	15 48	1n59	5 9	16 29	1 43	21 2	2 34	27 8	4 4	22 11	0 24	2 27	2 42	7 51	0 36	1 39	1 39	28 28	10 10	20 42	20 51	10 22	5 23	7 15
T 4	15 30	7 5	5 15	15 48	1 38	21 6	2 30	27 7	4 3	22 9	0 24	2 26	2 42	7 51	0 36	1 38	1 39	28 28	10 10	20 42	20 52	10 24	5 22	7 15
W 5	15 11	11 49	5 0	15 5	1 33	21 9	2 25	27 6	4 1	22 7	0 24	2 26	2 42	7 50	0 36	1 37	1 39	28 28	10 10	20 42	20 52	10 27	5 22	7 15
T 6	14 52	15 51	4 28	14 20	1 27	21 11	2 21	27 5	3 59	22 5	0 24	2 25	2 42	7 50	0 36	1 37	1 39	28 29	10 10	20 42	20 53	10 29	5 21	7 15
F 7	14 33	18 58	3 40	13 34	1 20	21 14	2 16	27 4	3 58	22 2	0 24	2 24	2 43	7 50	0 36	1 36	1 39	28 29	10 10	20 42	20 53	10 31	5 20	7 16
S 8	14 13	20 56	2 39	12 47	1 12	21 15	2 12	27 3	3 56	22 0	0 25	2 23	2 43	7 49	0 36	1 35	1 39	28 30	10 10	20 42	20 54	10 33	5 19	7 16
S 9	13 53	21 37	1 30	11 58	1 4	21 16	2 7	27 2	3 54	21 58	0 25	2 22	2 43	7 49	0 36	1 34	1 39	28 30	10 10	20 41	20 55	10 36	5 17	7 16
M10	13 33	21 0	0 16	11 8	0 56	21 17	2 3	27 1	3 53	21 56	0 25	2 20	2 43	7 49	0 36	1 33	1 39	28 30	10 10	20 41	20 55	10 38	5 16	7 16
T 11	13 13	19 11	0n57	10 17	0 46	21 17	1 58	26 59	3 51	21 54	0 25	2 19	2 43	7 48	0 36	1 33	1 39	28 31	10 10	20 41	20 56	10 40	5 15	7 17
W12	12 53	16 21	2 6	9 26	0 36	21 16	1 54	26 58	3 49	21 52	0 25	2 18	2 44	7 48	0 36	1 32	1 39	28 31	10 10	20 42	20 56	10 42	5 14	7 17
T 13	12 32	12 45	3 7	8 34	0 26	21 15	1 49	26 56	3 47	21 50	0 25	2 17	2 44	7 47	0 36	1 31	1 39	28 31	10 10	20 42	20 57	10 45	5 13	7 17
F 14	12 12	8 38	3 58	7 41	0 14	21 13	1 44	26 55	3 45	21 47	0 25	2 16	2 44	7 47	0 36	1 30	1 38	28 32	10 10	20 43	20 58	10 47	5 11	7 17
S 15	11 51	4 13	4 36	6 49	0 3	21 11	1 40	26 53	3 44	21 45	0 26	2 15	2 44	7 46	0 36	1 29	1 38	28 32	10 10	20 44	20 58	10 49	5 10	7 17
S 16	11 29	0s16	5 0	5 56	0n 9	21 8	1 35	26 51	3 42	21 43	0 26	2 13	2 45	7 46	0 36	1 29	1 38	28 32	10 10	20 46	20 59	10 51	5 9	7 17
M17	11 8	4 41	5 11	5 4	0 22	21 5	1 31	26 49	3 40	21 41	0 26	2 12	2 45	7 45	0 36	1 28	1 38	28 33	10 10	20 47	21 0	10 54	5 7	7 17
T 18	10 47	8 52	5 8	4 13	0 35	21 1	1 26	26 47	3 38	21 39	0 26	2 11	2 45	7 45	0 36	1 27	1 38	28 33	10 10	20 47	21 0	10 56	5 6	7 17
W19	10 25	12 42	4 52	3 23	0 48	20 56	1 22	26 45	3 36	21 36	0 26	2 9	2 45	7 44	0 36	1 26	1 38	28 33	10 10	20 48	21 1	10 58	5 4	7 18
T 20	10 3	16 1	4 23	2 34	1 1	20 51	1 17	26 43	3 34	21 34	0 26	2 8	2 45	7 44	0 36	1 25	1 38	28 34	10 10	20 48	21 1	11 0	5 3	7 18
F 21	9 41	18 43	3 42	1 47	1 15	20 45	1 13	26 41	3 32	21 32	0 26	2 6	2 46	7 43	0 36	1 24	1 38	28 34	10 9	20 48	21 2	11 3	5 1	7 18
S 22	9 19	20 37	2 52	1 2	1 28	20 39	1 8	26 39	3 30	21 30	0 27	2 5	2 46	7 43	0 36	1 23	1 38	28 34	10 9	20 48	21 3	11 5	5 0	7 18
S 23	8 57	21 35	1 52	0 20	1 42	20 32	1 4	26 37	3 29	21 27	0 27	2 4	2 46	7 42	0 36	1 23	1 38	28 34	10 9	20 48	21 3	11 7	4 58	7 18
M24	8 35	21 29	0 46	0n20	1 55	20 25	0 59	26 34	3 27	21 25	0 27	2 2	2 46	7 41	0 36	1 22	1 38	28 35	10 9	20 47	21 4	11 9	4 57	7 18
T 25	8 12	20 14	0s25	0 57	2 7	20 17	0 55	26 32	3 25	21 23	0 27	2 1	2 46	7 41	0 36	1 21	1 38	28 35	10 9	20 47	21 4	11 12	4 55	7 18
W26	7 50	17 49	1 36	1 31	2 20	20 8	0 50	26 30	3 23	21 21	0 27	1 59	2 47	7 40	0 36	1 20	1 38	28 35	10 9	20 48	21 5	11 14	4 53	7 18
T 27	7 27	14 20	2 43	2 2	2 31	19 59	0 46	26 27	3 21	21 19	0 27	1 57	2 47	7 40	0 36	1 19	1 38	28 35	10 9	20 48	21 6	11 16	4 51	7 18
F 28	7 4	9 57	3 42	2 29	2 42	19 49	0 42	26 25	3 19	21 16	0 27	1 56	2 47	7 39	0 36	1 18	1 38	28 36	10 9	20 50	21 6	11 18	4 50	7 17
S 29	6s41	4s55	4s29	2n52	2n53	19s39	0n37	26n22	3n17	21s14	0s28	1s54	2n47	7s38	0n36	1s17	1s38	28n36	10n 9	20n51	21n 7	11s21	4s48	7s17

Julian Day Number = 1982607.5, Delta T = 58m23s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'23, Lahiri = 5°58'23 Julian Calendar 1 Feb. 716 == Greg. Calendar 5 Feb. 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

MARCH 716 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 48 29	14♓ 5'04	12♈36	1♈ 0	1♒18	11♋45	27♑48	11°R 9	20°R49	0♈34	6°R23	27°R 9	25♋51	13♏41	25°R13	S 1
M 2	10 52 26	15° 4'29	27°17	1°19	2°27	11°54	28° 0	11♎ 5	20♎48	0°36	6♌22	27♋ 2	25°48	13°48	25♍ 8	M 2
T 3	10 56 22	16° 3'51	11♉54	1°29	3°36	12° 4	28°12	11° 1	20°46	0°38	6°21	26°56	25°44	13°55	25° 4	T 3
W 4	11 0 19	17° 3'11	26°22	1°R32	4°46	12°15	28°23	10°57	20°44	0°40	6°20	26°52	25°41	14° 2	25° 0	W 4
T 5	11 4 15	18° 2'29	10♊35	1°28	5°55	12°26	28°35	10°53	20°42	0°43	6°19	26°50	25°38	14° 8	24°55	T 5
F 6	11 8 12	19° 1'44	24°34	1°16	7° 4	12°37	28°46	10°49	20°40	0°45	6°18	26°D50	25°35	14°15	24°51	F 6
S 7	11 12 9	20° 0'57	8♋17	0°58	8°14	12°49	28°58	10°45	20°38	0°47	6°17	26°51	25°32	14°22	24°46	S 7
S 8	11 16 5	21° 0'08	21°44	0°33	9°24	13° 2	29° 9	10°41	20°36	0°49	6°16	26°R52	25°29	14°28	24°42	S 8
M 9	11 20 2	21°59'16	4♌59	0° 3	10°33	13°15	29°20	10°37	20°34	0°51	6°15	26°52	25°25	14°35	24°37	M 9
T 10	11 23 58	22°58'21	18° 1	29♓27	11°43	13°29	29°32	10°32	20°31	0°54	6°14	26°50	25°22	14°42	24°33	T 10
W11	11 27 55	23°57'25	0♍51	28°48	12°53	13°43	29°43	10°28	20°29	0°56	6°13	26°45	25°19	14°49	24°28	W11
T 12	11 31 51	24°56'26	13°31	28° 4	14° 3	13°58	29°54	10°24	20°27	0°58	6°12	26°38	25°16	14°55	24°23	T 12
F 13	11 35 48	25°55'25	26° 1	27°19	15°13	14°13	0♒ 4	10°19	20°25	1° 0	6°12	26°28	25°13	15° 2	24°19	F 13
S 14	11 39 44	26°54'22	8♎20	26°32	16°23	14°28	0°15	10°15	20°23	1° 3	6°11	26°17	25° 9	15° 9	24°14	S 14
S 15	11 43 41	27°53'17	20°30	25°44	17°33	14°44	0°26	10°11	20°20	1° 5	6°10	26° 6	25° 6	15°15	24°10	S 15
M16	11 47 38	28°52'10	2♏32	24°57	18°43	15° 1	0°36	10° 6	20°18	1° 7	6° 9	25°55	25° 3	15°22	24° 5	M16
T 17	11 51 34	29°51'01	14°28	24°10	19°53	15°18	0°47	10° 2	20°16	1°10	6° 8	25°45	25° 0	15°29	24° 1	T 17
W18	11 55 31	0♈49'50	26°19	23°26	21° 3	15°35	0°57	9°57	20°13	1°12	6° 8	25°37	24°57	15°36	23°56	W18
T 19	11 59 27	1°48'37	8♐10	22°45	22°14	15°53	1° 8	9°53	20°11	1°14	6° 7	25°32	24°54	15°42	23°52	T 19
F 20	12 3 24	2°47'23	20° 5	22° 7	23°24	16°11	1°18	9°48	20° 9	1°16	6° 6	25°29	24°50	15°49	23°47	F 20
S 21	12 7 20	3°46'07	2♑ 8	21°33	24°35	16°29	1°28	9°44	20° 6	1°19	6° 5	25°D28	24°47	15°56	23°43	S 21
S 22	12 11 17	4°44'49	14°26	21° 3	25°45	16°48	1°38	9°39	20° 4	1°21	6° 5	25°29	24°44	16° 2	23°39	S 22
M23	12 15 13	5°43'29	27° 2	20°38	26°56	17° 7	1°47	9°35	20° 1	1°23	6° 4	25°R29	24°41	16° 9	23°34	M23
T 24	12 19 10	6°42'07	10♒ 2	20°18	28° 6	17°27	1°57	9°30	19°59	1°25	6° 4	25°28	24°38	16°16	23°30	T 24
W25	12 23 7	7°40'44	23°28	20° 3	29°17	17°47	2° 7	9°26	19°57	1°28	6° 3	25°25	24°35	16°23	23°26	W25
T 26	12 27 3	8°39'19	7♓24	19°53	0♓28	18° 7	2°16	9°21	19°54	1°30	6° 2	25°20	24°31	16°29	23°21	T 26
F 27	12 31 0	9°37'52	21°46	19°D48	1°38	18°28	2°26	9°16	19°52	1°32	6° 2	25°12	24°28	16°36	23°17	F 27
S 28	12 34 56	10°36'23	6♈32	19°49	2°49	18°49	2°35	9°12	19°49	1°34	6° 1	25° 2	24°25	16°43	23°13	S 28
S 29	12 38 53	11°34'53	21°32	19°54	4° 0	19°10	2°44	9° 7	19°47	1°37	6° 1	24°51	24°22	16°49	23° 9	S 29
M30	12 42 49	12°33'20	6♉37	20° 4	5°11	19°32	2°53	9° 3	19°44	1°39	6° 1	24°40	24°19	16°56	23° 4	M30
T 31	12 46 46	13♈31'45	21♉37	20♓20	6♓22	19♋54	3♒ 2	8♎58	19♎42	1♈41	6♌ 0	24♋31	24♋15	17♏ 3	23♍ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s18	0n27	4s58	3n11	3n 2	19s28	0n33	26n20	3n16	21s12	0s28	1s53	2n47	7s37	0n36	1s16	1s38	28n36	10n 9	20n52	21n 7	11s23	4s46	7s17
M 2	5 55	5 48	5 7	3 25	3 10	19 17	0 29	26 17	3 14	21 10	0 28	1 51	2 47	7 37	0 36	1 16	1 38	28 36	10 9	20 54	21 8	11 25	4 44	7 17
T 3	5 32	10 48	4 57	3 36	3 17	19 5	0 25	26 14	3 12	21 7	0 28	1 49	2 47	7 36	0 36	1 15	1 38	28 36	10 8	20 55	21 9	11 27	4 42	7 17
W 4	5 9	15 8	4 28	3 42	3 22	18 52	0 21	26 11	3 10	21 5	0 28	1 48	2 48	7 35	0 36	1 14	1 38	28 37	10 8	20 56	21 9	11 30	4 40	7 17
T 5	4 46	18 31	3 43	3 45	3 27	18 39	0 16	26 9	3 8	21 3	0 28	1 46	2 48	7 35	0 36	1 13	1 38	28 37	10 8	20 56	21 10	11 32	4 38	7 17
F 6	4 22	20 45	2 45	3 42	3 29	18 26	0 12	26 6	3 6	21 1	0 29	1 44	2 48	7 34	0 36	1 12	1 38	28 37	10 8	20 56	21 10	11 34	4 36	7 16
S 7	3 59	21 43	1 38	3 36	3 30	18 12	0 8	26 3	3 5	20 59	0 29	1 43	2 48	7 33	0 36	1 11	1 38	28 37	10 8	20 56	21 11	11 36	4 34	7 16
S 8	3 35	21 23	0 28	3 26	3 30	17 57	0 4	26 0	3 3	20 56	0 29	1 41	2 48	7 32	0 36	1 10	1 38	28 37	10 8	20 56	21 11	11 38	4 32	7 16
M 9	3 12	19 51	0n43	3 11	3 28	17 42	0 0	25 57	3 1	20 54	0 29	1 39	2 48	7 31	0 36	1 9	1 38	28 37	10 8	20 56	21 12	11 41	4 30	7 16
T 10	2 48	17 18	1 51	2 53	3 24	17 27	0s 3	25 53	2 59	20 52	0 29	1 37	2 48	7 31	0 36	1 8	1 38	28 37	10 8	20 56	21 13	11 43	4 28	7 16
W11	2 25	13 55	2 51	2 32	3 18	17 11	0 7	25 50	2 58	20 50	0 29	1 35	2 48	7 30	0 36	1 8	1 38	28 37	10 7	20 57	21 13	11 45	4 26	7 15
T 12	2 1	9 56	3 42	2 8	3 11	16 54	0 11	25 47	2 56	20 48	0 30	1 34	2 49	7 29	0 36	1 7	1 38	28 38	10 7	20 58	21 14	11 47	4 24	7 15
F 13	1 38	5 36	4 22	1 42	3 2	16 37	0 15	25 44	2 54	20 45	0 30	1 32	2 49	7 28	0 36	1 6	1 38	28 38	10 7	21 0	21 14	11 50	4 22	7 15
S 14	1 14	1 5	4 49	1 14	2 51	16 20	0 18	25 40	2 53	20 43	0 30	1 30	2 49	7 27	0 36	1 5	1 38	28 38	10 7	21 2	21 15	11 52	4 20	7 14
S 15	0 51	3s24	5 2	0 44	2 39	16 2	0 22	25 37	2 51	20 41	0 30	1 28	2 49	7 26	0 36	1 4	1 38	28 38	10 7	21 5	21 16	11 54	4 18	7 14
M16	0 27	7 43	5 1	0 13	2 27	15 43	0 25	25 33	2 49	20 39	0 30	1 27	2 49	7 25	0 36	1 3	1 38	28 38	10 7	21 7	21 16	11 56	4 16	7 14
T 17	0 4	11 43	4 47	0s18	2 13	15 24	0 29	25 30	2 48	20 37	0 30	1 25	2 49	7 25	0 36	1 2	1 38	28 38	10 6	21 8	21 17	11 58	4 14	7 13
W18	0n20	15 14	4 21	0 49	1 58	15 5	0 32	25 26	2 46	20 35	0 31	1 23	2 49	7 24	0 36	1 1	1 38	28 38	10 6	21 10	21 17	12 1	4 12	7 13
T 19	0 43	18 8	3 44	1 20	1 42	14 45	0 36	25 22	2 44	20 33	0 31	1 21	2 49	7 23	0 36	1 0	1 38	28 38	10 6	21 11	21 18	12 3	4 10	7 13
F 20	1 7	20 18	2 57	1 50	1 26	14 25	0 39	25 18	2 43	20 31	0 31	1 19	2 49	7 22	0 36	0 59	1 38	28 38	10 6	21 11	21 18	12 5	4 7	7 12
S 21	1 30	21 34	2 1	2 18	1 10	14 5	0 42	25 15	2 41	20 29	0 31	1 17	2 49	7 21	0 36	0 58	1 38	28 38	10 6	21 12	21 19	12 7	4 5	7 12
S 22	1 54	21 51	0 58	2 45	0 54	13 44	0 45	25 11	2 39	20 27	0 31	1 16	2 49	7 20	0 36	0 58	1 38	28 38	10 6	21 11	21 20	12 10	4 3	7 11
M23	2 17	21 2	0s 8	3 9	0 38	13 22	0 48	25 7	2 38	20 25	0 32	1 14	2 49	7 19	0 36	0 57	1 38	28 38	10 5	21 11	21 20	12 12	4 1	7 11
T 24	2 41	19 5	1 16	3 32	0 22	13 1	0 51	25 2	2 36	20 23	0 32	1 12	2 49	7 18	0 36	0 56	1 38	28 38	10 5	21 12	21 21	12 14	3 59	7 10
W25	3 4	16 2	2 23	3 53	0 6	12 39	0 54	24 58	2 35	20 21	0 32	1 10	2 49	7 17	0 36	0 55	1 38	28 38	10 5	21 12	21 21	12 16	3 57	7 10
T 26	3 27	11 59	3 23	4 11	0s 9	12 16	0 57	24 54	2 33	20 19	0 32	1 8	2 49	7 16	0 36	0 54	1 38	28 38	10 5	21 13	21 22	12 18	3 54	7 9
F 27	3 50	7 8	4 12	4 26	0 24	11 53	1 0	24 50	2 32	20 17	0 32	1 6	2 49	7 15	0 36	0 53	1 38	28 38	10 5	21 15	21 22	12 21	3 52	7 9
S 28	4 14	1 46	4 46	4 39	0 39	11 30	1 2	24 45	2 30	20 15	0 32	1 5	2 49	7 14	0 36	0 52	1 38	28 38	10 5	21 16	21 23	12 23	3 50	7 8
S 29	4 37	3n48	5 0	4 50	0 52	11 7	1 5	24 41	2 29	20 13	0 33	1 3	2 49	7 14	0 36	0 51	1 38	28 38	10 4	21 18	21 24	12 25	3 48	7 8
M30	5 0	9 11	4 55	4 58	1 5	10 43	1 7	24 36	2 27	20 11	0 33	1 1	2 49	7 13	0 36	0 50	1 38	28 38	10 4	21 20	21 24	12 27	3 46	7 7
T 31	5n22	13n58	4s28	5s 3	1s18	10s19	1s10	24n31	2n26	20s 9	0s33	0s59	2n49	7s12	0n36	0s50	1s38	28n38	10n 4	21n22	21n25	12s29	3s44	7s 6

Julian Day Number = 1982636.5, Delta T = 58m22s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'27, Lahiri = 5°58'27 Julian Calendar 1 March 716 == Greg. Calendar 5 March 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

APRIL 716 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 50 42	14♈30'08	6♊24	20♓39	7♓33	20♋16	3♒11	8°R54	19°R39	1♈43	6°R 0	24°R25	24♋12	17♏10	22°R56	W 1
T 2	12 54 39	15°28'30	20°52	21° 4	8°44	20°39	3°19	8♎49	19♎37	1°46	5♌59	24♋21	24° 9	17°16	22♐52	T 2
F 3	12 58 35	16°26'49	4♋57	21°32	9°55	21° 2	3°28	8°45	19°34	1°48	5°59	24°19	24° 6	17°23	22°48	F 3
S 4	13 2 32	17°25'05	18°39	22° 5	11° 6	21°25	3°36	8°40	19°31	1°50	5°59	24°19	24° 3	17°30	22°45	S 4
S 5	13 6 29	18°23'20	2♌ 0	22°42	12°17	21°49	3°44	8°36	19°29	1°52	5°58	24°19	24° 0	17°36	22°41	S 5
M 6	13 10 25	19°21'33	15° 3	23°23	13°28	22°12	3°52	8°31	19°26	1°54	5°58	24°18	23°56	17°43	22°37	M 6
T 7	13 14 22	20°19'43	27°50	24° 7	14°40	22°36	4° 0	8°27	19°24	1°57	5°58	24°14	23°53	17°50	22°33	T 7
W 8	13 18 18	21°17'51	10♍25	24°55	15°51	23° 1	4° 8	8°22	19°21	1°59	5°58	24° 8	23°50	17°57	22°30	W 8
T 9	13 22 15	22°15'57	22°48	25°46	17° 2	23°25	4°16	8°18	19°19	2° 1	5°58	24° 0	23°47	18° 3	22°26	T 9
F 10	13 26 11	23°14'02	5♎ 4	26°40	18°13	23°50	4°23	8°14	19°16	2° 3	5°58	23°48	23°44	18°10	22°23	F 10
S 11	13 30 8	24°12'05	17°11	27°38	19°25	24°15	4°30	8° 9	19°14	2° 5	5°57	23°35	23°40	18°17	22°19	S 11
S 12	13 34 4	25°10'05	29°13	28°38	20°36	24°41	4°38	8° 5	19°11	2° 7	5°57	23°21	23°37	18°23	22°16	S 12
M13	13 38 1	26° 8'05	11♏ 9	29°42	21°47	25° 6	4°45	8° 1	19° 9	2° 9	5°57	23° 7	23°34	18°30	22°13	M13
T 14	13 41 58	27° 6'02	23° 2	0♈48	22°59	25°32	4°52	7°56	19° 6	2°11	5°D57	22°55	23°31	18°37	22° 9	T 14
W15	13 45 54	28° 3'58	4♐52	1°57	24°10	25°58	4°58	7°52	19° 4	2°14	5°57	22°45	23°28	18°43	22° 6	W15
T 16	13 49 51	29° 1'53	16°43	3° 9	25°22	26°24	5° 5	7°48	19° 1	2°16	5°57	22°38	23°25	18°50	22° 3	T 16
F 17	13 53 47	29°59'47	28°38	4°23	26°33	26°51	5°11	7°44	18°59	2°18	5°57	22°34	23°21	18°57	22° 0	F 17
S 18	13 57 44	0♑57'39	10♑41	5°39	27°45	27°17	5°18	7°40	18°56	2°20	5°57	22°32	23°18	19° 4	21°57	S 18
S 19	14 1 40	1°55'29	22°57	6°58	28°56	27°44	5°24	7°36	18°54	2°22	5°58	22°D32	23°15	19°10	21°55	S 19
M20	14 5 37	2°53'19	5♒30	8°20	0♈ 8	28°11	5°30	7°32	18°51	2°24	5°58	22°R32	23°12	19°17	21°52	M20
T 21	14 9 33	3°51'07	18°26	9°43	1°20	28°39	5°36	7°28	18°49	2°26	5°58	22°31	23° 9	19°24	21°49	T 21
W22	14 13 30	4°48'54	1♓49	11° 9	2°31	29° 6	5°41	7°25	18°46	2°28	5°58	22°29	23° 6	19°30	21°47	W22
T 23	14 17 27	5°46'39	15°41	12°38	3°43	29°34	5°47	7°21	18°44	2°30	5°58	22°24	23° 2	19°37	21°44	T 23
F 24	14 21 23	6°44'24	0♈ 2	14° 8	4°55	0♌ 2	5°52	7°17	18°42	2°32	5°59	22°17	22°59	19°44	21°42	F 24
S 25	14 25 20	7°42'07	14°50	15°41	6° 7	0°30	5°58	7°13	18°39	2°34	5°59	22° 8	22°56	19°51	21°40	S 25
S 26	14 29 16	8°39'49	29°57	17°16	7°18	0°58	6° 3	7°10	18°37	2°36	5°59	21°57	22°53	19°57	21°37	S 26
M27	14 33 13	9°37'29	15♉13	18°53	8°30	1°27	6° 7	7° 6	18°35	2°38	6° 0	21°47	22°50	20° 4	21°35	M27
T 28	14 37 9	10°35'09	0♊28	20°32	9°42	1°56	6°12	7° 3	18°32	2°39	6° 0	21°38	22°46	20°11	21°33	T 28
W29	14 41 6	11°32'47	15°31	22°14	10°54	2°24	6°17	7° 0	18°30	2°41	6° 0	21°32	22°43	20°17	21°31	W29
T 30	14 45 2	12♉30'23	0♋13	23♈58	12♈ 6	2♌53	6♒21	6♎56	18♎28	2♈43	6♌ 1	21♋28	22♋40	20♏24	21♐30	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n45	17n50	3s45	5s 6	1s29	9s55	1s12	24n26	2n24	20s 7	0s33	0s57	2n49	7s11	0n36	0s49	1s38	28n38	10n 4	21n23	21n25	12s32	3s41	7s 6
T 2	6 8	20 31	2 47	5 6	1 40	9 30	1 14	24 22	2 23	20 5	0 33	0 56	2 49	7 10	0 36	0 48	1 38	28 37	10 4	21 24	21 26	12 34	3 39	7 5
F 3	6 31	21 50	1 41	5 4	1 50	9 5	1 17	24 17	2 21	20 4	0 34	0 54	2 49	7 9	0 36	0 47	1 38	28 37	10 3	21 24	21 26	12 36	3 37	7 5
S 4	6 53	21 48	0 30	5 0	2 0	8 40	1 19	24 11	2 20	20 2	0 34	0 52	2 49	7 8	0 36	0 46	1 38	28 37	10 3	21 24	21 27	12 38	3 35	7 4
S 5	7 15	20 30	0n41	4 53	2 9	8 14	1 21	24 6	2 19	20 0	0 34	0 50	2 49	7 7	0 36	0 45	1 38	28 37	10 3	21 24	21 27	12 40	3 33	7 3
M 6	7 38	18 8	1 47	4 44	2 17	7 49	1 23	24 1	2 17	19 58	0 34	0 49	2 49	7 6	0 36	0 44	1 38	28 37	10 3	21 24	21 28	12 43	3 31	7 3
T 7	8 0	14 55	2 47	4 33	2 24	7 23	1 25	23 56	2 16	19 57	0 34	0 47	2 49	7 5	0 36	0 44	1 38	28 37	10 3	21 25	21 29	12 45	3 29	7 2
W 8	8 22	11 4	3 38	4 20	2 30	6 57	1 26	23 50	2 14	19 55	0 35	0 45	2 49	7 4	0 36	0 43	1 38	28 37	10 2	21 26	21 29	12 47	3 27	7 1
T 9	8 44	6 48	4 17	4 5	2 36	6 30	1 28	23 45	2 13	19 53	0 35	0 44	2 49	7 3	0 36	0 42	1 38	28 36	10 2	21 27	21 30	12 49	3 25	7 1
F 10	9 5	2 19	4 44	3 48	2 41	6 4	1 30	23 39	2 12	19 52	0 35	0 42	2 49	7 2	0 36	0 41	1 38	28 36	10 2	21 29	21 30	12 51	3 23	7 0
S 11	9 27	2s13	4 58	3 28	2 45	5 37	1 31	23 33	2 10	19 50	0 35	0 40	2 49	7 1	0 36	0 40	1 38	28 36	10 2	21 32	21 31	12 53	3 21	6 59
S 12	9 48	6 38	4 58	3 8	2 49	5 10	1 33	23 27	2 9	19 49	0 36	0 39	2 49	7 0	0 36	0 39	1 39	28 36	10 1	21 34	21 31	12 56	3 19	6 58
M13	10 10	10 46	4 45	2 45	2 52	4 43	1 34	23 21	2 8	19 47	0 36	0 37	2 49	6 59	0 36	0 39	1 39	28 36	10 1	21 36	21 32	12 58	3 17	6 58
T 14	10 31	14 28	4 20	2 21	2 54	4 16	1 36	23 15	2 7	19 46	0 36	0 36	2 49	6 58	0 36	0 38	1 39	28 36	10 1	21 39	21 32	13 0	3 15	6 57
W15	10 52	17 36	3 43	1 54	2 56	3 49	1 37	23 9	2 5	19 44	0 36	0 34	2 48	6 57	0 36	0 37	1 39	28 35	10 1	21 40	21 33	13 2	3 13	6 56
T 16	11 12	20 0	2 57	1 27	2 57	3 21	1 38	23 3	2 4	19 43	0 36	0 32	2 48	6 56	0 36	0 36	1 39	28 35	10 1	21 41	21 34	13 4	3 11	6 55
F 17	11 33	21 33	2 3	0 58	2 57	2 53	1 39	22 56	2 3	19 42	0 37	0 31	2 48	6 55	0 36	0 35	1 39	28 35	10 0	21 42	21 34	13 7	3 9	6 55
S 18	11 53	22 8	1 2	0 27	2 57	2 26	1 40	22 50	2 1	19 40	0 37	0 29	2 48	6 54	0 36	0 34	1 39	28 35	10 0	21 42	21 35	13 9	3 7	6 54
S 19	12 13	21 40	0s 2	0n 6	2 56	1 58	1 41	22 43	2 0	19 39	0 37	0 28	2 48	6 54	0 36	0 34	1 39	28 34	10 0	21 42	21 35	13 11	3 5	6 53
M20	12 33	20 8	1 8	0 39	2 55	1 30	1 42	22 36	1 59	19 38	0 37	0 27	2 48	6 53	0 36	0 33	1 39	28 34	10 0	21 42	21 36	13 13	3 3	6 52
T 21	12 53	17 30	2 13	1 14	2 52	1 2	1 42	22 30	1 58	19 36	0 38	0 25	2 48	6 52	0 36	0 32	1 39	28 34	10 0	21 43	21 36	13 15	3 2	6 51
W22	13 13	13 53	3 12	1 51	2 50	0 34	1 43	22 23	1 56	19 35	0 38	0 24	2 48	6 51	0 36	0 31	1 39	28 34	9 59	21 43	21 37	13 17	3 0	6 50
T 23	13 32	9 24	4 2	2 28	2 46	0 6	1 44	22 16	1 55	19 34	0 38	0 22	2 47	6 50	0 36	0 31	1 39	28 33	9 59	21 44	21 37	13 20	2 58	6 50
F 24	13 51	4 15	4 39	3 7	2 42	0n23	1 44	22 8	1 54	19 33	0 38	0 21	2 47	6 49	0 36	0 30	1 39	28 33	9 59	21 45	21 38	13 22	2 56	6 49
S 25	14 10	1n17	4 59	3 47	2 38	0 51	1 44	22 1	1 53	19 32	0 38	0 20	2 47	6 48	0 36	0 29	1 39	28 33	9 59	21 46	21 38	13 24	2 55	6 48
S 26	14 29	6 52	4 59	4 28	2 33	1 19	1 45	21 54	1 52	19 31	0 39	0 18	2 47	6 47	0 36	0 28	1 39	28 33	9 58	21 48	21 39	13 26	2 53	6 47
M27	14 48	12 6	4 37	5 11	2 27	1 47	1 45	21 46	1 50	19 30	0 39	0 17	2 47	6 46	0 36	0 28	1 39	28 32	9 58	21 50	21 39	13 28	2 51	6 46
T 28	15 6	16 33	3 56	5 54	2 21	2 16	1 45	21 38	1 49	19 29	0 39	0 16	2 47	6 45	0 36	0 27	1 39	28 32	9 58	21 51	21 40	13 30	2 50	6 45
W29	15 24	19 51	2 58	6 38	2 15	2 44	1 45	21 31	1 48	19 28	0 39	0 15	2 47	6 45	0 36	0 26	1 39	28 32	9 58	21 52	21 40	13 32	2 48	6 44
T 30	15n42	21n46	1s50	7n23	2s 7	3n12	1s45	21n23	1n47	19s27	0s40	0s14	2n46	6s44	0n36	0s26	1s39	28n31	9n58	21n53	21n41	13s35	2s47	6s43

Julian Day Number = 1982667.5, Delta T = 58m22s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'31, Lahiri = 5°58'32 Julian Calendar 1 Apr. 716 == Greg. Calendar 5 Apr. 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

MAY 716 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 48 59	13♉27'58	14♋30	25♈44	13♈18	3♌23	6♒25	6°R53	18°R26	2♈45	6♌ 1	21°R27	22♋37	20♏31	21°R28	F 1
S 2	14 52 56	14°25'32	28°20	27°32	14°30	3°52	6°29	6♎50	18♎23	2°47	6° 2	21°D27	22°34	20°38	21♍26	S 2
S 3	14 56 52	15°23'04	11♌45	29°22	15°41	4°22	6°33	6°47	18°21	2°49	6° 2	21°R27	22°31	20°44	21°25	S 3
M 4	15 0 49	16°20'34	24°46	1♉14	16°53	4°51	6°37	6°44	18°19	2°50	6° 3	21♋27	22°27	20°51	21°23	M 4
T 5	15 4 45	17°18'03	7♍28	3° 9	18° 5	5°21	6°40	6°41	18°17	2°52	6° 3	21°25	22°24	20°58	21°22	T 5
W 6	15 8 42	18°15'31	19°55	5° 6	19°17	5°51	6°43	6°38	18°15	2°54	6° 4	21°21	22°21	21° 4	21°21	W 6
T 7	15 12 38	19°12'57	2♎ 9	7° 5	20°29	6°22	6°46	6°35	18°13	2°56	6° 5	21°14	22°18	21°11	21°20	T 7
F 8	15 16 35	20°10'22	14°15	9° 5	21°41	6°52	6°49	6°33	18°11	2°57	6° 5	21° 5	22°15	21°18	21°19	F 8
S 9	15 20 31	21° 7'46	26°14	11° 8	22°54	7°22	6°52	6°30	18° 9	2°59	6° 6	20°55	22°12	21°24	21°18	S 9
S 10	15 24 28	22° 5'09	8♏ 9	13°12	24° 6	7°53	6°55	6°28	18° 7	3° 0	6° 7	20°44	22° 8	21°31	21°17	S 10
M11	15 28 25	23° 2'31	20° 2	15°18	25°18	8°24	6°57	6°25	18° 5	3° 2	6° 8	20°33	22° 5	21°38	21°16	M11
T 12	15 32 21	23°59'51	1♐53	17°26	26°30	8°55	6°59	6°23	18° 3	3° 4	6° 8	20°23	22° 2	21°45	21°16	T 12
W13	15 36 18	24°57'11	13°45	19°35	27°42	9°26	7° 1	6°20	18° 1	3° 5	6° 9	20°16	21°59	21°51	21°15	W13
T 14	15 40 14	25°54'31	25°39	21°45	28°54	9°57	7° 3	6°18	17°59	3° 7	6°10	20°10	21°56	21°58	21°15	T 14
F 15	15 44 11	26°51'49	7♑39	23°55	0♉ 6	10°28	7° 5	6°16	17°57	3° 8	6°11	20° 8	21°52	22° 5	21°15	F 15
S 16	15 48 7	27°49'07	19°47	26° 7	1°19	11° 0	7° 6	6°14	17°56	3°10	6°12	20°D 7	21°49	22°11	21°15	S 16
S 17	15 52 4	28°46'24	2♒ 6	28°19	2°31	11°31	7° 7	6°12	17°54	3°11	6°13	20° 7	21°46	22°18	21°D15	S 17
M18	15 56 0	29°43'41	14°41	0♊31	3°43	12° 3	7° 8	6°10	17°52	3°13	6°13	20° 8	21°43	22°25	21°15	M18
T 19	15 59 57	0♊40'57	27°36	2°42	4°56	12°35	7° 9	6° 9	17°51	3°14	6°14	20°R 9	21°40	22°32	21°15	T 19
W20	16 3 54	1°38'13	10♓54	4°54	6° 8	13° 7	7°10	6° 7	17°49	3°16	6°15	20° 9	21°37	22°38	21°15	W20
T 21	16 7 50	2°35'28	24°39	7° 4	7°20	13°39	7°10	6° 6	17°47	3°17	6°16	20° 7	21°33	22°45	21°15	T 21
F 22	16 11 47	3°32'43	8♈51	9°14	8°33	14°11	7°11	6° 4	17°46	3°18	6°17	20° 3	21°30	22°52	21°16	F 22
S 23	16 15 43	4°29'58	23°29	11°22	9°45	14°44	7°R11	6° 3	17°44	3°20	6°18	19°57	21°27	22°58	21°17	S 23
S 24	16 19 40	5°27'13	8♉28	13°29	10°57	15°16	7°11	6° 1	17°43	3°21	6°19	19°51	21°24	23° 5	21°17	S 24
M25	16 23 36	6°24'27	23°39	15°35	12°10	15°49	7°10	6° 0	17°42	3°22	6°21	19°45	21°21	23°12	21°18	M25
T 26	16 27 33	7°21'40	8♊53	17°38	13°22	16°22	7°10	5°59	17°40	3°23	6°22	19°39	21°17	23°18	21°19	T 26
W27	16 31 29	8°18'54	23°59	19°40	14°35	16°55	7° 9	5°58	17°39	3°25	6°23	19°35	21°14	23°25	21°20	W27
T 28	16 35 26	9°16'06	8♋48	21°41	15°47	17°28	7° 8	5°57	17°38	3°26	6°24	19°33	21°11	23°32	21°21	T 28
F 29	16 39 23	10°13'18	23°13	23°39	17° 0	18° 1	7° 7	5°57	17°36	3°27	6°25	19°D33	21° 8	23°39	21°22	F 29
S 30	16 43 19	11°10'30	7♌12	25°35	18°13	18°34	7° 6	5°56	17°35	3°28	6°26	19°34	21° 5	23°45	21°24	S 30
S 31	16 47 16	12♊ 7'41	20♌44	27♊29	19♉25	19♌ 7	7♒ 4	5♎55	17♎34	3♈29	6♌28	19♋35	21♋ 2	23♏52	21♍25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n59	22n12	0s37	8n 9	2s 0	3n40	1s45	21n15	1n46	19s26	0s40	0s13	2n46	6s43	0n36	0s25	1s39	28n31	9n57	21n53	21n42	13s37	2s45	6s42
S 2	16 17	21 14	0n37	8 56	1 52	4 8	1 45	21 7	1 45	19 26	0 40	0 11	2 46	6 42	0 36	0 24	1 39	28 31	9 57	21 53	21 42	13 39	2 44	6 42
S 3	16 34	19 5	1 46	9 43	1 43	4 36	1 45	20 59	1 44	19 25	0 40	0 10	2 46	6 41	0 36	0 23	1 39	28 30	9 57	21 53	21 43	13 41	2 42	6 41
M 4	16 50	15 59	2 48	10 31	1 34	5 4	1 44	20 50	1 42	19 24	0 41	0 9	2 46	6 41	0 36	0 23	1 39	28 30	9 57	21 53	21 43	13 43	2 41	6 40
T 5	17 7	12 13	3 39	11 19	1 25	5 32	1 44	20 42	1 41	19 24	0 41	0 8	2 45	6 40	0 36	0 22	1 39	28 30	9 57	21 53	21 44	13 45	2 39	6 39
W 6	17 23	8 0	4 20	12 7	1 16	6 0	1 44	20 33	1 40	19 23	0 41	0 7	2 45	6 39	0 36	0 21	1 39	28 29	9 56	21 54	21 44	13 48	2 38	6 38
T 7	17 39	3 31	4 47	12 56	1 6	6 28	1 43	20 25	1 39	19 22	0 41	0 7	2 45	6 38	0 36	0 21	1 39	28 29	9 56	21 55	21 45	13 50	2 37	6 37
F 8	17 55	1s 2	5 2	13 45	0 55	6 56	1 43	20 16	1 38	19 22	0 42	0 6	2 45	6 37	0 36	0 20	1 39	28 28	9 56	21 56	21 45	13 52	2 36	6 36
S 9	18 10	5 30	5 2	14 34	0 45	7 23	1 42	20 7	1 37	19 22	0 42	0 5	2 45	6 37	0 36	0 20	1 39	28 28	9 56	21 58	21 46	13 54	2 34	6 35
S 10	18 25	9 45	4 50	15 22	0 34	7 51	1 41	19 58	1 36	19 21	0 42	0 4	2 44	6 36	0 36	0 19	1 40	28 28	9 56	22 0	21 46	13 56	2 33	6 34
M11	18 40	13 37	4 25	16 10	0 24	8 18	1 40	19 49	1 35	19 21	0 42	0 3	2 44	6 35	0 36	0 18	1 40	28 27	9 55	22 1	21 47	13 58	2 32	6 33
T 12	18 54	16 57	3 49	16 57	0 13	8 45	1 39	19 40	1 34	19 20	0 43	0 2	2 44	6 35	0 36	0 18	1 40	28 27	9 55	22 3	21 47	14 0	2 31	6 32
W13	19 8	19 36	3 2	17 43	0 2	9 12	1 38	19 30	1 33	19 20	0 43	0 2	2 44	6 34	0 36	0 17	1 40	28 27	9 55	22 4	21 48	14 2	2 30	6 31
T 14	19 22	21 25	2 7	18 28	0n 8	9 39	1 37	19 21	1 32	19 20	0 43	0 1	2 44	6 33	0 36	0 17	1 40	28 26	9 55	22 5	21 48	14 5	2 29	6 30
F 15	19 35	22 16	1 7	19 11	0 19	10 5	1 36	19 11	1 31	19 20	0 43	0 0	2 43	6 32	0 36	0 16	1 40	28 26	9 55	22 5	21 49	14 7	2 28	6 29
S 16	19 49	22 6	0 2	19 53	0 29	10 31	1 35	19 1	1 30	19 20	0 44	0n 0	2 43	6 32	0 36	0 16	1 40	28 25	9 54	22 5	21 49	14 9	2 27	6 28
S 17	20 1	20 52	1s 4	20 33	0 39	10 57	1 34	18 52	1 29	19 20	0 44	0 1	2 43	6 31	0 36	0 15	1 40	28 25	9 54	22 5	21 50	14 11	2 26	6 27
M18	20 14	18 35	2 8	21 12	0 49	11 23	1 33	18 42	1 27	19 20	0 44	0 1	2 43	6 31	0 36	0 14	1 40	28 24	9 54	22 5	21 50	14 13	2 25	6 26
T 19	20 26	15 20	3 8	21 48	0 58	11 49	1 31	18 32	1 26	19 20	0 44	0 2	2 42	6 30	0 36	0 14	1 40	28 24	9 54	22 5	21 51	14 15	2 24	6 25
W20	20 38	11 13	3 59	22 21	1 7	12 14	1 30	18 22	1 25	19 20	0 45	0 2	2 42	6 29	0 36	0 13	1 40	28 24	9 54	22 5	21 51	14 17	2 23	6 24
T 21	20 49	6 24	4 39	22 52	1 15	12 40	1 29	18 11	1 24	19 20	0 45	0 2	2 42	6 29	0 36	0 13	1 40	28 23	9 53	22 5	21 52	14 19	2 23	6 23
F 22	21 0	1 6	5 3	23 21	1 22	13 4	1 27	18 1	1 23	19 20	0 45	0 3	2 42	6 28	0 35	0 12	1 40	28 23	9 53	22 6	21 52	14 22	2 22	6 22
S 23	21 11	4n25	5 8	23 46	1 29	13 29	1 26	17 50	1 22	19 20	0 46	0 3	2 42	6 28	0 35	0 12	1 40	28 22	9 53	22 7	21 53	14 24	2 21	6 21
S 24	21 22	9 48	4 53	24 9	1 36	13 53	1 24	17 40	1 21	19 21	0 46	0 3	2 41	6 27	0 35	0 11	1 40	28 22	9 53	22 7	21 53	14 26	2 21	6 20
M25	21 32	14 40	4 17	24 30	1 41	14 17	1 22	17 29	1 20	19 21	0 46	0 4	2 41	6 27	0 35	0 11	1 40	28 21	9 53	22 8	21 54	14 28	2 20	6 19
T 26	21 41	18 36	3 22	24 47	1 46	14 41	1 21	17 18	1 19	19 21	0 46	0 4	2 41	6 26	0 35	0 11	1 40	28 21	9 53	22 9	21 54	14 30	2 20	6 18
W27	21 51	21 14	2 14	25 2	1 50	15 4	1 19	17 7	1 19	19 22	0 47	0 4	2 41	6 26	0 35	0 10	1 40	28 20	9 52	22 10	21 55	14 32	2 19	6 18
T 28	22 0	22 21	0 58	25 14	1 54	15 27	1 17	16 56	1 18	19 22	0 47	0 4	2 40	6 25	0 35	0 10	1 40	28 20	9 52	22 10	21 55	14 34	2 19	6 17
F 29	22 8	21 55	0n20	25 23	1 56	15 50	1 15	16 45	1 17	19 23	0 47	0 4	2 40	6 25	0 35	0 9	1 41	28 19	9 52	22 10	21 56	14 36	2 18	6 16
S 30	22 16	20 7	1 35	25 30	1 58	16 12	1 13	16 34	1 16	19 23	0 47	0 4	2 40	6 24	0 35	0 9	1 41	28 19	9 52	22 10	21 56	14 38	2 18	6 15
S 31	22n24	17n14	2n42	25n34	2n 0	16n34	1s11	16n22	1n15	19s24	0s48	0n 4	2n40	6s24	0n35	0s 9	1s41	28n19	9n52	22n10	21n57	14s41	2s18	6s14

Julian Day Number = 1982697.5, Delta T = 58m21s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'35, Lahiri = 5°58'36 Julian Calendar 1 May 716 == Greg. Calendar 5 May 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

JUNE 716 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 51 12	13♊ 4'51	3♍51	29♊20	20♉38	19♌41	7°R 3	5°R55	17°R33	3♈30	6♌29	19♋36	20♋58	23♏59	21♍27	M 1
T 2	16 55 9	14° 2'01	16°35	1♋10	21°50	20°14	7♒ 1	5♎54	17♎32	3°31	6°30	19°R36	20°55	24° 5	21°28	T 2
W 3	16 59 5	14°59'10	29° 1	2°57	23° 3	20°48	6°59	5°54	17°31	3°32	6°31	19°35	20°52	24°12	21°30	W 3
T 4	17 3 2	15°56'19	11♎12	4°42	24°16	21°22	6°57	5°54	17°30	3°33	6°33	19°33	20°49	24°19	21°32	T 4
F 5	17 6 58	16°53'27	23°14	6°25	25°28	21°56	6°54	5°D54	17°29	3°34	6°34	19°29	20°46	24°25	21°34	F 5
S 6	17 10 55	17°50'35	5♏ 9	8° 6	26°41	22°30	6°52	5°54	17°28	3°35	6°35	19°24	20°43	24°32	21°36	S 6
S 7	17 14 52	18°47'42	17° 1	9°45	27°54	23° 4	6°49	5°54	17°27	3°36	6°37	19°19	20°39	24°39	21°38	S 7
M 8	17 18 48	19°44'50	28°52	11°21	29° 7	23°38	6°46	5°54	17°27	3°37	6°38	19°14	20°36	24°46	21°40	M 8
T 9	17 22 45	20°41'57	10♐45	12°55	0♊19	24°12	6°43	5°54	17°26	3°38	6°40	19° 9	20°33	24°52	21°43	T 9
W10	17 26 41	21°39'05	22°41	14°27	1°32	24°46	6°40	5°55	17°25	3°38	6°41	19° 6	20°30	24°59	21°45	W10
T 11	17 30 38	22°36'12	4♑43	15°56	2°45	25°21	6°36	5°55	17°25	3°39	6°43	19° 4	20°27	25° 6	21°48	T 11
F 12	17 34 34	23°33'20	16°53	17°24	3°58	25°55	6°33	5°56	17°24	3°40	6°44	19°D 3	20°23	25°12	21°51	F 12
S 13	17 38 31	24°30'27	29°11	18°49	5°11	26°30	6°29	5°57	17°24	3°41	6°45	19° 3	20°20	25°19	21°53	S 13
S 14	17 42 27	25°27'35	11♒42	20°11	6°24	27° 5	6°25	5°57	17°23	3°41	6°47	19° 4	20°17	25°26	21°56	S 14
M15	17 46 24	26°24'44	24°26	21°31	7°37	27°40	6°21	5°58	17°23	3°42	6°49	19° 6	20°14	25°32	21°59	M15
T 16	17 50 21	27°21'52	7♓27	22°49	8°50	28°15	6°16	5°59	17°23	3°42	6°50	19° 7	20°11	25°39	22° 2	T 16
W17	17 54 17	28°19'01	20°48	24° 5	10° 3	28°50	6°12	6° 0	17°22	3°43	6°52	19° 8	20° 8	25°46	22° 5	W17
T 18	17 58 14	29°16'11	4♈29	25°17	11°16	29°25	6° 7	6° 2	17°22	3°44	6°53	19°R 8	20° 4	25°53	22° 9	T 18
F 19	18 2 10	0♋13'21	18°31	26°28	12°29	0♍ 0	6° 2	6° 3	17°22	3°44	6°55	19° 7	20° 1	25°59	22°12	F 19
S 20	18 6 7	1°10'32	2♉55	27°35	13°42	0°35	5°57	6° 4	17°22	3°44	6°56	19° 6	19°58	26° 6	22°15	S 20
S 21	18 10 3	2° 7'44	17°36	28°40	14°55	1°11	5°52	6° 6	17°22	3°45	6°58	19° 4	19°55	26°13	22°19	S 21
M22	18 14 0	3° 4'56	2♊28	29°42	16° 8	1°46	5°47	6° 7	17°D21	3°45	7° 0	19° 2	19°52	26°19	22°23	M22
T 23	18 17 57	4° 2'09	17°26	0♌41	17°22	2°22	5°41	6° 9	17°21	3°46	7° 1	19° 0	19°49	26°26	22°26	T 23
W24	18 21 53	4°59'22	2♋20	1°37	18°35	2°58	5°36	6°11	17°22	3°46	7° 3	18°59	19°45	26°33	22°30	W24
T 25	18 25 50	5°56'36	17° 3	2°30	19°48	3°34	5°30	6°13	17°22	3°46	7° 5	18°D59	19°42	26°39	22°34	T 25
F 26	18 29 46	6°53'51	1♌27	3°20	21° 1	4° 9	5°24	6°14	17°22	3°47	7° 6	18°59	19°39	26°46	22°38	F 26
S 27	18 33 43	7°51'06	15°28	4° 6	22°15	4°45	5°18	6°17	17°22	3°47	7° 8	19° 0	19°36	26°53	22°42	S 27
S 28	18 37 39	8°48'21	29° 5	4°49	23°28	5°21	5°12	6°19	17°22	3°47	7°10	19° 1	19°33	27° 0	22°47	S 28
M29	18 41 36	9°45'36	12♍16	5°27	24°41	5°58	5° 6	6°21	17°23	3°47	7°12	19° 1	19°29	27° 6	22°51	M29
T 30	18 45 32	10♋42'52	25♍ 5	6♌ 2	25♊55	6♍34	4♒59	6♎23	17♎23	3♈47	7♌13	19♋ 2	19♋26	27♏13	22♍55	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n31	13n33	3n38	25n36	2n 0	16n55	1s 9	16n11	1n14	19s25	0s48	0n 4	2n39	6s24	0n35	0s 8	1s41	28n18	9n52	22n10	21n57	14s43	2s17	6s13
T 2	22 39	9 21	4 22	25 36	2 0	17 16	1 7	15 59	1 13	19 25	0 48	0 4	2 39	6 23	0 35	0 8	1 41	28 18	9 51	22 10	21 58	14 45	2 17	6 12
W 3	22 45	4 51	4 52	25 33	1 59	17 37	1 5	15 48	1 12	19 26	0 48	0 4	2 39	6 23	0 35	0 7	1 41	28 17	9 51	22 10	21 58	14 47	2 17	6 11
T 4	22 51	0 16	5 8	25 29	1 58	17 57	1 3	15 36	1 11	19 27	0 49	0 4	2 39	6 23	0 35	0 7	1 41	28 17	9 51	22 10	21 59	14 49	2 17	6 10
F 5	22 57	4s16	5 11	25 22	1 56	18 17	1 1	15 24	1 10	19 28	0 49	0 4	2 38	6 22	0 35	0 7	1 41	28 16	9 51	22 11	21 59	14 51	2 17	6 9
S 6	23 3	8 37	5 0	25 14	1 53	18 36	0 59	15 12	1 9	19 29	0 49	0 3	2 38	6 22	0 35	0 7	1 41	28 16	9 51	22 11	22 0	14 53	2 16	6 8
S 7	23 8	12 37	4 36	25 4	1 49	18 55	0 57	15 0	1 8	19 30	0 49	0 3	2 38	6 22	0 35	0 6	1 41	28 15	9 51	22 12	22 0	14 55	2 16	6 7
M 8	23 12	16 8	4 1	24 52	1 45	19 13	0 54	14 48	1 7	19 31	0 50	0 3	2 38	6 21	0 35	0 6	1 41	28 15	9 51	22 13	22 1	14 57	2 16	6 6
T 9	23 17	19 0	3 15	24 38	1 41	19 31	0 52	14 35	1 6	19 32	0 50	0 3	2 37	6 21	0 35	0 6	1 41	28 14	9 50	22 13	22 1	14 59	2 17	6 5
W10	23 20	21 5	2 20	24 24	1 35	19 48	0 50	14 23	1 5	19 33	0 50	0 2	2 37	6 21	0 35	0 5	1 41	28 14	9 50	22 14	22 2	15 1	2 17	6 4
T 11	23 24	22 13	1 18	24 8	1 30	20 5	0 47	14 10	1 4	19 34	0 50	0 2	2 37	6 21	0 35	0 5	1 41	28 13	9 50	22 14	22 2	15 3	2 17	6 3
F 12	23 27	22 20	0 12	23 50	1 23	20 21	0 45	13 58	1 4	19 35	0 51	0 1	2 36	6 21	0 35	0 5	1 41	28 13	9 50	22 14	22 3	15 6	2 17	6 2
S 13	23 29	21 22	0s56	23 32	1 16	20 37	0 43	13 45	1 3	19 36	0 51	0 1	2 36	6 20	0 35	0 5	1 41	28 12	9 50	22 14	22 3	15 8	2 17	6 1
S 14	23 32	19 20	2 1	23 13	1 9	20 52	0 40	13 32	1 2	19 37	0 51	0 0	2 36	6 20	0 35	0 4	1 41	28 12	9 50	22 14	22 4	15 10	2 17	6 0
M15	23 33	16 20	3 3	22 52	1 1	21 6	0 38	13 19	1 1	19 39	0 51	0s 0	2 36	6 20	0 35	0 4	1 42	28 11	9 50	22 14	22 4	15 12	2 18	5 59
T 16	23 35	12 28	3 56	22 31	0 53	21 20	0 36	13 6	1 0	19 40	0 52	0 1	2 35	6 20	0 35	0 4	1 42	28 10	9 50	22 14	22 5	15 14	2 18	5 58
W17	23 36	7 55	4 38	22 10	0 44	21 34	0 33	12 53	0 59	19 41	0 52	0 2	2 35	6 20	0 35	0 4	1 42	28 10	9 49	22 14	22 5	15 16	2 19	5 57
T 18	23 36	2 52	5 5	21 47	0 34	21 47	0 31	12 40	0 58	19 43	0 52	0 2	2 35	6 20	0 35	0 4	1 42	28 9	9 49	22 14	22 6	15 18	2 19	5 56
F 19	23 36	2n27	5 15	21 25	0 25	21 59	0 28	12 27	0 57	19 44	0 52	0 3	2 35	6 20	0 35	0 4	1 42	28 9	9 49	22 14	22 6	15 20	2 19	5 56
S 20	23 36	7 46	5 6	21 1	0 14	22 11	0 26	12 13	0 56	19 46	0 53	0 4	2 34	6 20	0 34	0 4	1 42	28 8	9 49	22 14	22 6	15 22	2 20	5 55
S 21	23 35	12 45	4 37	20 38	0 4	22 22	0 23	12 0	0 56	19 47	0 53	0 5	2 34	6 20	0 34	0 3	1 42	28 8	9 49	22 14	22 7	15 24	2 21	5 54
M22	23 34	17 3	3 50	20 14	0s 7	22 32	0 21	11 46	0 55	19 49	0 53	0 6	2 34	6 20	0 34	0 3	1 42	28 7	9 49	22 15	22 7	15 26	2 21	5 53
T 23	23 33	20 15	2 46	19 50	0 18	22 42	0 18	11 32	0 54	19 50	0 53	0 7	2 34	6 20	0 34	0 3	1 42	28 7	9 49	22 15	22 8	15 28	2 22	5 52
W24	23 31	22 4	1 31	19 27	0 30	22 51	0 16	11 19	0 53	19 52	0 54	0 8	2 33	6 20	0 34	0 3	1 42	28 6	9 49	22 15	22 8	15 30	2 23	5 51
T 25	23 28	22 20	0 11	19 3	0 42	22 59	0 13	11 5	0 52	19 54	0 54	0 8	2 33	6 20	0 34	0 3	1 42	28 6	9 49	22 15	22 9	15 32	2 23	5 50
F 26	23 25	21 5	1n 9	18 40	0 55	23 7	0 11	10 51	0 51	19 55	0 54	0 9	2 33	6 20	0 34	0 3	1 42	28 5	9 49	22 15	22 9	15 34	2 24	5 49
S 27	23 22	18 34	2 22	18 17	1 7	23 14	0 8	10 37	0 50	19 57	0 54	0 11	2 33	6 20	0 34	0 3	1 42	28 5	9 49	22 15	22 10	15 36	2 25	5 48
S 28	23 19	15 4	3 24	17 54	1 20	23 21	0 6	10 23	0 50	19 59	0 55	0 12	2 32	6 20	0 34	0 3	1 42	28 4	9 49	22 15	22 10	15 38	2 26	5 48
M29	23 15	10 55	4 14	17 32	1 33	23 27	0 3	10 9	0 49	20 1	0 55	0 13	2 32	6 21	0 34	0 3	1 42	28 4	9 49	22 15	22 11	15 40	2 27	5 47
T 30	23n10	6n24	4n50	17n10	1s46	23n32	0s 1	9n54	0n48	20s 2	0s55	0s14	2n32	6s21	0n34	0s 3	1s42	28n 3	9n48	22n15	22n11	15s42	2s28	5s46

Julian Day Number = 1982728.5, Delta T = 58m20s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'39, Lahiri = 5°58'40 Julian Calendar 1 June 716 == Greg. Calendar 5 June 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

JULY 716 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 49 29	11♋40'08	7♎33	6♌33	27♊ 8	7♍10	4°R53	6♎26	17♎23	3♈47	7♌15	19°R 2	19♋23	27♏20	23♍ 0	W 1
T 2	18 53 26	12°37'25	19°46	7° 0	28°21	7°47	4♒46	6°28	17°24	3°48	7°17	19♋ 2	19°20	27°26	23° 4	T 2
F 3	18 57 22	13°34'42	1♏47	7°23	29°35	8°23	4°39	6°31	17°25	3°48	7°19	19° 2	19°17	27°33	23° 9	F 3
S 4	19 1 19	14°32'00	13°41	7°40	0♋48	9° 0	4°32	6°33	17°25	3°R48	7°20	19° 1	19°14	27°40	23°14	S 4
S 5	19 5 15	15°29'18	25°32	7°53	2° 2	9°36	4°26	6°36	17°26	3°48	7°22	19° 1	19°10	27°46	23°18	S 5
M 6	19 9 12	16°26'37	7♐24	8° 2	3°15	10°13	4°18	6°39	17°26	3°48	7°24	19° 1	19° 7	27°53	23°23	M 6
T 7	19 13 8	17°23'57	19°21	8°R 5	4°29	10°50	4°11	6°42	17°27	3°47	7°26	19° 0	19° 4	28° 0	23°28	T 7
W 8	19 17 5	18°21'17	1♑24	8° 3	5°43	11°27	4° 4	6°45	17°28	3°47	7°28	19° 0	19° 1	28° 6	23°33	W 8
T 9	19 21 1	19°18'38	13°36	7°56	6°56	12° 4	3°57	6°48	17°29	3°47	7°30	19° 0	18°58	28°13	23°38	T 9
F 10	19 24 58	20°16'01	26° 0	7°44	8°10	12°41	3°50	6°51	17°30	3°47	7°31	19° 0	18°55	28°20	23°44	F 10
S 11	19 28 55	21°13'24	8♒36	7°26	9°23	13°18	3°42	6°55	17°31	3°47	7°33	19° 0	18°51	28°27	23°49	S 11
S 12	19 32 51	22°10'48	21°24	7° 4	10°37	13°55	3°35	6°58	17°32	3°47	7°35	19° 0	18°48	28°33	23°54	S 12
M13	19 36 48	23° 8'14	4♓27	6°37	11°51	14°32	3°27	7° 1	17°33	3°46	7°37	19° 0	18°45	28°40	24° 0	M13
T 14	19 40 44	24° 5'40	17°44	6° 5	13° 5	15°10	3°19	7° 5	17°34	3°46	7°39	18°59	18°42	28°47	24° 5	T 14
W15	19 44 41	25° 3'08	1♈15	5°28	14°18	15°47	3°12	7° 9	17°35	3°46	7°41	18°58	18°39	28°53	24°11	W15
T 16	19 48 37	26° 0'38	15° 1	4°48	15°32	16°25	3° 4	7°12	17°36	3°45	7°43	18°58	18°35	29° 0	24°16	T 16
F 17	19 52 34	26°58'09	29° 0	4° 5	16°46	17° 2	2°56	7°16	17°37	3°45	7°44	18°D58	18°32	29° 7	24°22	F 17
S 18	19 56 30	27°55'41	13♉12	3°18	18° 0	17°40	2°49	7°20	17°39	3°44	7°46	18°58	18°29	29°13	24°28	S 18
S 19	20 0 27	28°53'15	27°35	2°30	19°14	18°18	2°41	7°24	17°40	3°44	7°48	18°59	18°26	29°20	24°34	S 19
M20	20 4 24	29°50'50	12♊ 5	1°41	20°28	18°56	2°33	7°28	17°41	3°43	7°50	19° 0	18°23	29°27	24°40	M20
T 21	20 8 20	0♌48'28	26°37	0°52	21°42	19°34	2°25	7°32	17°43	3°43	7°52	19° 0	18°20	29°33	24°46	T 21
W22	20 12 17	1°46'06	11♋ 8	0° 4	22°56	20°12	2°17	7°36	17°44	3°42	7°54	19° 1	18°16	29°40	24°52	W22
T 23	20 16 13	2°43'46	25°31	29♋17	24°10	20°50	2° 9	7°41	17°46	3°42	7°56	19°R 1	18°13	29°47	24°58	T 23
F 24	20 20 10	3°41'27	9♌42	28°33	25°24	21°28	2° 1	7°45	17°48	3°41	7°58	19° 0	18°10	29°54	25° 4	F 24
S 25	20 24 6	4°39'10	23°35	27°52	26°38	22° 6	1°54	7°49	17°49	3°40	8° 0	18°59	18° 7	0♐ 0	25°11	S 25
S 26	20 28 3	5°36'54	7♍ 8	27°16	27°52	22°45	1°46	7°54	17°51	3°40	8° 2	18°57	18° 4	0° 7	25°17	S 26
M27	20 31 59	6°34'39	20°19	26°46	29° 6	23°23	1°38	7°58	17°53	3°39	8° 4	18°54	18° 1	0°14	25°23	M27
T 28	20 35 56	7°32'25	3♎ 8	26°21	0♌20	24° 2	1°30	8° 3	17°54	3°38	8° 6	18°52	17°57	0°20	25°30	T 28
W29	20 39 53	8°30'13	15°39	26° 3	1°35	24°40	1°22	8° 8	17°56	3°38	8° 8	18°50	17°54	0°27	25°36	W29
T 30	20 43 49	9°28'02	27°53	25°51	2°49	25°19	1°15	8°12	17°58	3°37	8° 9	18°49	17°51	0°34	25°43	T 30
F 31	20 47 46	10♌25'52	9♏55	25°D48	4♌ 3	25♍58	1♒ 7	8♎17	18♎ 0	3♈36	8♌11	18°D48	17♋48	0♐40	25♍50	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 5	1n44	5n11	16n50	2s 0	23n36	0n 2	9n40	0n47	20s 4	0s55	0s15	2n32	6s21	0n34	0s 3	1s43	28n 3	9n48	22n14	22n12	15s44	2s29	5s45
T 2	23 0	2s53	5 17	16 30	2 13	23 40	0 4	9 25	0 46	20 6	0 55	0 16	2 31	6 21	0 34	0 3	1 43	28 2	9 48	22 15	22 12	15 47	2 30	5 44
F 3	22 54	7 20	5 9	16 11	2 27	23 43	0 7	9 11	0 45	20 8	0 56	0 18	2 31	6 21	0 34	0 3	1 43	28 2	9 48	22 15	22 12	15 49	2 31	5 43
S 4	22 48	11 28	4 48	15 54	2 40	23 45	0 9	8 56	0 45	20 10	0 56	0 19	2 31	6 22	0 34	0 3	1 43	28 1	9 48	22 15	22 13	15 51	2 32	5 42
S 5	22 42	15 9	4 15	15 38	2 53	23 47	0 12	8 42	0 44	20 12	0 56	0 20	2 31	6 22	0 34	0 3	1 43	28 1	9 48	22 15	22 13	15 53	2 33	5 42
M 6	22 35	18 14	3 31	15 23	3 7	23 48	0 14	8 27	0 43	20 13	0 56	0 22	2 30	6 22	0 34	0 3	1 43	28 0	9 48	22 15	22 14	15 55	2 34	5 41
T 7	22 28	20 34	2 37	15 10	3 19	23 48	0 17	8 12	0 42	20 15	0 56	0 23	2 30	6 23	0 34	0 3	1 43	27 59	9 48	22 15	22 14	15 57	2 35	5 40
W 8	22 20	22 0	1 36	14 58	3 32	23 48	0 19	7 57	0 41	20 17	0 57	0 24	2 30	6 23	0 34	0 3	1 43	27 59	9 48	22 15	22 15	15 59	2 36	5 39
T 9	22 12	22 24	0 30	14 48	3 44	23 47	0 21	7 42	0 40	20 19	0 57	0 26	2 30	6 23	0 34	0 4	1 43	27 58	9 48	22 15	22 15	16 1	2 38	5 38
F 10	22 4	21 44	0s39	14 40	3 55	23 45	0 24	7 27	0 40	20 21	0 57	0 27	2 29	6 24	0 34	0 4	1 43	27 58	9 48	22 15	22 16	16 3	2 39	5 37
S 11	21 55	19 57	1 47	14 35	4 6	23 42	0 26	7 12	0 39	20 23	0 57	0 29	2 29	6 24	0 34	0 4	1 43	27 57	9 48	22 15	22 16	16 5	2 40	5 37
S 12	21 46	17 9	2 50	14 31	4 15	23 39	0 28	6 57	0 38	20 25	0 57	0 30	2 29	6 24	0 34	0 4	1 43	27 57	9 48	22 15	22 16	16 7	2 42	5 36
M13	21 36	13 27	3 46	14 29	4 24	23 35	0 31	6 42	0 37	20 27	0 57	0 32	2 29	6 25	0 34	0 4	1 43	27 56	9 48	22 15	22 17	16 9	2 43	5 35
T 14	21 26	9 2	4 31	14 30	4 32	23 30	0 33	6 27	0 36	20 29	0 58	0 34	2 28	6 25	0 34	0 4	1 43	27 56	9 48	22 15	22 17	16 11	2 45	5 34
W15	21 16	4 7	5 2	14 33	4 38	23 25	0 35	6 11	0 36	20 31	0 58	0 35	2 28	6 26	0 34	0 4	1 43	27 55	9 48	22 15	22 18	16 13	2 46	5 34
T 16	21 5	1n 6	5 16	14 38	4 42	23 18	0 37	5 56	0 35	20 33	0 58	0 37	2 28	6 26	0 34	0 5	1 43	27 55	9 48	22 15	22 18	16 15	2 48	5 33
F 17	20 54	6 20	5 12	14 45	4 45	23 12	0 39	5 40	0 34	20 35	0 58	0 39	2 28	6 27	0 33	0 5	1 44	27 54	9 48	22 15	22 19	16 17	2 49	5 32
S 18	20 43	11 19	4 49	14 54	4 47	23 4	0 41	5 25	0 33	20 37	0 58	0 40	2 28	6 27	0 33	0 5	1 44	27 54	9 48	22 15	22 19	16 19	2 51	5 31
S 19	20 31	15 44	4 8	15 5	4 46	22 56	0 43	5 9	0 32	20 39	0 58	0 42	2 27	6 28	0 33	0 5	1 44	27 53	9 48	22 15	22 20	16 21	2 53	5 30
M20	20 19	19 15	3 11	15 18	4 44	22 47	0 45	4 54	0 32	20 41	0 59	0 44	2 27	6 29	0 33	0 6	1 44	27 53	9 48	22 15	22 20	16 23	2 54	5 30
T 21	20 7	21 33	2 1	15 33	4 40	22 37	0 47	4 38	0 31	20 43	0 59	0 46	2 27	6 29	0 33	0 6	1 44	27 52	9 48	22 15	22 20	16 25	2 56	5 29
W22	19 54	22 25	0 44	15 49	4 34	22 27	0 49	4 22	0 30	20 44	0 59	0 48	2 27	6 30	0 33	0 6	1 44	27 52	9 48	22 15	22 21	16 27	2 58	5 28
T 23	19 41	21 46	0n36	16 6	4 26	22 16	0 51	4 6	0 29	20 46	0 59	0 50	2 26	6 30	0 33	0 6	1 44	27 51	9 48	22 15	22 21	16 29	3 0	5 28
F 24	19 28	19 44	1 52	16 24	4 17	22 5	0 53	3 50	0 28	20 48	0 59	0 51	2 26	6 31	0 33	0 7	1 44	27 51	9 48	22 15	22 22	16 31	3 1	5 27
S 25	19 14	16 34	3 0	16 43	4 6	21 52	0 55	3 35	0 28	20 50	0 59	0 53	2 26	6 32	0 33	0 7	1 44	27 50	9 48	22 15	22 22	16 33	3 3	5 26
S 26	19 0	12 35	3 55	17 2	3 53	21 40	0 57	3 19	0 27	20 52	0 59	0 55	2 26	6 32	0 33	0 7	1 44	27 50	9 49	22 15	22 23	16 34	3 5	5 25
M27	18 45	8 6	4 37	17 22	3 39	21 26	0 59	3 3	0 26	20 54	0 59	0 57	2 26	6 33	0 33	0 8	1 44	27 50	9 49	22 16	22 23	16 36	3 7	5 25
T 28	18 31	3 23	5 4	17 41	3 24	21 12	1 0	2 47	0 25	20 56	1 0	0 59	2 25	6 34	0 33	0 8	1 44	27 49	9 49	22 16	22 23	16 38	3 9	5 24
W29	18 16	1s22	5 15	18 0	3 8	20 57	1 2	2 30	0 25	20 58	1 0	1 1	2 25	6 35	0 33	0 8	1 44	27 49	9 49	22 16	22 24	16 40	3 11	5 23
T 30	18 0	5 57	5 11	18 19	2 52	20 42	1 3	2 14	0 24	20 59	1 0	1 3	2 25	6 35	0 33	0 9	1 44	27 48	9 49	22 16	22 24	16 42	3 13	5 23
F 31	17n45	10s14	4n54	18n36	2s34	20n26	1n 5	1n58	0n23	21s 1	1s 0	1s 6	2n25	6s36	0n33	0s 9	1s44	27n48	9n49	22n17	22n25	16s44	3s15	5s22

Julian Day Number = 1982758.5, Delta T = 58m19s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'44, Lahiri = 5°58'44 Julian Calendar 1 July 716 == Greg. Calendar 5 July 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

AUGUST 716 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 51 42	11♌23'43	21♏49	25♋52	5♌17	26♍36	0°R59	8♎22	18♎ 2	3°R35	8♌13	18♋48	17♋45	0♐47	25♍56	S 1
S 2	20 55 39	12°21'36	3♐40	26° 3	6°32	27°15	0♒52	8°27	18° 4	3♈34	8°15	18°50	17°41	0°54	26° 3	S 2
M 3	20 59 35	13°19'30	15°33	26°23	7°46	27°54	0°44	8°32	18° 6	3°33	8°17	18°51	17°38	1° 0	26°10	M 3
T 4	21 3 32	14°17'26	27°32	26°51	9° 0	28°33	0°37	8°37	18° 8	3°32	8°19	18°53	17°35	1° 7	26°17	T 4
W 5	21 7 28	15°15'23	9♑42	27°26	10°15	29°12	0°30	8°42	18°10	3°31	8°21	18°54	17°32	1°14	26°24	W 5
T 6	21 11 25	16°13'21	22° 4	28°10	11°29	29°51	0°22	8°48	18°13	3°30	8°23	18°R54	17°29	1°20	26°31	T 6
F 7	21 15 22	17°11'21	4♒43	29° 1	12°43	0♎31	0°15	8°53	18°15	3°29	8°25	18°53	17°26	1°27	26°38	F 7
S 8	21 19 18	18° 9'23	17°38	29°59	13°58	1°10	0° 8	8°58	18°17	3°28	8°27	18°51	17°22	1°34	26°45	S 8
S 9	21 23 15	19° 7'26	0♓50	1♌ 4	15°12	1°49	0° 1	9° 4	18°19	3°27	8°29	18°47	17°19	1°41	26°52	S 9
M10	21 27 11	20° 5'31	14°17	2°16	16°27	2°29	29♑54	9° 9	18°22	3°26	8°31	18°43	17°16	1°47	26°59	M10
T 11	21 31 8	21° 3'38	27°58	3°33	17°41	3° 8	29°47	9°15	18°24	3°25	8°32	18°38	17°13	1°54	27° 6	T 11
W12	21 35 4	22° 1'47	11♈50	4°57	18°56	3°48	29°40	9°20	18°27	3°24	8°34	18°33	17°10	2° 1	27°13	W12
T 13	21 39 1	22°59'58	25°51	6°25	20°10	4°28	29°34	9°26	18°29	3°23	8°36	18°29	17° 7	2° 7	27°21	T 13
F 14	21 42 57	23°58'11	9♉57	7°58	21°25	5° 7	29°27	9°32	18°32	3°22	8°38	18°27	17° 3	2°14	27°28	F 14
S 15	21 46 54	24°56'26	24° 7	9°35	22°39	5°47	29°21	9°37	18°34	3°20	8°40	18°D26	17° 0	2°21	27°36	S 15
S 16	21 50 51	25°54'43	8♊18	11°16	23°54	6°27	29°15	9°43	18°37	3°19	8°42	18°27	16°57	2°27	27°43	S 16
M17	21 54 47	26°53'03	22°28	13° 0	25° 8	7° 7	29° 9	9°49	18°39	3°18	8°44	18°28	16°54	2°34	27°51	M17
T 18	21 58 44	27°51'25	6♋37	14°46	26°23	7°47	29° 3	9°55	18°42	3°17	8°46	18°29	16°51	2°41	27°58	T 18
W19	22 2 40	28°49'49	20°41	16°35	27°38	8°27	28°57	10° 1	18°45	3°15	8°47	18°R30	16°47	2°47	28° 6	W19
T 20	22 6 37	29°48'15	4♌38	18°25	28°52	9° 7	28°51	10° 7	18°48	3°14	8°49	18°29	16°44	2°54	28°13	T 20
F 21	22 10 33	0♍46'43	18°25	20°16	0♍ 7	9°48	28°45	10°13	18°50	3°13	8°51	18°25	16°41	3° 1	28°21	F 21
S 22	22 14 30	1°45'13	2♍ 0	22° 8	1°22	10°28	28°40	10°19	18°53	3°11	8°53	18°20	16°38	3° 7	28°29	S 22
S 23	22 18 26	2°43'45	15°20	24° 1	2°36	11° 8	28°35	10°25	18°56	3°10	8°55	18°13	16°35	3°14	28°36	S 23
M24	22 22 23	3°42'18	28°22	25°54	3°51	11°49	28°30	10°32	18°59	3° 8	8°56	18° 5	16°32	3°21	28°44	M24
T 25	22 26 19	4°40'54	11♎ 7	27°47	5° 6	12°30	28°25	10°38	19° 2	3° 7	8°58	17°57	16°28	3°27	28°52	T 25
W26	22 30 16	5°39'31	23°35	29°40	6°21	13°10	28°20	10°44	19° 5	3° 6	9° 0	17°50	16°25	3°34	29° 0	W26
T 27	22 34 13	6°38'11	5♏48	1♍33	7°36	13°51	28°15	10°51	19° 8	3° 4	9° 2	17°44	16°22	3°41	29° 7	T 27
F 28	22 38 9	7°36'52	17°49	3°25	8°50	14°32	28°11	10°57	19°11	3° 3	9° 3	17°39	16°19	3°47	29°15	F 28
S 29	22 42 6	8°35'35	29°42	5°17	10° 5	15°12	28° 6	11° 3	19°14	3° 1	9° 5	17°37	16°16	3°54	29°23	S 29
S 30	22 46 2	9°34'19	11♐32	7° 8	11°20	15°53	28° 2	11°10	19°17	3° 0	9° 7	17°D37	16°12	4° 1	29°31	S 30
M31	22 49 59	10♍33'06	23♐24	8♍58	12♍35	16♎34	27♑58	11♎16	19♎20	2♈58	9♌ 9	17♋37	16♋ 9	4♐ 8	29♍39	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n29	14s 5	4n25	18n53	2s17	20n 9	1n 7	1n42	0n22	21s 3	1s 0	1s 8	2n25	6s37	0n33	0s10	1s44	27n47	9n49	22n16	22n25	16s46	3s17	5s21
S 2	17 13	17 22	3 44	19 8	1 59	19 52	1 8	1 26	0 22	21 5	1 0	1 10	2 24	6 38	0 33	0 10	1 44	27 47	9 49	22 16	22 26	16 48	3 19	5 21
M 3	16 56	19 57	2 53	19 22	1 41	19 34	1 9	1 9	0 21	21 6	1 0	1 12	2 24	6 38	0 33	0 10	1 44	27 46	9 49	22 16	22 26	16 50	3 21	5 20
T 4	16 39	21 40	1 55	19 34	1 24	19 16	1 11	0 53	0 20	21 8	1 0	1 14	2 24	6 39	0 33	0 11	1 45	27 46	9 49	22 16	22 26	16 52	3 23	5 19
W 5	16 22	22 25	0 50	19 44	1 6	18 57	1 12	0 37	0 19	21 10	1 0	1 16	2 24	6 40	0 33	0 11	1 45	27 45	9 49	22 16	22 27	16 54	3 26	5 19
T 6	16 5	22 4	0s17	19 52	0 50	18 38	1 13	0 20	0 18	21 11	1 0	1 19	2 24	6 41	0 33	0 12	1 45	27 45	9 49	22 16	22 27	16 56	3 28	5 18
F 7	15 47	20 36	1 26	19 57	0 33	18 18	1 14	0 4	0 18	21 13	1 0	1 21	2 24	6 42	0 33	0 12	1 45	27 45	9 50	22 16	22 28	16 58	3 30	5 18
S 8	15 30	18 3	2 31	20 1	0 17	17 57	1 15	0s12	0 17	21 15	1 0	1 23	2 23	6 43	0 33	0 13	1 45	27 44	9 50	22 16	22 28	17 0	3 32	5 17
S 9	15 11	14 31	3 29	20 1	0 3	17 36	1 16	0 29	0 16	21 16	1 0	1 25	2 23	6 44	0 33	0 13	1 45	27 44	9 50	22 17	22 28	17 2	3 35	5 16
M10	14 53	10 11	4 17	19 59	0n12	17 15	1 17	0 45	0 15	21 18	1 0	1 28	2 23	6 45	0 33	0 14	1 45	27 43	9 50	22 17	22 29	17 4	3 37	5 16
T 11	14 35	5 16	4 52	19 54	0 25	16 53	1 18	1 2	0 15	21 19	1 1	1 30	2 23	6 46	0 33	0 14	1 45	27 43	9 50	22 18	22 29	17 6	3 39	5 15
W12	14 16	0 2	5 9	19 46	0 37	16 30	1 19	1 18	0 14	21 21	1 1	1 32	2 23	6 47	0 33	0 15	1 45	27 43	9 50	22 19	22 30	17 8	3 42	5 15
T 13	13 57	5n15	5 9	19 35	0 49	16 8	1 20	1 35	0 13	21 22	1 1	1 35	2 23	6 48	0 33	0 15	1 45	27 42	9 50	22 19	22 30	17 10	3 44	5 14
F 14	13 37	10 19	4 50	19 21	0 59	15 44	1 21	1 51	0 13	21 24	1 1	1 37	2 22	6 49	0 33	0 16	1 45	27 42	9 50	22 19	22 30	17 11	3 46	5 13
S 15	13 18	14 50	4 13	19 4	1 8	15 20	1 21	2 8	0 12	21 25	1 1	1 40	2 22	6 50	0 33	0 16	1 45	27 41	9 51	22 20	22 31	17 13	3 49	5 13
S 16	12 58	18 32	3 21	18 45	1 17	14 56	1 22	2 25	0 11	21 26	1 1	1 42	2 22	6 51	0 32	0 17	1 45	27 41	9 51	22 19	22 31	17 15	3 51	5 12
M17	12 38	21 7	2 17	18 22	1 24	14 32	1 23	2 41	0 10	21 28	1 1	1 45	2 22	6 52	0 32	0 17	1 45	27 41	9 51	22 19	22 32	17 17	3 54	5 12
T 18	12 18	22 22	1 4	17 57	1 30	14 7	1 23	2 58	0 10	21 29	1 1	1 47	2 22	6 53	0 32	0 18	1 45	27 40	9 51	22 19	22 32	17 19	3 56	5 11
W19	11 58	22 12	0n12	17 30	1 36	13 41	1 23	3 14	0 9	21 30	1 1	1 50	2 22	6 54	0 32	0 18	1 45	27 40	9 51	22 19	22 32	17 21	3 59	5 11
T 20	11 37	20 38	1 26	17 0	1 40	13 15	1 24	3 31	0 8	21 31	1 1	1 52	2 21	6 55	0 32	0 19	1 45	27 40	9 51	22 19	22 33	17 23	4 1	5 10
F 21	11 16	17 52	2 35	16 28	1 44	12 49	1 24	3 48	0 7	21 32	1 1	1 55	2 21	6 56	0 32	0 19	1 45	27 39	9 52	22 20	22 33	17 25	4 4	5 10
S 22	10 55	14 9	3 33	15 54	1 46	12 23	1 24	4 4	0 7	21 34	1 1	1 57	2 21	6 57	0 32	0 20	1 45	27 39	9 52	22 20	22 34	17 27	4 7	5 9
S 23	10 34	9 48	4 19	15 18	1 48	11 56	1 25	4 21	0 6	21 35	1 1	2 0	2 21	6 58	0 32	0 21	1 45	27 39	9 52	22 21	22 34	17 29	4 9	5 9
M24	10 13	5 5	4 50	14 41	1 49	11 29	1 25	4 37	0 5	21 36	1 1	2 2	2 21	6 59	0 32	0 21	1 45	27 38	9 52	22 22	22 34	17 30	4 12	5 8
T 25	9 52	0 15	5 5	14 2	1 49	11 1	1 25	4 54	0 5	21 37	1 1	2 5	2 21	7 0	0 32	0 22	1 45	27 38	9 52	22 23	22 35	17 32	4 15	5 8
W26	9 30	4s29	5 6	13 22	1 49	10 33	1 25	5 11	0 4	21 38	1 1	2 7	2 21	7 1	0 32	0 22	1 45	27 38	9 53	22 24	22 35	17 34	4 17	5 7
T 27	9 8	8 57	4 53	12 41	1 48	10 5	1 25	5 27	0 3	21 39	1 1	2 10	2 21	7 3	0 32	0 23	1 45	27 37	9 53	22 25	22 36	17 36	4 20	5 7
F 28	8 46	13 0	4 26	11 58	1 46	9 37	1 24	5 44	0 2	21 39	1 1	2 13	2 20	7 4	0 32	0 24	1 46	27 37	9 53	22 26	22 36	17 38	4 23	5 6
S 29	8 24	16 30	3 49	11 15	1 44	9 8	1 24	6 0	0 2	21 40	1 1	2 15	2 20	7 5	0 32	0 24	1 46	27 37	9 53	22 26	22 36	17 40	4 25	5 6
S 30	8 2	19 19	3 2	10 31	1 41	8 39	1 24	6 17	0 1	21 41	1 1	2 18	2 20	7 6	0 32	0 25	1 46	27 37	9 53	22 26	22 37	17 42	4 28	5 5
M31	7n40	21s20	2n 7	9n47	1n38	8n10	1n24	6s33	0n 0	21s42	1s 1	2s21	2n20	7s 7	0n32	0s25	1s46	27n36	9n54	22n26	22n37	17s44	4s31	5s 5

Julian Day Number = 1982789.5, Delta T = 58m19s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'48, Lahiri = 5°58'48 Julian Calendar 1 Aug. 716 == Greg. Calendar 5 Aug. 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

SEPTEMBER 716 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 53 55	11♍31'54	5♉24	10♍48	13♍50	17♎15	27°R55	11♎23	19♎23	2°R57	9♌10	17♋39	16♋ 6	4♐14	29♍47	T 1
W 2	22 57 52	12°30'44	17°36	12°36	15° 5	17°57	27♉51	11°29	19°26	2♈55	9°12	17°R39	16° 3	4°21	29°55	W 2
T 3	23 1 48	13°29'36	0♒ 5	14°24	16°19	18°38	27°48	11°36	19°29	2°54	9°14	17°38	16° 0	4°28	0♎ 3	T 3
F 4	23 5 45	14°28'30	12°53	16°11	17°34	19°19	27°45	11°43	19°33	2°52	9°15	17°35	15°57	4°34	0°11	F 4
S 5	23 9 42	15°27'25	26° 4	17°57	18°49	20° 0	27°42	11°49	19°36	2°50	9°17	17°30	15°53	4°41	0°19	S 5
S 6	23 13 38	16°26'23	9♓37	19°42	20° 4	20°42	27°39	11°56	19°39	2°49	9°19	17°23	15°50	4°48	0°27	S 6
M 7	23 17 35	17°25'23	23°30	21°26	21°19	21°23	27°36	12° 3	19°42	2°47	9°20	17°13	15°47	4°54	0°35	M 7
T 8	23 21 31	18°24'24	7♈39	23°10	22°34	22° 5	27°34	12°10	19°46	2°46	9°22	17° 3	15°44	5° 1	0°44	T 8
W 9	23 25 28	19°23'28	21°59	24°52	23°49	22°46	27°31	12°16	19°49	2°44	9°23	16°54	15°41	5° 8	0°52	W 9
T 10	23 29 24	20°22'34	6♉24	26°34	25° 4	23°28	27°29	12°23	19°53	2°42	9°25	16°46	15°38	5°14	1° 0	T 10
F 11	23 33 21	21°21'43	20°48	28°15	26°19	24°10	27°27	12°30	19°56	2°41	9°26	16°40	15°34	5°21	1° 8	F 11
S 12	23 37 17	22°20'54	5♊ 7	29°55	27°34	24°52	27°26	12°37	19°59	2°39	9°28	16°36	15°31	5°28	1°16	S 12
S 13	23 41 14	23°20'07	19°18	1♎34	28°49	25°33	27°24	12°44	20° 3	2°37	9°29	16°D35	15°28	5°34	1°24	S 13
M14	23 45 11	24°19'23	3♋20	3°12	0♎ 4	26°15	27°23	12°51	20° 6	2°36	9°31	16°35	15°25	5°41	1°33	M14
T 15	23 49 7	25°18'42	17°12	4°50	1°19	26°57	27°22	12°58	20°10	2°34	9°32	16°R36	15°22	5°48	1°41	T 15
W16	23 53 4	26°18'02	0♌54	6°27	2°34	27°40	27°21	13° 5	20°13	2°32	9°34	16°35	15°18	5°54	1°49	W16
T 17	23 57 0	27°17'25	14°26	8° 3	3°49	28°22	27°20	13°12	20°17	2°31	9°35	16°32	15°15	6° 1	1°57	T 17
F 18	0 0 57	28°16'51	27°49	9°38	5° 4	29° 4	27°20	13°19	20°20	2°29	9°37	16°26	15°12	6° 8	2° 6	F 18
S 19	0 4 53	29°16'18	11♍ 1	11°13	6°19	29°46	27°20	13°26	20°24	2°27	9°38	16°18	15° 9	6°14	2°14	S 19
S 20	0 8 50	0♎15'48	24° 1	12°46	7°34	0♏29	27°D20	13°33	20°27	2°26	9°39	16° 6	15° 6	6°21	2°22	S 20
M21	0 12 46	1°15'19	6♎48	14°20	8°49	1°11	27°20	13°40	20°31	2°24	9°41	15°54	15° 3	6°28	2°30	M21
T 22	0 16 43	2°14'53	19°22	15°52	10° 4	1°54	27°20	13°47	20°35	2°22	9°42	15°40	14°59	6°34	2°39	T 22
W23	0 20 39	3°14'29	1♏42	17°24	11°19	2°36	27°21	13°54	20°38	2°21	9°43	15°27	14°56	6°41	2°47	W23
T 24	0 24 36	4°14'07	13°50	18°55	12°34	3°19	27°21	14° 1	20°42	2°19	9°44	15°16	14°53	6°48	2°55	T 24
F 25	0 28 33	5°13'47	25°48	20°26	13°49	4° 1	27°22	14° 9	20°46	2°17	9°46	15° 8	14°50	6°54	3° 4	F 25
S 26	0 32 29	6°13'28	7♐39	21°56	15° 4	4°44	27°23	14°16	20°49	2°16	9°47	15° 2	14°47	7° 1	3°12	S 26
S 27	0 36 26	7°13'12	19°27	23°25	16°19	5°27	27°25	14°23	20°53	2°14	9°48	14°59	14°44	7° 8	3°20	S 27
M28	0 40 22	8°12'57	1♑17	24°53	17°34	6°10	27°26	14°30	20°57	2°12	9°49	14°58	14°40	7°14	3°28	M28
T 29	0 44 19	9°12'44	13°14	26°21	18°49	6°53	27°28	14°37	21° 0	2°11	9°50	14°58	14°37	7°21	3°37	T 29
W30	0 48 15	10♎12'33	25♑24	27♎49	20♎ 4	7♏36	27♑30	14♎44	21♎ 4	2♈ 9	9♌52	14♋58	14♋34	7♐28	3♎45	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n17	22s24	1n 5	9n 2	1n35	7n41	1n23	6s50	0s 0	21s43	1s 1	2s23	2n20	7s 9	0n32	0s26	1s46	27n36	9n54	22n26	22n38	17s45	4s34	5s 5
W 2	6 55	22 26	0 0	8 16	1 31	7 11	1 23	7 6	0 1	21 43	1 0	2 26	2 20	7 10	0 32	0 27	1 46	27 36	9 54	22 26	22 38	17 47	4 37	5 4
T 3	6 32	21 21	1s 6	7 30	1 26	6 42	1 22	7 23	0 2	21 44	1 0	2 29	2 20	7 11	0 32	0 27	1 46	27 35	9 54	22 26	22 38	17 49	4 39	5 4
F 4	6 9	19 9	2 11	6 44	1 22	6 12	1 21	7 39	0 3	21 45	1 0	2 31	2 20	7 12	0 32	0 28	1 46	27 35	9 54	22 26	22 39	17 51	4 42	5 3
S 5	5 46	15 54	3 10	5 58	1 17	5 41	1 21	7 55	0 3	21 45	1 0	2 34	2 20	7 14	0 32	0 29	1 46	27 35	9 55	22 27	22 39	17 53	4 45	5 3
S 6	5 23	11 44	4 1	5 12	1 11	5 11	1 20	8 12	0 4	21 46	1 0	2 37	2 19	7 15	0 32	0 29	1 46	27 35	9 55	22 28	22 39	17 55	4 48	5 2
M 7	5 0	6 51	4 38	4 26	1 6	4 41	1 19	8 28	0 5	21 46	1 0	2 39	2 19	7 16	0 32	0 30	1 46	27 35	9 55	22 29	22 40	17 57	4 51	5 2
T 8	4 37	1 32	5 0	3 39	1 0	4 10	1 18	8 44	0 5	21 47	1 0	2 42	2 19	7 17	0 32	0 31	1 46	27 34	9 55	22 30	22 40	17 58	4 54	5 2
W 9	4 14	3n57	5 2	2 53	0 54	3 39	1 18	9 1	0 6	21 47	1 0	2 45	2 19	7 19	0 32	0 31	1 46	27 34	9 56	22 32	22 41	18 0	4 57	5 1
T 10	3 50	9 14	4 46	2 7	0 48	3 9	1 17	9 17	0 7	21 47	1 0	2 48	2 19	7 20	0 32	0 32	1 46	27 34	9 56	22 33	22 41	18 2	5 0	5 1
F 11	3 27	14 2	4 12	1 21	0 42	2 38	1 15	9 33	0 7	21 48	1 0	2 50	2 19	7 21	0 32	0 33	1 46	27 34	9 56	22 33	22 41	18 4	5 3	5 1
S 12	3 3	17 59	3 22	0 35	0 36	2 7	1 14	9 49	0 8	21 48	1 0	2 53	2 19	7 23	0 32	0 33	1 46	27 34	9 56	22 34	22 42	18 6	5 6	5 0
S 13	2 40	20 51	2 20	0s11	0 29	1 36	1 13	10 5	0 9	21 48	1 0	2 56	2 19	7 24	0 32	0 34	1 46	27 33	9 57	22 34	22 42	18 8	5 9	5 0
M14	2 16	22 24	1 10	0 56	0 23	1 5	1 12	10 21	0 9	21 48	1 0	2 59	2 19	7 25	0 32	0 35	1 46	27 33	9 57	22 34	22 42	18 10	5 12	5 0
T 15	1 53	22 33	0n 3	1 41	0 16	0 33	1 11	10 37	0 10	21 48	1 0	3 2	2 19	7 27	0 32	0 35	1 46	27 33	9 57	22 34	22 43	18 11	5 14	4 59
W16	1 29	21 19	1 15	2 26	0 9	0 2	1 9	10 53	0 11	21 49	1 0	3 4	2 19	7 28	0 32	0 36	1 46	27 33	9 58	22 34	22 43	18 13	5 17	4 59
T 17	1 5	18 53	2 22	3 11	0 2	0s29	1 8	11 9	0 11	21 49	1 0	3 7	2 19	7 29	0 32	0 37	1 46	27 33	9 58	22 34	22 44	18 15	5 21	4 59
F 18	0 41	15 26	3 20	3 55	0s 5	1 0	1 7	11 24	0 12	21 49	1 0	3 10	2 19	7 31	0 32	0 37	1 46	27 33	9 58	22 35	22 44	18 17	5 24	4 58
S 19	0 18	11 17	4 6	4 38	0 12	1 32	1 5	11 40	0 13	21 49	0 59	3 13	2 19	7 32	0 32	0 38	1 46	27 33	9 58	22 36	22 44	18 19	5 27	4 58
S 20	0s 6	6 39	4 39	5 22	0 18	2 3	1 4	11 56	0 13	21 49	0 59	3 16	2 18	7 33	0 32	0 39	1 46	27 33	9 59	22 38	22 45	18 20	5 30	4 58
M21	0 30	1 49	4 57	6 5	0 25	2 34	1 2	12 11	0 14	21 48	0 59	3 18	2 18	7 35	0 32	0 39	1 46	27 32	9 59	22 39	22 45	18 22	5 33	4 57
T 22	0 54	3s 0	5 0	6 47	0 32	3 5	1 0	12 27	0 15	21 48	0 59	3 21	2 18	7 36	0 32	0 40	1 46	27 32	9 59	22 41	22 45	18 24	5 36	4 57
W23	1 18	7 38	4 49	7 29	0 39	3 36	0 59	12 42	0 15	21 48	0 59	3 24	2 18	7 37	0 32	0 41	1 46	27 32	10 0	22 42	22 46	18 26	5 39	4 57
T 24	1 42	11 53	4 25	8 10	0 46	4 7	0 57	12 57	0 16	21 48	0 59	3 27	2 18	7 39	0 32	0 41	1 46	27 32	10 0	22 43	22 46	18 28	5 42	4 57
F 25	2 5	15 38	3 49	8 51	0 53	4 38	0 55	13 12	0 17	21 48	0 59	3 30	2 18	7 40	0 32	0 42	1 46	27 32	10 0	22 44	22 46	18 29	5 45	4 56
S 26	2 29	18 43	3 4	9 31	1 0	5 9	0 53	13 28	0 17	21 47	0 59	3 32	2 18	7 42	0 32	0 43	1 46	27 32	10 1	22 45	22 47	18 31	5 48	4 56
S 27	2 53	21 1	2 11	10 11	1 7	5 40	0 52	13 43	0 18	21 47	0 59	3 35	2 18	7 43	0 32	0 43	1 46	27 32	10 1	22 45	22 47	18 33	5 51	4 56
M28	3 17	22 24	1 12	10 50	1 13	6 11	0 50	13 58	0 19	21 47	0 59	3 38	2 18	7 44	0 32	0 44	1 46	27 32	10 1	22 45	22 47	18 35	5 54	4 56
T 29	3 41	22 47	0 9	11 29	1 20	6 41	0 48	14 12	0 19	21 46	0 59	3 41	2 18	7 46	0 32	0 45	1 46	27 32	10 1	22 45	22 48	18 37	5 57	4 55
W30	4s 4	22s 6	0s55	12s 6	1s26	7s12	0n46	14s27	0s20	21s46	0s59	3s44	2n18	7s47	0n32	0s45	1s46	27n32	10n 2	22n45	22n48	18s38	6s 0	4s55

Julian Day Number = 1982820.5, Delta T = 58m18s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'52, Lahiri = 5°58'53 Julian Calendar 1 Sept. 716 == Greg. Calendar 5 Sept. 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

OCTOBER 716 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 52 12	11♎12'24	7♒52	29♎15	21♎19	8♏19	27♑32	14♎52	21♎ 8	2°R 7	9♌53	14°R56	14♋31	7♐35	3♎53	T 1
F 2	0 56 8	12°12'16	20°43	0♏41	22°34	9° 2	27°34	14°59	21°11	2♈ 6	9°54	14♋53	14°28	7°41	4° 1	F 2
S 3	1 0 5	13°12'10	4♓ 0	2° 6	23°49	9°45	27°37	15° 6	21°15	2° 4	9°55	14°46	14°24	7°48	4° 9	S 3
S 4	1 4 2	14°12'06	17°45	3°30	25° 4	10°29	27°40	15°13	21°19	2° 2	9°56	14°37	14°21	7°55	4°18	S 4
M 5	1 7 58	15°12'03	1♈55	4°53	26°19	11°12	27°42	15°20	21°23	2° 1	9°57	14°26	14°18	8° 1	4°26	M 5
T 6	1 11 55	16°12'03	16°27	6°16	27°34	11°55	27°46	15°28	21°26	1°59	9°58	14°14	14°15	8° 8	4°34	T 6
W 7	1 15 51	17°12'04	1♉13	7°38	28°50	12°39	27°49	15°35	21°30	1°58	9°59	14° 2	14°12	8°15	4°42	W 7
T 8	1 19 48	18°12'08	16° 4	8°58	0♏ 5	13°22	27°52	15°42	21°34	1°56	10° 0	13°52	14° 9	8°21	4°50	T 8
F 9	1 23 44	19°12'13	0♊53	10°18	1°20	14° 6	27°56	15°49	21°38	1°54	10° 1	13°45	14° 5	8°28	4°58	F 9
S 10	1 27 41	20°12'21	15°32	11°36	2°35	14°50	28° 0	15°56	21°41	1°53	10° 1	13°40	14° 2	8°35	5° 7	S 10
S 11	1 31 37	21°12'31	29°56	12°53	3°50	15°33	28° 4	16° 4	21°45	1°51	10° 2	13°38	13°59	8°41	5°15	S 11
M12	1 35 34	22°12'43	14♋ 2	14° 9	5° 5	16°17	28° 8	16°11	21°49	1°50	10° 3	13°38	13°56	8°48	5°23	M12
T 13	1 39 31	23°12'58	27°51	15°23	6°20	17° 1	28°12	16°18	21°53	1°48	10° 4	13°38	13°53	8°55	5°31	T 13
W14	1 43 27	24°13'14	11♌23	16°35	7°35	17°45	28°17	16°25	21°56	1°47	10° 5	13°37	13°49	9° 1	5°39	W14
T 15	1 47 24	25°13'33	24°40	17°46	8°50	18°29	28°22	16°32	22° 0	1°45	10° 5	13°34	13°46	9° 8	5°47	T 15
F 16	1 51 20	26°13'53	7♍43	18°54	10° 5	19°13	28°27	16°39	22° 4	1°44	10° 6	13°28	13°43	9°15	5°55	F 16
S 17	1 55 17	27°14'15	20°34	20° 0	11°20	19°57	28°32	16°47	22° 8	1°42	10° 7	13°19	13°40	9°21	6° 3	S 17
S 18	1 59 13	28°14'40	3♎14	21° 3	12°35	20°41	28°37	16°54	22°11	1°41	10° 7	13° 8	13°37	9°28	6°11	S 18
M19	2 3 10	29°15'06	15°44	22° 4	13°50	21°26	28°43	17° 1	22°15	1°39	10° 8	12°55	13°34	9°35	6°19	M19
T 20	2 7 6	0♏15'34	28° 3	23° 0	15° 5	22°10	28°48	17° 8	22°19	1°38	10° 9	12°41	13°30	9°41	6°26	T 20
W21	2 11 3	1°16'04	10♏12	23°54	16°20	22°54	28°54	17°15	22°23	1°36	10° 9	12°28	13°27	9°48	6°34	W21
T 22	2 15 0	2°16'35	22°13	24°42	17°35	23°39	29° 0	17°22	22°26	1°35	10°10	12°16	13°24	9°55	6°42	T 22
F 23	2 18 56	3°17'08	4♐ 7	25°26	18°50	24°23	29° 6	17°29	22°30	1°34	10°10	12° 7	13°21	10° 1	6°50	F 23
S 24	2 22 53	4°17'42	15°55	26° 5	20° 5	25° 8	29°13	17°36	22°34	1°32	10°11	12° 1	13°18	10° 8	6°58	S 24
S 25	2 26 49	5°18'18	27°41	26°37	21°21	25°52	29°19	17°43	22°37	1°31	10°11	11°58	13°15	10°15	7° 5	S 25
M26	2 30 46	6°18'55	9♑30	27° 3	22°36	26°37	29°26	17°50	22°41	1°30	10°11	11°D57	13°11	10°21	7°13	M26
T 27	2 34 42	7°19'34	21°24	27°21	23°51	27°22	29°33	17°57	22°45	1°28	10°12	11°57	13° 8	10°28	7°21	T 27
W28	2 38 39	8°20'14	3♒31	27°30	25° 6	28° 6	29°40	18° 4	22°48	1°27	10°12	11°R58	13° 5	10°35	7°28	W28
T 29	2 42 35	9°20'55	15°55	27°R31	26°21	28°51	29°47	18°11	22°52	1°26	10°13	11°57	13° 2	10°41	7°36	T 29
F 30	2 46 32	10°21'37	28°42	27°22	27°36	29°36	29°54	18°18	22°56	1°25	10°13	11°56	12°59	10°48	7°43	F 30
S 31	2 50 29	11♏22'20	11♓55	27♏ 3	28♏51	0♐21	0♒ 2	18♎25	22♎59	1♈23	10♌13	11♋52	12♋55	10♐55	7♎51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s28	20s20	1s58	12s43	1s33	7s42	0n44	14s42	0s20	21s45	0s58	3s46	2n18	7s49	0n32	0s46	1s46	27n32	10n 2	22n46	22n48	18s40	6s 3	4s55
F 2	4 51	17 29	2 57	13 20	1 39	8 12	0 42	14 56	0 21	21 45	0 58	3 49	2 18	7 50	0 32	0 47	1 46	27 32	10 2	22 46	22 49	18 42	6 6	4 55
S 3	5 15	13 39	3 48	13 55	1 45	8 42	0 39	15 11	0 22	21 44	0 58	3 52	2 18	7 52	0 32	0 47	1 46	27 32	10 3	22 47	22 49	18 44	6 10	4 54
S 4	5 38	8 59	4 28	14 30	1 51	9 11	0 37	15 25	0 22	21 43	0 58	3 55	2 18	7 53	0 32	0 48	1 46	27 32	10 3	22 48	22 50	18 45	6 13	4 54
M 5	6 2	3 43	4 53	15 4	1 57	9 41	0 35	15 39	0 23	21 43	0 58	3 58	2 18	7 54	0 32	0 49	1 46	27 32	10 3	22 49	22 50	18 47	6 16	4 54
T 6	6 25	1n54	5 0	15 37	2 2	10 10	0 33	15 54	0 24	21 42	0 58	4 0	2 18	7 56	0 31	0 49	1 46	27 32	10 4	22 50	22 50	18 49	6 19	4 54
W 7	6 48	7 29	4 47	16 9	2 7	10 39	0 31	16 8	0 24	21 41	0 58	4 3	2 18	7 57	0 31	0 50	1 46	27 32	10 4	22 52	22 51	18 51	6 22	4 54
T 8	7 11	12 42	4 15	16 40	2 12	11 8	0 28	16 21	0 25	21 41	0 58	4 6	2 18	7 59	0 31	0 51	1 46	27 32	10 4	22 53	22 51	18 52	6 25	4 53
F 9	7 34	17 8	3 25	17 11	2 17	11 36	0 26	16 35	0 25	21 40	0 58	4 9	2 18	8 0	0 31	0 51	1 46	27 32	10 5	22 53	22 51	18 54	6 28	4 53
S 10	7 57	20 27	2 23	17 40	2 22	12 5	0 24	16 49	0 26	21 39	0 58	4 11	2 18	8 1	0 31	0 52	1 46	27 32	10 5	22 54	22 52	18 56	6 31	4 53
S 11	8 20	22 24	1 12	18 8	2 26	12 33	0 21	17 2	0 27	21 38	0 58	4 14	2 18	8 3	0 31	0 52	1 46	27 33	10 6	22 54	22 52	18 58	6 34	4 53
M12	8 42	22 54	0n 2	18 34	2 30	13 0	0 19	17 16	0 27	21 37	0 57	4 17	2 18	8 4	0 31	0 53	1 46	27 33	10 6	22 54	22 52	18 59	6 37	4 53
T 13	9 5	21 57	1 15	19 0	2 33	13 28	0 17	17 29	0 28	21 36	0 57	4 20	2 18	8 6	0 31	0 54	1 46	27 33	10 6	22 54	22 53	19 1	6 41	4 53
W14	9 27	19 45	2 21	19 24	2 36	13 55	0 14	17 42	0 28	21 35	0 57	4 22	2 18	8 7	0 31	0 54	1 46	27 33	10 7	22 54	22 53	19 3	6 44	4 53
T 15	9 50	16 31	3 19	19 47	2 39	14 21	0 12	17 55	0 29	21 34	0 57	4 25	2 18	8 9	0 31	0 55	1 46	27 33	10 7	22 55	22 53	19 5	6 47	4 52
F 16	10 12	12 31	4 5	20 9	2 41	14 48	0 9	18 7	0 30	21 33	0 57	4 28	2 18	8 10	0 31	0 55	1 46	27 33	10 7	22 55	22 54	19 6	6 50	4 52
S 17	10 34	8 1	4 38	20 29	2 43	15 13	0 7	18 20	0 30	21 32	0 57	4 31	2 18	8 11	0 31	0 56	1 46	27 33	10 8	22 56	22 54	19 8	6 53	4 52
S 18	10 55	3 14	4 57	20 47	2 44	15 39	0 5	18 33	0 31	21 30	0 57	4 33	2 18	8 13	0 31	0 57	1 46	27 33	10 8	22 57	22 54	19 10	6 56	4 52
M19	11 17	1s37	5 1	21 3	2 44	16 4	0 2	18 45	0 31	21 29	0 57	4 36	2 18	8 14	0 31	0 57	1 46	27 34	10 8	22 58	22 55	19 11	6 59	4 52
T 20	11 38	6 20	4 50	21 18	2 44	16 29	0s 0	18 57	0 32	21 28	0 57	4 39	2 18	8 16	0 31	0 58	1 46	27 34	10 9	23 0	22 55	19 13	7 2	4 52
W21	12 0	10 45	4 27	21 30	2 43	16 53	0 3	19 9	0 33	21 27	0 57	4 41	2 18	8 17	0 31	0 58	1 46	27 34	10 9	23 1	22 55	19 15	7 5	4 52
T 22	12 21	14 43	3 52	21 41	2 41	17 17	0 5	19 21	0 33	21 25	0 57	4 44	2 19	8 18	0 31	0 59	1 46	27 34	10 9	23 2	22 55	19 17	7 8	4 52
F 23	12 42	18 3	3 7	21 49	2 38	17 40	0 8	19 32	0 34	21 24	0 57	4 47	2 19	8 20	0 31	0 59	1 46	27 34	10 10	23 3	22 56	19 18	7 11	4 52
S 24	13 2	20 38	2 14	21 54	2 35	18 3	0 10	19 44	0 34	21 23	0 56	4 49	2 19	8 21	0 31	1 0	1 46	27 35	10 10	23 3	22 56	19 20	7 14	4 52
S 25	13 23	22 20	1 15	21 57	2 30	18 26	0 13	19 55	0 35	21 21	0 56	4 52	2 19	8 22	0 31	1 0	1 46	27 35	10 11	23 4	22 56	19 22	7 17	4 52
M26	13 43	23 3	0 13	21 58	2 24	18 48	0 15	20 6	0 35	21 20	0 56	4 54	2 19	8 24	0 31	1 1	1 45	27 35	10 11	23 4	22 57	19 23	7 20	4 52
T 27	14 3	22 43	0s50	21 55	2 16	19 9	0 18	20 17	0 36	21 18	0 56	4 57	2 19	8 25	0 31	1 1	1 45	27 35	10 11	23 4	22 57	19 25	7 23	4 52
W28	14 23	21 20	1 53	21 48	2 7	19 30	0 21	20 28	0 36	21 17	0 56	5 0	2 19	8 27	0 31	1 2	1 45	27 36	10 12	23 4	22 57	19 27	7 26	4 51
T 29	14 42	18 54	2 51	21 38	1 57	19 51	0 23	20 39	0 37	21 15	0 56	5 2	2 19	8 28	0 31	1 2	1 45	27 36	10 12	23 4	22 58	19 28	7 29	4 51
F 30	15 2	15 29	3 43	21 25	1 45	20 10	0 25	20 49	0 38	21 13	0 56	5 5	2 19	8 29	0 31	1 3	1 45	27 36	10 12	23 4	22 58	19 30	7 32	4 51
S 31	15s21	11s13	4s25	21s 7	1s32	20s30	0s28	20s59	0s38	21s12	0s56	5s 7	2n19	8s31	0n31	1s 3	1s45	27n36	10n13	23n 4	22n58	19s32	7s35	4s51

Julian Day Number = 1982850.5, Delta T = 58m17s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°51'56, Lahiri = 5°58'57 Julian Calendar 1 Oct. 716 == Greg. Calendar 5 Oct. 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

NOVEMBER 716 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 54 25	12♏23'04	25♓38	26°R33	0♐ 6	1♐ 6	0♒ 9	18♎31	23♎ 3	1°R22	10♌13	11°R45	12♋52	11♐ 1	7♎58	S 1
M 2	2 58 22	13°23'50	9♈50	25♏52	1°21	1°51	0°17	18°38	23° 6	1♈21	10°14	11♋37	12°49	11° 8	8° 5	M 2
T 3	3 2 18	14°24'36	24°29	25° 1	2°36	2°36	0°25	18°45	23°10	1°20	10°14	11°28	12°46	11°15	8°13	T 3
W 4	3 6 15	15°25'24	9♉28	24° 0	3°51	3°21	0°33	18°52	23°14	1°19	10°14	11°19	12°43	11°21	8°20	W 4
T 5	3 10 11	16°26'13	24°38	22°50	5° 6	4° 6	0°41	18°58	23°17	1°18	10°14	11°11	12°40	11°28	8°27	T 5
F 6	3 14 8	17°27'04	9♊49	21°34	6°21	4°51	0°50	19° 5	23°21	1°17	10°14	11° 5	12°36	11°35	8°34	F 6
S 7	3 18 4	18°27'56	24°50	20°13	7°35	5°37	0°58	19°12	23°24	1°16	10°14	11° 1	12°33	11°41	8°41	S 7
S 8	3 22 1	19°28'49	9♋35	18°50	8°50	6°22	1° 7	19°18	23°28	1°15	10°R14	11°D 0	12°30	11°48	8°48	S 8
M 9	3 25 58	20°29'44	23°57	17°29	10° 5	7° 7	1°16	19°25	23°31	1°14	10°14	11° 1	12°27	11°55	8°55	M 9
T 10	3 29 54	21°30'40	7♌55	16°11	11°20	7°53	1°25	19°31	23°35	1°13	10°14	11° 2	12°24	12° 1	9° 2	T 10
W11	3 33 51	22°31'37	21°30	14°59	12°35	8°38	1°34	19°38	23°38	1°12	10°14	11°R 3	12°21	12° 8	9° 9	W11
T 12	3 37 47	23°32'36	4♍44	13°55	13°50	9°24	1°43	19°44	23°41	1°11	10°14	11° 2	12°17	12°15	9°16	T 12
F 13	3 41 44	24°33'36	17°38	13° 2	15° 5	10° 9	1°52	19°50	23°45	1°10	10°14	10°59	12°14	12°21	9°23	F 13
S 14	3 45 40	25°34'37	0♎17	12°19	16°20	10°55	2° 2	19°57	23°48	1° 9	10°14	10°55	12°11	12°28	9°30	S 14
S 15	3 49 37	26°35'40	12°43	11°48	17°35	11°41	2°11	20° 3	23°51	1° 8	10°13	10°48	12° 8	12°35	9°36	S 15
M16	3 53 33	27°36'43	24°57	11°28	18°50	12°27	2°21	20° 9	23°55	1° 8	10°13	10°40	12° 5	12°41	9°43	M16
T 17	3 57 30	28°37'48	7♏ 3	11°D19	20° 5	13°12	2°31	20°15	23°58	1° 7	10°13	10°31	12° 1	12°48	9°49	T 17
W18	4 1 27	29°38'53	19° 2	11°20	21°20	13°58	2°41	20°22	24° 1	1° 6	10°13	10°23	11°58	12°55	9°56	W18
T 19	4 5 23	0♐40'00	0♐56	11°31	22°34	14°44	2°51	20°28	24° 4	1° 5	10°12	10°16	11°55	13° 1	10° 2	T 19
F 20	4 9 20	1°41'07	12°46	11°52	23°49	15°30	3° 1	20°34	24° 8	1° 5	10°12	10°11	11°52	13° 8	10° 9	F 20
S 21	4 13 16	2°42'15	24°33	12°20	25° 4	16°16	3°11	20°40	24°11	1° 4	10°12	10° 7	11°49	13°15	10°15	S 21
S 22	4 17 13	3°43'23	6♑21	12°56	26°19	17° 2	3°22	20°46	24°14	1° 4	10°11	10°D 6	11°46	13°21	10°21	S 22
M23	4 21 9	4°44'32	18°11	13°38	27°34	17°48	3°32	20°51	24°17	1° 3	10°11	10° 6	11°42	13°28	10°27	M23
T 24	4 25 6	5°45'42	0♒ 8	14°26	28°49	18°34	3°43	20°57	24°20	1° 3	10°10	10° 7	11°39	13°35	10°33	T 24
W25	4 29 2	6°46'52	12°16	15°19	0♑ 4	19°20	3°54	21° 3	24°23	1° 2	10°10	10° 9	11°36	13°41	10°39	W25
T 26	4 32 59	7°48'02	24°38	16°16	1°18	20° 7	4° 4	21° 9	24°26	1° 2	10° 9	10°11	11°33	13°48	10°45	T 26
F 27	4 36 56	8°49'12	7♓20	17°18	2°33	20°53	4°15	21°14	24°29	1° 1	10° 9	10°R12	11°30	13°55	10°51	F 27
S 28	4 40 52	9°50'23	20°26	18°22	3°48	21°39	4°27	21°20	24°32	1° 1	10° 8	10°11	11°27	14° 1	10°57	S 28
S 29	4 44 49	10°51'33	3♈58	19°30	5° 3	22°25	4°38	21°25	24°35	1° 1	10° 8	10° 9	11°23	14° 8	11° 2	S 29
M30	4 48 45	11♐52'44	18♈ 0	20♏41	6♑17	23♐12	4♒49	21♎31	24♎38	1♈ 0	10♌ 7	10♋ 6	11♋20	14♐15	11♎ 8	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s40	6s14	4s53	20s46	1s17	20s48	0s30	21s 9	0s39	21s10	0s56	5s10	2n19	8s32	0n31	1s 4	1s45	27n37	10n13	23n 5	22n59	19s33	7s38	4s51
M 2	15 58	0 45	5 5	20 20	1 0	21 6	0 33	21 19	0 39	21 8	0 56	5 12	2 19	8 33	0 31	1 4	1 45	27 37	10 14	23 6	22 59	19 35	7 41	4 51
T 3	16 16	4n57	4 57	19 50	0 42	21 24	0 35	21 28	0 40	21 6	0 56	5 15	2 19	8 35	0 31	1 4	1 45	27 37	10 14	23 6	22 59	19 37	7 44	4 51
W 4	16 34	10 29	4 30	19 16	0 23	21 41	0 38	21 38	0 40	21 5	0 56	5 17	2 20	8 36	0 31	1 5	1 45	27 38	10 14	23 7	23 0	19 38	7 47	4 51
T 5	16 52	15 28	3 42	18 39	0 3	21 57	0 40	21 47	0 41	21 3	0 55	5 20	2 20	8 37	0 31	1 5	1 45	27 38	10 15	23 8	23 0	19 40	7 50	4 51
F 6	17 9	19 27	2 39	18 0	0n18	22 13	0 43	21 56	0 41	21 1	0 55	5 22	2 20	8 39	0 31	1 6	1 45	27 38	10 15	23 8	23 0	19 42	7 53	4 51
S 7	17 27	22 4	1 26	17 18	0 38	22 28	0 45	22 4	0 42	20 59	0 55	5 25	2 20	8 40	0 31	1 6	1 45	27 39	10 15	23 9	23 0	19 43	7 55	4 51
S 8	17 43	23 8	0 8	16 37	0 58	22 42	0 47	22 13	0 42	20 57	0 55	5 27	2 20	8 41	0 31	1 6	1 45	27 39	10 16	23 9	23 1	19 45	7 58	4 51
M 9	18 0	22 36	1n 9	15 56	1 17	22 56	0 50	22 21	0 43	20 55	0 55	5 29	2 20	8 42	0 31	1 7	1 45	27 39	10 16	23 9	23 1	19 47	8 1	4 51
T 10	18 16	20 40	2 20	15 16	1 35	23 9	0 52	22 29	0 43	20 53	0 55	5 32	2 20	8 44	0 31	1 7	1 45	27 40	10 17	23 9	23 1	19 48	8 4	4 52
W11	18 32	17 36	3 21	14 40	1 51	23 21	0 54	22 37	0 44	20 51	0 55	5 34	2 20	8 45	0 31	1 7	1 45	27 40	10 17	23 8	23 2	19 50	8 7	4 52
T 12	18 47	13 42	4 9	14 8	2 5	23 33	0 56	22 44	0 44	20 49	0 55	5 36	2 20	8 46	0 31	1 8	1 45	27 40	10 17	23 9	23 2	19 51	8 9	4 52
F 13	19 2	9 16	4 44	13 41	2 17	23 44	0 59	22 52	0 45	20 46	0 55	5 39	2 20	8 48	0 31	1 8	1 45	27 41	10 18	23 9	23 2	19 53	8 12	4 52
S 14	19 17	4 31	5 3	13 19	2 26	23 54	1 1	22 59	0 45	20 44	0 55	5 41	2 21	8 49	0 31	1 8	1 45	27 41	10 18	23 9	23 3	19 55	8 15	4 52
S 15	19 32	0s19	5 8	13 2	2 34	24 4	1 3	23 6	0 46	20 42	0 55	5 43	2 21	8 50	0 31	1 9	1 45	27 42	10 18	23 10	23 3	19 56	8 18	4 52
M16	19 46	5 5	4 59	12 51	2 39	24 13	1 5	23 12	0 46	20 40	0 55	5 45	2 21	8 51	0 32	1 9	1 45	27 42	10 19	23 10	23 3	19 58	8 20	4 52
T 17	20 0	9 36	4 37	12 45	2 43	24 21	1 7	23 19	0 47	20 37	0 55	5 48	2 21	8 52	0 32	1 9	1 45	27 42	10 19	23 11	23 3	20 0	8 23	4 52
W18	20 13	13 43	4 2	12 44	2 44	24 28	1 9	23 25	0 47	20 35	0 55	5 50	2 21	8 54	0 32	1 9	1 45	27 43	10 20	23 12	23 4	20 1	8 26	4 52
T 19	20 26	17 17	3 17	12 47	2 45	24 34	1 11	23 31	0 47	20 33	0 55	5 52	2 21	8 55	0 32	1 10	1 45	27 43	10 20	23 12	23 4	20 3	8 28	4 52
F 20	20 38	20 7	2 23	12 54	2 44	24 40	1 13	23 36	0 48	20 30	0 55	5 54	2 21	8 56	0 32	1 10	1 44	27 44	10 20	23 13	23 4	20 4	8 31	4 52
S 21	20 51	22 6	1 24	13 5	2 41	24 45	1 15	23 42	0 48	20 28	0 54	5 56	2 22	8 57	0 32	1 10	1 44	27 44	10 21	23 13	23 5	20 6	8 33	4 52
S 22	21 2	23 7	0 21	13 19	2 38	24 50	1 17	23 47	0 49	20 25	0 54	5 58	2 22	8 58	0 32	1 10	1 44	27 45	10 21	23 13	23 5	20 8	8 36	4 52
M23	21 14	23 5	0s44	13 35	2 34	24 53	1 18	23 51	0 49	20 23	0 54	6 0	2 22	8 59	0 32	1 10	1 44	27 45	10 21	23 13	23 5	20 9	8 39	4 53
T 24	21 25	22 1	1 48	13 54	2 29	24 56	1 20	23 56	0 50	20 20	0 54	6 2	2 22	9 0	0 32	1 10	1 44	27 46	10 22	23 13	23 5	20 11	8 41	4 53
W25	21 36	19 54	2 47	14 15	2 24	24 58	1 22	24 0	0 50	20 17	0 54	6 4	2 22	9 2	0 32	1 11	1 44	27 46	10 22	23 13	23 6	20 12	8 43	4 53
T 26	21 46	16 51	3 40	14 37	2 18	24 59	1 23	24 4	0 51	20 15	0 54	6 6	2 22	9 3	0 32	1 11	1 44	27 47	10 22	23 13	23 6	20 14	8 46	4 53
F 27	21 55	12 57	4 24	15 1	2 11	25 0	1 25	24 8	0 51	20 12	0 54	6 8	2 23	9 4	0 32	1 11	1 44	27 47	10 23	23 13	23 6	20 15	8 48	4 53
S 28	22 5	8 20	4 56	15 25	2 5	24 59	1 27	24 12	0 51	20 9	0 54	6 10	2 23	9 5	0 32	1 11	1 44	27 48	10 23	23 13	23 6	20 17	8 51	4 53
S 29	22 14	3 11	5 12	15 50	1 58	24 58	1 28	24 15	0 52	20 7	0 54	6 12	2 23	9 6	0 32	1 11	1 44	27 48	10 23	23 13	23 7	20 19	8 53	4 53
M30	22s22	2n19	5s11	16s16	1n50	24s57	1s29	24s18	0s52	20s 4	0s54	6s14	2n23	9s 7	0n32	1s11	1s44	27n49	10n24	23n13	23n 7	20s20	8s55	4s53

Julian Day Number = 1982881.5, Delta T = 58m16s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'00, Lahiri = 5°59'01 Julian Calendar 1 Nov. 716 == Greg. Calendar 5 Nov. 716

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ASTRODIENST EPHEMERIS for the year 716
geocentric

DECEMBER 716 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 52 42	12♐53'55	2♉29	21♏54	7♑32	23♐58	5♒ 0	21♎36	24♎41	1°R 0	10°R 6	10°R 2	11♋17	14♐21	11♎13	T 1
W 2	4 56 38	13°55'06	17°22	23° 9	8°47	24°44	5°12	21°42	24°43	1♈ 0	10♌ 6	9♋58	11°14	14°28	11°19	W 2
T 3	5 0 35	14°56'17	2♊32	24°26	10° 1	25°31	5°23	21°47	24°46	0°59	10° 5	9°55	11°11	14°35	11°24	T 3
F 4	5 4 31	15°57'28	17°48	25°44	11°16	26°17	5°35	21°52	24°49	0°59	10° 4	9°52	11° 7	14°41	11°29	F 4
S 5	5 8 28	16°58'40	3♋ 2	27° 4	12°31	27° 4	5°47	21°57	24°52	0°59	10° 4	9°D51	11° 4	14°48	11°35	S 5
S 6	5 12 25	17°59'52	18° 3	28°25	13°45	27°50	5°59	22° 2	24°54	0°59	10° 3	9°51	11° 1	14°55	11°40	S 6
M 7	5 16 21	19° 1'04	2♌43	29°47	15° 0	28°37	6°11	22° 7	24°57	0°59	10° 2	9°52	10°58	15° 1	11°45	M 7
T 8	5 20 18	20° 2'16	16°57	1♐10	16°14	29°24	6°23	22°12	24°59	0°59	10° 1	9°54	10°55	15° 8	11°50	T 8
W 9	5 24 14	21° 3'29	0♍45	2°35	17°29	0♑10	6°35	22°17	25° 2	0°D59	10° 0	9°55	10°52	15°15	11°54	W 9
T 10	5 28 11	22° 4'42	14° 6	4° 0	18°44	0°57	6°47	22°22	25° 4	0°59	9°59	9°56	10°48	15°21	11°59	T 10
F 11	5 32 7	23° 5'55	27° 3	5°25	19°58	1°44	6°59	22°26	25° 7	0°59	9°58	9°R56	10°45	15°28	12° 4	F 11
S 12	5 36 4	24° 7'08	9♎39	6°52	21°13	2°31	7°12	22°31	25° 9	0°59	9°58	9°55	10°42	15°34	12° 8	S 12
S 13	5 40 0	25° 8'22	21°59	8°19	22°27	3°17	7°24	22°35	25°11	0°59	9°57	9°54	10°39	15°41	12°13	S 13
M14	5 43 57	26° 9'35	4♏ 6	9°47	23°41	4° 4	7°37	22°40	25°14	0°59	9°56	9°52	10°36	15°48	12°17	M14
T 15	5 47 54	27°10'49	16° 4	11°15	24°56	4°51	7°49	22°44	25°16	1° 0	9°55	9°50	10°32	15°54	12°21	T 15
W16	5 51 50	28°12'02	27°55	12°44	26°10	5°38	8° 2	22°49	25°18	1° 0	9°54	9°48	10°29	16° 1	12°26	W16
T 17	5 55 47	29°13'16	9♐44	14°13	27°25	6°25	8°15	22°53	25°20	1° 0	9°53	9°47	10°26	16° 8	12°30	T 17
F 18	5 59 43	0♑14'29	21°32	15°43	28°39	7°12	8°28	22°57	25°22	1° 0	9°52	9°45	10°23	16°14	12°34	F 18
S 19	6 3 40	1°15'42	3♑21	17°14	29°53	7°59	8°40	23° 1	25°25	1° 1	9°50	9°45	10°20	16°21	12°38	S 19
S 20	6 7 36	2°16'55	15°14	18°45	1♒ 8	8°46	8°53	23° 5	25°27	1° 1	9°49	9°D45	10°17	16°28	12°41	S 20
M21	6 11 33	3°18'07	27°12	20°16	2°22	9°33	9° 6	23° 9	25°28	1° 2	9°48	9°45	10°13	16°34	12°45	M21
T 22	6 15 30	4°19'19	9♒19	21°48	3°36	10°20	9°19	23°13	25°30	1° 2	9°47	9°46	10°10	16°41	12°49	T 22
W23	6 19 26	5°20'29	21°35	23°21	4°50	11° 7	9°33	23°16	25°32	1° 3	9°46	9°46	10° 7	16°48	12°52	W23
T 24	6 23 23	6°21'39	4♓ 4	24°54	6° 4	11°54	9°46	23°20	25°34	1° 3	9°45	9°47	10° 4	16°54	12°55	T 24
F 25	6 27 19	7°22'49	16°49	26°27	7°19	12°41	9°59	23°24	25°36	1° 4	9°44	9°47	10° 1	17° 1	12°59	F 25
S 26	6 31 16	8°23'57	29°53	28° 1	8°33	13°28	10°12	23°27	25°38	1° 4	9°42	9°47	9°58	17° 8	13° 2	S 26
S 27	6 35 12	9°25'04	13♈18	29°36	9°47	14°15	10°26	23°30	25°39	1° 5	9°41	9°47	9°54	17°14	13° 5	S 27
M28	6 39 9	10°26'10	27° 6	1♑11	11° 1	15° 3	10°39	23°34	25°41	1° 6	9°40	9°47	9°51	17°21	13° 8	M28
T 29	6 43 5	11°27'16	11♉17	2°46	12°15	15°50	10°53	23°37	25°42	1° 6	9°39	9°47	9°48	17°28	13°11	T 29
W30	6 47 2	12°28'20	25°50	4°22	13°29	16°37	11° 6	23°40	25°44	1° 7	9°37	9°48	9°45	17°34	13°14	W30
T 31	6 50 59	13♑29'23	10♊42	5♑59	14♒42	17♑24	11♒20	23♎43	25♎45	1♈ 8	9♌36	9♋48	9♋42	17♐41	13♎16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s30	7n52	4s50	16s43	1n43	24s54	1s31	24s20	0s53	20s 1	0s54	6s16	2n23	9s 8	0n32	1s11	1s44	27n49	10n24	23n13	23n 7	20s22	8s58	4s54
W 2	22 38	13 8	4 10	17 9	1 35	24 51	1 32	24 23	0 53	19 58	0 54	6 18	2 23	9 9	0 32	1 11	1 44	27 50	10 24	23 14	23 8	20 23	9 0	4 54
T 3	22 45	17 41	3 11	17 36	1 27	24 46	1 33	24 25	0 53	19 55	0 54	6 20	2 24	9 10	0 32	1 11	1 44	27 50	10 25	23 14	23 8	20 25	9 2	4 54
F 4	22 52	21 4	1 59	18 2	1 20	24 41	1 34	24 27	0 54	19 52	0 54	6 21	2 24	9 11	0 32	1 11	1 44	27 51	10 25	23 14	23 8	20 26	9 5	4 54
S 5	22 58	22 57	0 38	18 28	1 12	24 36	1 36	24 28	0 54	19 49	0 54	6 23	2 24	9 12	0 32	1 11	1 44	27 51	10 25	23 14	23 8	20 28	9 7	4 54
S 6	23 3	23 7	0n45	18 54	1 4	24 29	1 37	24 30	0 54	19 46	0 54	6 25	2 24	9 13	0 32	1 11	1 44	27 52	10 26	23 14	23 9	20 29	9 9	4 54
M 7	23 9	21 41	2 3	19 20	0 56	24 22	1 38	24 31	0 55	19 43	0 54	6 26	2 24	9 14	0 32	1 11	1 44	27 52	10 26	23 14	23 9	20 31	9 11	4 54
T 8	23 14	18 53	3 11	19 45	0 48	24 14	1 38	24 31	0 55	19 40	0 54	6 28	2 24	9 15	0 32	1 11	1 44	27 53	10 26	23 14	23 9	20 32	9 13	4 55
W 9	23 18	15 6	4 6	20 10	0 40	24 6	1 39	24 32	0 55	19 37	0 54	6 30	2 25	9 16	0 32	1 11	1 43	27 53	10 27	23 14	23 9	20 34	9 15	4 55
T 10	23 22	10 40	4 45	20 34	0 33	23 56	1 40	24 32	0 56	19 34	0 54	6 31	2 25	9 17	0 32	1 11	1 43	27 54	10 27	23 14	23 10	20 35	9 17	4 55
F 11	23 25	5 54	5 9	20 57	0 25	23 46	1 41	24 32	0 56	19 31	0 54	6 33	2 25	9 17	0 32	1 11	1 43	27 54	10 27	23 14	23 10	20 37	9 19	4 55
S 12	23 28	1 0	5 16	21 19	0 17	23 35	1 41	24 31	0 57	19 28	0 54	6 34	2 25	9 18	0 32	1 11	1 43	27 55	10 28	23 14	23 10	20 38	9 21	4 55
S 13	23 31	3s50	5 10	21 41	0 10	23 24	1 42	24 31	0 57	19 25	0 54	6 36	2 25	9 19	0 32	1 11	1 43	27 56	10 28	23 14	23 10	20 40	9 23	4 56
M14	23 33	8 27	4 49	22 2	0 2	23 12	1 42	24 30	0 57	19 21	0 54	6 37	2 26	9 20	0 32	1 11	1 43	27 56	10 28	23 14	23 11	20 41	9 25	4 56
T 15	23 34	12 41	4 16	22 22	0s 5	22 59	1 43	24 28	0 57	19 18	0 53	6 39	2 26	9 21	0 32	1 11	1 43	27 57	10 28	23 14	23 11	20 43	9 27	4 56
W16	23 36	16 24	3 32	22 41	0 12	22 45	1 43	24 27	0 58	19 15	0 53	6 40	2 26	9 22	0 32	1 10	1 43	27 57	10 29	23 14	23 11	20 44	9 29	4 56
T 17	23 36	19 26	2 39	22 59	0 19	22 31	1 43	24 25	0 58	19 11	0 53	6 42	2 26	9 22	0 32	1 10	1 43	27 58	10 29	23 14	23 11	20 46	9 31	4 56
F 18	23 36	21 41	1 39	23 16	0 26	22 16	1 44	24 23	0 58	19 8	0 53	6 43	2 27	9 23	0 32	1 10	1 43	27 58	10 29	23 15	23 12	20 47	9 32	4 57
S 19	23 36	22 58	0 35	23 32	0 33	22 0	1 44	24 20	0 59	19 5	0 53	6 44	2 27	9 24	0 32	1 10	1 43	27 59	10 30	23 15	23 12	20 49	9 34	4 57
S 20	23 35	23 14	0s30	23 47	0 40	21 44	1 44	24 18	0 59	19 1	0 53	6 46	2 27	9 25	0 32	1 10	1 43	27 59	10 30	23 15	23 12	20 50	9 36	4 57
M21	23 34	22 25	1 36	24 1	0 46	21 27	1 44	24 15	0 59	18 58	0 53	6 47	2 27	9 25	0 32	1 10	1 43	28 0	10 30	23 15	23 12	20 52	9 37	4 57
T 22	23 32	20 34	2 37	24 13	0 52	21 10	1 44	24 11	1 0	18 54	0 53	6 48	2 27	9 26	0 32	1 9	1 43	28 1	10 30	23 15	23 13	20 53	9 39	4 57
W23	23 30	17 45	3 32	24 24	0 58	20 51	1 43	24 8	1 0	18 51	0 53	6 49	2 28	9 27	0 32	1 9	1 43	28 1	10 31	23 14	23 13	20 55	9 41	4 58
T 24	23 27	14 5	4 18	24 34	1 4	20 33	1 43	24 4	1 0	18 47	0 53	6 50	2 28	9 27	0 32	1 9	1 43	28 2	10 31	23 14	23 13	20 56	9 42	4 58
F 25	23 24	9 44	4 53	24 43	1 10	20 14	1 43	24 0	1 0	18 43	0 53	6 51	2 28	9 28	0 32	1 9	1 43	28 2	10 31	23 14	23 13	20 58	9 44	4 58
S 26	23 20	4 50	5 13	24 50	1 15	19 54	1 42	23 55	1 1	18 40	0 53	6 52	2 28	9 28	0 32	1 8	1 43	28 3	10 31	23 14	23 14	20 59	9 45	4 58
S 27	23 16	0n25	5 17	24 56	1 20	19 33	1 42	23 51	1 1	18 36	0 53	6 53	2 29	9 29	0 32	1 8	1 42	28 4	10 32	23 14	23 14	21 1	9 46	4 58
M28	23 11	5 47	5 4	25 1	1 25	19 12	1 41	23 46	1 1	18 32	0 53	6 54	2 29	9 30	0 32	1 8	1 42	28 4	10 32	23 14	23 14	21 2	9 48	4 59
T 29	23 6	11 1	4 31	25 4	1 30	18 51	1 41	23 40	1 1	18 29	0 53	6 55	2 29	9 30	0 32	1 7	1 42	28 5	10 32	23 14	23 14	21 3	9 49	4 59
W30	23 1	15 46	3 41	25 6	1 34	18 29	1 40	23 35	1 2	18 25	0 53	6 56	2 29	9 31	0 32	1 7	1 42	28 5	10 32	23 14	23 15	21 5	9 50	4 59
T 31	22s55	19n39	2s35	25s 6	1s38	18s 7	1s39	23s29	1s 2	18s21	0s53	6s57	2n30	9s31	0n32	1s 7	1s42	28n 6	10n33	23n14	23n15	21s 6	9s52	4s59

Julian Day Number = 1982911.5, Delta T = 58m16s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'05, Lahiri = 5°59'05 Julian Calendar 1 Dec. 716 == Greg. Calendar 5 Dec. 716

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ASTRODIENST EPHEMERIS for the year 717
geocentric

JANUARY 717 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 54 55	14♉30'26	25♊44	7♉36	15♒56	18♉11	11♒34	23♎46	25♎47	1♈ 8	9°R35	9♋48	9♋38	17♐48	13♎19	F 1
S 2	6 58 52	15°31'27	10♋50	9°14	17°10	18°59	11°47	23°49	25°48	1° 9	9♏33	9°R48	9°35	17°54	13°21	S 2
S 3	7 2 48	16°32'28	25°51	10°53	18°24	19°46	12° 1	23°51	25°50	1°10	9°32	9°48	9°32	18° 1	13°23	S 3
M 4	7 6 45	17°33'27	10♏37	12°32	19°37	20°33	12°15	23°54	25°51	1°11	9°31	9°48	9°29	18° 8	13°26	M 4
T 5	7 10 41	18°34'26	25° 2	14°12	20°51	21°20	12°29	23°56	25°52	1°12	9°29	9°47	9°26	18°14	13°28	T 5
W 6	7 14 38	19°35'23	9♐ 1	15°52	22° 5	22° 8	12°42	23°59	25°53	1°13	9°28	9°45	9°23	18°21	13°30	W 6
T 7	7 18 34	20°36'20	22°33	17°34	23°18	22°55	12°56	24° 1	25°54	1°14	9°27	9°44	9°19	18°28	13°32	T 7
F 8	7 22 31	21°37'16	5♎39	19°16	24°32	23°42	13°10	24° 3	25°55	1°15	9°25	9°43	9°16	18°34	13°33	F 8
S 9	7 26 28	22°38'11	18°20	20°58	25°45	24°30	13°24	24° 5	25°56	1°16	9°24	9°D43	9°13	18°41	13°35	S 9
S 10	7 30 24	23°39'06	0♏42	22°42	26°59	25°17	13°38	24° 7	25°57	1°17	9°22	9°43	9°10	18°48	13°36	S 10
M11	7 34 21	24°39'59	12°48	24°26	28°12	26° 4	13°52	24° 9	25°58	1°18	9°21	9°43	9° 7	18°54	13°38	M11
T 12	7 38 17	25°40'52	24°43	26°10	29°25	26°52	14° 6	24°11	25°59	1°19	9°19	9°45	9° 4	19° 1	13°39	T 12
W13	7 42 14	26°41'43	6♐32	27°56	0♓38	27°39	14°21	24°13	26° 0	1°21	9°18	9°46	9° 0	19° 8	13°40	W13
T 14	7 46 10	27°42'34	18°18	29°42	1°51	28°27	14°35	24°15	26° 1	1°22	9°17	9°48	8°57	19°14	13°41	T 14
F 15	7 50 7	28°43'23	0♑ 7	1♒29	3° 5	29°14	14°49	24°16	26° 1	1°23	9°15	9°49	8°54	19°21	13°42	F 15
S 16	7 54 3	29°44'11	12° 0	3°16	4°18	0♒ 1	15° 3	24°18	26° 2	1°24	9°14	9°R49	8°51	19°27	13°43	S 16
S 17	7 58 0	0♒44'58	24° 1	5° 4	5°31	0°49	15°17	24°19	26° 2	1°26	9°12	9°48	8°48	19°34	13°44	S 17
M18	8 1 57	1°45'43	6♒12	6°53	6°43	1°36	15°32	24°20	26° 3	1°27	9°11	9°46	8°44	19°41	13°45	M18
T 19	8 5 53	2°46'27	18°33	8°42	7°56	2°24	15°46	24°21	26° 3	1°28	9° 9	9°43	8°41	19°47	13°45	T 19
W20	8 9 50	3°47'10	1♓ 6	10°32	9° 9	3°11	16° 0	24°22	26° 4	1°30	9° 8	9°40	8°38	19°54	13°46	W20
T 21	8 13 46	4°47'51	13°52	12°22	10°22	3°58	16°15	24°23	26° 4	1°31	9° 6	9°35	8°35	20° 1	13°46	T 21
F 22	8 17 43	5°48'30	26°51	14°12	11°34	4°46	16°29	24°24	26° 4	1°32	9° 5	9°31	8°32	20° 7	13°46	F 22
S 23	8 21 39	6°49'07	10♈ 4	16° 2	12°47	5°33	16°43	24°25	26° 4	1°34	9° 3	9°28	8°29	20°14	13°R46	S 23
S 24	8 25 36	7°49'42	23°32	17°52	13°59	6°21	16°58	24°25	26° 5	1°35	9° 2	9°26	8°25	20°21	13°46	S 24
M25	8 29 32	8°50'16	7♉15	19°41	15°12	7° 8	17°12	24°26	26° 5	1°37	9° 0	9°D25	8°22	20°27	13°46	M25
T 26	8 33 29	9°50'48	21°14	21°30	16°24	7°55	17°26	24°26	26° 5	1°38	8°59	9°25	8°19	20°34	13°46	T 26
W27	8 37 26	10°51'17	5♊28	23°18	17°36	8°43	17°41	24°26	26°R 5	1°40	8°57	9°27	8°16	20°41	13°45	W27
T 28	8 41 22	11°51'45	19°55	25° 5	18°48	9°30	17°55	24°26	26° 5	1°42	8°56	9°28	8°13	20°47	13°45	T 28
F 29	8 45 19	12°52'11	4♋32	26°50	20° 0	10°18	18°10	24°R27	26° 5	1°43	8°54	9°R29	8°10	20°54	13°44	F 29
S 30	8 49 15	13°52'35	19°15	28°33	21°12	11° 5	18°24	24°27	26° 4	1°45	8°53	9°29	8° 6	21° 1	13°43	S 30
S 31	8 53 12	14♒52'58	3♏57	0♓14	22♓24	11♒52	18♒39	24♎26	26♎ 4	1♈46	8♏51	9♋27	8♋ 3	21♐ 7	13♎43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s49	22n15	1s17	25s 5	1s42	17s44	1s38	23s23	1s 2	18s17	0s53	6s58	2n30	9s32	0n32	1s 6	1s42	28n 6	10n33	23n14	23n15	21s 8	9s53	5s 0	F 1
S 2	22 42	23 15	0n 6	25 2	1 46	17 20	1 37	23 17	1 2	18 13	0 53	6 59	2 30	9 32	0 32	1 6	1 42	28 7	10 33	23 14	23 15	21 9	9 54	5 0	S 2
S 3	22 34	22 34	1 28	24 58	1 49	16 56	1 36	23 10	1 2	18 10	0 53	7 0	2 30	9 33	0 32	1 5	1 42	28 8	10 33	23 14	23 16	21 11	9 55	5 0	S 3
M 4	22 27	20 18	2 43	24 52	1 52	16 32	1 35	23 3	1 3	18 6	0 53	7 0	2 30	9 33	0 32	1 5	1 42	28 8	10 33	23 14	23 16	21 12	9 56	5 0	M 4
T 5	22 18	16 48	3 46	24 45	1 55	16 7	1 33	22 56	1 3	18 2	0 53	7 1	2 31	9 34	0 32	1 5	1 42	28 9	10 34	23 14	23 16	21 13	9 57	5 1	T 5
W 6	22 10	12 27	4 33	24 35	1 57	15 42	1 32	22 48	1 3	17 58	0 53	7 2	2 31	9 34	0 32	1 4	1 42	28 9	10 34	23 15	23 16	21 15	9 58	5 1	W 6
T 7	22 1	7 37	5 3	24 25	1 59	15 16	1 31	22 41	1 3	17 54	0 53	7 2	2 31	9 34	0 32	1 4	1 42	28 10	10 34	23 15	23 16	21 16	9 59	5 1	T 7
F 8	21 51	2 35	5 17	24 12	2 1	14 50	1 29	22 33	1 3	17 50	0 53	7 3	2 31	9 35	0 32	1 3	1 42	28 10	10 34	23 15	23 17	21 18	10 0	5 1	F 8
S 9	21 41	2s24	5 14	23 58	2 2	14 24	1 28	22 25	1 3	17 46	0 53	7 3	2 32	9 35	0 32	1 3	1 42	28 11	10 34	23 15	23 17	21 19	10 1	5 1	S 9
S 10	21 31	7 10	4 56	23 42	2 3	13 57	1 26	22 16	1 4	17 42	0 53	7 4	2 32	9 35	0 32	1 2	1 42	28 12	10 34	23 15	23 17	21 20	10 2	5 2	S 10
M11	21 20	11 34	4 26	23 24	2 3	13 30	1 24	22 7	1 4	17 38	0 53	7 4	2 32	9 36	0 32	1 2	1 42	28 12	10 35	23 15	23 17	21 22	10 3	5 2	M11
T 12	21 9	15 27	3 45	23 4	2 3	13 2	1 23	21 58	1 4	17 34	0 53	7 5	2 33	9 36	0 33	1 1	1 42	28 13	10 35	23 15	23 18	21 23	10 3	5 2	T 12
W13	20 58	18 41	2 54	22 43	2 3	12 35	1 21	21 49	1 4	17 30	0 54	7 5	2 33	9 36	0 33	1 1	1 42	28 13	10 35	23 15	23 18	21 24	10 4	5 2	W13
T 14	20 46	21 9	1 56	22 20	2 2	12 7	1 19	21 40	1 4	17 25	0 54	7 6	2 33	9 36	0 33	1 0	1 42	28 14	10 35	23 14	23 18	21 26	10 5	5 3	T 14
F 15	20 33	22 43	0 53	21 55	2 0	11 38	1 17	21 30	1 4	17 21	0 54	7 6	2 33	9 37	0 33	1 0	1 42	28 14	10 35	23 14	23 18	21 27	10 5	5 3	F 15
S 16	20 21	23 16	0s12	21 28	1 58	11 9	1 15	21 20	1 4	17 17	0 54	7 6	2 34	9 37	0 33	0 59	1 41	28 15	10 35	23 14	23 18	21 29	10 6	5 3	S 16
S 17	20 8	22 44	1 18	21 0	1 56	10 40	1 12	21 10	1 4	17 13	0 54	7 6	2 34	9 37	0 33	0 59	1 41	28 15	10 35	23 14	23 19	21 30	10 6	5 3	S 17
M18	19 54	21 7	2 20	20 30	1 52	10 11	1 10	20 59	1 5	17 9	0 54	7 7	2 34	9 37	0 33	0 58	1 41	28 16	10 36	23 15	23 19	21 31	10 7	5 3	M18
T 19	19 40	18 30	3 18	19 58	1 49	9 42	1 8	20 49	1 5	17 4	0 54	7 7	2 34	9 37	0 33	0 58	1 41	28 16	10 36	23 15	23 19	21 33	10 7	5 4	T 19
W20	19 26	14 59	4 6	19 24	1 45	9 12	1 5	20 38	1 5	17 0	0 54	7 7	2 35	9 37	0 33	0 57	1 41	28 17	10 36	23 15	23 19	21 34	10 7	5 4	W20
T 21	19 12	10 44	4 43	18 48	1 40	8 42	1 3	20 27	1 5	16 56	0 54	7 7	2 35	9 38	0 33	0 56	1 41	28 18	10 36	23 15	23 19	21 35	10 8	5 4	T 21
F 22	18 57	5 56	5 6	18 11	1 34	8 12	1 0	20 15	1 5	16 52	0 54	7 7	2 35	9 38	0 33	0 56	1 41	28 18	10 36	23 16	23 20	21 37	10 8	5 4	F 22
S 23	18 42	0 48	5 14	17 32	1 28	7 42	0 58	20 4	1 5	16 47	0 54	7 7	2 35	9 38	0 33	0 55	1 41	28 19	10 36	23 16	23 20	21 38	10 8	5 4	S 23
S 24	18 26	4n29	5 4	16 52	1 21	7 11	0 55	19 52	1 5	16 43	0 54	7 7	2 36	9 38	0 33	0 54	1 41	28 19	10 36	23 16	23 20	21 39	10 8	5 5	S 24
M25	18 10	9 39	4 38	16 11	1 14	6 40	0 52	19 40	1 5	16 39	0 54	7 7	2 36	9 38	0 33	0 54	1 41	28 20	10 36	23 16	23 20	21 41	10 8	5 5	M25
T 26	17 54	14 25	3 54	15 28	1 5	6 10	0 49	19 28	1 5	16 34	0 54	7 7	2 36	9 38	0 33	0 53	1 41	28 20	10 36	23 16	23 20	21 42	10 8	5 5	T 26
W27	17 38	18 29	2 56	14 44	0 57	5 39	0 47	19 15	1 5	16 30	0 54	7 7	2 36	9 38	0 33	0 53	1 41	28 21	10 36	23 16	23 21	21 43	10 8	5 5	W27
T 28	17 21	21 28	1 45	13 59	0 47	5 7	0 44	19 2	1 5	16 25	0 54	7 7	2 37	9 38	0 33	0 52	1 41	28 21	10 36	23 16	23 21	21 44	10 8	5 5	T 28
F 29	17 4	23 4	0 27	13 13	0 37	4 36	0 41	18 50	1 5	16 21	0 54	7 6	2 37	9 38	0 33	0 51	1 41	28 21	10 37	23 16	23 21	21 46	10 8	5 6	F 29
S 30	16 47	23 5	0n53	12 27	0 25	4 5	0 37	18 37	1 5	16 16	0 54	7 6	2 37	9 38	0 33	0 50	1 41	28 22	10 37	23 16	23 21	21 47	10 8	5 6	S 30
S 31	16s29	21n30	2n10	11s41	0s14	3s34	0s34	18s23	1s 5	16s12	0s54	7s 6	2n37	9s37	0n33	0s50	1s41	28n22	10n37	23n16	23n21	21s48	10s 8	5s 6	S 31

Julian Day Number = 1982942.5, Delta T = 58m15s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'09, Lahiri = 5°59'09 Julian Calendar 1 Jan. 717 == Greg. Calendar 5 Jan. 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

FEBRUARY 717 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 57 8	15♒53'18	18♌31	1♓52	23♓36	12♒40	18♒53	24°R26	26°R 4	1♈48	8°R50	9°R23	8♋ 0	21♐14	13°R42	M 1
T 2	9 1 5	16°53'36	2♍50	3°26	24°48	13°27	19° 8	24♎26	26♎ 4	1°50	8♌48	9♋18	7°57	21°21	13♎41	T 2
W 3	9 5 1	17°53'53	16°50	4°55	25°59	14°14	19°22	24°25	26° 3	1°52	8°47	9°12	7°54	21°27	13°39	W 3
T 4	9 8 58	18°54'08	0♎26	6°20	27°11	15° 2	19°36	24°25	26° 3	1°53	8°46	9° 5	7°50	21°34	13°38	T 4
F 5	9 12 55	19°54'22	13°36	7°40	28°22	15°49	19°51	24°24	26° 2	1°55	8°44	8°59	7°47	21°41	13°37	F 5
S 6	9 16 51	20°54'33	26°23	8°54	29°33	16°36	20° 5	24°23	26° 2	1°57	8°43	8°55	7°44	21°47	13°35	S 6
S 7	9 20 48	21°54'44	8♏49	10° 1	0♈44	17°23	20°20	24°23	26° 1	1°59	8°41	8°52	7°41	21°54	13°34	S 7
M 8	9 24 44	22°54'52	20°57	11° 1	1°55	18°11	20°34	24°22	26° 1	2° 1	8°40	8°D51	7°38	22° 0	13°32	M 8
T 9	9 28 41	23°54'59	2♐53	11°53	3° 6	18°58	20°49	24°21	26° 0	2° 2	8°38	8°51	7°35	22° 7	13°30	T 9
W10	9 32 37	24°55'05	14°42	12°37	4°17	19°45	21° 3	24°19	25°59	2° 4	8°37	8°52	7°31	22°14	13°28	W10
T 11	9 36 34	25°55'08	26°29	13°13	5°28	20°33	21°18	24°18	25°58	2° 6	8°35	8°54	7°28	22°20	13°27	T 11
F 12	9 40 30	26°55'10	8♑20	13°40	6°39	21°20	21°32	24°17	25°58	2° 8	8°34	8°R54	7°25	22°27	13°24	F 12
S 13	9 44 27	27°55'11	20°18	13°58	7°49	22° 7	21°47	24°15	25°57	2°10	8°33	8°54	7°22	22°34	13°22	S 13
S 14	9 48 24	28°55'09	2♒27	14°R 7	8°59	22°54	22° 1	24°14	25°56	2°12	8°31	8°51	7°19	22°40	13°20	S 14
M15	9 52 20	29°55'06	14°50	14° 7	10°10	23°41	22°16	24°12	25°55	2°14	8°30	8°46	7°16	22°47	13°18	M15
T 16	9 56 17	0♓55'00	27°28	13°58	11°20	24°28	22°30	24°11	25°54	2°16	8°28	8°38	7°12	22°54	13°15	T 16
W17	10 0 13	1°54'53	10♓21	13°41	12°30	25°16	22°44	24° 9	25°53	2°18	8°27	8°29	7° 9	23° 0	13°13	W17
T 18	10 4 10	2°54'43	23°30	13°15	13°40	26° 3	22°59	24° 7	25°51	2°20	8°26	8°19	7° 6	23° 7	13°10	T 18
F 19	10 8 6	3°54'31	6♈52	12°43	14°49	26°50	23°13	24° 5	25°50	2°22	8°24	8°10	7° 3	23°14	13° 7	F 19
S 20	10 12 3	4°54'17	20°26	12° 4	15°59	27°37	23°27	24° 3	25°49	2°24	8°23	8° 1	7° 0	23°20	13° 4	S 20
S 21	10 15 59	5°54'01	4♉10	11°19	17° 8	28°24	23°42	24° 0	25°48	2°26	8°22	7°55	6°56	23°27	13° 2	S 21
M22	10 19 56	6°53'43	18° 1	10°30	18°18	29°11	23°56	23°58	25°46	2°28	8°21	7°51	6°53	23°34	12°59	M22
T 23	10 23 53	7°53'22	2♊ 0	9°38	19°27	29°58	24°10	23°56	25°45	2°30	8°19	7°D49	6°50	23°40	12°56	T 23
W24	10 27 49	8°52'59	16° 5	8°43	20°36	0♓45	24°25	23°53	25°43	2°32	8°18	7°49	6°47	23°47	12°52	W24
T 25	10 31 46	9°52'33	0♋15	7°48	21°45	1°32	24°39	23°51	25°42	2°35	8°17	7°R50	6°44	23°54	12°49	T 25
F 26	10 35 42	10°52'05	14°29	6°53	22°53	2°19	24°53	23°48	25°41	2°37	8°16	7°50	6°41	24° 0	12°46	F 26
S 27	10 39 39	11°51'35	28°46	5°59	24° 2	3° 6	25° 7	23°45	25°39	2°39	8°14	7°48	6°37	24° 7	12°43	S 27
S 28	10 43 35	12♓51'03	13♌ 0	5♓ 8	25♈10	3♓52	25♒21	23♎43	25♎37	2♈41	8♌13	7♋44	6♋34	24♐13	12♎39	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	16s11	18n30	3n17	10s54	0s 1	3s 2	0s31	18s10	1s 5	16s 8	0s54	7s 6	2n38	9s37	0n33	0s49	1s41	28n23	10n37	23n16	23n22	21s50	10s 8	5s 6	M 1
T 2	15 53	14 25	4 10	10 8	0n12	2 30	0 28	17 56	1 5	16 3	0 54	7 5	2 38	9 37	0 33	0 48	1 41	28 23	10 37	23 17	23 22	21 51	10 7	5 6	T 2
W 3	15 34	9 38	4 47	9 23	0 25	1 59	0 25	17 43	1 5	15 59	0 54	7 5	2 38	9 37	0 33	0 48	1 41	28 24	10 37	23 17	23 22	21 52	10 7	5 6	W 3
T 4	15 16	4 31	5 7	8 39	0 39	1 27	0 21	17 29	1 5	15 54	0 54	7 4	2 38	9 37	0 33	0 47	1 41	28 24	10 37	23 17	23 22	21 53	10 7	5 6	T 4
F 5	14 57	0s39	5 9	7 56	0 53	0 55	0 18	17 14	1 5	15 49	0 55	7 4	2 39	9 37	0 33	0 46	1 41	28 25	10 37	23 18	23 22	21 55	10 6	5 7	F 5
S 6	14 37	5 39	4 56	7 15	1 8	0 24	0 14	17 0	1 5	15 45	0 55	7 3	2 39	9 36	0 33	0 45	1 41	28 25	10 37	23 18	23 23	21 56	10 6	5 7	S 6
S 7	14 18	10 17	4 29	6 36	1 23	0n 8	0 11	16 46	1 5	15 40	0 55	7 3	2 39	9 36	0 33	0 45	1 41	28 25	10 37	23 18	23 23	21 57	10 5	5 7	S 7
M 8	13 58	14 24	3 51	5 59	1 37	0 40	0 7	16 31	1 5	15 36	0 55	7 2	2 39	9 36	0 33	0 44	1 41	28 26	10 37	23 18	23 23	21 59	10 5	5 7	M 8
T 9	13 38	17 54	3 3	5 26	1 52	1 11	0 3	16 16	1 5	15 31	0 55	7 2	2 40	9 36	0 33	0 43	1 41	28 26	10 37	23 18	23 23	22 0	10 4	5 7	T 9
W10	13 18	20 37	2 7	4 55	2 6	1 43	0n 0	16 1	1 5	15 27	0 55	7 1	2 40	9 35	0 33	0 42	1 40	28 27	10 37	23 18	23 23	22 1	10 4	5 7	W10
T 11	12 58	22 27	1 7	4 29	2 21	2 15	0 4	15 46	1 5	15 22	0 55	7 0	2 40	9 35	0 33	0 42	1 40	28 27	10 37	23 18	23 24	22 2	10 3	5 7	T 11
F 12	12 37	23 17	0 3	4 6	2 34	2 46	0 8	15 31	1 5	15 17	0 55	7 0	2 40	9 35	0 33	0 41	1 40	28 27	10 37	23 18	23 24	22 3	10 2	5 7	F 12
S 13	12 17	23 4	1s 1	3 47	2 47	3 18	0 11	15 15	1 5	15 13	0 55	6 59	2 41	9 34	0 33	0 40	1 40	28 28	10 37	23 18	23 24	22 5	10 1	5 7	S 13
S 14	11 56	21 45	2 4	3 33	2 59	3 49	0 15	14 59	1 4	15 8	0 55	6 58	2 41	9 34	0 33	0 39	1 40	28 28	10 37	23 18	23 24	22 6	10 1	5 7	S 14
M15	11 35	19 23	3 1	3 23	3 10	4 21	0 19	14 44	1 4	15 3	0 55	6 57	2 41	9 34	0 33	0 38	1 40	28 28	10 37	23 19	23 24	22 7	10 0	5 8	M15
T 16	11 13	16 3	3 51	3 17	3 19	4 52	0 23	14 28	1 4	14 59	0 55	6 56	2 41	9 33	0 33	0 38	1 40	28 29	10 37	23 19	23 24	22 8	9 59	5 8	T 16
W17	10 52	11 53	4 30	3 16	3 27	5 23	0 27	14 12	1 4	14 54	0 55	6 56	2 41	9 33	0 33	0 37	1 40	28 29	10 37	23 20	23 25	22 10	9 58	5 8	W17
T 18	10 30	7 7	4 55	3 20	3 34	5 54	0 31	13 56	1 4	14 49	0 55	6 55	2 42	9 32	0 33	0 36	1 40	28 29	10 37	23 20	23 25	22 11	9 57	5 8	T 18
F 19	10 9	1 55	5 5	3 28	3 39	6 25	0 35	13 39	1 4	14 45	0 56	6 54	2 42	9 32	0 33	0 35	1 40	28 30	10 36	23 21	23 25	22 12	9 56	5 8	F 19
S 20	9 47	3n26	4 58	3 40	3 41	6 56	0 39	13 23	1 4	14 40	0 56	6 53	2 42	9 32	0 33	0 34	1 40	28 30	10 36	23 22	23 25	22 13	9 55	5 8	S 20
S 21	9 25	8 41	4 34	3 56	3 42	7 26	0 43	13 6	1 4	14 35	0 56	6 52	2 42	9 31	0 33	0 33	1 40	28 30	10 36	23 22	23 25	22 14	9 54	5 8	S 21
M22	9 2	13 34	3 54	4 16	3 42	7 57	0 47	12 50	1 3	14 31	0 56	6 51	2 43	9 31	0 33	0 32	1 40	28 31	10 36	23 22	23 25	22 16	9 52	5 8	M22
T 23	8 40	17 47	2 59	4 38	3 39	8 27	0 51	12 33	1 3	14 26	0 56	6 50	2 43	9 30	0 33	0 32	1 40	28 31	10 36	23 22	23 26	22 17	9 51	5 8	T 23
W24	8 18	20 59	1 54	5 3	3 34	8 57	0 55	12 16	1 3	14 21	0 56	6 49	2 43	9 29	0 33	0 31	1 40	28 31	10 36	23 22	23 26	22 18	9 50	5 8	W24
T 25	7 55	22 56	0 40	5 30	3 27	9 27	0 59	11 59	1 3	14 17	0 56	6 47	2 43	9 29	0 33	0 30	1 40	28 31	10 36	23 22	23 26	22 19	9 49	5 8	T 25
F 26	7 32	23 24	0n35	5 58	3 19	9 57	1 4	11 42	1 3	14 12	0 56	6 46	2 43	9 28	0 33	0 29	1 40	28 32	10 36	23 22	23 26	22 20	9 47	5 8	F 26
S 27	7 10	22 20	1 49	6 27	3 9	10 26	1 8	11 25	1 3	14 7	0 56	6 45	2 44	9 28	0 33	0 28	1 40	28 32	10 36	23 22	23 26	22 21	9 46	5 8	S 27
S 28	6s47	19n50	2n56	6s56	2n58	10n55	1n12	11s 7	1s 2	14s 3	0s56	6s44	2n44	9s27	0n33	0s27	1s40	28n32	10n36	23n23	23n26	22s23	9s45	5s 8	S 28

Julian Day Number = 1982973.5, Delta T = 58m14s
Ecliptic obliquity = 23°36'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'13, Lahiri = 5°59'13 Julian Calendar 1 Feb. 717 == Greg. Calendar 5 Feb. 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

MARCH 717 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 47 32	13♓50'28	27♌10	4°R20	26♈18	4♓39	25♒35	23°R40	25°R36	2♈43	8°R12	7°R37	6♋31	24♐20	12°R36	M 1
T 2	10 51 28	14°49'50	11♍ 9	3♓36	27°26	5°26	25°50	23♎37	25♎34	2°45	8♌11	7♋28	6°28	24°27	12♎32	T 2
W 3	10 55 25	15°49'11	24°54	2°56	28°34	6°13	26° 4	23°34	25°32	2°47	8°10	7°17	6°25	24°33	12°28	W 3
T 4	10 59 22	16°48'30	8♎21	2°22	29°42	6°59	26°18	23°31	25°31	2°50	8° 9	7° 5	6°22	24°40	12°25	T 4
F 5	11 3 18	17°47'46	21°27	1°53	0♉49	7°46	26°32	23°28	25°29	2°52	8° 8	6°54	6°18	24°47	12°21	F 5
S 6	11 7 15	18°47'01	4♏12	1°30	1°56	8°33	26°46	23°24	25°27	2°54	8° 6	6°45	6°15	24°53	12°17	S 6
S 7	11 11 11	19°46'14	16°38	1°13	3° 3	9°19	26°59	23°21	25°25	2°56	8° 5	6°38	6°12	25° 0	12°13	S 7
M 8	11 15 8	20°45'25	28°47	1° 2	4°10	10° 6	27°13	23°18	25°23	2°58	8° 4	6°33	6° 9	25° 7	12° 9	M 8
T 9	11 19 4	21°44'34	10♐45	0°56	5°17	10°53	27°27	23°14	25°21	3° 1	8° 3	6°31	6° 6	25°13	12° 5	T 9
W10	11 23 1	22°43'41	22°35	0°D56	6°23	11°39	27°41	23°11	25°19	3° 3	8° 2	6°D30	6° 2	25°20	12° 1	W10
T 11	11 26 57	23°42'46	4♑23	1° 1	7°30	12°26	27°55	23° 7	25°17	3° 5	8° 1	6°R31	5°59	25°27	11°57	T 11
F 12	11 30 54	24°41'50	16°14	1°12	8°36	13°12	28° 8	23° 3	25°15	3° 7	8° 0	6°30	5°56	25°33	11°53	F 12
S 13	11 34 50	25°40'52	28°15	1°28	9°41	13°59	28°22	23° 0	25°13	3°10	8° 0	6°29	5°53	25°40	11°49	S 13
S 14	11 38 47	26°39'52	10♒30	1°49	10°47	14°45	28°36	22°56	25°11	3°12	7°59	6°24	5°50	25°47	11°45	S 14
M15	11 42 44	27°38'50	23° 2	2°14	11°52	15°31	28°49	22°52	25° 9	3°14	7°58	6°18	5°47	25°53	11°40	M15
T 16	11 46 40	28°37'46	5♓53	2°44	12°57	16°18	29° 3	22°48	25° 7	3°16	7°57	6° 8	5°43	26° 0	11°36	T 16
W17	11 50 37	29°36'39	19° 5	3°18	14° 2	17° 4	29°16	22°44	25° 5	3°19	7°56	5°57	5°40	26° 6	11°32	W17
T 18	11 54 33	0♈35'31	2♈36	3°56	15° 7	17°50	29°30	22°40	25° 2	3°21	7°55	5°44	5°37	26°13	11°27	T 18
F 19	11 58 30	1°34'21	16°24	4°38	16°11	18°36	29°43	22°36	25° 0	3°23	7°54	5°32	5°34	26°20	11°23	F 19
S 20	12 2 26	2°33'09	0♉24	5°24	17°15	19°23	29°56	22°32	24°58	3°26	7°54	5°21	5°31	26°26	11°19	S 20
S 21	12 6 23	3°31'55	14°32	6°13	18°19	20° 9	0♓10	22°28	24°56	3°28	7°53	5°12	5°27	26°33	11°14	S 21
M22	12 10 19	4°30'38	28°43	7° 5	19°22	20°55	0°23	22°24	24°53	3°30	7°52	5° 7	5°24	26°40	11°10	M22
T 23	12 14 16	5°29'19	12♊55	8° 0	20°25	21°41	0°36	22°20	24°51	3°32	7°52	5° 4	5°21	26°46	11° 5	T 23
W24	12 18 13	6°27'58	27° 5	8°59	21°28	22°27	0°49	22°15	24°49	3°35	7°51	5° 3	5°18	26°53	11° 1	W24
T 25	12 22 9	7°26'35	11♋11	10° 0	22°31	23°13	1° 2	22°11	24°46	3°37	7°50	5° 3	5°15	27° 0	10°56	T 25
F 26	12 26 6	8°25'09	25°13	11° 4	23°33	23°59	1°15	22° 7	24°44	3°39	7°50	5° 2	5°12	27° 6	10°52	F 26
S 27	12 30 2	9°23'41	9♌10	12°10	24°35	24°45	1°28	22° 2	24°42	3°41	7°49	5° 0	5° 8	27°13	10°47	S 27
S 28	12 33 59	10°22'11	23° 1	13°19	25°37	25°31	1°41	21°58	24°39	3°44	7°49	4°55	5° 5	27°20	10°43	S 28
M29	12 37 55	11°20'38	6♍44	14°31	26°38	26°16	1°54	21°54	24°37	3°46	7°48	4°47	5° 2	27°26	10°38	M29
T 30	12 41 52	12°19'03	20°18	15°44	27°39	27° 2	2° 6	21°49	24°34	3°48	7°48	4°37	4°59	27°33	10°34	T 30
W31	12 45 48	13♈17'27	3♎40	17♓ 0	28♉39	27♓48	2♓19	21♎45	24♎32	3♈50	7♌47	4♋25	4♋56	27♐39	10♎29	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s24	16n 9	3n51	7s26	2n45	11n24	1n16	10s50	1s 2	13s58	0s57	6s43	2n44	9s27	0n33	0s26	1s40	28n32	10n36	23n23	23n27	22s24	9s43	5s 8
T 2	6 1	11 37	4 32	7 54	2 32	11 53	1 20	10 33	1 2	13 53	0 57	6 41	2 44	9 26	0 33	0 26	1 40	28 33	10 36	23 24	23 27	22 25	9 42	5 7
W 3	5 38	6 33	4 55	8 21	2 18	12 21	1 24	10 15	1 2	13 48	0 57	6 40	2 44	9 25	0 34	0 25	1 40	28 33	10 35	23 24	23 27	22 26	9 40	5 7
T 4	5 15	1 18	5 2	8 47	2 3	12 49	1 28	9 57	1 2	13 44	0 57	6 39	2 44	9 25	0 34	0 24	1 40	28 33	10 35	23 25	23 27	22 27	9 39	5 7
F 5	4 51	3s54	4 53	9 12	1 48	13 17	1 33	9 40	1 1	13 39	0 57	6 37	2 45	9 24	0 34	0 23	1 40	28 33	10 35	23 25	23 27	22 28	9 37	5 7
S 6	4 28	8 47	4 29	9 34	1 33	13 44	1 37	9 22	1 1	13 34	0 57	6 36	2 45	9 23	0 34	0 22	1 40	28 33	10 35	23 26	23 27	22 29	9 35	5 7
S 7	4 5	13 13	3 53	9 55	1 17	14 12	1 41	9 4	1 1	13 30	0 57	6 35	2 45	9 23	0 34	0 21	1 40	28 34	10 35	23 26	23 28	22 31	9 34	5 7
M 8	3 41	17 0	3 6	10 13	1 2	14 39	1 45	8 46	1 1	13 25	0 57	6 33	2 45	9 22	0 34	0 20	1 40	28 34	10 35	23 26	23 28	22 32	9 32	5 7
T 9	3 18	20 2	2 12	10 29	0 47	15 5	1 49	8 28	1 0	13 20	0 57	6 32	2 45	9 21	0 34	0 19	1 40	28 34	10 35	23 27	23 28	22 33	9 30	5 7
W10	2 54	22 10	1 13	10 43	0 32	15 31	1 53	8 10	1 0	13 16	0 58	6 30	2 45	9 20	0 34	0 18	1 40	28 34	10 35	23 27	23 28	22 34	9 29	5 6
T 11	2 31	23 21	0 11	10 55	0 18	15 57	1 57	7 52	1 0	13 11	0 58	6 29	2 46	9 20	0 34	0 18	1 40	28 34	10 34	23 27	23 28	22 35	9 27	5 6
F 12	2 7	23 28	0s51	11 4	0 4	16 23	2 1	7 34	1 0	13 6	0 58	6 28	2 46	9 19	0 34	0 17	1 40	28 34	10 34	23 27	23 28	22 36	9 25	5 6
S 13	1 44	22 30	1 53	11 11	0s10	16 48	2 5	7 15	0 59	13 2	0 58	6 26	2 46	9 18	0 34	0 16	1 40	28 34	10 34	23 27	23 28	22 37	9 23	5 6
S 14	1 20	20 27	2 50	11 16	0 23	17 12	2 9	6 57	0 59	12 57	0 58	6 25	2 46	9 17	0 34	0 15	1 40	28 34	10 34	23 27	23 29	22 38	9 21	5 6
M15	0 57	17 24	3 40	11 18	0 36	17 37	2 13	6 39	0 59	12 52	0 58	6 23	2 46	9 17	0 34	0 14	1 40	28 35	10 34	23 27	23 29	22 39	9 19	5 5
T 16	0 33	13 26	4 20	11 18	0 47	18 1	2 17	6 20	0 58	12 48	0 58	6 21	2 46	9 16	0 34	0 13	1 40	28 35	10 34	23 28	23 29	22 40	9 18	5 5
W17	0 9	8 45	4 48	11 17	0 59	18 24	2 21	6 2	0 58	12 43	0 59	6 20	2 46	9 15	0 34	0 12	1 40	28 35	10 33	23 28	23 29	22 41	9 16	5 5
T 18	0n14	3 32	5 0	11 13	1 10	18 47	2 25	5 43	0 58	12 39	0 59	6 18	2 46	9 14	0 34	0 11	1 40	28 35	10 33	23 29	23 29	22 43	9 14	5 5
F 19	0 38	1n57	4 55	11 7	1 20	19 10	2 29	5 25	0 57	12 34	0 59	6 17	2 47	9 13	0 34	0 10	1 40	28 35	10 33	23 29	23 29	22 44	9 12	5 4
S 20	1 1	7 26	4 33	10 59	1 29	19 32	2 32	5 6	0 57	12 29	0 59	6 15	2 47	9 13	0 34	0 9	1 40	28 35	10 33	23 30	23 29	22 45	9 10	5 4
S 21	1 25	12 36	3 53	10 49	1 38	19 54	2 36	4 48	0 57	12 25	0 59	6 13	2 47	9 12	0 34	0 8	1 40	28 35	10 33	23 30	23 29	22 46	9 8	5 4
M22	1 48	17 6	2 59	10 37	1 47	20 15	2 40	4 29	0 56	12 20	0 59	6 12	2 47	9 11	0 34	0 8	1 40	28 35	10 33	23 30	23 30	22 47	9 6	5 4
T 23	2 12	20 37	1 54	10 23	1 54	20 36	2 43	4 11	0 56	12 16	0 59	6 10	2 47	9 10	0 34	0 7	1 40	28 35	10 32	23 30	23 30	22 48	9 4	5 3
W24	2 35	22 52	0 42	10 8	2 2	20 56	2 47	3 52	0 56	12 11	1 0	6 9	2 47	9 9	0 34	0 6	1 40	28 35	10 32	23 30	23 30	22 49	9 1	5 3
T 25	2 58	23 40	0n32	9 51	2 8	21 16	2 50	3 34	0 55	12 7	1 0	6 7	2 47	9 8	0 34	0 5	1 40	28 35	10 32	23 30	23 30	22 50	8 59	5 3
F 26	3 22	22 57	1 45	9 32	2 14	21 35	2 54	3 15	0 55	12 2	1 0	6 5	2 47	9 7	0 34	0 4	1 40	28 35	10 32	23 30	23 30	22 51	8 57	5 2
S 27	3 45	20 49	2 50	9 11	2 19	21 54	2 57	2 56	0 55	11 58	1 0	6 4	2 47	9 6	0 34	0 3	1 40	28 35	10 32	23 31	23 30	22 52	8 55	5 2
S 28	4 8	17 28	3 45	8 49	2 24	22 13	3 0	2 38	0 54	11 53	1 0	6 2	2 47	9 6	0 34	0 2	1 40	28 35	10 31	23 31	23 30	22 53	8 53	5 2
M29	4 31	13 12	4 26	8 25	2 28	22 31	3 4	2 19	0 54	11 49	1 0	6 0	2 47	9 5	0 34	0 1	1 40	28 35	10 31	23 31	23 31	22 54	8 51	5 1
T 30	4 54	8 19	4 51	7 59	2 32	22 48	3 7	2 0	0 54	11 44	1 0	5 58	2 47	9 4	0 34	0 0	1 40	28 35	10 31	23 31	23 31	22 55	8 49	5 1
W31	5n17	3n 7	5n 1	7s32	2s35	23n 5	3n10	1s42	0s53	11s40	1s 1	5s57	2n47	9s 3	0n34	0n 0	1s40	28n35	10n31	23n32	23n31	22s56	8s47	5s 0

Julian Day Number = 1983001.5, Delta T = 58m13s
Ecliptic obliquity = 23°36'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'17, Lahiri = 5°59'17 Julian Calendar 1 March 717 == Greg. Calendar 5 March 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

APRIL 717 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 49 45	14♈15'48	16♎48	18♓18	29♉39	28♓33	2♓32	21°R40	24°R29	3♈53	7°R47	4°R13	4♋53	27♐46	10°R25	T 1
F 2	12 53 41	15°14'07	29°40	19°39	0♊39	29°19	2°44	21♎36	24♎27	3°55	7♏46	4♋ 0	4°49	27°53	10♎20	F 2
S 3	12 57 38	16°12'25	12♏15	21° 1	1°38	0♈ 5	2°57	21°31	24°24	3°57	7°46	3°50	4°46	27°59	10°16	S 3
S 4	13 1 35	17°10'41	24°35	22°25	2°37	0°50	3° 9	21°27	24°22	3°59	7°46	3°42	4°43	28° 6	10°11	S 4
M 5	13 5 31	18° 8'55	6♐41	23°52	3°35	1°36	3°21	21°22	24°19	4° 1	7°45	3°36	4°40	28°13	10° 7	M 5
T 6	13 9 28	19° 7'08	18°37	25°20	4°33	2°21	3°33	21°18	24°17	4° 4	7°45	3°33	4°37	28°19	10° 2	T 6
W 7	13 13 24	20° 5'19	0♑27	26°50	5°31	3° 6	3°46	21°13	24°14	4° 6	7°45	3°D32	4°33	28°26	9°58	W 7
T 8	13 17 21	21° 3'28	12°15	28°23	6°28	3°52	3°58	21° 9	24°12	4° 8	7°44	3°33	4°30	28°33	9°54	T 8
F 9	13 21 17	22° 1'36	24° 7	29°57	7°24	4°37	4°10	21° 4	24° 9	4°10	7°44	3°R33	4°27	28°39	9°49	F 9
S 10	13 25 14	22°59'43	6♒ 8	1♈33	8°20	5°22	4°21	21° 0	24° 7	4°12	7°44	3°32	4°24	28°46	9°45	S 10
S 11	13 29 10	23°57'48	18°24	3°11	9°16	6° 7	4°33	20°55	24° 4	4°15	7°44	3°29	4°21	28°53	9°41	S 11
M12	13 33 7	24°55'51	1♓ 0	4°51	10°11	6°53	4°45	20°51	24° 2	4°17	7°44	3°24	4°18	28°59	9°36	M12
T 13	13 37 4	25°53'53	13°58	6°32	11° 5	7°38	4°57	20°46	23°59	4°19	7°44	3°17	4°14	29° 6	9°32	T 13
W14	13 41 0	26°51'54	27°20	8°16	11°59	8°23	5° 8	20°42	23°57	4°21	7°43	3° 8	4°11	29°13	9°28	W14
T 15	13 44 57	27°49'53	11♈ 6	10° 2	12°52	9° 8	5°20	20°37	23°54	4°23	7°43	2°57	4° 8	29°19	9°24	T 15
F 16	13 48 53	28°47'50	25°14	11°49	13°45	9°53	5°31	20°33	23°51	4°25	7°D43	2°47	4° 5	29°26	9°20	F 16
S 17	13 52 50	29°45'46	9♉37	13°38	14°37	10°37	5°42	20°28	23°49	4°27	7°43	2°38	4° 2	29°32	9°16	S 17
S 18	13 56 46	0♉43'40	24°11	15°30	15°28	11°22	5°53	20°24	23°46	4°29	7°43	2°31	3°58	29°39	9°12	S 18
M19	14 0 43	1°41'33	8♊47	17°23	16°19	12° 7	6° 4	20°20	23°44	4°32	7°44	2°26	3°55	29°46	9° 8	M19
T 20	14 4 39	2°39'24	23°21	19°18	17° 9	12°52	6°15	20°15	23°41	4°34	7°44	2°24	3°52	29°52	9° 4	T 20
W21	14 8 36	3°37'13	7♋46	21°15	17°58	13°37	6°26	20°11	23°39	4°36	7°44	2°D24	3°49	29°59	9° 0	W21
T 22	14 12 33	4°35'00	22° 1	23°13	18°47	14°21	6°37	20° 7	23°36	4°38	7°44	2°25	3°46	0♑ 6	8°56	T 22
F 23	14 16 29	5°32'46	6♌ 4	25°14	19°34	15° 6	6°48	20° 2	23°34	4°40	7°44	2°R25	3°43	0°12	8°53	F 23
S 24	14 20 26	6°30'29	19°53	27°16	20°21	15°50	6°58	19°58	23°32	4°42	7°44	2°24	3°39	0°19	8°49	S 24
S 25	14 24 22	7°28'11	3♍30	29°20	21° 7	16°35	7° 9	19°54	23°29	4°44	7°45	2°22	3°36	0°26	8°45	S 25
M26	14 28 19	8°25'52	16°54	1♉26	21°52	17°19	7°19	19°50	23°27	4°46	7°45	2°17	3°33	0°32	8°42	M26
T 27	14 32 15	9°23'30	0♎ 6	3°33	22°36	18° 3	7°29	19°46	23°24	4°48	7°45	2° 9	3°30	0°39	8°38	T 27
W28	14 36 12	10°21'07	13° 5	5°41	23°19	18°48	7°40	19°41	23°22	4°50	7°45	2° 1	3°27	0°46	8°35	W28
T 29	14 40 8	11°18'43	25°51	7°50	24° 1	19°32	7°50	19°37	23°20	4°51	7°46	1°52	3°24	0°52	8°32	T 29
F 30	14 44 5	12♉16'17	8♏24	10♉ 0	24♊42	20♈16	8♓ 0	19♎33	23♎17	4♈53	7♏46	1♋43	3♋20	0♑59	8♎29	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n40	2s 8	4n54	7s 4	2s37	23n21	3n13	1s23	0s53	11s35	1s 1	5s55	2n47	9s 2	0n34	0n 1	1s40	28n35	10n31	23n32	23n31	22s57	8s44	5s 0
F 2	6 2	7 12	4 32	6 34	2 39	23 37	3 16	1 4	0 52	11 31	1 1	5 53	2 47	9 1	0 34	0 2	1 40	28 34	10 30	23 33	23 31	22 58	8 42	5 0
S 3	6 25	11 52	3 57	6 2	2 40	23 52	3 18	0 46	0 52	11 27	1 1	5 52	2 47	9 0	0 34	0 3	1 40	28 34	10 30	23 33	23 31	22 59	8 40	4 59
S 4	6 48	15 58	3 11	5 29	2 41	24 7	3 21	0 27	0 52	11 22	1 1	5 50	2 47	8 59	0 34	0 4	1 40	28 34	10 30	23 33	23 31	23 0	8 38	4 59
M 5	7 10	19 19	2 17	4 55	2 41	24 21	3 24	0 9	0 51	11 18	1 2	5 48	2 48	8 58	0 34	0 5	1 40	28 34	10 30	23 33	23 31	23 1	8 36	4 58
T 6	7 32	21 49	1 18	4 19	2 41	24 34	3 26	0n10	0 51	11 14	1 2	5 47	2 48	8 57	0 34	0 6	1 40	28 34	10 29	23 33	23 31	23 2	8 34	4 58
W 7	7 54	23 20	0 16	3 42	2 40	24 47	3 28	0 28	0 50	11 9	1 2	5 45	2 48	8 56	0 34	0 7	1 40	28 34	10 29	23 33	23 32	23 3	8 31	4 57
T 8	8 16	23 48	0s46	3 4	2 38	25 0	3 31	0 47	0 50	11 5	1 2	5 43	2 48	8 55	0 34	0 7	1 40	28 34	10 29	23 33	23 32	23 4	8 29	4 57
F 9	8 38	23 12	1 47	2 24	2 36	25 12	3 33	1 5	0 49	11 1	1 2	5 42	2 47	8 55	0 34	0 8	1 40	28 34	10 29	23 33	23 32	23 5	8 27	4 56
S 10	9 0	21 31	2 44	1 43	2 33	25 23	3 35	1 24	0 49	10 57	1 2	5 40	2 47	8 54	0 34	0 9	1 40	28 33	10 29	23 33	23 32	23 6	8 25	4 56
S 11	9 22	18 49	3 35	1 1	2 30	25 34	3 37	1 42	0 49	10 53	1 3	5 38	2 47	8 53	0 34	0 10	1 40	28 33	10 28	23 34	23 32	23 7	8 23	4 55
M12	9 43	15 11	4 17	0 18	2 27	25 44	3 38	2 1	0 48	10 49	1 3	5 36	2 47	8 52	0 34	0 11	1 40	28 33	10 28	23 34	23 32	23 7	8 20	4 55
T 13	10 4	10 45	4 47	0n26	2 22	25 53	3 40	2 19	0 48	10 44	1 3	5 35	2 47	8 51	0 34	0 12	1 40	28 33	10 28	23 34	23 32	23 8	8 18	4 54
W14	10 25	5 41	5 2	1 12	2 17	26 2	3 42	2 37	0 47	10 40	1 3	5 33	2 47	8 50	0 34	0 12	1 40	28 33	10 28	23 34	23 32	23 9	8 16	4 54
T 15	10 46	0 11	5 0	1 59	2 12	26 11	3 43	2 56	0 47	10 36	1 3	5 32	2 47	8 49	0 34	0 13	1 40	28 32	10 27	23 34	23 32	23 10	8 14	4 53
F 16	11 7	5n28	4 41	2 46	2 6	26 19	3 44	3 14	0 46	10 32	1 4	5 30	2 47	8 48	0 34	0 14	1 40	28 32	10 27	23 35	23 32	23 11	8 12	4 52
S 17	11 28	10 57	4 3	3 35	2 0	26 26	3 45	3 32	0 46	10 28	1 4	5 28	2 47	8 47	0 34	0 15	1 40	28 32	10 27	23 35	23 33	23 12	8 10	4 52
S 18	11 48	15 53	3 9	4 24	1 53	26 33	3 46	3 50	0 45	10 24	1 4	5 27	2 47	8 46	0 34	0 16	1 40	28 32	10 27	23 35	23 33	23 13	8 7	4 51
M19	12 9	19 54	2 3	5 15	1 46	26 39	3 47	4 8	0 45	10 20	1 4	5 25	2 47	8 45	0 34	0 17	1 40	28 32	10 27	23 35	23 33	23 14	8 5	4 51
T 20	12 29	22 38	0 48	6 6	1 38	26 45	3 47	4 26	0 44	10 16	1 4	5 23	2 47	8 44	0 34	0 17	1 40	28 31	10 26	23 35	23 33	23 15	8 3	4 50
W21	12 49	23 51	0n29	6 58	1 30	26 50	3 48	4 44	0 44	10 13	1 5	5 22	2 47	8 43	0 34	0 18	1 41	28 31	10 26	23 35	23 33	23 16	8 1	4 49
T 22	13 8	23 29	1 43	7 50	1 21	26 55	3 48	5 2	0 43	10 9	1 5	5 20	2 47	8 43	0 34	0 19	1 41	28 31	10 26	23 35	23 33	23 16	7 59	4 49
F 23	13 28	21 38	2 50	8 43	1 12	26 59	3 48	5 20	0 43	10 5	1 5	5 19	2 47	8 42	0 34	0 20	1 41	28 30	10 26	23 35	23 33	23 17	7 57	4 48
S 24	13 47	18 32	3 46	9 36	1 2	27 2	3 48	5 37	0 42	10 1	1 5	5 17	2 47	8 41	0 34	0 20	1 41	28 30	10 25	23 35	23 33	23 18	7 55	4 48
S 25	14 6	14 27	4 29	10 30	0 53	27 5	3 47	5 55	0 42	9 58	1 5	5 16	2 47	8 40	0 33	0 21	1 41	28 30	10 25	23 35	23 33	23 19	7 53	4 47
M26	14 25	9 44	4 55	11 23	0 43	27 8	3 47	6 13	0 41	9 54	1 6	5 14	2 46	8 39	0 33	0 22	1 41	28 30	10 25	23 35	23 33	23 20	7 51	4 46
T 27	14 43	4 38	5 6	12 17	0 32	27 10	3 46	6 30	0 41	9 50	1 6	5 13	2 46	8 38	0 33	0 23	1 41	28 29	10 25	23 35	23 33	23 21	7 49	4 46
W28	15 2	0s35	5 1	13 10	0 22	27 11	3 45	6 48	0 40	9 47	1 6	5 11	2 46	8 37	0 33	0 23	1 41	28 29	10 24	23 35	23 34	23 22	7 47	4 45
T 29	15 20	5 42	4 40	14 2	0 11	27 12	3 44	7 5	0 40	9 43	1 6	5 10	2 46	8 36	0 33	0 24	1 41	28 29	10 24	23 35	23 34	23 22	7 45	4 44
F 30	15n38	10s31	4n 6	14n54	0s 1	27n12	3n43	7n22	0s39	9s40	1s 7	5s 9	2n46	8s35	0n33	0n25	1s41	28n28	10n24	23n36	23n34	23s23	7s43	4s43

Julian Day Number = 1983032.5, Delta T = 58m13s
Ecliptic obliquity = 23°36'18, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'21, Lahiri = 5°59'22 Julian Calendar 1 Apr. 717 == Greg. Calendar 5 Apr. 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

MAY 717 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 48 2	13♉13'50	20♏45	12♉11	25♊22	21♈ 0	8♓ 9	19°R29	23°R15	4♈55	7♎47	1°R36	3♋17	1♑ 5	8°R25	S 1
S 2	14 51 58	14°11'22	2♐55	14°23	26° 1	21°44	8°19	19♎26	23♎13	4°57	7°47	1♋30	3°14	1°12	8♎22	S 2
M 3	14 55 55	15° 8'53	14°55	16°34	26°39	22°28	8°29	19°22	23°10	4°59	7°48	1°27	3°11	1°19	8°19	M 3
T 4	14 59 51	16° 6'23	26°47	18°46	27°16	23°12	8°38	19°18	23° 8	5° 1	7°48	1°D25	3° 8	1°25	8°16	T 4
W 5	15 3 48	17° 3'51	8♑35	20°57	27°51	23°56	8°47	19°14	23° 6	5° 3	7°49	1°25	3° 4	1°32	8°14	W 5
T 6	15 7 44	18° 1'19	20°23	23° 8	28°25	24°40	8°57	19°10	23° 3	5° 4	7°49	1°27	3° 1	1°39	8°11	T 6
F 7	15 11 41	18°58'46	2♒15	25°18	28°57	25°24	9° 6	19° 7	23° 1	5° 6	7°50	1°28	2°58	1°45	8° 8	F 7
S 8	15 15 37	19°56'12	14°16	27°26	29°29	26° 8	9°15	19° 3	22°59	5° 8	7°50	1°R29	2°55	1°52	8° 5	S 8
S 9	15 19 34	20°53'38	26°31	29°34	29°58	26°51	9°23	19° 0	22°57	5°10	7°51	1°29	2°52	1°59	8° 3	S 9
M10	15 23 31	21°51'02	9♓ 6	1♊39	0♋26	27°35	9°32	18°56	22°55	5°11	7°52	1°28	2°49	2° 5	8° 1	M10
T 11	15 27 27	22°48'26	22° 4	3°43	0°53	28°19	9°41	18°53	22°53	5°13	7°52	1°25	2°45	2°12	7°58	T 11
W12	15 31 24	23°45'49	5♈27	5°45	1°18	29° 2	9°49	18°50	22°51	5°15	7°53	1°20	2°42	2°19	7°56	W12
T 13	15 35 20	24°43'11	19°18	7°45	1°42	29°46	9°58	18°46	22°49	5°16	7°54	1°15	2°39	2°25	7°54	T 13
F 14	15 39 17	25°40'33	3♉34	9°43	2° 3	0♉29	10° 6	18°43	22°47	5°18	7°55	1° 9	2°36	2°32	7°52	F 14
S 15	15 43 13	26°37'54	18°11	11°39	2°23	1°12	10°14	18°40	22°45	5°19	7°55	1° 5	2°33	2°39	7°50	S 15
S 16	15 47 10	27°35'14	3♊ 2	13°32	2°41	1°56	10°22	18°37	22°43	5°21	7°56	1° 1	2°30	2°45	7°48	S 16
M17	15 51 6	28°32'34	17°59	15°22	2°58	2°39	10°29	18°34	22°41	5°22	7°57	0°59	2°26	2°52	7°46	M17
T 18	15 55 3	29°29'53	2♋55	17°11	3°12	3°22	10°37	18°31	22°39	5°24	7°58	0°D58	2°23	2°58	7°44	T 18
W19	15 59 0	0♊27'10	17°41	18°57	3°24	4° 5	10°44	18°28	22°37	5°25	7°59	0°59	2°20	3° 5	7°43	W19
T 20	16 2 56	1°24'27	2♌13	20°40	3°34	4°48	10°52	18°26	22°35	5°27	8° 0	1° 0	2°17	3°12	7°41	T 20
F 21	16 6 53	2°21'43	16°26	22°21	3°42	5°31	10°59	18°23	22°34	5°28	8° 1	1° 2	2°14	3°18	7°40	F 21
S 22	16 10 49	3°18'58	0♍19	23°59	3°48	6°14	11° 6	18°21	22°32	5°30	8° 2	1°R 2	2°10	3°25	7°39	S 22
S 23	16 14 46	4°16'11	13°52	25°34	3°51	6°57	11°13	18°18	22°30	5°31	8° 3	1° 2	2° 7	3°32	7°38	S 23
M24	16 18 42	5°13'24	27° 6	27° 7	3°R52	7°40	11°20	18°16	22°29	5°32	8° 4	1° 1	2° 4	3°38	7°37	M24
T 25	16 22 39	6°10'36	10♎ 4	28°38	3°51	8°23	11°26	18°13	22°27	5°34	8° 5	0°58	2° 1	3°45	7°36	T 25
W26	16 26 35	7° 7'48	22°46	0♋ 5	3°47	9° 5	11°33	18°11	22°25	5°35	8° 6	0°55	1°58	3°52	7°35	W26
T 27	16 30 32	8° 4'58	5♏14	1°30	3°41	9°48	11°39	18° 9	22°24	5°36	8° 7	0°51	1°55	3°58	7°34	T 27
F 28	16 34 29	9° 2'08	17°32	2°53	3°33	10°31	11°45	18° 7	22°22	5°38	8° 8	0°48	1°51	4° 5	7°33	F 28
S 29	16 38 25	9°59'18	29°39	4°12	3°22	11°13	11°51	18° 5	22°21	5°39	8° 9	0°45	1°48	4°12	7°33	S 29
S 30	16 42 22	10°56'27	11♐38	5°29	3° 9	11°56	11°57	18° 3	22°20	5°40	8°10	0°43	1°45	4°18	7°32	S 30
M31	16 46 18	11♊53'36	23♐31	6♋43	2♋53	12♉38	12♓ 2	18♎ 1	22♎18	5♈41	8♌12	0♋42	1♋42	4♑25	7♎32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15n55	14s50	3n22	15n45	0n10	27n12	3n41	7n39	0s39	9s36	1s 7	5s 7	2n46	8s35	0n33	0n26	1s41	28n28	10n24	23n36	23n34	23s24	7s41	4s43	S 1
S 2	16 12	18 28	2 28	16 35	0 20	27 12	3 39	7 56	0 38	9 33	1 7	5 6	2 46	8 34	0 33	0 26	1 41	28 28	10 24	23 36	23 34	23 25	7 39	4 42	S 2
M 3	16 30	21 17	1 28	17 24	0 31	27 10	3 37	8 13	0 38	9 29	1 7	5 5	2 46	8 33	0 33	0 27	1 41	28 27	10 23	23 36	23 34	23 26	7 37	4 41	M 3
T 4	16 46	23 9	0 25	18 11	0 41	27 9	3 34	8 30	0 37	9 26	1 8	5 3	2 45	8 32	0 33	0 28	1 41	28 27	10 23	23 36	23 34	23 27	7 36	4 41	T 4
W 5	17 3	23 58	0s39	18 56	0 50	27 7	3 32	8 47	0 37	9 23	1 8	5 2	2 45	8 31	0 33	0 28	1 41	28 27	10 23	23 36	23 34	23 27	7 34	4 40	W 5
T 6	17 19	23 43	1 41	19 39	1 0	27 4	3 29	9 4	0 36	9 19	1 8	5 1	2 45	8 30	0 33	0 29	1 41	28 26	10 23	23 36	23 34	23 28	7 32	4 39	T 6
F 7	17 35	22 23	2 40	20 20	1 9	27 1	3 25	9 20	0 35	9 16	1 8	5 0	2 45	8 30	0 33	0 30	1 41	28 26	10 22	23 36	23 34	23 29	7 30	4 38	F 7
S 8	17 51	20 2	3 32	20 59	1 17	26 58	3 22	9 37	0 35	9 13	1 9	4 58	2 45	8 29	0 33	0 30	1 41	28 26	10 22	23 36	23 34	23 30	7 29	4 38	S 8
S 9	18 6	16 45	4 15	21 35	1 25	26 54	3 18	9 53	0 34	9 10	1 9	4 57	2 45	8 28	0 33	0 31	1 41	28 25	10 22	23 36	23 34	23 31	7 27	4 37	S 9
M10	18 21	12 39	4 48	22 9	1 33	26 50	3 14	10 10	0 34	9 7	1 9	4 56	2 44	8 27	0 33	0 32	1 41	28 25	10 22	23 36	23 34	23 31	7 25	4 36	M10
T 11	18 36	7 52	5 7	22 40	1 39	26 45	3 9	10 26	0 33	9 4	1 9	4 55	2 44	8 27	0 33	0 32	1 41	28 24	10 22	23 36	23 35	23 32	7 24	4 35	T 11
W12	18 51	2 34	5 10	23 9	1 45	26 40	3 4	10 42	0 33	9 1	1 10	4 54	2 44	8 26	0 33	0 33	1 41	28 24	10 21	23 36	23 35	23 33	7 22	4 35	W12
T 13	19 5	3n 2	4 56	23 34	1 51	26 35	2 59	10 58	0 32	8 58	1 10	4 53	2 44	8 25	0 33	0 33	1 41	28 24	10 21	23 36	23 35	23 34	7 20	4 34	T 13
F 14	19 19	8 40	4 23	23 58	1 55	26 29	2 54	11 14	0 31	8 55	1 10	4 52	2 44	8 24	0 33	0 34	1 41	28 23	10 21	23 36	23 35	23 34	7 19	4 33	F 14
S 15	19 32	13 57	3 33	24 18	1 59	26 23	2 48	11 30	0 31	8 52	1 10	4 51	2 43	8 24	0 33	0 35	1 41	28 23	10 21	23 36	23 35	23 35	7 17	4 32	S 15
S 16	19 45	18 30	2 27	24 36	2 2	26 16	2 41	11 45	0 30	8 49	1 11	4 50	2 43	8 23	0 33	0 35	1 42	28 22	10 20	23 36	23 35	23 36	7 16	4 32	S 16
M17	19 58	21 53	1 11	24 52	2 5	26 9	2 35	12 1	0 30	8 47	1 11	4 49	2 43	8 22	0 33	0 36	1 42	28 22	10 20	23 36	23 35	23 37	7 15	4 31	M17
T 18	20 11	23 45	0n11	25 5	2 7	26 2	2 28	12 16	0 29	8 44	1 11	4 48	2 43	8 22	0 33	0 36	1 42	28 21	10 20	23 36	23 35	23 37	7 13	4 30	T 18
W19	20 23	23 55	1 30	25 15	2 7	25 54	2 20	12 31	0 28	8 41	1 11	4 47	2 43	8 21	0 33	0 37	1 42	28 21	10 20	23 36	23 35	23 38	7 12	4 29	W19
T 20	20 35	22 27	2 43	25 24	2 8	25 46	2 13	12 47	0 28	8 39	1 12	4 46	2 42	8 20	0 33	0 37	1 42	28 20	10 20	23 36	23 35	23 39	7 10	4 28	T 20
F 21	20 47	19 35	3 44	25 30	2 7	25 37	2 4	13 2	0 27	8 36	1 12	4 45	2 42	8 20	0 33	0 38	1 42	28 20	10 19	23 36	23 35	23 40	7 9	4 28	F 21
S 22	20 58	15 39	4 30	25 34	2 6	25 29	1 56	13 16	0 27	8 34	1 12	4 45	2 42	8 19	0 33	0 39	1 42	28 20	10 19	23 36	23 35	23 40	7 8	4 27	S 22
S 23	21 9	11 0	5 0	25 36	2 4	25 19	1 47	13 31	0 26	8 32	1 13	4 44	2 42	8 18	0 33	0 39	1 42	28 19	10 19	23 36	23 35	23 41	7 7	4 26	S 23
M24	21 19	5 57	5 13	25 36	2 1	25 10	1 37	13 46	0 25	8 29	1 13	4 43	2 42	8 18	0 33	0 39	1 42	28 19	10 19	23 36	23 35	23 42	7 6	4 25	M24
T 25	21 29	0 44	5 10	25 34	1 58	25 0	1 27	14 0	0 25	8 27	1 13	4 43	2 41	8 17	0 33	0 40	1 42	28 18	10 19	23 36	23 35	23 42	7 4	4 24	T 25
W26	21 39	4s24	4 52	25 30	1 54	24 50	1 17	14 15	0 24	8 25	1 13	4 42	2 41	8 17	0 33	0 40	1 42	28 18	10 18	23 36	23 35	23 43	7 3	4 24	W26
T 27	21 48	9 17	4 20	25 25	1 49	24 39	1 6	14 29	0 23	8 23	1 14	4 41	2 41	8 16	0 33	0 41	1 42	28 17	10 18	23 36	23 35	23 44	7 2	4 23	T 27
F 28	21 57	13 43	3 36	25 18	1 44	24 28	0 55	14 43	0 23	8 21	1 14	4 41	2 41	8 16	0 33	0 41	1 42	28 17	10 18	23 36	23 35	23 44	7 1	4 22	F 28
S 29	22 6	17 34	2 43	25 10	1 37	24 17	0 43	14 57	0 22	8 19	1 14	4 40	2 40	8 15	0 33	0 42	1 42	28 16	10 18	23 36	23 36	23 45	7 0	4 21	S 29
S 30	22 14	20 38	1 43	25 0	1 31	24 5	0 31	15 11	0 22	8 17	1 15	4 40	2 40	8 15	0 33	0 42	1 42	28 16	10 18	23 36	23 36	23 46	6 59	4 20	S 30
M31	22n22	22s47	0n40	24n49	1n23	23n54	0n19	15n24	0s21	8s15	1s15	4s39	2n40	8s14	0n33	0n43	1s42	28n15	10n18	23n36	23n36	23s46	6s59	4s20	M31

Julian Day Number = 1983062.5, Delta T = 58m12s
Ecliptic obliquity = 23°36'18, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'25, Lahiri = 5°59'26 Julian Calendar 1 May 717 == Greg. Calendar 5 May 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

JUNE 717 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 50 15	12♊50'45	5♉19	7♋55	2°R35	13♉20	12♓ 8	18°R 0	22°R17	5♈42	8♌13	0°D42	1♋39	4♉31	7°R32	T 1
W 2	16 54 11	13°47'54	17° 7	9° 3	2♋15	14° 3	12°13	17♎58	22♎16	5°43	8°14	0♋42	1°36	4°38	7♎32	W 2
T 3	16 58 8	14°45'02	28°56	10° 8	1°53	14°45	12°18	17°57	22°14	5°45	8°15	0°44	1°32	4°45	7°D32	T 3
F 4	17 2 5	15°42'10	10♒49	11°10	1°28	15°27	12°23	17°55	22°13	5°46	8°17	0°45	1°29	4°51	7°32	F 4
S 5	17 6 1	16°39'19	22°52	12° 9	1° 2	16° 9	12°28	17°54	22°12	5°47	8°18	0°46	1°26	4°58	7°32	S 5
S 6	17 9 58	17°36'27	5♓ 8	13° 5	0°33	16°51	12°32	17°53	22°11	5°48	8°19	0°47	1°23	5° 5	7°32	S 6
M 7	17 13 54	18°33'35	17°41	13°57	0° 3	17°33	12°37	17°52	22°10	5°49	8°21	0°R47	1°20	5°11	7°32	M 7
T 8	17 17 51	19°30'44	0♈35	14°46	29♊31	18°15	12°41	17°51	22° 9	5°49	8°22	0°47	1°16	5°18	7°33	T 8
W 9	17 21 47	20°27'53	13°54	15°31	28°58	18°57	12°45	17°50	22° 8	5°50	8°23	0°46	1°13	5°25	7°34	W 9
T 10	17 25 44	21°25'02	27°40	16°12	28°24	19°39	12°49	17°49	22° 7	5°51	8°25	0°45	1°10	5°31	7°34	T 10
F 11	17 29 40	22°22'12	11♉52	16°50	27°48	20°21	12°53	17°48	22° 6	5°52	8°26	0°44	1° 7	5°38	7°35	F 11
S 12	17 33 37	23°19'21	26°29	17°24	27°12	21° 2	12°56	17°47	22° 5	5°53	8°28	0°44	1° 4	5°45	7°36	S 12
S 13	17 37 34	24°16'31	11♊24	17°53	26°35	21°44	13° 0	17°47	22° 5	5°54	8°29	0°43	1° 1	5°51	7°37	S 13
M14	17 41 30	25°13'42	26°31	18°19	25°58	22°26	13° 3	17°46	22° 4	5°54	8°31	0°D43	0°57	5°58	7°38	M14
T 15	17 45 27	26°10'52	11♋41	18°40	25°20	23° 7	13° 6	17°46	22° 3	5°55	8°32	0°43	0°54	6° 5	7°39	T 15
W16	17 49 23	27° 8'03	26°44	18°56	24°43	23°49	13° 9	17°46	22° 3	5°56	8°34	0°43	0°51	6°11	7°41	W16
T 17	17 53 20	28° 5'13	11♌32	19° 8	24° 6	24°30	13°11	17°46	22° 2	5°56	8°35	0°43	0°48	6°18	7°42	T 17
F 18	17 57 16	29° 2'24	25°59	19°15	23°30	25°11	13°14	17°D46	22° 2	5°57	8°37	0°44	0°45	6°24	7°44	F 18
S 19	18 1 13	29°59'34	10♍ 2	19°R18	22°54	25°53	13°16	17°46	22° 1	5°58	8°38	0°44	0°42	6°31	7°45	S 19
S 20	18 5 9	0♋56'45	23°40	19°15	22°19	26°34	13°18	17°46	22° 1	5°58	8°40	0°44	0°38	6°38	7°47	S 20
M21	18 9 6	1°53'55	6♎54	19° 8	21°46	27°15	13°20	17°46	22° 0	5°59	8°41	0°44	0°35	6°44	7°49	M21
T 22	18 13 3	2°51'06	19°46	18°57	21°14	27°56	13°22	17°46	22° 0	5°59	8°43	0°44	0°32	6°51	7°51	T 22
W23	18 16 59	3°48'17	2♏19	18°40	20°44	28°37	13°23	17°47	22° 0	6° 0	8°45	0°44	0°29	6°58	7°53	W23
T 24	18 20 56	4°45'28	14°36	18°19	20°15	29°18	13°24	17°47	22° 0	6° 0	8°46	0°44	0°26	7° 4	7°55	T 24
F 25	18 24 52	5°42'39	26°42	17°54	19°48	29°59	13°25	17°48	22° 0	6° 0	8°48	0°45	0°22	7°11	7°58	F 25
S 26	18 28 49	6°39'51	8♐39	17°25	19°24	0♊40	13°26	17°49	21°59	6° 1	8°50	0°45	0°19	7°18	8° 0	S 26
S 27	18 32 45	7°37'03	20°31	16°52	19° 1	1°20	13°27	17°49	21°D59	6° 1	8°51	0°46	0°16	7°24	8° 2	S 27
M28	18 36 42	8°34'15	2♑19	16°16	18°41	2° 1	13°27	17°50	21°59	6° 1	8°53	0°R46	0°13	7°31	8° 5	M28
T 29	18 40 38	9°31'29	14° 7	15°37	18°22	2°42	13°28	17°51	22° 0	6° 2	8°55	0°46	0°10	7°38	8° 8	T 29
W30	18 44 35	10♋28'43	25♑56	14♋57	18♊ 7	3♊22	13°R28	17♎52	22♎ 0	6♈ 2	8♌57	0♋45	0♋ 7	7♑44	8♎11	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n30	23s55	0s26	24n37	1n15	23n41	0n 7	15n38	0s20	8s13	1s15	4s39	2n40	8s14	0n33	0n43	1s42	28n15	10n17	23n36	23n36	23s47	6s58	4s19
W 2	22 37	23 59	1 30	24 24	1 7	23 29	0s 6	15 51	0 20	8 11	1 15	4 38	2 39	8 13	0 33	0 43	1 42	28 14	10 17	23 36	23 36	23 48	6 57	4 18
T 3	22 44	22 58	2 30	24 10	0 57	23 16	0 20	16 4	0 19	8 9	1 16	4 38	2 39	8 13	0 33	0 44	1 42	28 14	10 17	23 36	23 36	23 48	6 56	4 17
F 4	22 50	20 55	3 24	23 55	0 48	23 3	0 33	16 17	0 18	8 8	1 16	4 38	2 39	8 12	0 33	0 44	1 43	28 13	10 17	23 36	23 36	23 49	6 55	4 16
S 5	22 56	17 56	4 11	23 40	0 37	22 49	0 47	16 30	0 18	8 6	1 16	4 38	2 39	8 12	0 32	0 44	1 43	28 13	10 17	23 36	23 36	23 50	6 55	4 15
S 6	23 1	14 7	4 46	23 24	0 26	22 35	1 1	16 43	0 17	8 5	1 17	4 37	2 38	8 12	0 32	0 45	1 43	28 12	10 17	23 36	23 36	23 50	6 54	4 15
M 7	23 6	9 38	5 9	23 7	0 15	22 21	1 15	16 56	0 16	8 3	1 17	4 37	2 38	8 11	0 32	0 45	1 43	28 12	10 16	23 36	23 36	23 51	6 53	4 14
T 8	23 11	4 36	5 17	22 50	0 3	22 7	1 29	17 8	0 16	8 2	1 17	4 37	2 38	8 11	0 32	0 45	1 43	28 11	10 16	23 36	23 36	23 52	6 53	4 13
W 9	23 16	0n47	5 9	22 32	0s10	21 53	1 43	17 20	0 15	8 1	1 18	4 37	2 38	8 11	0 32	0 46	1 43	28 11	10 16	23 36	23 36	23 52	6 52	4 12
T 10	23 19	6 19	4 43	22 14	0 23	21 38	1 57	17 32	0 14	7 59	1 18	4 37	2 37	8 10	0 32	0 46	1 43	28 10	10 16	23 36	23 36	23 53	6 52	4 11
F 11	23 23	11 42	3 59	21 57	0 36	21 24	2 11	17 44	0 14	7 58	1 18	4 37	2 37	8 10	0 32	0 46	1 43	28 9	10 16	23 36	23 36	23 53	6 52	4 10
S 12	23 26	16 36	2 59	21 39	0 50	21 9	2 25	17 56	0 13	7 57	1 19	4 37	2 37	8 10	0 32	0 47	1 43	28 9	10 16	23 36	23 36	23 54	6 51	4 10
S 13	23 29	20 34	1 45	21 21	1 4	20 55	2 39	18 8	0 12	7 56	1 19	4 37	2 37	8 10	0 32	0 47	1 43	28 8	10 16	23 36	23 36	23 55	6 51	4 9
M14	23 31	23 10	0 23	21 3	1 18	20 40	2 53	18 19	0 12	7 55	1 19	4 37	2 36	8 9	0 32	0 47	1 43	28 8	10 15	23 36	23 36	23 55	6 51	4 8
T 15	23 33	24 6	1n 1	20 46	1 33	20 26	3 6	18 30	0 11	7 54	1 19	4 37	2 36	8 9	0 32	0 47	1 43	28 7	10 15	23 36	23 36	23 56	6 50	4 7
W16	23 34	23 14	2 20	20 29	1 48	20 11	3 19	18 41	0 10	7 54	1 20	4 37	2 36	8 9	0 32	0 48	1 43	28 7	10 15	23 36	23 36	23 56	6 50	4 6
T 17	23 35	20 46	3 28	20 12	2 3	19 58	3 31	18 52	0 10	7 53	1 20	4 37	2 36	8 9	0 32	0 48	1 43	28 6	10 15	23 36	23 36	23 57	6 50	4 6
F 18	23 36	17 2	4 21	19 56	2 18	19 44	3 43	19 3	0 9	7 52	1 20	4 37	2 35	8 9	0 32	0 48	1 43	28 6	10 15	23 36	23 36	23 57	6 50	4 5
S 19	23 36	12 26	4 57	19 41	2 33	19 31	3 55	19 14	0 8	7 52	1 21	4 38	2 35	8 8	0 32	0 48	1 43	28 5	10 15	23 36	23 36	23 58	6 50	4 4
S 20	23 36	7 21	5 15	19 27	2 47	19 18	4 6	19 24	0 8	7 51	1 21	4 38	2 35	8 8	0 32	0 48	1 44	28 5	10 15	23 36	23 36	23 59	6 50	4 3
M21	23 35	2 4	5 16	19 13	3 2	19 5	4 16	19 34	0 7	7 51	1 21	4 38	2 35	8 8	0 32	0 48	1 44	28 4	10 15	23 36	23 36	23 59	6 50	4 2
T 22	23 34	3s 9	5 1	19 1	3 16	18 53	4 26	19 44	0 6	7 50	1 22	4 39	2 34	8 8	0 32	0 49	1 44	28 3	10 14	23 36	23 36	24 0	6 50	4 2
W23	23 33	8 7	4 31	18 50	3 30	18 42	4 35	19 54	0 5	7 50	1 22	4 39	2 34	8 8	0 32	0 49	1 44	28 3	10 14	23 36	23 36	24 0	6 50	4 1
T 24	23 31	12 41	3 49	18 39	3 43	18 32	4 44	20 4	0 5	7 50	1 22	4 40	2 34	8 8	0 32	0 49	1 44	28 2	10 14	23 36	23 36	24 1	6 50	4 0
F 25	23 29	16 40	2 58	18 31	3 55	18 22	4 52	20 13	0 4	7 50	1 23	4 40	2 33	8 8	0 32	0 49	1 44	28 2	10 14	23 36	23 36	24 1	6 50	3 59
S 26	23 26	19 56	2 0	18 23	4 7	18 12	4 59	20 23	0 3	7 50	1 23	4 41	2 33	8 8	0 32	0 49	1 44	28 1	10 14	23 36	23 36	24 2	6 50	3 58
S 27	23 23	22 19	0 57	18 17	4 17	18 4	5 6	20 32	0 3	7 50	1 23	4 41	2 33	8 8	0 32	0 49	1 44	28 1	10 14	23 36	23 36	24 2	6 51	3 58
M28	23 20	23 44	0s 9	18 12	4 26	17 56	5 12	20 41	0 2	7 50	1 24	4 42	2 33	8 8	0 32	0 49	1 44	28 0	10 14	23 36	23 36	24 3	6 51	3 57
T 29	23 16	24 4	1 13	18 9	4 34	17 49	5 18	20 49	0 1	7 50	1 24	4 42	2 32	8 8	0 32	0 49	1 44	28 0	10 14	23 36	23 36	24 3	6 51	3 56
W30	23n11	23s19	2s15	18n 7	4s40	17n42	5s23	20n58	0s 0	7s50	1s24	4s43	2n32	8s 8	0n32	0n49	1s44	27n59	10n14	23n36	23n36	24s 4	6s52	3s55

Julian Day Number = 1983093.5, Delta T = 58m11s
Ecliptic obliquity = 23°36'17, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'29, Lahiri = 5°59'30 Julian Calendar 1 June 717 == Greg. Calendar 5 June 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

JULY 717 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 48 32	11♋25'57	7♒50	14°R14	17°R53	4♊ 3	13°R28	17♎54	22♎ 0	6♈ 2	8♌58	0°R44	0♋ 3	7♑51	8♎13	T 1
F 2	18 52 28	12°23'13	19°50	13♋32	17♊42	4°43	13♓27	17°55	22° 0	6° 2	9° 0	0♋42	0° 0	7°58	8°16	F 2
S 3	18 56 25	13°20'29	1♓58	12°49	17°34	5°24	13°27	17°56	22° 0	6° 2	9° 2	0°40	29♊57	8° 4	8°19	S 3
S 4	19 0 21	14°17'46	14°19	12° 7	17°27	6° 4	13°26	17°58	22° 1	6° 3	9° 4	0°39	29°54	8°11	8°23	S 4
M 5	19 4 18	15°15'04	26°54	11°27	17°24	6°44	13°25	17°59	22° 1	6° 3	9° 5	0°37	29°51	8°17	8°26	M 5
T 6	19 8 14	16°12'23	9♈47	10°50	17°D22	7°25	13°24	18° 1	22° 1	6°R 3	9° 7	0°37	29°48	8°24	8°29	T 6
W 7	19 12 11	17° 9'44	23° 1	10°15	17°23	8° 5	13°23	18° 3	22° 2	6° 3	9° 9	0°D37	29°44	8°31	8°33	W 7
T 8	19 16 7	18° 7'06	6♉38	9°44	17°26	8°45	13°22	18° 5	22° 2	6° 3	9°11	0°37	29°41	8°37	8°36	T 8
F 9	19 20 4	19° 4'28	20°40	9°17	17°32	9°25	13°20	18° 7	22° 3	6° 3	9°13	0°38	29°38	8°44	8°40	F 9
S 10	19 24 1	20° 1'53	5♊ 5	8°56	17°39	10° 5	13°18	18° 9	22° 4	6° 2	9°15	0°40	29°35	8°51	8°44	S 10
S 11	19 27 57	20°59'18	19°51	8°40	17°49	10°45	13°16	18°11	22° 4	6° 2	9°17	0°41	29°32	8°57	8°48	S 11
M12	19 31 54	21°56'45	4♋52	8°29	18° 1	11°25	13°14	18°13	22° 5	6° 2	9°18	0°R41	29°28	9° 4	8°52	M12
T 13	19 35 50	22°54'13	20° 2	8°D25	18°15	12° 4	13°11	18°15	22° 6	6° 2	9°20	0°40	29°25	9°11	8°56	T 13
W14	19 39 47	23°51'42	5♌ 9	8°27	18°30	12°44	13° 9	18°18	22° 7	6° 2	9°22	0°38	29°22	9°17	9° 0	W14
T 15	19 43 43	24°49'11	20° 6	8°36	18°48	13°24	13° 6	18°20	22° 8	6° 1	9°24	0°35	29°19	9°24	9° 4	T 15
F 16	19 47 40	25°46'42	4♍44	8°51	19° 8	14° 3	13° 3	18°23	22° 9	6° 1	9°26	0°32	29°16	9°31	9° 8	F 16
S 17	19 51 37	26°44'14	18°57	9°13	19°29	14°43	13° 0	18°26	22°10	6° 1	9°28	0°28	29°13	9°37	9°13	S 17
S 18	19 55 33	27°41'46	2♎43	9°42	19°52	15°22	12°56	18°28	22°11	6° 0	9°30	0°26	29° 9	9°44	9°17	S 18
M19	19 59 30	28°39'20	16° 1	10°18	20°17	16° 2	12°53	18°31	22°12	6° 0	9°32	0°24	29° 6	9°51	9°22	M19
T 20	20 3 26	29°36'54	28°54	11° 0	20°43	16°41	12°49	18°34	22°13	6° 0	9°34	0°D23	29° 3	9°57	9°26	T 20
W21	20 7 23	0♌34'30	11♏24	11°49	21°11	17°20	12°45	18°37	22°14	5°59	9°35	0°24	29° 0	10° 4	9°31	W21
T 22	20 11 19	1°32'07	23°38	12°45	21°41	17°59	12°41	18°40	22°15	5°59	9°37	0°25	28°57	10°10	9°36	T 22
F 23	20 15 16	2°29'44	5♐38	13°47	22°12	18°38	12°37	18°44	22°17	5°58	9°39	0°27	28°54	10°17	9°41	F 23
S 24	20 19 12	3°27'23	17°30	14°55	22°44	19°17	12°32	18°47	22°18	5°58	9°41	0°28	28°50	10°24	9°46	S 24
S 25	20 23 9	4°25'03	29°18	16° 9	23°17	19°56	12°28	18°50	22°19	5°57	9°43	0°R29	28°47	10°30	9°51	S 25
M26	20 27 6	5°22'44	11♑ 5	17°29	23°52	20°35	12°23	18°54	22°21	5°56	9°45	0°28	28°44	10°37	9°56	M26
T 27	20 31 2	6°20'27	22°55	18°54	24°29	21°14	12°18	18°57	22°22	5°56	9°47	0°26	28°41	10°44	10° 1	T 27
W28	20 34 59	7°18'11	4♒50	20°24	25° 6	21°53	12°13	19° 1	22°24	5°55	9°49	0°22	28°38	10°50	10° 6	W28
T 29	20 38 55	8°15'56	16°52	21°59	25°45	22°31	12° 8	19° 5	22°25	5°54	9°51	0°17	28°34	10°57	10°12	T 29
F 30	20 42 52	9°13'43	29° 3	23°38	26°24	23°10	12° 2	19° 8	22°27	5°54	9°53	0°10	28°31	11° 4	10°17	F 30
S 31	20 46 48	10♌11'32	11♓24	25♋20	27♊ 5	23♊49	11♓57	19♎12	22♎29	5♈53	9♌55	0♋ 3	28♊28	11♑10	10♎23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	21s31	3s11	18n 7	4s45	17n37	5s27	21n 6	0n 0	7s51	1s25	4s44	2n32	8s 8	0n32	0n49	1s44	27n58	10n14	23n36	23n36	24s 4	6s52	3s54
F 2	23 1	18 45	4 0	18 8	4 48	17 32	5 31	21 15	0 1	7 51	1 25	4 45	2 32	8 8	0 32	0 49	1 44	27 58	10 14	23 36	23 36	24 5	6 53	3 54
S 3	22 56	15 10	4 38	18 11	4 50	17 28	5 35	21 23	0 2	7 52	1 25	4 45	2 31	8 9	0 32	0 49	1 44	27 57	10 14	23 36	23 36	24 5	6 53	3 53
S 4	22 50	10 53	5 4	18 15	4 49	17 25	5 37	21 31	0 2	7 52	1 26	4 46	2 31	8 9	0 31	0 49	1 44	27 57	10 14	23 36	23 36	24 6	6 54	3 52
M 5	22 44	6 4	5 16	18 20	4 47	17 22	5 40	21 38	0 3	7 53	1 26	4 47	2 31	8 9	0 31	0 49	1 44	27 56	10 14	23 36	23 36	24 6	6 54	3 51
T 6	22 37	0 53	5 12	18 27	4 43	17 20	5 41	21 46	0 4	7 53	1 26	4 48	2 30	8 9	0 31	0 49	1 45	27 56	10 13	23 36	23 36	24 6	6 55	3 51
W 7	22 30	4n29	4 53	18 35	4 38	17 19	5 43	21 53	0 5	7 54	1 26	4 49	2 30	8 9	0 31	0 49	1 45	27 55	10 13	23 36	23 36	24 7	6 56	3 50
T 8	22 22	9 47	4 16	18 45	4 31	17 18	5 44	22 0	0 5	7 55	1 27	4 50	2 30	8 9	0 31	0 49	1 45	27 55	10 13	23 36	23 36	24 7	6 56	3 49
F 9	22 14	14 46	3 24	18 55	4 22	17 18	5 44	22 7	0 6	7 56	1 27	4 51	2 30	8 10	0 31	0 49	1 45	27 54	10 13	23 36	23 36	24 8	6 57	3 48
S 10	22 6	19 3	2 17	19 6	4 12	17 19	5 44	22 14	0 7	7 57	1 27	4 52	2 29	8 10	0 31	0 49	1 45	27 54	10 13	23 36	23 36	24 8	6 58	3 48
S 11	21 57	22 13	1 0	19 19	4 1	17 20	5 44	22 20	0 8	7 58	1 28	4 53	2 29	8 10	0 31	0 49	1 45	27 53	10 13	23 36	23 36	24 9	6 59	3 47
M12	21 48	23 54	0n23	19 32	3 49	17 22	5 43	22 27	0 8	7 59	1 28	4 54	2 29	8 11	0 31	0 49	1 45	27 52	10 13	23 36	23 36	24 9	7 0	3 46
T 13	21 39	23 50	1 45	19 45	3 35	17 24	5 42	22 33	0 9	8 0	1 28	4 55	2 29	8 11	0 31	0 48	1 45	27 52	10 13	23 36	23 36	24 9	7 1	3 45
W14	21 29	22 0	2 59	19 59	3 21	17 26	5 41	22 39	0 10	8 2	1 29	4 56	2 28	8 11	0 31	0 48	1 45	27 51	10 13	23 36	23 36	24 10	7 1	3 45
T 15	21 19	18 40	4 0	20 13	3 7	17 30	5 39	22 44	0 11	8 3	1 29	4 57	2 28	8 12	0 31	0 48	1 45	27 51	10 13	23 36	23 36	24 10	7 2	3 44
F 16	21 8	14 13	4 43	20 28	2 51	17 33	5 37	22 50	0 11	8 5	1 29	4 59	2 28	8 12	0 31	0 48	1 45	27 50	10 13	23 36	23 36	24 11	7 4	3 43
S 17	20 57	9 7	5 8	20 42	2 36	17 37	5 35	22 55	0 12	8 6	1 30	5 0	2 28	8 12	0 31	0 48	1 45	27 50	10 13	23 36	23 36	24 11	7 5	3 42
S 18	20 46	3 43	5 14	20 56	2 20	17 41	5 33	23 0	0 13	8 8	1 30	5 1	2 27	8 13	0 31	0 48	1 45	27 49	10 13	23 36	23 36	24 11	7 6	3 42
M19	20 34	1s41	5 3	21 9	2 3	17 45	5 30	23 5	0 14	8 9	1 30	5 3	2 27	8 13	0 31	0 47	1 45	27 49	10 13	23 36	23 36	24 12	7 7	3 41
T 20	20 22	6 51	4 36	21 22	1 47	17 50	5 27	23 10	0 14	8 11	1 30	5 4	2 27	8 14	0 31	0 47	1 45	27 48	10 13	23 36	23 36	24 12	7 8	3 40
W21	20 10	11 36	3 57	21 34	1 31	17 55	5 24	23 15	0 15	8 13	1 31	5 5	2 27	8 14	0 31	0 47	1 45	27 48	10 13	23 36	23 36	24 12	7 9	3 40
T 22	19 57	15 46	3 8	21 45	1 15	18 0	5 21	23 19	0 16	8 15	1 31	5 7	2 26	8 15	0 31	0 47	1 46	27 47	10 13	23 36	23 36	24 13	7 11	3 39
F 23	19 44	19 14	2 12	21 54	0 59	18 5	5 18	23 23	0 17	8 17	1 31	5 8	2 26	8 15	0 31	0 46	1 46	27 47	10 13	23 36	23 36	24 13	7 12	3 38
S 24	19 31	21 51	1 11	22 2	0 44	18 11	5 14	23 28	0 17	8 19	1 31	5 10	2 26	8 16	0 31	0 46	1 46	27 46	10 13	23 36	23 36	24 13	7 13	3 38
S 25	19 17	23 30	0 6	22 9	0 29	18 16	5 10	23 31	0 18	8 21	1 32	5 11	2 26	8 16	0 31	0 46	1 46	27 46	10 13	23 36	23 36	24 14	7 15	3 37
M26	19 3	24 6	0s58	22 13	0 14	18 22	5 6	23 35	0 19	8 23	1 32	5 13	2 25	8 17	0 31	0 46	1 46	27 45	10 14	23 36	23 36	24 14	7 16	3 36
T 27	18 49	23 36	1 59	22 15	0 1	18 28	5 2	23 38	0 20	8 25	1 32	5 14	2 25	8 18	0 31	0 45	1 46	27 45	10 14	23 36	23 36	24 14	7 17	3 35
W28	18 34	22 2	2 56	22 15	0n12	18 33	4 58	23 42	0 21	8 27	1 33	5 16	2 25	8 18	0 31	0 45	1 46	27 44	10 14	23 36	23 36	24 15	7 19	3 35
T 29	18 19	19 28	3 46	22 12	0 25	18 39	4 53	23 45	0 21	8 29	1 33	5 17	2 25	8 19	0 31	0 45	1 46	27 44	10 14	23 36	23 36	24 15	7 20	3 34
F 30	18 4	16 1	4 25	22 7	0 36	18 44	4 49	23 48	0 22	8 32	1 33	5 19	2 24	8 19	0 31	0 44	1 46	27 43	10 14	23 36	23 36	24 15	7 22	3 33
S 31	17n49	11s51	4s53	21n59	0n47	18n50	4s44	23n50	0n23	8s34	1s33	5s21	2n24	8s20	0n31	0n44	1s46	27n43	10n14	23n36	23n36	24s16	7s24	3s33

Julian Day Number = 1983123.5, Delta T = 58m10s
Ecliptic obliquity = 23°36'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'34, Lahiri = 5°59'34 Julian Calendar 1 July 717 == Greg. Calendar 5 July 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

AUGUST 717 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 50 45	11♌ 9'22	23♓56	27♋ 6	27♊47	24♊27	11°R51	19♎16	22♎30	5°R52	9♌57	29°R56	28♊25	11♑17	10♎28	S 1
M 2	20 54 41	12° 7'14	6♈40	28°55	28°30	25° 6	11♓45	19°20	22°32	5♈51	9°59	29♊50	28°22	11°24	10°34	M 2
T 3	20 58 38	13° 5'07	19°39	0♌46	29°14	25°44	11°39	19°24	22°34	5°51	10° 1	29°46	28°19	11°30	10°40	T 3
W 4	21 2 34	14° 3'03	2♉53	2°39	29°58	26°22	11°33	19°28	22°36	5°50	10° 3	29°44	28°15	11°37	10°45	W 4
T 5	21 6 31	15° 1'00	16°25	4°34	0♋44	27° 0	11°26	19°33	22°38	5°49	10° 5	29°D43	28°12	11°44	10°51	T 5
F 6	21 10 28	15°59'00	0♊16	6°31	1°31	27°39	11°20	19°37	22°40	5°48	10° 7	29°44	28° 9	11°50	10°57	F 6
S 7	21 14 24	16°57'02	14°27	8°28	2°18	28°17	11°13	19°41	22°42	5°47	10° 9	29°45	28° 6	11°57	11° 3	S 7
S 8	21 18 21	17°55'05	28°55	10°25	3° 6	28°55	11° 7	19°46	22°44	5°46	10°10	29°R46	28° 3	12° 4	11° 9	S 8
M 9	21 22 17	18°53'11	13♋40	12°23	3°55	29°33	11° 0	19°50	22°46	5°45	10°12	29°45	27°59	12°10	11°15	M 9
T 10	21 26 14	19°51'18	28°34	14°21	4°45	0♋10	10°53	19°55	22°48	5°44	10°14	29°42	27°56	12°17	11°22	T 10
W11	21 30 10	20°49'28	13♌31	16°18	5°35	0°48	10°46	20° 0	22°50	5°43	10°16	29°37	27°53	12°23	11°28	W11
T 12	21 34 7	21°47'39	28°22	18°16	6°26	1°26	10°39	20° 4	22°53	5°42	10°18	29°30	27°50	12°30	11°34	T 12
F 13	21 38 4	22°45'52	12♍59	20°12	7°18	2° 4	10°32	20° 9	22°55	5°41	10°20	29°22	27°47	12°37	11°41	F 13
S 14	21 42 0	23°44'06	27°15	22° 8	8°11	2°41	10°24	20°14	22°57	5°40	10°22	29°13	27°44	12°43	11°47	S 14
S 15	21 45 57	24°42'22	11♎ 4	24° 3	9° 4	3°19	10°17	20°19	22°59	5°38	10°24	29° 5	27°40	12°50	11°54	S 15
M16	21 49 53	25°40'40	24°27	25°58	9°57	3°56	10° 9	20°24	23° 2	5°37	10°26	28°59	27°37	12°57	12° 0	M16
T 17	21 53 50	26°38'59	7♏22	27°51	10°52	4°33	10° 2	20°29	23° 4	5°36	10°28	28°55	27°34	13° 3	12° 7	T 17
W18	21 57 46	27°37'20	19°55	29°43	11°47	5°11	9°54	20°34	23° 7	5°35	10°30	28°53	27°31	13°10	12°14	W18
T 19	22 1 43	28°35'43	2♐ 8	1♍34	12°42	5°48	9°47	20°40	23° 9	5°34	10°31	28°D53	27°28	13°17	12°20	T 19
F 20	22 5 39	29°34'07	14° 7	3°24	13°38	6°25	9°39	20°45	23°12	5°32	10°33	28°54	27°25	13°23	12°27	F 20
S 21	22 9 36	0♍32'34	25°58	5°14	14°34	7° 2	9°31	20°50	23°14	5°31	10°35	28°R54	27°21	13°30	12°34	S 21
S 22	22 13 32	1°31'01	7♑45	7° 2	15°31	7°39	9°23	20°56	23°17	5°30	10°37	28°54	27°18	13°37	12°41	S 22
M23	22 17 29	2°29'31	19°34	8°48	16°29	8°16	9°15	21° 1	23°20	5°28	10°39	28°52	27°15	13°43	12°48	M23
T 24	22 21 26	3°28'02	1♒28	10°34	17°27	8°52	9° 7	21° 7	23°22	5°27	10°41	28°47	27°12	13°50	12°55	T 24
W25	22 25 22	4°26'35	13°31	12°19	18°25	9°29	8°59	21°12	23°25	5°26	10°42	28°40	27° 9	13°57	13° 2	W25
T 26	22 29 19	5°25'10	25°44	14° 3	19°24	10° 6	8°51	21°18	23°28	5°24	10°44	28°30	27° 5	14° 3	13° 9	T 26
F 27	22 33 15	6°23'47	8♓ 9	15°45	20°23	10°42	8°43	21°24	23°31	5°23	10°46	28°19	27° 2	14°10	13°16	F 27
S 28	22 37 12	7°22'26	20°47	17°27	21°23	11°19	8°35	21°29	23°34	5°21	10°48	28° 7	26°59	14°17	13°24	S 28
S 29	22 41 8	8°21'07	3♈37	19° 8	22°23	11°55	8°27	21°35	23°36	5°20	10°50	27°55	26°56	14°23	13°31	S 29
M30	22 45 5	9°19'50	16°39	20°47	23°23	12°31	8°19	21°41	23°39	5°18	10°51	27°45	26°53	14°30	13°38	M30
T 31	22 49 1	10♍18'35	29♈53	22♍26	24♋24	13♋ 7	8♓11	21♎47	23♎42	5♈17	10♌53	27♊36	26♊50	14♑36	13♎46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17n33	7s 8	5s 8	21n49	0n57	18n56	4s40	23n53	0n24	8s36	1s34	5s22	2n24	8s21	0n31	0n44	1s46	27n42	10n14	23n36	23n36	24s16	7s25	3s32	
M 2	17 17	2 2	5 7	21 36	1 6	19 1	4 35	23 55	0 24	8 39	1 34	5 24	2 24	8 21	0 30	0 43	1 46	27 42	10 14	23 36	23 36	24 16	7 27	3 31	
T 3	17 0	3n15	4 51	21 20	1 14	19 6	4 30	23 57	0 25	8 41	1 34	5 26	2 23	8 22	0 30	0 43	1 46	27 41	10 14	23 36	23 36	24 17	7 28	3 31	
W 4	16 44	8 30	4 19	21 1	1 21	19 11	4 25	23 59	0 26	8 44	1 34	5 28	2 23	8 23	0 30	0 42	1 46	27 41	10 14	23 36	23 36	24 17	7 30	3 30	
T 5	16 27	13 28	3 33	20 40	1 27	19 16	4 20	24 1	0 27	8 47	1 34	5 30	2 23	8 24	0 30	0 42	1 46	27 40	10 14	23 36	23 36	24 17	7 32	3 30	
F 6	16 9	17 52	2 33	20 16	1 33	19 21	4 15	24 3	0 28	8 49	1 35	5 31	2 23	8 24	0 30	0 42	1 46	27 40	10 14	23 36	23 36	24 17	7 34	3 29	
S 7	15 52	21 20	1 22	19 50	1 37	19 26	4 10	24 4	0 28	8 52	1 35	5 33	2 23	8 25	0 30	0 41	1 46	27 39	10 14	23 36	23 35	24 18	7 36	3 28	
S 8	15 34	23 32	0 5	19 22	1 41	19 30	4 4	24 5	0 29	8 55	1 35	5 35	2 22	8 26	0 30	0 41	1 46	27 39	10 15	23 36	23 35	24 18	7 37	3 28	
M 9	15 16	24 8	1n14	18 52	1 44	19 34	3 59	24 6	0 30	8 57	1 35	5 37	2 22	8 27	0 30	0 40	1 46	27 38	10 15	23 36	23 35	24 18	7 39	3 27	
T 10	14 58	23 1	2 29	18 19	1 46	19 38	3 54	24 7	0 31	9 0	1 35	5 39	2 22	8 28	0 30	0 40	1 47	27 38	10 15	23 36	23 35	24 18	7 41	3 26	
W11	14 39	20 17	3 33	17 45	1 47	19 41	3 48	24 8	0 32	9 3	1 36	5 41	2 22	8 28	0 30	0 39	1 47	27 38	10 15	23 36	23 35	24 19	7 43	3 26	
T 12	14 20	16 13	4 23	17 10	1 47	19 44	3 43	24 8	0 33	9 6	1 36	5 43	2 22	8 29	0 30	0 39	1 47	27 37	10 15	23 36	23 35	24 19	7 45	3 25	
F 13	14 1	11 15	4 54	16 33	1 47	19 47	3 37	24 9	0 33	9 9	1 36	5 45	2 21	8 30	0 30	0 38	1 47	27 37	10 15	23 36	23 35	24 19	7 47	3 25	
S 14	13 42	5 46	5 6	15 54	1 46	19 50	3 32	24 9	0 34	9 12	1 36	5 47	2 21	8 31	0 30	0 38	1 47	27 36	10 15	23 36	23 35	24 19	7 49	3 24	
S 15	13 23	0 11	5 0	15 15	1 45	19 52	3 26	24 9	0 35	9 15	1 36	5 49	2 21	8 32	0 30	0 37	1 47	27 36	10 15	23 36	23 35	24 19	7 51	3 23	
M16	13 3	5s15	4 37	14 34	1 43	19 54	3 21	24 9	0 36	9 18	1 36	5 51	2 21	8 33	0 30	0 37	1 47	27 35	10 16	23 36	23 35	24 20	7 53	3 23	
T 17	12 43	10 17	4 0	13 53	1 41	19 55	3 15	24 8	0 37	9 21	1 37	5 53	2 21	8 34	0 30	0 36	1 47	27 35	10 16	23 36	23 35	24 20	7 55	3 22	
W18	12 23	14 44	3 13	13 10	1 38	19 56	3 9	24 8	0 37	9 24	1 37	5 55	2 20	8 35	0 30	0 36	1 47	27 35	10 16	23 36	23 35	24 20	7 57	3 22	
T 19	12 3	18 28	2 18	12 27	1 34	19 57	3 4	24 7	0 38	9 27	1 37	5 58	2 20	8 36	0 30	0 35	1 47	27 34	10 16	23 36	23 35	24 20	7 59	3 21	
F 20	11 42	21 21	1 18	11 44	1 30	19 57	2 58	24 6	0 39	9 30	1 37	6 0	2 20	8 37	0 30	0 35	1 47	27 34	10 16	23 36	23 35	24 20	8 2	3 21	
S 21	11 21	23 17	0 16	11 0	1 26	19 57	2 52	24 5	0 40	9 33	1 37	6 2	2 20	8 38	0 30	0 34	1 47	27 33	10 16	23 36	23 35	24 21	8 4	3 20	
S 22	11 1	24 10	0s47	10 15	1 22	19 56	2 47	24 4	0 41	9 36	1 37	6 4	2 20	8 39	0 30	0 34	1 47	27 33	10 17	23 36	23 35	24 21	8 6	3 19	
M23	10 39	23 57	1 48	9 31	1 17	19 55	2 41	24 2	0 42	9 39	1 37	6 6	2 19	8 40	0 30	0 33	1 47	27 33	10 17	23 36	23 35	24 21	8 8	3 19	
T 24	10 18	22 39	2 45	8 46	1 12	19 54	2 35	24 1	0 43	9 42	1 37	6 9	2 19	8 41	0 30	0 32	1 47	27 32	10 17	23 36	23 35	24 21	8 11	3 18	
W25	9 57	20 18	3 34	8 0	1 6	19 51	2 30	23 59	0 43	9 45	1 37	6 11	2 19	8 42	0 30	0 32	1 47	27 32	10 17	23 36	23 34	24 21	8 13	3 18	
T 26	9 35	17 1	4 15	7 15	1 1	19 49	2 24	23 57	0 44	9 49	1 37	6 13	2 19	8 43	0 30	0 31	1 47	27 32	10 17	23 36	23 34	24 21	8 15	3 17	
F 27	9 14	12 57	4 44	6 30	0 55	19 46	2 18	23 55	0 45	9 52	1 38	6 15	2 19	8 44	0 30	0 31	1 47	27 31	10 17	23 36	23 34	24 21	8 17	3 17	
S 28	8 52	8 16	4 59	5 44	0 49	19 43	2 13	23 53	0 46	9 55	1 38	6 18	2 19	8 45	0 30	0 30	1 47	27 31	10 18	23 35	23 34	24 22	8 20	3 16	
S 29	8 30	3 9	5 0	4 59	0 42	19 39	2 7	23 51	0 47	9 58	1 38	6 20	2 18	8 46	0 30	0 30	1 47	27 31	10 18	23 35	23 34	24 22	8 22	3 16	
M30	8 8	2n11	4 46	4 13	0 36	19 34	2 1	23 48	0 48	10 1	1 38	6 22	2 18	8 47	0 30	0 29	1 47	27 30	10 18	23 35	23 34	24 22	8 25	3 15	
T 31	7n45	7n31	4s16	3n28	0n29	19n29	1s56	23n46	0n49	10s 4	1s38	6s25	2n18	8s48	0n30	0n28	1s47	27n30	10n18	23n35	23n34	24s22	8s27	3s15	

Julian Day Number = 1983154.5, Delta T = 58m10s
Ecliptic obliquity = 23°36'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'38, Lahiri = 5°59'38 Julian Calendar 1 Aug. 717 == Greg. Calendar 5 Aug. 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

SEPTEMBER 717 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 52 58	11♍17'23	13♉17	24♍ 4	25♋25	13♋44	8°R 3	21♎53	23♎45	5°R16	10♌55	27°R31	26♊46	14♑43	13♎53	W 1
T 2	22 56 55	12°16'13	26°54	25°40	26°27	14°20	7♓55	21°59	23°48	5♈14	10°57	27♊28	26°43	14°50	14° 0	T 2
F 3	23 0 51	13°15'05	10♊42	27°16	27°29	14°55	7°47	22° 5	23°51	5°12	10°58	27°D27	26°40	14°56	14° 8	F 3
S 4	23 4 48	14°14'00	24°42	28°51	28°31	15°31	7°40	22°11	23°54	5°11	11° 0	27°R27	26°37	15° 3	14°15	S 4
S 5	23 8 44	15°12'57	8♋55	0♎25	29°34	16° 7	7°32	22°17	23°58	5° 9	11° 2	27°27	26°34	15°10	14°23	S 5
M 6	23 12 41	16°11'57	23°18	1°58	0♌37	16°43	7°24	22°23	24° 1	5° 8	11° 3	27°25	26°31	15°16	14°31	M 6
T 7	23 16 37	17°10'59	7♌49	3°30	1°40	17°18	7°16	22°30	24° 4	5° 6	11° 5	27°21	26°27	15°23	14°38	T 7
W 8	23 20 34	18°10'03	22°24	5° 2	2°44	17°54	7° 8	22°36	24° 7	5° 5	11° 7	27°13	26°24	15°30	14°46	W 8
T 9	23 24 30	19° 9'09	6♍56	6°32	3°48	18°29	7° 1	22°42	24°10	5° 3	11° 8	27° 3	26°21	15°36	14°54	T 9
F 10	23 28 27	20° 8'18	21°17	8° 2	4°52	19° 4	6°53	22°48	24°13	5° 1	11°10	26°52	26°18	15°43	15° 1	F 10
S 11	23 32 24	21° 7'28	5♎23	9°30	5°57	19°40	6°45	22°55	24°17	5° 0	11°11	26°39	26°15	15°50	15° 9	S 11
S 12	23 36 20	22° 6'41	19° 7	10°58	7° 1	20°15	6°38	23° 1	24°20	4°58	11°13	26°28	26°11	15°56	15°17	S 12
M13	23 40 17	23° 5'55	2♏26	12°25	8° 6	20°50	6°31	23° 8	24°23	4°57	11°15	26°18	26° 8	16° 3	15°25	M13
T 14	23 44 13	24° 5'12	15°22	13°51	9°12	21°24	6°23	23°14	24°27	4°55	11°16	26°11	26° 5	16°10	15°33	T 14
W15	23 48 10	25° 4'30	27°55	15°16	10°17	21°59	6°16	23°21	24°30	4°53	11°18	26° 7	26° 2	16°16	15°40	W15
T 16	23 52 6	26° 3'51	10♐ 9	16°40	11°23	22°34	6° 9	23°27	24°33	4°52	11°19	26° 5	25°59	16°23	15°48	T 16
F 17	23 56 3	27° 3'13	22° 9	18° 3	12°29	23° 8	6° 2	23°34	24°37	4°50	11°21	26° 5	25°56	16°30	15°56	F 17
S 18	23 59 59	28° 2'37	4♑ 1	19°26	13°36	23°43	5°55	23°41	24°40	4°48	11°22	26° 5	25°52	16°36	16° 4	S 18
S 19	0 3 56	29° 2'03	15°49	20°47	14°42	24°17	5°48	23°47	24°44	4°47	11°23	26° 4	25°49	16°43	16°12	S 19
M20	0 7 52	0♎ 1'31	27°39	22° 7	15°49	24°51	5°42	23°54	24°47	4°45	11°25	26° 1	25°46	16°50	16°20	M20
T 21	0 11 49	1° 1'00	9♒37	23°25	16°56	25°26	5°35	24° 1	24°51	4°43	11°26	25°56	25°43	16°56	16°28	T 21
W22	0 15 46	2° 0'32	21°45	24°43	18° 3	26° 0	5°29	24° 8	24°54	4°42	11°28	25°49	25°40	17° 3	16°36	W22
T 23	0 19 42	3° 0'05	4♓ 8	25°59	19°10	26°33	5°22	24°15	24°58	4°40	11°29	25°38	25°36	17°10	16°44	T 23
F 24	0 23 39	3°59'40	16°47	27°14	20°18	27° 7	5°16	24°21	25° 1	4°38	11°30	25°26	25°33	17°16	16°52	F 24
S 25	0 27 35	4°59'17	29°43	28°27	21°26	27°41	5°10	24°28	25° 5	4°37	11°32	25°13	25°30	17°23	17° 1	S 25
S 26	0 31 32	5°58'56	12♈55	29°39	22°34	28°14	5° 5	24°35	25° 9	4°35	11°33	25° 0	25°27	17°29	17° 9	S 26
M27	0 35 28	6°58'38	26°20	0♏49	23°42	28°48	4°59	24°42	25°12	4°33	11°34	24°49	25°24	17°36	17°17	M27
T 28	0 39 25	7°58'21	9♉57	1°57	24°51	29°21	4°53	24°49	25°16	4°32	11°35	24°40	25°21	17°43	17°25	T 28
W29	0 43 21	8°58'07	23°43	3° 2	25°59	29°54	4°48	24°56	25°19	4°30	11°37	24°34	25°17	17°49	17°33	W29
T 30	0 47 18	9♎57'55	7♊35	4♏ 6	27♌ 8	0♌27	4♓43	25♎ 3	25♎23	4♈28	11♌38	24♊31	25♊14	17♑56	17♎41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n23	12n34	3s31	2n43	0n22	19n24	1s50	23n43	0n50	10s 7	1s38	6s27	2n18	8s49	0n30	0n28	1s47	27n30	10n19	23n35	23n34	24s22	8s29	3s14
T 2	7 0	17 6	2 34	1 58	0 16	19 18	1 45	23 40	0 50	10 10	1 38	6 29	2 18	8 51	0 30	0 27	1 47	27 30	10 19	23 35	23 34	24 22	8 32	3 14
F 3	6 38	20 46	1 28	1 13	0 9	19 11	1 39	23 37	0 51	10 13	1 38	6 32	2 18	8 52	0 30	0 26	1 47	27 29	10 19	23 35	23 34	24 22	8 34	3 13
S 4	6 15	23 15	0 15	0 29	0 1	19 4	1 34	23 34	0 52	10 16	1 38	6 34	2 17	8 53	0 30	0 26	1 48	27 29	10 19	23 35	23 34	24 22	8 37	3 13
S 5	5 52	24 18	1n 0	0s15	0s 6	18 57	1 28	23 30	0 53	10 19	1 38	6 37	2 17	8 54	0 30	0 25	1 48	27 29	10 19	23 35	23 34	24 22	8 39	3 12
M 6	5 29	23 45	2 12	0 59	0 13	18 49	1 23	23 27	0 54	10 22	1 38	6 39	2 17	8 55	0 29	0 25	1 48	27 28	10 20	23 35	23 34	24 22	8 42	3 12
T 7	5 6	21 36	3 16	1 43	0 20	18 40	1 17	23 23	0 55	10 25	1 38	6 42	2 17	8 56	0 29	0 24	1 48	27 28	10 20	23 35	23 33	24 22	8 44	3 11
W 8	4 43	18 2	4 8	2 26	0 27	18 31	1 12	23 19	0 56	10 28	1 38	6 44	2 17	8 58	0 29	0 23	1 48	27 28	10 20	23 35	23 33	24 22	8 47	3 11
T 9	4 19	13 24	4 42	3 9	0 35	18 21	1 7	23 15	0 57	10 31	1 38	6 47	2 17	8 59	0 29	0 23	1 48	27 28	10 20	23 34	23 33	24 22	8 50	3 10
F 10	3 56	8 3	4 59	3 51	0 42	18 11	1 2	23 11	0 58	10 33	1 38	6 49	2 17	9 0	0 29	0 22	1 48	27 28	10 21	23 34	23 33	24 23	8 52	3 10
S 11	3 33	2 23	4 57	4 33	0 49	18 0	0 56	23 7	0 59	10 36	1 38	6 51	2 17	9 1	0 29	0 21	1 48	27 27	10 21	23 34	23 33	24 23	8 55	3 9
S 12	3 9	3s15	4 38	5 14	0 57	17 49	0 51	23 3	1 0	10 39	1 38	6 54	2 16	9 3	0 29	0 21	1 48	27 27	10 21	23 33	23 33	24 23	8 57	3 9
M13	2 45	8 36	4 4	5 55	1 4	17 37	0 46	22 58	1 0	10 42	1 38	6 57	2 16	9 4	0 29	0 20	1 48	27 27	10 22	23 33	23 33	24 23	9 0	3 8
T 14	2 22	13 24	3 18	6 35	1 11	17 25	0 41	22 54	1 1	10 44	1 37	6 59	2 16	9 5	0 29	0 19	1 48	27 27	10 22	23 33	23 33	24 23	9 3	3 8
W15	1 58	17 30	2 23	7 15	1 18	17 12	0 36	22 49	1 2	10 47	1 37	7 2	2 16	9 6	0 29	0 19	1 48	27 27	10 22	23 33	23 33	24 23	9 5	3 8
T 16	1 35	20 45	1 23	7 54	1 25	16 59	0 31	22 45	1 3	10 49	1 37	7 4	2 16	9 8	0 29	0 18	1 48	27 26	10 22	23 33	23 33	24 23	9 8	3 7
F 17	1 11	23 2	0 21	8 33	1 32	16 45	0 26	22 40	1 4	10 52	1 37	7 7	2 16	9 9	0 29	0 17	1 48	27 26	10 23	23 33	23 33	24 23	9 11	3 7
S 18	0 47	24 15	0s42	9 11	1 39	16 31	0 22	22 35	1 5	10 54	1 37	7 9	2 16	9 10	0 29	0 17	1 48	27 26	10 23	23 33	23 32	24 23	9 14	3 6
S 19	0 23	24 21	1 43	9 48	1 46	16 16	0 17	22 30	1 6	10 57	1 37	7 12	2 16	9 11	0 29	0 16	1 48	27 26	10 23	23 33	23 32	24 23	9 16	3 6
M20	0s 1	23 22	2 39	10 24	1 53	16 1	0 12	22 24	1 7	10 59	1 37	7 14	2 16	9 13	0 29	0 15	1 48	27 26	10 23	23 33	23 32	24 23	9 19	3 5
T 21	0 24	21 19	3 29	11 0	1 59	15 45	0 7	22 19	1 8	11 2	1 37	7 17	2 15	9 14	0 29	0 15	1 48	27 26	10 24	23 33	23 32	24 23	9 22	3 5
W22	0 48	18 17	4 10	11 35	2 5	15 29	0 3	22 14	1 9	11 4	1 37	7 20	2 15	9 15	0 29	0 14	1 48	27 26	10 24	23 32	23 32	24 22	9 25	3 5
T 23	1 12	14 24	4 40	12 9	2 11	15 12	0n 2	22 8	1 10	11 6	1 37	7 22	2 15	9 17	0 29	0 13	1 48	27 25	10 24	23 32	23 32	24 22	9 27	3 4
F 24	1 36	9 48	4 57	12 41	2 17	14 55	0 6	22 2	1 11	11 8	1 36	7 25	2 15	9 18	0 29	0 12	1 48	27 25	10 25	23 32	23 32	24 22	9 30	3 4
S 25	2 0	4 41	5 0	13 13	2 23	14 37	0 10	21 57	1 12	11 10	1 36	7 27	2 15	9 19	0 29	0 12	1 48	27 25	10 25	23 31	23 32	24 22	9 33	3 3
S 26	2 24	0n45	4 46	13 44	2 28	14 19	0 15	21 51	1 13	11 12	1 36	7 30	2 15	9 21	0 29	0 11	1 48	27 25	10 25	23 31	23 32	24 22	9 36	3 3
M27	2 47	6 15	4 17	14 14	2 34	14 0	0 19	21 45	1 14	11 14	1 36	7 33	2 15	9 22	0 29	0 10	1 48	27 25	10 26	23 30	23 31	24 22	9 38	3 3
T 28	3 11	11 32	3 33	14 42	2 38	13 41	0 23	21 39	1 15	11 16	1 36	7 35	2 15	9 23	0 29	0 10	1 48	27 25	10 26	23 30	23 31	24 22	9 41	3 2
W29	3 35	16 19	2 35	15 9	2 43	13 22	0 27	21 33	1 16	11 18	1 36	7 38	2 15	9 25	0 29	0 9	1 48	27 25	10 26	23 30	23 31	24 22	9 44	3 2
T 30	3s58	20n16	1s28	15s35	2s47	13n 2	0n31	21n27	1n17	11s20	1s35	7s40	2n15	9s26	0n29	0n 8	1s48	27n25	10n27	23n29	23n31	24s22	9s47	3s 2

Julian Day Number = 1983185.5, Delta T = 58m09s
Ecliptic obliquity = 23°36'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'42, Lahiri = 5°59'42 Julian Calendar 1 Sept. 717 == Greg. Calendar 5 Sept. 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

OCTOBER 717 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 51 15	10♎57'45	21♊33	5♏ 7	28♌17	1♌ 0	4°R38	25♎10	25♎27	4°R27	11♌39	24°D30	25♊11	18♉ 3	17♎49	F 1
S 2	0 55 11	11°57'38	5♋35	6° 5	29°26	1°33	4♓33	25°17	25°30	4♈25	11°40	24°R30	25° 8	18° 9	17°58	S 2
S 3	0 59 8	12°57'33	19°41	6°59	0♍35	2° 6	4°28	25°24	25°34	4°23	11°41	24♊30	25° 5	18°16	18° 6	S 3
M 4	1 3 4	13°57'30	3♌49	7°51	1°45	2°38	4°24	25°31	25°38	4°22	11°42	24°28	25° 2	18°23	18°14	M 4
T 5	1 7 1	14°57'30	17°59	8°38	2°55	3°11	4°19	25°38	25°41	4°20	11°43	24°25	24°58	18°29	18°22	T 5
W 6	1 10 57	15°57'32	2♍ 8	9°21	4° 4	3°43	4°15	25°45	25°45	4°18	11°44	24°18	24°55	18°36	18°31	W 6
T 7	1 14 54	16°57'35	16°13	10° 0	5°14	4°15	4°11	25°52	25°49	4°17	11°45	24° 9	24°52	18°43	18°39	T 7
F 8	1 18 50	17°57'41	0♎ 9	10°33	6°25	4°47	4° 7	25°59	25°52	4°15	11°46	23°58	24°49	18°49	18°47	F 8
S 9	1 22 47	18°57'49	13°52	11° 0	7°35	5°19	4° 4	26° 6	25°56	4°13	11°47	23°47	24°46	18°56	18°55	S 9
S 10	1 26 44	19°57'59	27°19	11°21	8°45	5°51	4° 0	26°13	26° 0	4°12	11°48	23°36	24°42	19° 3	19° 3	S 10
M11	1 30 40	20°58'11	10♏27	11°35	9°56	6°22	3°57	26°21	26° 4	4°10	11°49	23°27	24°39	19° 9	19°12	M11
T 12	1 34 37	21°58'24	23°15	11°R40	11° 6	6°54	3°54	26°28	26° 7	4° 9	11°50	23°20	24°36	19°16	19°20	T 12
W13	1 38 33	22°58'39	5♐45	11°38	12°17	7°25	3°51	26°35	26°11	4° 7	11°51	23°16	24°33	19°23	19°28	W13
T 14	1 42 30	23°58'56	17°58	11°26	13°28	7°56	3°49	26°42	26°15	4° 5	11°52	23°D15	24°30	19°29	19°36	T 14
F 15	1 46 26	24°59'15	29°57	11° 5	14°39	8°27	3°46	26°49	26°19	4° 4	11°53	23°15	24°27	19°36	19°44	F 15
S 16	1 50 23	25°59'35	11♑49	10°34	15°50	8°57	3°44	26°56	26°22	4° 2	11°53	23°16	24°23	19°43	19°53	S 16
S 17	1 54 19	26°59'57	23°37	9°53	17° 2	9°28	3°42	27° 3	26°26	4° 1	11°54	23°R16	24°20	19°49	20° 1	S 17
M18	1 58 16	28° 0'20	5♒28	9° 3	18°13	9°58	3°40	27°11	26°30	3°59	11°55	23°16	24°17	19°56	20° 9	M18
T 19	2 2 13	29° 0'44	17°26	8° 3	19°25	10°29	3°39	27°18	26°34	3°58	11°55	23°14	24°14	20° 3	20°17	T 19
W20	2 6 9	0♏ 1'10	29°37	6°56	20°36	10°59	3°37	27°25	26°37	3°56	11°56	23°10	24°11	20° 9	20°25	W20
T 21	2 10 6	1° 1'37	12♓ 4	5°42	21°48	11°28	3°36	27°32	26°41	3°55	11°57	23° 3	24° 8	20°16	20°34	T 21
F 22	2 14 2	2° 2'06	24°51	4°23	23° 0	11°58	3°35	27°39	26°45	3°54	11°57	22°55	24° 4	20°23	20°42	F 22
S 23	2 17 59	3° 2'36	7♈59	3° 3	24°12	12°28	3°34	27°46	26°49	3°52	11°58	22°47	24° 1	20°29	20°50	S 23
S 24	2 21 55	4° 3'08	21°28	1°42	25°24	12°57	3°34	27°53	26°52	3°51	11°58	22°38	23°58	20°36	20°58	S 24
M25	2 25 52	5° 3'41	5♉15	0°26	26°36	13°26	3°33	28° 0	26°56	3°49	11°59	22°30	23°55	20°43	21° 6	M25
T 26	2 29 48	6° 4'16	19°18	29♎14	27°48	13°55	3°D33	28° 8	27° 0	3°48	11°59	22°24	23°52	20°49	21°14	T 26
W27	2 33 45	7° 4'53	3♊31	28°11	29° 1	14°24	3°33	28°15	27° 3	3°47	12° 0	22°20	23°48	20°56	21°22	W27
T 28	2 37 41	8° 5'31	17°49	27°17	0♎13	14°52	3°33	28°22	27° 7	3°45	12° 0	22°D19	23°45	21° 3	21°30	T 28
F 29	2 41 38	9° 6'11	2♋10	26°34	1°26	15°20	3°34	28°29	27°11	3°44	12° 1	22°19	23°42	21° 9	21°38	F 29
S 30	2 45 35	10° 6'53	16°27	26° 3	2°38	15°49	3°34	28°36	27°15	3°43	12° 1	22°20	23°39	21°16	21°46	S 30
S 31	2 49 31	11♏ 7'36	0♌40	25♎43	3♎51	16♌16	3♓35	28♎43	27♎18	3♈41	12♌ 1	22♊21	23♊36	21♉23	21♎54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	4s22	23n 4	0s16	15s59	2s51	12n42	0n35	21n21	1n18	11s21	1s35	7s43	2n15	9s27	0n29	0n 8	1s48	27n25	10n27	23n29	23n31	24s22	9s50	3s 1	F 1
S 2	4 46	24 28	0n59	16 22	2 54	12 21	0 39	21 14	1 19	11 23	1 35	7 46	2 15	9 29	0 29	0 7	1 48	27 25	10 27	23 29	23 31	24 22	9 53	3 1	S 2
S 3	5 9	24 17	2 10	16 43	2 56	12 0	0 42	21 8	1 20	11 25	1 35	7 48	2 14	9 30	0 29	0 6	1 48	27 25	10 28	23 29	23 31	24 22	9 55	3 1	S 3
M 4	5 33	22 33	3 13	17 2	2 58	11 38	0 46	21 1	1 21	11 26	1 35	7 51	2 14	9 31	0 29	0 6	1 48	27 25	10 28	23 29	23 31	24 22	9 58	3 0	M 4
T 5	5 56	19 25	4 4	17 19	3 0	11 16	0 49	20 55	1 22	11 27	1 35	7 53	2 14	9 33	0 29	0 5	1 48	27 25	10 28	23 29	23 31	24 21	10 1	3 0	T 5
W 6	6 19	15 9	4 41	17 33	3 0	10 54	0 53	20 48	1 23	11 29	1 34	7 56	2 14	9 34	0 29	0 5	1 48	27 25	10 29	23 29	23 30	24 21	10 4	2 59	W 6
T 7	6 42	10 4	5 0	17 45	3 0	10 32	0 56	20 42	1 25	11 30	1 34	7 59	2 14	9 36	0 29	0 4	1 48	27 25	10 29	23 28	23 30	24 21	10 7	2 59	T 7
F 8	7 6	4 32	5 1	17 55	2 59	10 9	1 0	20 35	1 26	11 31	1 34	8 1	2 14	9 37	0 29	0 3	1 48	27 25	10 29	23 28	23 30	24 21	10 10	2 59	F 8
S 9	7 29	1s 8	4 45	18 2	2 57	9 45	1 3	20 28	1 27	11 32	1 34	8 4	2 14	9 38	0 29	0 3	1 48	27 25	10 30	23 27	23 30	24 21	10 12	2 58	S 9
S 10	7 52	6 40	4 13	18 5	2 54	9 22	1 6	20 21	1 28	11 33	1 34	8 7	2 14	9 40	0 29	0 2	1 48	27 25	10 30	23 27	23 30	24 21	10 15	2 58	S 10
M11	8 14	11 46	3 28	18 5	2 49	8 58	1 9	20 15	1 29	11 34	1 33	8 9	2 14	9 41	0 29	0 1	1 48	27 25	10 30	23 27	23 30	24 21	10 18	2 58	M11
T 12	8 37	16 15	2 33	18 2	2 44	8 33	1 12	20 8	1 30	11 35	1 33	8 12	2 14	9 42	0 29	0 1	1 48	27 25	10 31	23 26	23 30	24 20	10 21	2 58	T 12
W13	9 0	19 54	1 32	17 54	2 37	8 9	1 15	20 1	1 31	11 36	1 33	8 14	2 14	9 44	0 29	0 0	1 48	27 25	10 31	23 26	23 30	24 20	10 24	2 57	W13
T 14	9 22	22 35	0 28	17 43	2 28	7 44	1 17	19 54	1 32	11 37	1 33	8 17	2 14	9 45	0 29	0s 0	1 48	27 26	10 32	23 26	23 29	24 20	10 27	2 57	T 14
F 15	9 44	24 12	0s36	17 26	2 18	7 19	1 20	19 47	1 33	11 38	1 32	8 20	2 14	9 46	0 29	0 1	1 48	27 26	10 32	23 26	23 29	24 20	10 30	2 57	F 15
S 16	10 6	24 42	1 38	17 5	2 6	6 53	1 22	19 40	1 35	11 38	1 32	8 22	2 14	9 48	0 29	0 2	1 48	27 26	10 32	23 26	23 29	24 20	10 32	2 56	S 16
S 17	10 28	24 5	2 36	16 39	1 52	6 27	1 25	19 33	1 36	11 39	1 32	8 25	2 14	9 49	0 29	0 2	1 48	27 26	10 33	23 26	23 29	24 19	10 35	2 56	S 17
M18	10 50	22 22	3 27	16 8	1 36	6 2	1 27	19 25	1 37	11 39	1 32	8 27	2 14	9 51	0 29	0 3	1 48	27 26	10 33	23 26	23 29	24 19	10 38	2 56	M18
T 19	11 12	19 40	4 9	15 33	1 19	5 35	1 29	19 18	1 38	11 40	1 31	8 30	2 14	9 52	0 29	0 3	1 48	27 26	10 33	23 26	23 29	24 19	10 41	2 55	T 19
W20	11 33	16 4	4 42	14 53	1 1	5 9	1 32	19 11	1 39	11 40	1 31	8 33	2 14	9 53	0 29	0 4	1 48	27 26	10 34	23 26	23 29	24 19	10 44	2 55	W20
T 21	11 55	11 43	5 1	14 10	0 41	4 42	1 34	19 4	1 40	11 40	1 31	8 35	2 14	9 55	0 29	0 5	1 48	27 27	10 34	23 25	23 28	24 19	10 47	2 55	T 21
F 22	12 16	6 45	5 7	13 24	0 21	4 16	1 36	18 57	1 42	11 40	1 31	8 38	2 14	9 56	0 29	0 5	1 48	27 27	10 34	23 25	23 28	24 18	10 50	2 55	F 22
S 23	12 37	1 21	4 56	12 37	0 0	3 49	1 38	18 50	1 43	11 40	1 30	8 40	2 14	9 57	0 29	0 6	1 47	27 27	10 35	23 24	23 28	24 18	10 52	2 54	S 23
S 24	12 57	4n16	4 29	11 50	0n20	3 21	1 39	18 42	1 44	11 40	1 30	8 43	2 14	9 59	0 29	0 6	1 47	27 27	10 35	23 24	23 28	24 18	10 55	2 54	S 24
M25	13 18	9 48	3 46	11 4	0 40	2 54	1 41	18 35	1 45	11 40	1 30	8 45	2 14	10 0	0 29	0 7	1 47	27 27	10 36	23 23	23 28	24 18	10 58	2 54	M25
T 26	13 38	14 58	2 49	10 22	0 59	2 27	1 43	18 28	1 46	11 40	1 30	8 48	2 14	10 1	0 29	0 7	1 47	27 28	10 36	23 23	23 28	24 17	11 1	2 54	T 26
W27	13 58	19 22	1 40	9 43	1 17	1 59	1 44	18 21	1 48	11 40	1 29	8 50	2 14	10 3	0 29	0 8	1 47	27 28	10 36	23 23	23 28	24 17	11 4	2 53	W27
T 28	14 18	22 38	0 24	9 9	1 32	1 31	1 45	18 13	1 49	11 39	1 29	8 53	2 14	10 4	0 29	0 8	1 47	27 28	10 37	23 23	23 27	24 17	11 7	2 53	T 28
F 29	14 38	24 28	0n53	8 40	1 46	1 3	1 47	18 6	1 50	11 39	1 29	8 55	2 14	10 6	0 29	0 9	1 47	27 28	10 37	23 23	23 27	24 17	11 9	2 53	F 29
S 30	14 57	24 41	2 7	8 18	1 58	0 36	1 48	17 59	1 52	11 38	1 29	8 58	2 14	10 7	0 29	0 9	1 47	27 29	10 38	23 23	23 27	24 16	11 12	2 53	S 30
S 31	15s16	23n17	3n13	8s 1	2n 8	0n 7	1n49	17n52	1n53	11s38	1s28	9s 0	2n14	10s 8	0n29	0s10	1s47	27n29	10n38	23n23	23n27	24s16	11s15	2s52	S 31

Julian Day Number = 1983215.5, Delta T = 58m08s
Ecliptic obliquity = 23°36'19, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'46, Lahiri = 5°59'47 Julian Calendar 1 Oct. 717 == Greg. Calendar 5 Oct. 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

NOVEMBER 717 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 53 28	12♏ 8'21	14♌47	25°D35	5♎ 4	16♌44	3♓36	28♎50	27♎22	3°R40	12♌ 2	22°R22	23♊33	21♉29	22♎ 2	M 1
T 2	2 57 24	13° 9'08	28°46	25♎38	6°17	17°12	3°38	28°57	27°26	3♈39	12° 2	22♊21	23°29	21°36	22°10	T 2
W 3	3 1 21	14° 9'56	12♍35	25°51	7°30	17°39	3°39	29° 4	27°29	3°38	12° 2	22°18	23°26	21°43	22°18	W 3
T 4	3 5 17	15°10'46	26°15	26°14	8°43	18° 6	3°41	29°11	27°33	3°37	12° 2	22°13	23°23	21°49	22°25	T 4
F 5	3 9 14	16°11'37	9♎45	26°45	9°56	18°32	3°43	29°18	27°36	3°35	12° 3	22° 7	23°20	21°56	22°33	F 5
S 6	3 13 11	17°12'30	23° 1	27°24	11° 9	18°59	3°45	29°25	27°40	3°34	12° 3	22° 1	23°17	22° 2	22°41	S 6
S 7	3 17 7	18°13'24	6♏ 4	28°10	12°22	19°25	3°47	29°32	27°44	3°33	12° 3	21°55	23°13	22° 9	22°49	S 7
M 8	3 21 4	19°14'19	18°53	29° 3	13°36	19°51	3°50	29°39	27°47	3°32	12° 3	21°50	23°10	22°16	22°56	M 8
T 9	3 25 0	20°15'16	1♐27	0♏ 0	14°49	20°17	3°52	29°45	27°51	3°31	12° 3	21°47	23° 7	22°22	23° 4	T 9
W10	3 28 57	21°16'14	13°47	1° 2	16° 3	20°42	3°55	29°52	27°54	3°30	12°R 3	21°45	23° 4	22°29	23°12	W10
T 11	3 32 53	22°17'12	25°54	2° 9	17°16	21° 7	3°58	29°59	27°58	3°29	12° 3	21°D45	23° 1	22°36	23°19	T 11
F 12	3 36 50	23°18'12	7♑52	3°18	18°30	21°32	4° 2	0♏ 6	28° 1	3°28	12° 3	21°46	22°58	22°42	23°27	F 12
S 13	3 40 46	24°19'12	19°42	4°31	19°43	21°57	4° 5	0°13	28° 5	3°27	12° 3	21°47	22°54	22°49	23°34	S 13
S 14	3 44 43	25°20'14	1♒30	5°47	20°57	22°21	4° 9	0°19	28° 8	3°26	12° 3	21°49	22°51	22°56	23°42	S 14
M15	3 48 40	26°21'16	13°20	7° 4	22°11	22°45	4°13	0°26	28°12	3°25	12° 3	21°51	22°48	23° 2	23°49	M15
T 16	3 52 36	27°22'18	25°17	8°24	23°25	23° 9	4°17	0°33	28°15	3°25	12° 2	21°R52	22°45	23° 9	23°57	T 16
W17	3 56 33	28°23'21	7♓25	9°45	24°38	23°32	4°21	0°39	28°18	3°24	12° 2	21°51	22°42	23°16	24° 4	W17
T 18	4 0 29	29°24'25	19°50	11° 8	25°52	23°55	4°26	0°46	28°22	3°23	12° 2	21°50	22°39	23°22	24°11	T 18
F 19	4 4 26	0♗25'29	2♈36	12°32	27° 6	24°18	4°30	0°52	28°25	3°22	12° 2	21°47	22°35	23°29	24°19	F 19
S 20	4 8 22	1°26'34	15°45	13°57	28°20	24°41	4°35	0°59	28°28	3°22	12° 2	21°45	22°32	23°36	24°26	S 20
S 21	4 12 19	2°27'39	29°20	15°23	29°34	25° 3	4°40	1° 5	28°32	3°21	12° 1	21°42	22°29	23°42	24°33	S 21
M22	4 16 15	3°28'45	13♉19	16°50	0♏48	25°25	4°45	1°12	28°35	3°20	12° 1	21°39	22°26	23°49	24°40	M22
T 23	4 20 12	4°29'51	27°39	18°17	2° 2	25°46	4°51	1°18	28°38	3°20	12° 1	21°37	22°23	23°56	24°47	T 23
W24	4 24 9	5°30'58	12♊16	19°45	3°16	26° 7	4°56	1°24	28°41	3°19	12° 0	21°36	22°19	24° 2	24°54	W24
T 25	4 28 5	6°32'06	27° 2	21°14	4°31	26°28	5° 2	1°31	28°45	3°18	12° 0	21°D36	22°16	24° 9	25° 1	T 25
F 26	4 32 2	7°33'14	11♋50	22°43	5°45	26°48	5° 8	1°37	28°48	3°18	11°59	21°36	22°13	24°16	25° 8	F 26
S 27	4 35 58	8°34'23	26°34	24°13	6°59	27° 8	5°14	1°43	28°51	3°17	11°59	21°37	22°10	24°22	25°15	S 27
S 28	4 39 55	9°35'33	11♌ 8	25°43	8°13	27°28	5°20	1°49	28°54	3°17	11°58	21°38	22° 7	24°29	25°21	S 28
M29	4 43 51	10°36'44	25°27	27°13	9°28	27°47	5°27	1°56	28°57	3°16	11°58	21°39	22° 4	24°36	25°28	M29
T 30	4 47 48	11♐37'55	9♍28	28♏44	10♏42	28♌ 6	5♓33	2♏ 2	29♎ 0	3♈16	11♌57	21°R40	22♊ 0	24♉42	25♎35	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s35	20n26	4n 7	7s51	2n16	0s21	1n50	17n44	1n54	11s37	1s28	9s 3	2n14	10s10	0n29	0s10	1s47	27n29	10n38	23n23	23n27	24s16	11s18	2s52
T 2	15 54	16 26	4 45	7 46	2 22	0 49	1 51	17 37	1 55	11 37	1 28	9 5	2 14	10 11	0 29	0 11	1 47	27 29	10 39	23 23	23 27	24 15	11 20	2 52
W 3	16 12	11 35	5 6	7 47	2 26	1 17	1 52	17 30	1 57	11 36	1 28	9 8	2 14	10 12	0 29	0 11	1 47	27 30	10 39	23 23	23 26	24 15	11 23	2 52
T 4	16 30	6 14	5 10	7 53	2 29	1 45	1 53	17 23	1 58	11 35	1 27	9 10	2 14	10 13	0 29	0 11	1 47	27 30	10 40	23 22	23 26	24 15	11 26	2 51
F 5	16 48	0 39	4 56	8 3	2 30	2 14	1 53	17 16	2 0	11 34	1 27	9 13	2 14	10 15	0 29	0 12	1 47	27 30	10 40	23 22	23 26	24 14	11 29	2 51
S 6	17 5	4s53	4 27	8 17	2 31	2 42	1 54	17 9	2 1	11 33	1 27	9 15	2 14	10 16	0 29	0 12	1 47	27 31	10 40	23 22	23 26	24 14	11 31	2 51
S 7	17 22	10 7	3 44	8 34	2 29	3 10	1 54	17 2	2 2	11 32	1 27	9 17	2 14	10 17	0 29	0 13	1 47	27 31	10 41	23 21	23 26	24 14	11 34	2 51
M 8	17 39	14 50	2 50	8 55	2 27	3 39	1 54	16 55	2 4	11 31	1 26	9 20	2 14	10 19	0 29	0 13	1 47	27 31	10 41	23 21	23 26	24 13	11 37	2 51
T 9	17 56	18 49	1 49	9 18	2 25	4 7	1 55	16 48	2 5	11 30	1 26	9 22	2 14	10 20	0 29	0 13	1 47	27 32	10 41	23 21	23 25	24 13	11 40	2 50
W10	18 12	21 54	0 44	9 43	2 21	4 35	1 55	16 41	2 6	11 28	1 26	9 24	2 14	10 21	0 29	0 14	1 47	27 32	10 42	23 21	23 25	24 13	11 42	2 50
T 11	18 28	23 55	0s23	10 10	2 17	5 4	1 55	16 34	2 8	11 27	1 26	9 27	2 15	10 22	0 29	0 14	1 47	27 32	10 42	23 21	23 25	24 12	11 45	2 50
F 12	18 44	24 49	1 27	10 38	2 12	5 32	1 55	16 28	2 9	11 25	1 25	9 29	2 15	10 24	0 29	0 15	1 47	27 33	10 43	23 21	23 25	24 12	11 48	2 50
S 13	18 59	24 35	2 28	11 8	2 7	6 0	1 55	16 21	2 11	11 24	1 25	9 31	2 15	10 25	0 29	0 15	1 47	27 33	10 43	23 21	23 25	24 12	11 50	2 50
S 14	19 14	23 14	3 22	11 38	2 1	6 28	1 55	16 14	2 12	11 22	1 25	9 34	2 15	10 26	0 29	0 15	1 47	27 34	10 43	23 21	23 25	24 11	11 53	2 49
M15	19 28	20 52	4 7	12 10	1 55	6 56	1 54	16 8	2 14	11 21	1 25	9 36	2 15	10 27	0 29	0 16	1 47	27 34	10 44	23 21	23 24	24 11	11 55	2 49
T 16	19 43	17 36	4 42	12 41	1 49	7 23	1 54	16 1	2 15	11 19	1 24	9 38	2 15	10 29	0 29	0 16	1 47	27 34	10 44	23 21	23 24	24 10	11 58	2 49
W17	19 56	13 33	5 5	13 14	1 42	7 51	1 54	15 55	2 17	11 17	1 24	9 40	2 15	10 30	0 29	0 16	1 47	27 35	10 45	23 21	23 24	24 10	12 1	2 49
T 18	20 10	8 52	5 15	13 46	1 35	8 19	1 53	15 49	2 18	11 15	1 24	9 43	2 15	10 31	0 29	0 16	1 46	27 35	10 45	23 21	23 24	24 10	12 3	2 49
F 19	20 23	3 41	5 10	14 18	1 28	8 46	1 52	15 42	2 20	11 13	1 24	9 45	2 15	10 32	0 29	0 17	1 46	27 36	10 45	23 21	23 24	24 9	12 6	2 48
S 20	20 36	1n49	4 48	14 51	1 21	9 13	1 52	15 36	2 21	11 11	1 23	9 47	2 15	10 33	0 29	0 17	1 46	27 36	10 46	23 21	23 24	24 9	12 8	2 48
S 21	20 48	7 25	4 10	15 23	1 14	9 40	1 51	15 30	2 23	11 9	1 23	9 49	2 15	10 35	0 29	0 17	1 46	27 37	10 46	23 21	23 23	24 8	12 11	2 48
M22	21 0	12 49	3 16	15 55	1 7	10 7	1 50	15 24	2 24	11 7	1 23	9 51	2 15	10 36	0 29	0 17	1 46	27 37	10 46	23 20	23 23	24 8	12 13	2 48
T 23	21 11	17 41	2 9	16 27	0 59	10 33	1 49	15 18	2 26	11 5	1 23	9 53	2 15	10 37	0 29	0 18	1 46	27 37	10 47	23 20	23 23	24 8	12 16	2 48
W24	21 22	21 34	0 51	16 58	0 52	11 0	1 48	15 13	2 28	11 3	1 22	9 56	2 16	10 38	0 29	0 18	1 46	27 38	10 47	23 20	23 23	24 7	12 18	2 48
T 25	21 33	24 4	0n30	17 29	0 45	11 26	1 47	15 7	2 29	11 0	1 22	9 58	2 16	10 39	0 29	0 18	1 46	27 38	10 48	23 20	23 23	24 7	12 21	2 47
F 26	21 43	24 54	1 50	17 59	0 37	11 52	1 46	15 2	2 31	10 58	1 22	10 0	2 16	10 40	0 29	0 18	1 46	27 39	10 48	23 20	23 22	24 6	12 23	2 47
S 27	21 53	23 58	3 2	18 28	0 30	12 17	1 45	14 56	2 33	10 55	1 22	10 2	2 16	10 41	0 29	0 18	1 46	27 39	10 48	23 20	23 22	24 6	12 25	2 47
S 28	22 3	21 25	4 1	18 57	0 23	12 43	1 43	14 51	2 34	10 53	1 21	10 4	2 16	10 42	0 29	0 18	1 46	27 40	10 49	23 20	23 22	24 5	12 28	2 47
M29	22 12	17 35	4 45	19 25	0 15	13 8	1 42	14 46	2 36	10 50	1 21	10 6	2 16	10 43	0 29	0 18	1 46	27 40	10 49	23 20	23 22	24 5	12 30	2 47
T 30	22s20	12n51	5n10	19s53	0n 8	13s33	1n41	14n41	2n38	10s48	1s21	10s 8	2n16	10s45	0n29	0s19	1s46	27n41	10n49	23n20	23n22	24s 4	12s32	2s47

Julian Day Number = 1983246.5, Delta T = 58m07s
Ecliptic obliquity = 23°36'19, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'50, Lahiri = 5°59'51 Julian Calendar 1 Nov. 717 == Greg. Calendar 5 Nov. 717

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ASTRODIENST EPHEMERIS for the year 717
geocentric

DECEMBER 717 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 51 44	12♐39'06	23♍12	0♐15	11♏56	28♌24	5♓40	2♏ 8	29♎ 3	3°R16	11°R57	21°R39	21♊57	24♉49	25♎41	W 1
T 2	4 55 41	13°40'19	6♎39	1°46	13°11	28°42	5°47	2°14	29° 6	3♈15	11♌56	21♊39	21°54	24°56	25°48	T 2
F 3	4 59 38	14°41'31	19°48	3°18	14°25	28°59	5°54	2°19	29° 9	3°15	11°55	21°38	21°51	25° 2	25°54	F 3
S 4	5 3 34	15°42'45	2♏42	4°50	15°40	29°16	6° 1	2°25	29°12	3°15	11°55	21°37	21°48	25° 9	26° 1	S 4
S 5	5 7 31	16°43'59	15°23	6°22	16°54	29°33	6° 9	2°31	29°15	3°15	11°54	21°36	21°45	25°16	26° 7	S 5
M 6	5 11 27	17°45'13	27°51	7°54	18° 9	29°49	6°16	2°37	29°17	3°14	11°53	21°36	21°41	25°22	26°13	M 6
T 7	5 15 24	18°46'27	10♐ 8	9°27	19°23	0♍ 5	6°24	2°43	29°20	3°14	11°52	21°36	21°38	25°29	26°20	T 7
W 8	5 19 20	19°47'42	22°15	11° 0	20°38	0°20	6°32	2°48	29°23	3°14	11°52	21°D36	21°35	25°36	26°26	W 8
T 9	5 23 17	20°48'56	4♑15	12°34	21°52	0°35	6°40	2°54	29°26	3°14	11°51	21°36	21°32	25°43	26°32	T 9
F 10	5 27 13	21°50'11	16° 8	14° 7	23° 7	0°49	6°48	2°59	29°28	3°14	11°50	21°R36	21°29	25°49	26°38	F 10
S 11	5 31 10	22°51'25	27°57	15°41	24°22	1° 2	6°56	3° 5	29°31	3°D14	11°49	21°36	21°25	25°56	26°44	S 11
S 12	5 35 7	23°52'40	9♒46	17°16	25°36	1°16	7° 5	3°10	29°33	3°14	11°48	21°35	21°22	26° 3	26°49	S 12
M13	5 39 3	24°53'53	21°36	18°50	26°51	1°28	7°13	3°15	29°36	3°14	11°47	21°35	21°19	26° 9	26°55	M13
T 14	5 43 0	25°55'07	3♓32	20°26	28° 5	1°40	7°22	3°21	29°38	3°14	11°46	21°35	21°16	26°16	27° 1	T 14
W15	5 46 56	26°56'20	15°38	22° 1	29°20	1°52	7°31	3°26	29°41	3°14	11°45	21°34	21°13	26°23	27° 6	W15
T 16	5 50 53	27°57'32	27°58	23°37	0♐35	2° 3	7°40	3°31	29°43	3°14	11°44	21°D34	21°10	26°29	27°12	T 16
F 17	5 54 49	28°58'44	10♈38	25°13	1°49	2°13	7°49	3°36	29°46	3°15	11°43	21°34	21° 6	26°36	27°17	F 17
S 18	5 58 46	29°59'55	23°40	26°50	3° 4	2°23	7°58	3°41	29°48	3°15	11°42	21°35	21° 3	26°43	27°23	S 18
S 19	6 2 43	1♑ 1'06	7♉ 8	28°27	4°19	2°32	8° 8	3°46	29°50	3°15	11°41	21°36	21° 0	26°49	27°28	S 19
M20	6 6 39	2° 2'16	21° 3	0♑ 4	5°34	2°40	8°17	3°51	29°52	3°15	11°40	21°37	20°57	26°56	27°33	M20
T 21	6 10 36	3° 3'26	5♊25	1°42	6°48	2°48	8°27	3°55	29°55	3°16	11°39	21°37	20°54	27° 3	27°38	T 21
W22	6 14 32	4° 4'35	20°10	3°21	8° 3	2°55	8°37	4° 0	29°57	3°16	11°38	21°R38	20°51	27° 9	27°43	W22
T 23	6 18 29	5° 5'43	5♋12	5° 0	9°18	3° 2	8°47	4° 5	29°59	3°16	11°37	21°37	20°47	27°16	27°48	T 23
F 24	6 22 25	6° 6'51	20°22	6°39	10°33	3° 8	8°57	4° 9	0♏ 1	3°17	11°36	21°36	20°44	27°23	27°53	F 24
S 25	6 26 22	7° 7'58	5♌31	8°19	11°47	3°13	9° 7	4°14	0° 3	3°17	11°35	21°35	20°41	27°29	27°58	S 25
S 26	6 30 18	8° 9'05	20°29	10° 0	13° 2	3°18	9°17	4°18	0° 5	3°18	11°34	21°32	20°38	27°36	28° 2	S 26
M27	6 34 15	9°10'11	5♍ 9	11°41	14°17	3°22	9°28	4°22	0° 7	3°18	11°32	21°30	20°35	27°43	28° 7	M27
T 28	6 38 12	10°11'17	19°26	13°23	15°32	3°25	9°38	4°27	0° 9	3°19	11°31	21°28	20°31	27°49	28°11	T 28
W29	6 42 8	11°12'23	3♎17	15° 5	16°46	3°28	9°49	4°31	0°11	3°20	11°30	21°27	20°28	27°56	28°16	W29
T 30	6 46 5	12°13'28	16°43	16°47	18° 1	3°30	10° 0	4°35	0°12	3°20	11°29	21°D27	20°25	28° 3	28°20	T 30
F 31	6 50 1	13♑14'32	29♎45	18♑30	19♐16	3♍31	10♓11	4♏39	0♏14	3♈21	11♌27	21♊28	20♊22	28♉ 9	28♎24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s28	7n34	5n17	20s19	0n 1	13s57	1n39	14n36	2n39	10s45	1s21	10s10	2n16	10s46	0n29	0s19	1s46	27n41	10n50	23n20	23n22	24s 4	12s35	2s47	
T 2	22 36	2 2	5 7	20 45	0s 6	14 21	1 38	14 31	2 41	10 42	1 20	10 12	2 16	10 47	0 29	0 19	1 46	27 42	10 50	23 20	23 21	24 3	12 37	2 46	
F 3	22 43	3s29	4 40	21 10	0 13	14 45	1 36	14 27	2 43	10 39	1 20	10 14	2 17	10 48	0 29	0 19	1 46	27 42	10 50	23 20	23 21	24 3	12 39	2 46	
S 4	22 50	8 45	3 59	21 34	0 19	15 8	1 34	14 22	2 45	10 36	1 20	10 16	2 17	10 49	0 29	0 19	1 46	27 43	10 51	23 20	23 21	24 2	12 41	2 46	
S 5	22 56	13 34	3 8	21 57	0 26	15 31	1 33	14 18	2 46	10 33	1 20	10 17	2 17	10 50	0 29	0 19	1 46	27 44	10 51	23 20	23 21	24 2	12 44	2 46	
M 6	23 2	17 44	2 8	22 19	0 33	15 54	1 31	14 14	2 48	10 30	1 20	10 19	2 17	10 51	0 29	0 19	1 46	27 44	10 51	23 20	23 21	24 1	12 46	2 46	
T 7	23 8	21 5	1 3	22 40	0 39	16 16	1 29	14 10	2 50	10 27	1 19	10 21	2 17	10 52	0 29	0 19	1 45	27 45	10 52	23 20	23 20	24 1	12 48	2 46	
W 8	23 13	23 26	0s 4	23 0	0 45	16 38	1 27	14 6	2 52	10 24	1 19	10 23	2 17	10 53	0 29	0 19	1 45	27 45	10 52	23 20	23 20	24 0	12 50	2 46	
T 9	23 17	24 42	1 10	23 18	0 51	16 59	1 25	14 3	2 54	10 21	1 19	10 25	2 17	10 54	0 29	0 19	1 45	27 46	10 52	23 20	23 20	24 0	12 52	2 46	
F 10	23 21	24 49	2 12	23 36	0 57	17 20	1 23	14 0	2 56	10 18	1 19	10 26	2 18	10 55	0 29	0 19	1 45	27 46	10 53	23 20	23 20	23 59	12 54	2 45	
S 11	23 25	23 48	3 9	23 53	1 3	17 41	1 21	13 56	2 57	10 14	1 18	10 28	2 18	10 55	0 29	0 19	1 45	27 47	10 53	23 20	23 20	23 58	12 56	2 45	
S 12	23 28	21 44	3 57	24 8	1 9	18 1	1 19	13 53	2 59	10 11	1 18	10 30	2 18	10 56	0 29	0 19	1 45	27 47	10 53	23 20	23 19	23 58	12 58	2 45	
M13	23 30	18 44	4 35	24 22	1 14	18 21	1 17	13 51	3 1	10 7	1 18	10 31	2 18	10 57	0 29	0 19	1 45	27 48	10 54	23 20	23 19	23 57	13 0	2 45	
T 14	23 33	14 58	5 2	24 34	1 19	18 40	1 15	13 48	3 3	10 4	1 18	10 33	2 18	10 58	0 29	0 19	1 45	27 49	10 54	23 20	23 19	23 57	13 2	2 45	
W15	23 34	10 33	5 16	24 46	1 24	18 58	1 12	13 46	3 5	10 0	1 18	10 35	2 18	10 59	0 29	0 19	1 45	27 49	10 54	23 20	23 19	23 56	13 4	2 45	
T 16	23 35	5 38	5 16	24 56	1 29	19 16	1 10	13 44	3 7	9 57	1 17	10 36	2 18	11 0	0 29	0 18	1 45	27 50	10 55	23 20	23 18	23 56	13 6	2 45	
F 17	23 36	0 22	5 0	25 4	1 33	19 34	1 8	13 42	3 9	9 53	1 17	10 38	2 19	11 1	0 29	0 18	1 45	27 50	10 55	23 20	23 18	23 55	13 8	2 45	
S 18	23 36	5n 5	4 29	25 11	1 38	19 51	1 5	13 40	3 11	9 50	1 17	10 39	2 19	11 1	0 29	0 18	1 45	27 51	10 55	23 20	23 18	23 54	13 10	2 45	
S 19	23 36	10 29	3 43	25 17	1 41	20 7	1 3	13 38	3 13	9 46	1 17	10 41	2 19	11 2	0 29	0 18	1 45	27 51	10 56	23 20	23 18	23 54	13 12	2 45	
M20	23 35	15 33	2 42	25 21	1 45	20 23	1 1	13 37	3 15	9 42	1 17	10 42	2 19	11 3	0 29	0 18	1 45	27 52	10 56	23 20	23 18	23 53	13 14	2 44	
T 21	23 34	19 54	1 29	25 24	1 49	20 38	0 58	13 36	3 17	9 38	1 16	10 44	2 19	11 4	0 29	0 18	1 45	27 53	10 56	23 20	23 17	23 53	13 15	2 44	
W22	23 33	23 6	0 8	25 25	1 52	20 53	0 56	13 35	3 19	9 34	1 16	10 45	2 19	11 4	0 29	0 17	1 45	27 53	10 56	23 20	23 17	23 52	13 17	2 44	
T 23	23 30	24 45	1n15	25 25	1 55	21 7	0 53	13 35	3 21	9 30	1 16	10 47	2 20	11 5	0 29	0 17	1 45	27 54	10 57	23 20	23 17	23 51	13 19	2 44	
F 24	23 28	24 34	2 33	25 23	1 57	21 21	0 51	13 35	3 23	9 26	1 16	10 48	2 20	11 6	0 29	0 17	1 45	27 54	10 57	23 20	23 17	23 51	13 21	2 44	
S 25	23 25	22 34	3 40	25 19	1 59	21 34	0 48	13 34	3 25	9 22	1 16	10 49	2 20	11 7	0 29	0 17	1 44	27 55	10 57	23 20	23 17	23 50	13 22	2 44	
S 26	23 21	19 2	4 31	25 14	2 1	21 46	0 46	13 35	3 27	9 18	1 16	10 51	2 20	11 7	0 29	0 17	1 44	27 56	10 57	23 20	23 16	23 49	13 24	2 44	
M27	23 17	14 23	5 3	25 7	2 2	21 58	0 43	13 35	3 29	9 14	1 15	10 52	2 20	11 8	0 29	0 16	1 44	27 56	10 58	23 20	23 16	23 49	13 25	2 44	
T 28	23 13	9 3	5 16	24 58	2 3	22 9	0 40	13 36	3 31	9 10	1 15	10 53	2 21	11 9	0 29	0 16	1 44	27 57	10 58	23 20	23 16	23 48	13 27	2 44	
W29	23 8	3 25	5 9	24 48	2 4	22 19	0 38	13 37	3 33	9 6	1 15	10 54	2 21	11 9	0 29	0 16	1 44	27 57	10 58	23 20	23 16	23 47	13 28	2 44	
T 30	23 2	2s13	4 46	24 36	2 4	22 29	0 35	13 38	3 35	9 2	1 15	10 56	2 21	11 10	0 29	0 15	1 44	27 58	10 58	23 20	23 15	23 47	13 30	2 44	
F 31	22s56	7s35	4n 8	24s22	2s 4	22s38	0n32	13n40	3n37	8s57	1s15	10s57	2n21	11s10	0n29	0s15	1s44	27n59	10n59	23n20	23n15	23s46	13s31	2s43	

Julian Day Number = 1983276.5, Delta T = 58m07s
Ecliptic obliquity = 23°36'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'54, Lahiri = 5°59'55 Julian Calendar 1 Dec. 717 == Greg. Calendar 5 Dec. 717

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ASTRODIENST EPHEMERIS for the year 718
geocentric

JANUARY 718 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 53 58	14♉15'36	12♏28	20♉14	20♐31	3°R31	10♓22	4♏43	0♏16	3♈22	11°R26	21♊30	20♊19	28♉16	28♎28	S 1
S 2	6 57 54	15°16'39	24°54	21°58	21°46	3♍31	10°33	4°47	0°17	3°22	11♌25	21°31	20°16	28°23	28°32	S 2
M 3	7 1 51	16°17'42	7♐ 6	23°42	23° 1	3°30	10°44	4°50	0°19	3°23	11°23	21°33	20°12	28°29	28°36	M 3
T 4	7 5 47	17°18'44	19°10	25°27	24°15	3°28	10°55	4°54	0°20	3°24	11°22	21°R34	20° 9	28°36	28°40	T 4
W 5	7 9 44	18°19'45	1♑ 6	27°11	25°30	3°25	11° 7	4°58	0°22	3°25	11°21	21°33	20° 6	28°43	28°44	W 5
T 6	7 13 41	19°20'45	12°58	28°56	26°45	3°21	11°18	5° 1	0°23	3°26	11°19	21°31	20° 3	28°49	28°47	T 6
F 7	7 17 37	20°21'44	24°47	0♒41	28° 0	3°17	11°30	5° 4	0°25	3°27	11°18	21°28	20° 0	28°56	28°51	F 7
S 8	7 21 34	21°22'43	6♒37	2°26	29°15	3°12	11°41	5° 8	0°26	3°28	11°17	21°23	19°57	29° 3	28°54	S 8
S 9	7 25 30	22°23'39	18°27	4°10	0♑30	3° 6	11°53	5°11	0°27	3°28	11°15	21°17	19°53	29° 9	28°58	S 9
M10	7 29 27	23°24'35	0♓21	5°54	1°44	2°59	12° 5	5°14	0°28	3°29	11°14	21°11	19°50	29°16	29° 1	M10
T 11	7 33 23	24°25'29	12°21	7°37	2°59	2°52	12°17	5°17	0°29	3°31	11°12	21° 5	19°47	29°23	29° 4	T 11
W12	7 37 20	25°26'22	24°29	9°19	4°14	2°44	12°29	5°20	0°31	3°32	11°11	21° 0	19°44	29°29	29° 7	W12
T 13	7 41 16	26°27'13	6♈49	11° 0	5°29	2°35	12°41	5°23	0°32	3°33	11°10	20°57	19°41	29°36	29°10	T 13
F 14	7 45 13	27°28'03	19°24	12°39	6°44	2°25	12°53	5°26	0°33	3°34	11° 8	20°55	19°37	29°43	29°13	F 14
S 15	7 49 10	28°28'51	2♉18	14°15	7°58	2°14	13° 6	5°28	0°33	3°35	11° 7	20°D55	19°34	29°49	29°15	S 15
S 16	7 53 6	29°29'37	15°36	15°49	9°13	2° 3	13°18	5°31	0°34	3°36	11° 5	20°56	19°31	29°56	29°18	S 16
M17	7 57 3	0♒30'22	29°19	17°20	10°28	1°51	13°30	5°33	0°35	3°37	11° 4	20°57	19°28	0♒ 3	29°20	M17
T 18	8 0 59	1°31'06	13♊29	18°47	11°43	1°38	13°43	5°36	0°36	3°39	11° 2	20°58	19°25	0°10	29°23	T 18
W19	8 4 56	2°31'47	28° 5	20° 9	12°58	1°24	13°56	5°38	0°37	3°40	11° 1	20°R58	19°22	0°16	29°25	W19
T 20	8 8 52	3°32'28	13♋ 3	21°26	14°12	1°10	14° 8	5°40	0°37	3°41	10°59	20°57	19°18	0°23	29°27	T 20
F 21	8 12 49	4°33'06	28°17	22°37	15°27	0°55	14°21	5°42	0°38	3°43	10°58	20°53	19°15	0°30	29°29	F 21
S 22	8 16 46	5°33'43	13♌36	23°42	16°42	0°39	14°34	5°44	0°38	3°44	10°56	20°47	19°12	0°36	29°31	S 22
S 23	8 20 42	6°34'18	28°49	24°39	17°57	0°22	14°47	5°46	0°39	3°45	10°55	20°40	19° 9	0°43	29°33	S 23
M24	8 24 39	7°34'52	13♍46	25°29	19°11	0° 5	15° 0	5°48	0°39	3°47	10°53	20°32	19° 6	0°50	29°35	M24
T 25	8 28 35	8°35'24	28°19	26° 9	20°26	29♌47	15°13	5°49	0°40	3°48	10°52	20°26	19° 3	0°56	29°36	T 25
W26	8 32 32	9°35'55	12♎23	26°41	21°41	29°29	15°26	5°51	0°40	3°50	10°50	20°21	18°59	1° 3	29°38	W26
T 27	8 36 28	10°36'25	25°58	27° 2	22°56	29°10	15°39	5°52	0°40	3°51	10°49	20°17	18°56	1°10	29°39	T 27
F 28	8 40 25	11°36'54	9♏ 4	27°14	24°10	28°50	15°52	5°54	0°40	3°53	10°47	20°D16	18°53	1°16	29°40	F 28
S 29	8 44 21	12°37'21	21°45	27°R15	25°25	28°30	16° 5	5°55	0°41	3°54	10°46	20°17	18°50	1°23	29°42	S 29
S 30	8 48 18	13°37'46	4♐ 7	27° 7	26°40	28° 9	16°19	5°56	0°41	3°56	10°44	20°18	18°47	1°30	29°43	S 30
M31	8 52 14	14♒38'10	16♐13	26♒48	27♉55	27♌48	16♓32	5♏57	0°R41	3♈57	10♌43	20°R19	18♊43	1♒36	29♎44	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s50	12s31	3n19	24s 6	2s 3	22s46	0n30	13n41	3n39	8s53	1s14	10s58	2n21	11s11	0n29	0s15	1s44	27n59	10n59	23n20	23n15	23s45	13s33	2s43
S 2	22 43	16 50	2 22	23 48	2 2	22 54	0 27	13 43	3 41	8 49	1 14	10 59	2 22	11 12	0 29	0 14	1 44	28 0	10 59	23 20	23 15	23 45	13 34	2 43
M 3	22 36	20 21	1 19	23 29	2 0	23 1	0 25	13 46	3 43	8 44	1 14	11 0	2 22	11 12	0 29	0 14	1 44	28 0	10 59	23 20	23 14	23 44	13 35	2 43
T 4	22 29	22 56	0 13	23 7	1 58	23 7	0 22	13 48	3 46	8 40	1 14	11 1	2 22	11 13	0 30	0 14	1 44	28 1	11 0	23 20	23 14	23 43	13 37	2 43
W 5	22 20	24 28	0s52	22 44	1 55	23 13	0 19	13 51	3 48	8 35	1 14	11 2	2 22	11 13	0 30	0 13	1 44	28 2	11 0	23 20	23 14	23 42	13 38	2 43
T 6	22 12	24 52	1 55	22 20	1 51	23 17	0 16	13 54	3 50	8 31	1 14	11 3	2 22	11 14	0 30	0 13	1 44	28 2	11 0	23 20	23 14	23 42	13 39	2 43
F 7	22 3	24 8	2 52	21 53	1 47	23 22	0 14	13 58	3 52	8 26	1 14	11 4	2 23	11 14	0 30	0 12	1 44	28 3	11 0	23 20	23 14	23 41	13 40	2 43
S 8	21 54	22 20	3 42	21 25	1 42	23 25	0 11	14 1	3 53	8 21	1 13	11 5	2 23	11 14	0 30	0 12	1 44	28 3	11 0	23 19	23 13	23 40	13 42	2 43
S 9	21 44	19 33	4 22	20 55	1 37	23 28	0 8	14 5	3 55	8 17	1 13	11 6	2 23	11 15	0 30	0 12	1 44	28 4	11 1	23 19	23 13	23 39	13 43	2 43
M10	21 34	15 58	4 51	20 23	1 31	23 30	0 6	14 10	3 57	8 12	1 13	11 7	2 23	11 15	0 30	0 11	1 44	28 5	11 1	23 19	23 13	23 39	13 44	2 43
T 11	21 23	11 43	5 8	19 50	1 24	23 31	0 3	14 14	3 59	8 7	1 13	11 7	2 23	11 16	0 30	0 11	1 44	28 5	11 1	23 18	23 13	23 38	13 45	2 43
W12	21 12	6 57	5 11	19 16	1 16	23 32	0 1	14 19	4 1	8 3	1 13	11 8	2 24	11 16	0 30	0 10	1 44	28 6	11 1	23 18	23 12	23 37	13 46	2 43
T 13	21 1	1 52	5 0	18 40	1 7	23 32	0s 2	14 24	4 3	7 58	1 13	11 9	2 24	11 16	0 30	0 10	1 43	28 6	11 1	23 18	23 12	23 36	13 47	2 42
F 14	20 49	3n25	4 34	18 4	0 58	23 31	0 5	14 29	4 5	7 53	1 13	11 10	2 24	11 17	0 30	0 9	1 43	28 7	11 1	23 18	23 12	23 36	13 48	2 42
S 15	20 36	8 42	3 54	17 26	0 48	23 29	0 7	14 35	4 7	7 48	1 12	11 10	2 24	11 17	0 30	0 9	1 43	28 7	11 2	23 17	23 12	23 35	13 49	2 42
S 16	20 24	13 45	3 1	16 48	0 37	23 27	0 10	14 40	4 8	7 43	1 12	11 11	2 24	11 17	0 30	0 8	1 43	28 8	11 2	23 18	23 11	23 34	13 50	2 42
M17	20 11	18 16	1 55	16 9	0 26	23 24	0 12	14 46	4 10	7 38	1 12	11 12	2 25	11 18	0 30	0 8	1 43	28 9	11 2	23 18	23 11	23 33	13 50	2 42
T 18	19 58	21 54	0 41	15 30	0 13	23 20	0 15	14 53	4 12	7 33	1 12	11 12	2 25	11 18	0 30	0 7	1 43	28 9	11 2	23 18	23 11	23 32	13 51	2 42
W19	19 44	24 14	0n39	14 52	0n 0	23 16	0 17	14 59	4 13	7 28	1 12	11 13	2 25	11 18	0 30	0 7	1 43	28 10	11 2	23 18	23 11	23 32	13 52	2 42
T 20	19 30	24 54	1 57	14 14	0 14	23 10	0 20	15 6	4 15	7 23	1 12	11 13	2 25	11 18	0 30	0 6	1 43	28 10	11 2	23 18	23 10	23 31	13 53	2 42
F 21	19 15	23 43	3 8	13 37	0 29	23 4	0 22	15 13	4 16	7 18	1 12	11 14	2 26	11 18	0 30	0 5	1 43	28 11	11 2	23 17	23 10	23 30	13 53	2 42
S 22	19 1	20 47	4 6	13 1	0 44	22 58	0 25	15 20	4 18	7 13	1 12	11 14	2 26	11 19	0 30	0 5	1 43	28 11	11 3	23 17	23 10	23 29	13 54	2 42
S 23	18 46	16 26	4 46	12 28	0 59	22 51	0 27	15 27	4 19	7 8	1 11	11 14	2 26	11 19	0 30	0 4	1 43	28 12	11 3	23 16	23 10	23 28	13 54	2 42
M24	18 30	11 8	5 6	11 56	1 15	22 43	0 30	15 34	4 20	7 3	1 11	11 15	2 26	11 19	0 30	0 4	1 43	28 12	11 3	23 16	23 9	23 27	13 55	2 42
T 25	18 14	5 20	5 5	11 27	1 32	22 34	0 32	15 42	4 21	6 58	1 11	11 15	2 26	11 19	0 30	0 3	1 43	28 13	11 3	23 15	23 9	23 27	13 55	2 42
W26	17 58	0s33	4 46	11 1	1 48	22 25	0 34	15 49	4 22	6 52	1 11	11 15	2 27	11 19	0 30	0 2	1 43	28 14	11 3	23 15	23 9	23 26	13 56	2 41
T 27	17 42	6 12	4 11	10 39	2 4	22 15	0 37	15 57	4 23	6 47	1 11	11 16	2 27	11 19	0 30	0 2	1 43	28 14	11 3	23 15	23 8	23 25	13 56	2 41
F 28	17 25	11 24	3 24	10 20	2 20	22 4	0 39	16 5	4 24	6 42	1 11	11 16	2 27	11 19	0 30	0 1	1 43	28 15	11 3	23 15	23 8	23 24	13 57	2 41
S 29	17 8	15 57	2 28	10 5	2 35	21 52	0 41	16 13	4 25	6 37	1 11	11 16	2 27	11 19	0 30	0 0	1 43	28 15	11 3	23 15	23 8	23 23	13 57	2 41
S 30	16 51	19 42	1 26	9 55	2 49	21 40	0 43	16 21	4 26	6 31	1 11	11 16	2 28	11 19	0 30	0n 0	1 43	28 16	11 3	23 15	23 8	23 22	13 57	2 41
M31	16s33	22s31	0n22	9s48	3n 2	21s28	0s45	16n29	4n27	6s26	1s11	11s17	2n28	11s19	0n30	0n 1	1s43	28n16	11n 3	23n15	23n 7	23s21	13s58	2s41

Julian Day Number = 1983307.5, Delta T = 58m06s
Ecliptic obliquity = 23°36'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°52'59, Lahiri = 5°59'59 Julian Calendar 1 Jan. 718 == Greg. Calendar 5 Jan. 718

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ASTRODIENST EPHEMERIS for the year 718
geocentric

FEBRUARY 718 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 56 11	15♒38'33	28♐ 9	26°R20	29♉ 9	27°R27	16♓45	5♏58	0°R41	3♈59	10°R41	20°R18	18♊40	1♒43	29♎44	T 1
W 2	9 0 8	16°38'54	10♉ 0	25♒44	0♒24	27♌ 5	16°59	5°59	0♏41	4° 1	10♌40	20♊16	18°37	1°50	29°45	W 2
T 3	9 4 4	17°39'14	21°47	24°59	1°39	26°42	17°12	6° 0	0°41	4° 2	10°38	20°11	18°34	1°56	29°46	T 3
F 4	9 8 1	18°39'31	3♒36	24° 8	2°54	26°19	17°26	6° 1	0°40	4° 4	10°37	20° 4	18°31	2° 3	29°46	F 4
S 5	9 11 57	19°39'47	15°27	23°12	4° 8	25°56	17°40	6° 1	0°40	4° 6	10°35	19°54	18°28	2°10	29°47	S 5
S 6	9 15 54	20°40'01	27°23	22°12	5°23	25°33	17°53	6° 2	0°40	4° 8	10°34	19°42	18°24	2°16	29°47	S 6
M 7	9 19 50	21°40'14	9♓24	21°10	6°38	25°10	18° 7	6° 2	0°40	4° 9	10°32	19°30	18°21	2°23	29°47	M 7
T 8	9 23 47	22°40'24	21°33	20° 7	7°52	24°46	18°21	6° 2	0°39	4°11	10°31	19°18	18°18	2°30	29°R47	T 8
W 9	9 27 43	23°40'32	3♈50	19° 5	9° 7	24°23	18°35	6° 2	0°39	4°13	10°30	19° 7	18°15	2°37	29°47	W 9
T 10	9 31 40	24°40'38	16°17	18° 5	10°22	23°59	18°49	6°R 2	0°38	4°15	10°28	18°59	18°12	2°43	29°47	T 10
F 11	9 35 37	25°40'42	28°57	17° 8	11°36	23°35	19° 2	6° 2	0°38	4°17	10°27	18°53	18° 9	2°50	29°47	F 11
S 12	9 39 33	26°40'44	11♉51	16°15	12°51	23°11	19°16	6° 2	0°37	4°18	10°25	18°50	18° 5	2°57	29°46	S 12
S 13	9 43 30	27°40'43	25° 3	15°28	14° 6	22°48	19°30	6° 2	0°36	4°20	10°24	18°D49	18° 2	3° 3	29°46	S 13
M14	9 47 26	28°40'41	8♊36	14°46	15°20	22°24	19°44	6° 2	0°36	4°22	10°22	18°49	17°59	3°10	29°45	M14
T 15	9 51 23	29°40'36	22°32	14°11	16°35	22° 1	19°58	6° 1	0°35	4°24	10°21	18°R49	17°56	3°17	29°44	T 15
W16	9 55 19	0♓40'28	6♋51	13°42	17°49	21°38	20°13	6° 1	0°34	4°26	10°20	18°48	17°53	3°23	29°44	W16
T 17	9 59 16	1°40'19	21°33	13°19	19° 4	21°15	20°27	6° 0	0°33	4°28	10°18	18°45	17°49	3°30	29°43	T 17
F 18	10 3 12	2°40'07	6♌32	13° 3	20°19	20°53	20°41	5°59	0°32	4°30	10°17	18°39	17°46	3°37	29°42	F 18
S 19	10 7 9	3°39'53	21°41	12°54	21°33	20°30	20°55	5°58	0°31	4°32	10°15	18°30	17°43	3°43	29°40	S 19
S 20	10 11 6	4°39'37	6♍50	12°D51	22°48	20° 9	21° 9	5°57	0°30	4°34	10°14	18°19	17°40	3°50	29°39	S 20
M21	10 15 2	5°39'19	21°48	12°54	24° 2	19°47	21°23	5°56	0°29	4°36	10°13	18° 8	17°37	3°57	29°38	M21
T 22	10 18 59	6°38'59	6♎26	13° 3	25°17	19°26	21°38	5°55	0°28	4°38	10°11	17°57	17°34	4° 3	29°36	T 22
W23	10 22 55	7°38'37	20°38	13°18	26°31	19° 6	21°52	5°54	0°27	4°40	10°10	17°49	17°30	4°10	29°35	W23
T 24	10 26 52	8°38'13	4♏21	13°37	27°46	18°46	22° 6	5°53	0°26	4°42	10° 9	17°42	17°27	4°17	29°33	T 24
F 25	10 30 48	9°37'47	17°34	14° 2	29° 0	18°26	22°20	5°51	0°25	4°44	10° 8	17°39	17°24	4°23	29°31	F 25
S 26	10 34 45	10°37'20	0♐20	14°32	0♓15	18° 7	22°35	5°50	0°23	4°46	10° 6	17°37	17°21	4°30	29°30	S 26
S 27	10 38 41	11°36'50	12°45	15° 5	1°29	17°49	22°49	5°48	0°22	4°48	10° 5	17°37	17°18	4°37	29°28	S 27
M28	10 42 38	12♓36'19	24♐52	15♒43	2♓44	17♌31	23♓ 4	5♏46	0♏21	4♈51	10♌ 4	17♊37	17♊15	4♒44	29♎26	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s15	24s18	0s42	9s47	3n14	21s14	0s47	16n37	4n27	6s21	1s10	11s17	2n28	11s19	0n30	0n 2	1s43	28n17	11n 3	23n15	23n 7	23s20	13s58	2s41
W 2	15 57	24 57	1 44	9 49	3 25	21 1	0 49	16 45	4 28	6 15	1 10	11 17	2 28	11 19	0 30	0 2	1 43	28 17	11 3	23 15	23 7	23 20	13 58	2 41
T 3	15 39	24 28	2 40	9 56	3 34	20 46	0 51	16 53	4 28	6 10	1 10	11 17	2 28	11 19	0 30	0 3	1 43	28 17	11 3	23 14	23 7	23 19	13 58	2 41
F 4	15 20	22 53	3 30	10 6	3 40	20 31	0 53	17 2	4 28	6 4	1 10	11 17	2 29	11 19	0 30	0 4	1 42	28 18	11 3	23 14	23 6	23 18	13 58	2 41
S 5	15 1	20 18	4 11	10 20	3 45	20 15	0 55	17 10	4 29	5 59	1 10	11 17	2 29	11 19	0 30	0 4	1 42	28 18	11 3	23 13	23 6	23 17	13 58	2 41
S 6	14 42	16 51	4 41	10 37	3 47	19 59	0 57	17 18	4 29	5 54	1 10	11 17	2 29	11 19	0 30	0 5	1 42	28 19	11 3	23 12	23 6	23 16	13 58	2 40
M 7	14 23	12 42	4 58	10 57	3 48	19 42	0 59	17 26	4 29	5 48	1 10	11 17	2 29	11 19	0 30	0 6	1 42	28 19	11 4	23 11	23 5	23 15	13 58	2 40
T 8	14 3	8 0	5 3	11 19	3 46	19 24	1 1	17 34	4 28	5 43	1 10	11 16	2 30	11 19	0 30	0 7	1 42	28 20	11 4	23 10	23 5	23 14	13 58	2 40
W 9	13 43	2 57	4 53	11 42	3 42	19 6	1 2	17 42	4 28	5 37	1 10	11 16	2 30	11 18	0 30	0 7	1 42	28 20	11 4	23 9	23 5	23 13	13 58	2 40
T 10	13 23	2n18	4 30	12 6	3 36	18 48	1 4	17 49	4 28	5 31	1 10	11 16	2 30	11 18	0 30	0 8	1 42	28 21	11 4	23 9	23 5	23 12	13 58	2 40
F 11	13 3	7 33	3 53	12 30	3 28	18 28	1 6	17 57	4 27	5 26	1 10	11 16	2 30	11 18	0 30	0 9	1 42	28 21	11 4	23 8	23 4	23 11	13 58	2 40
S 12	12 42	12 36	3 3	12 55	3 19	18 9	1 7	18 4	4 27	5 20	1 10	11 16	2 30	11 18	0 30	0 10	1 42	28 21	11 3	23 8	23 4	23 10	13 57	2 40
S 13	12 22	17 11	2 3	13 19	3 8	17 49	1 9	18 12	4 26	5 15	1 10	11 15	2 31	11 18	0 30	0 10	1 42	28 22	11 3	23 8	23 4	23 9	13 57	2 40
M14	12 1	21 0	0 54	13 42	2 57	17 28	1 10	18 19	4 25	5 9	1 9	11 15	2 31	11 17	0 30	0 11	1 42	28 22	11 3	23 8	23 3	23 8	13 57	2 39
T 15	11 40	23 43	0n20	14 4	2 44	17 7	1 11	18 26	4 24	5 4	1 9	11 15	2 31	11 17	0 30	0 12	1 42	28 23	11 3	23 8	23 3	23 7	13 56	2 39
W16	11 19	25 0	1 34	14 25	2 31	16 45	1 13	18 32	4 23	4 58	1 9	11 14	2 31	11 17	0 30	0 13	1 42	28 23	11 3	23 8	23 3	23 6	13 56	2 39
T 17	10 57	24 34	2 44	14 45	2 17	16 23	1 14	18 39	4 22	4 52	1 9	11 14	2 32	11 16	0 30	0 14	1 42	28 23	11 3	23 7	23 3	23 5	13 55	2 39
F 18	10 36	22 23	3 44	15 2	2 3	16 0	1 15	18 45	4 21	4 47	1 9	11 13	2 32	11 16	0 30	0 14	1 42	28 24	11 3	23 7	23 2	23 4	13 55	2 39
S 19	10 14	18 37	4 29	15 19	1 49	15 37	1 16	18 51	4 20	4 41	1 9	11 13	2 32	11 16	0 30	0 15	1 42	28 24	11 3	23 6	23 2	23 3	13 54	2 39
S 20	9 52	13 37	4 55	15 33	1 35	15 14	1 18	18 57	4 18	4 35	1 9	11 12	2 32	11 15	0 30	0 16	1 42	28 24	11 3	23 5	23 2	23 2	13 54	2 39
M21	9 30	7 52	5 0	15 46	1 21	14 50	1 19	19 3	4 17	4 30	1 9	11 12	2 32	11 15	0 30	0 17	1 42	28 25	11 3	23 4	23 1	23 1	13 53	2 39
T 22	9 8	1 48	4 46	15 57	1 7	14 26	1 20	19 8	4 15	4 24	1 9	11 11	2 33	11 15	0 30	0 18	1 42	28 25	11 3	23 3	23 1	23 0	13 53	2 38
W23	8 46	4s12	4 14	16 6	0 53	14 1	1 20	19 13	4 14	4 18	1 9	11 11	2 33	11 14	0 30	0 19	1 42	28 25	11 3	23 3	23 1	22 59	13 52	2 38
T 24	8 23	9 48	3 28	16 13	0 40	13 36	1 21	19 18	4 12	4 12	1 9	11 10	2 33	11 14	0 30	0 19	1 42	28 26	11 3	23 2	23 1	22 58	13 51	2 38
F 25	8 1	14 46	2 32	16 18	0 27	13 11	1 22	19 22	4 10	4 7	1 9	11 9	2 33	11 13	0 30	0 20	1 42	28 26	11 3	23 2	23 0	22 57	13 50	2 38
S 26	7 38	18 54	1 30	16 22	0 14	12 45	1 23	19 26	4 8	4 1	1 9	11 9	2 33	11 13	0 30	0 21	1 42	28 26	11 3	23 1	23 0	22 56	13 50	2 38
S 27	7 15	22 3	0 26	16 24	0 2	12 19	1 23	19 30	4 6	3 55	1 9	11 8	2 34	11 12	0 30	0 22	1 42	28 26	11 3	23 1	23 0	22 55	13 49	2 38
M28	6s53	24s 9	0s38	16s24	0s10	11s53	1s24	19n34	4n 4	3s50	1s 9	11s 7	2n34	11s12	0n31	0n23	1s42	28n27	11n 3	23n 1	22n59	22s54	13s48	2s37

Julian Day Number = 1983338.5, Delta T = 58m05s
Ecliptic obliquity = 23°36'19, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'03, Lahiri = 6°00'03 Julian Calendar 1 Feb. 718 == Greg. Calendar 5 Feb. 718

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ASTRODIENST EPHEMERIS for the year 718
geocentric

MARCH 718 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 46 35	13♓35'46	6♉47	16♒25	3♓58	17°R14	23♓18	5°R45	0°R19	4♈53	10°R 3	17°R36	17♊11	4♒50	29°R24	T 1
W 2	10 50 31	14°35'12	18°37	17°11	5°13	16♌58	23°32	5♏43	0♏18	4°55	10♌ 1	17♊32	17° 8	4°57	29♎21	W 2
T 3	10 54 28	15°34'35	0♒24	18° 0	6°27	16°43	23°47	5°41	0°16	4°57	10° 0	17°27	17° 5	5° 4	29°19	T 3
F 4	10 58 24	16°33'56	12°14	18°52	7°42	16°28	24° 1	5°39	0°15	4°59	9°59	17°18	17° 2	5°10	29°17	F 4
S 5	11 2 21	17°33'16	24°10	19°48	8°56	16°13	24°16	5°36	0°13	5° 1	9°58	17° 7	16°59	5°17	29°14	S 5
S 6	11 6 17	18°32'33	6♓13	20°46	10°10	16° 0	24°30	5°34	0°12	5° 4	9°57	16°54	16°55	5°24	29°12	S 6
M 7	11 10 14	19°31'48	18°25	21°47	11°25	15°47	24°45	5°32	0°10	5° 6	9°56	16°39	16°52	5°30	29° 9	M 7
T 8	11 14 10	20°31'01	0♈46	22°51	12°39	15°35	24°59	5°29	0° 8	5° 8	9°55	16°25	16°49	5°37	29° 6	T 8
W 9	11 18 7	21°30'12	13°18	23°57	13°54	15°24	25°13	5°27	0° 6	5°10	9°54	16°13	16°46	5°44	29° 3	W 9
T 10	11 22 3	22°29'21	26° 1	25° 5	15° 8	15°14	25°28	5°24	0° 5	5°12	9°53	16° 3	16°43	5°50	29° 0	T 10
F 11	11 26 0	23°28'28	8♉54	26°16	16°22	15° 4	25°42	5°21	0° 3	5°15	9°52	15°55	16°40	5°57	28°57	F 11
S 12	11 29 57	24°27'32	21°59	27°29	17°37	14°55	25°57	5°19	0° 1	5°17	9°51	15°51	16°36	6° 4	28°54	S 12
S 13	11 33 53	25°26'34	5♊17	28°44	18°51	14°47	26°11	5°16	29♎59	5°19	9°50	15°50	16°33	6°10	28°51	S 13
M14	11 37 50	26°25'34	18°51	0♓ 1	20° 5	14°40	26°26	5°13	29°57	5°21	9°49	15°49	16°30	6°17	28°48	M14
T 15	11 41 46	27°24'31	2♋40	1°20	21°20	14°34	26°40	5°10	29°55	5°24	9°48	15°49	16°27	6°24	28°45	T 15
W16	11 45 43	28°23'26	16°47	2°41	22°34	14°28	26°55	5° 7	29°53	5°26	9°47	15°48	16°24	6°31	28°41	W16
T 17	11 49 39	29°22'19	1♌10	4° 3	23°48	14°24	27° 9	5° 4	29°51	5°28	9°46	15°45	16°20	6°37	28°38	T 17
F 18	11 53 36	0♈21'09	15°48	5°28	25° 2	14°19	27°24	5° 0	29°49	5°30	9°45	15°39	16°17	6°44	28°34	F 18
S 19	11 57 32	1°19'57	0♍34	6°54	26°17	14°16	27°38	4°57	29°47	5°33	9°44	15°31	16°14	6°51	28°31	S 19
S 20	12 1 29	2°18'42	15°22	8°22	27°31	14°14	27°53	4°54	29°45	5°35	9°43	15°21	16°11	6°57	28°27	S 20
M21	12 5 26	3°17'25	0♎ 3	9°51	28°45	14°12	28° 7	4°50	29°43	5°37	9°43	15°10	16° 8	7° 4	28°23	M21
T 22	12 9 22	4°16'07	14°30	11°23	29°59	14°11	28°22	4°47	29°41	5°39	9°42	15° 0	16° 5	7°11	28°20	T 22
W23	12 13 19	5°14'46	28°36	12°56	1♈13	14°D11	28°36	4°43	29°38	5°42	9°41	14°51	16° 1	7°17	28°16	W23
T 24	12 17 15	6°13'24	12♏17	14°30	2°28	14°11	28°50	4°40	29°36	5°44	9°40	14°45	15°58	7°24	28°12	T 24
F 25	12 21 12	7°11'59	25°31	16° 7	3°42	14°13	29° 5	4°36	29°34	5°46	9°40	14°41	15°55	7°31	28° 8	F 25
S 26	12 25 8	8°10'33	8♐21	17°45	4°56	14°15	29°19	4°32	29°32	5°48	9°39	14°39	15°52	7°37	28° 4	S 26
S 27	12 29 5	9° 9'06	20°49	19°24	6°10	14°17	29°33	4°29	29°29	5°51	9°38	14°D39	15°49	7°44	28° 0	S 27
M28	12 33 1	10° 7'36	2♑59	21° 6	7°24	14°21	29°48	4°25	29°27	5°53	9°38	14°40	15°46	7°51	27°56	M28
T 29	12 36 58	11° 6'05	14°58	22°49	8°38	14°25	0♈ 2	4°21	29°25	5°55	9°37	14°R40	15°42	7°58	27°52	T 29
W30	12 40 55	12° 4'32	26°49	24°33	9°52	14°29	0°16	4°17	29°22	5°57	9°37	14°39	15°39	8° 4	27°48	W30
T 31	12 44 51	13♈ 2'58	8♒39	26♓19	11♈ 6	14♌35	0♈31	4♏13	29♎20	6♈ 0	9♌36	14♊35	15♊36	8♒11	27♎44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s30	25s 5	1s40	16s22	0s22	11s26	1s25	19n37	4n 2	3s44	1s 9	11s 6	2n34	11s11	0n31	0n24	1s42	28n27	11n 2	23n 1	22n59	22s53	13s47	2s37
W 2	6 7	24 53	2 36	16 19	0 33	10 59	1 25	19 40	4 0	3 38	1 9	11 6	2 34	11 11	0 31	0 25	1 42	28 27	11 2	23 1	22 59	22 52	13 46	2 37
T 3	5 43	23 33	3 25	16 14	0 43	10 32	1 25	19 43	3 58	3 32	1 9	11 5	2 34	11 10	0 31	0 26	1 42	28 27	11 2	23 0	22 58	22 51	13 45	2 37
F 4	5 20	21 11	4 6	16 7	0 53	10 4	1 26	19 45	3 56	3 26	1 9	11 4	2 35	11 10	0 31	0 26	1 42	28 28	11 2	23 0	22 58	22 49	13 44	2 37
S 5	4 57	17 54	4 36	15 58	1 3	9 36	1 26	19 48	3 54	3 21	1 9	11 3	2 35	11 9	0 31	0 27	1 42	28 28	11 2	22 59	22 58	22 48	13 43	2 36
S 6	4 34	13 51	4 54	15 48	1 12	9 8	1 26	19 50	3 51	3 15	1 9	11 2	2 35	11 8	0 31	0 28	1 42	28 28	11 2	22 57	22 57	22 47	13 42	2 36
M 7	4 10	9 12	4 59	15 36	1 20	8 40	1 26	19 51	3 49	3 9	1 9	11 1	2 35	11 8	0 31	0 29	1 42	28 28	11 2	22 56	22 57	22 46	13 40	2 36
T 8	3 47	4 7	4 50	15 23	1 28	8 11	1 26	19 53	3 47	3 3	1 9	11 0	2 35	11 7	0 31	0 30	1 42	28 28	11 2	22 54	22 57	22 45	13 39	2 36
W 9	3 24	1n11	4 27	15 8	1 36	7 42	1 26	19 54	3 44	2 58	1 9	10 59	2 35	11 7	0 31	0 31	1 42	28 29	11 1	22 53	22 57	22 44	13 38	2 36
T 10	3 0	6 32	3 51	14 52	1 43	7 13	1 26	19 54	3 42	2 52	1 9	10 58	2 36	11 6	0 31	0 32	1 42	28 29	11 1	22 52	22 56	22 43	13 37	2 35
F 11	2 37	11 42	3 2	14 34	1 49	6 44	1 26	19 55	3 39	2 46	1 9	10 57	2 36	11 5	0 31	0 33	1 42	28 29	11 1	22 51	22 56	22 42	13 35	2 35
S 12	2 13	16 25	2 2	14 14	1 56	6 15	1 26	19 55	3 37	2 40	1 9	10 56	2 36	11 5	0 31	0 34	1 42	28 29	11 1	22 51	22 56	22 40	13 34	2 35
S 13	1 49	20 25	0 55	13 53	2 1	5 45	1 26	19 55	3 34	2 34	1 9	10 55	2 36	11 4	0 31	0 34	1 42	28 29	11 1	22 51	22 55	22 39	13 33	2 35
M14	1 26	23 24	0n16	13 31	2 6	5 16	1 26	19 55	3 32	2 29	1 9	10 54	2 36	11 3	0 31	0 35	1 42	28 29	11 1	22 51	22 55	22 38	13 31	2 34
T 15	1 2	25 3	1 28	13 7	2 11	4 46	1 25	19 55	3 29	2 23	1 9	10 53	2 36	11 3	0 31	0 36	1 42	28 29	11 0	22 51	22 55	22 37	13 30	2 34
W16	0 39	25 7	2 36	12 41	2 15	4 16	1 25	19 54	3 27	2 17	1 9	10 51	2 37	11 2	0 31	0 37	1 42	28 29	11 0	22 51	22 54	22 36	13 29	2 34
T 17	0 15	23 32	3 35	12 14	2 18	3 46	1 24	19 53	3 24	2 11	1 9	10 50	2 37	11 1	0 31	0 38	1 42	28 29	11 0	22 50	22 54	22 35	13 27	2 34
F 18	0n 8	20 22	4 22	11 46	2 21	3 16	1 24	19 52	3 22	2 5	1 9	10 49	2 37	11 0	0 31	0 39	1 42	28 30	11 0	22 50	22 54	22 33	13 26	2 33
S 19	0 32	15 53	4 51	11 16	2 24	2 46	1 23	19 50	3 19	2 0	1 9	10 48	2 37	11 0	0 31	0 40	1 42	28 30	11 0	22 49	22 53	22 32	13 24	2 33
S 20	0 56	10 26	5 1	10 44	2 26	2 15	1 22	19 48	3 17	1 54	1 9	10 47	2 37	10 59	0 31	0 41	1 42	28 30	11 0	22 48	22 53	22 31	13 22	2 33
M21	1 19	4 26	4 51	10 12	2 27	1 45	1 22	19 47	3 14	1 48	1 9	10 45	2 37	10 58	0 31	0 42	1 42	28 30	10 59	22 46	22 53	22 30	13 21	2 33
T 22	1 42	1s43	4 23	9 38	2 28	1 14	1 21	19 44	3 12	1 42	1 9	10 44	2 37	10 57	0 31	0 43	1 42	28 30	10 59	22 45	22 52	22 29	13 19	2 32
W23	2 6	7 39	3 39	9 2	2 29	0 44	1 20	19 42	3 9	1 37	1 9	10 43	2 38	10 57	0 31	0 43	1 42	28 30	10 59	22 44	22 52	22 27	13 18	2 32
T 24	2 29	13 2	2 43	8 25	2 29	0 13	1 19	19 39	3 7	1 31	1 9	10 41	2 38	10 56	0 31	0 44	1 42	28 30	10 59	22 44	22 52	22 26	13 16	2 32
F 25	2 53	17 39	1 40	7 47	2 28	0n17	1 18	19 37	3 4	1 25	1 9	10 40	2 38	10 55	0 31	0 45	1 42	28 30	10 59	22 43	22 51	22 25	13 14	2 31
S 26	3 16	21 18	0 34	7 8	2 27	0 48	1 17	19 34	3 1	1 19	1 9	10 39	2 38	10 54	0 31	0 46	1 42	28 30	10 58	22 43	22 51	22 24	13 12	2 31
S 27	3 39	23 50	0s33	6 27	2 26	1 18	1 16	19 31	2 59	1 14	1 9	10 37	2 38	10 53	0 31	0 47	1 42	28 30	10 58	22 43	22 51	22 23	13 11	2 31
M28	4 2	25 10	1 36	5 45	2 23	1 49	1 15	19 27	2 56	1 8	1 9	10 36	2 38	10 53	0 31	0 48	1 42	28 30	10 58	22 43	22 50	22 21	13 9	2 30
T 29	4 25	25 19	2 34	5 2	2 21	2 19	1 14	19 24	2 54	1 2	1 9	10 35	2 38	10 52	0 31	0 49	1 42	28 30	10 58	22 43	22 50	22 20	13 7	2 30
W30	4 48	24 17	3 25	4 17	2 18	2 50	1 12	19 20	2 52	0 56	1 9	10 33	2 38	10 51	0 31	0 50	1 42	28 30	10 58	22 43	22 50	22 19	13 5	2 30
T 31	5n11	22s11	4s 7	3s31	2s14	3n20	1s11	19n16	2n49	0s51	1s 9	10s32	2n38	10s50	0n31	0n51	1s42	28n30	10n57	22n42	22n49	22s18	13s 3	2s29

Julian Day Number = 1983366.5, Delta T = 58m04s
Ecliptic obliquity = 23°36'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'07, Lahiri = 6°00'07 Julian Calendar 1 March 718 == Greg. Calendar 5 March 718

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 718
geocentric

APRIL 718 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 48 48	14♈ 1'22	20♒32	28♓ 7	12♈20	14♌41	0♈45	4°R 9	29°R17	6♈ 2	9°R36	14°R30	15♊33	8♒18	27°R39	F 1
S 2	12 52 44	14°59'44	2♓32	29°57	13°35	14°48	0°59	4♏ 5	29♎15	6° 4	9♌35	14♊22	15°30	8°24	27♎35	S 2
S 3	12 56 41	15°58'04	14°42	1♈48	14°49	14°55	1°14	4° 1	29°13	6° 6	9°35	14°12	15°26	8°31	27°31	S 3
M 4	13 0 37	16°56'22	27° 4	3°41	16° 3	15° 3	1°28	3°57	29°10	6° 9	9°34	14° 2	15°23	8°38	27°27	M 4
T 5	13 4 34	17°54'39	9♈39	5°36	17°17	15°12	1°42	3°52	29° 8	6°11	9°34	13°51	15°20	8°44	27°22	T 5
W 6	13 8 30	18°52'54	22°28	7°32	18°31	15°21	1°56	3°48	29° 5	6°13	9°34	13°42	15°17	8°51	27°18	W 6
T 7	13 12 27	19°51'08	5♉30	9°30	19°45	15°31	2°10	3°44	29° 3	6°15	9°33	13°35	15°14	8°58	27°14	T 7
F 8	13 16 24	20°49'19	18°45	11°30	20°59	15°41	2°24	3°40	29° 0	6°18	9°33	13°30	15°11	9° 5	27° 9	F 8
S 9	13 20 20	21°47'28	2♊10	13°31	22°13	15°52	2°38	3°35	28°58	6°20	9°33	13°27	15° 7	9°11	27° 5	S 9
S 10	13 24 17	22°45'36	15°47	15°33	23°27	16° 4	2°52	3°31	28°55	6°22	9°32	13°D26	15° 4	9°18	27° 0	S 10
M11	13 28 13	23°43'42	29°33	17°38	24°41	16°16	3° 6	3°27	28°53	6°24	9°32	13°27	15° 1	9°25	26°56	M11
T 12	13 32 10	24°41'45	13♋28	19°43	25°55	16°29	3°20	3°22	28°50	6°26	9°32	13°28	14°58	9°31	26°51	T 12
W13	13 36 6	25°39'47	27°33	21°50	27° 9	16°42	3°34	3°18	28°48	6°29	9°32	13°R29	14°55	9°38	26°47	W13
T 14	13 40 3	26°37'47	11♌46	23°58	28°22	16°56	3°48	3°13	28°45	6°31	9°32	13°28	14°52	9°45	26°43	T 14
F 15	13 43 59	27°35'44	26° 6	26° 7	29°36	17°10	4° 2	3° 9	28°43	6°33	9°32	13°25	14°48	9°51	26°38	F 15
S 16	13 47 56	28°33'40	10♍28	28°16	0♉50	17°25	4°16	3° 4	28°40	6°35	9°32	13°20	14°45	9°58	26°34	S 16
S 17	13 51 53	29°31'34	24°49	0♉27	2° 4	17°40	4°30	3° 0	28°38	6°37	9°31	13°14	14°42	10° 5	26°29	S 17
M18	13 55 49	0♉29'26	9♎ 3	2°37	3°18	17°56	4°43	2°55	28°35	6°39	9°D31	13° 7	14°39	10°11	26°25	M18
T 19	13 59 46	1°27'16	23° 6	4°48	4°32	18°12	4°57	2°51	28°33	6°41	9°31	13° 1	14°36	10°18	26°20	T 19
W20	14 3 42	2°25'05	6♏53	6°58	5°46	18°29	5°11	2°46	28°30	6°43	9°32	12°55	14°32	10°25	26°16	W20
T 21	14 7 39	3°22'52	20°20	9° 8	7° 0	18°46	5°24	2°42	28°28	6°45	9°32	12°51	14°29	10°32	26°12	T 21
F 22	14 11 35	4°20'38	3♐26	11°17	8°13	19° 4	5°38	2°38	28°25	6°48	9°32	12°49	14°26	10°38	26° 7	F 22
S 23	14 15 32	5°18'22	16°12	13°25	9°27	19°22	5°51	2°33	28°23	6°50	9°32	12°D49	14°23	10°45	26° 3	S 23
S 24	14 19 28	6°16'06	28°40	15°31	10°41	19°40	6° 5	2°29	28°20	6°52	9°32	12°50	14°20	10°52	25°59	S 24
M25	14 23 25	7°13'48	10♑51	17°36	11°55	19°59	6°18	2°24	28°18	6°54	9°32	12°51	14°17	10°58	25°54	M25
T 26	14 27 22	8°11'29	22°52	19°39	13° 8	20°18	6°31	2°20	28°15	6°56	9°32	12°53	14°13	11° 5	25°50	T 26
W27	14 31 18	9° 9'08	4♒45	21°40	14°22	20°38	6°45	2°15	28°13	6°58	9°33	12°R54	14°10	11°12	25°46	W27
T 28	14 35 15	10° 6'47	16°37	23°39	15°36	20°58	6°58	2°11	28°10	7° 0	9°33	12°54	14° 7	11°19	25°42	T 28
F 29	14 39 11	11° 4'25	28°32	25°36	16°50	21°18	7°11	2° 6	28° 8	7° 2	9°33	12°52	14° 4	11°25	25°37	F 29
S 30	14 43 8	12♉ 2'01	10♓35	27♉30	18♉ 4	21♌39	7♈24	2♏ 2	28♎ 5	7♈ 4	9♌34	12♊50	14♊ 1	11♒32	25♎33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n34	19s 8	4s38	2s44	2s10	3n50	1s10	19n12	2n47	0s45	1s 9	10s30	2n38	10s49	0n31	0n51	1s42	28n30	10n57	22n42	22n49	22s16	13s 2	2s29
S 2	5 57	15 16	4 58	1 56	2 5	4 21	1 8	19 7	2 44	0 39	1 9	10 29	2 38	10 48	0 31	0 52	1 42	28 29	10 57	22 41	22 49	22 15	13 0	2 29
S 3	6 19	10 44	5 4	1 6	2 0	4 51	1 7	19 3	2 42	0 34	1 9	10 27	2 39	10 47	0 31	0 53	1 42	28 29	10 57	22 40	22 48	22 14	12 58	2 28
M 4	6 42	5 42	4 56	0 16	1 54	5 21	1 5	18 58	2 40	0 28	1 9	10 26	2 39	10 47	0 31	0 54	1 42	28 29	10 56	22 39	22 48	22 12	12 56	2 28
T 5	7 4	0 21	4 34	0n36	1 48	5 51	1 4	18 53	2 37	0 22	1 9	10 25	2 39	10 46	0 31	0 55	1 42	28 29	10 56	22 37	22 48	22 11	12 54	2 28
W 6	7 27	5n 7	3 58	1 28	1 41	6 21	1 2	18 48	2 35	0 17	1 9	10 23	2 39	10 45	0 31	0 56	1 42	28 29	10 56	22 36	22 47	22 10	12 52	2 27
T 7	7 49	10 29	3 9	2 21	1 34	6 50	1 1	18 43	2 32	0 11	1 9	10 22	2 39	10 44	0 31	0 57	1 42	28 29	10 56	22 35	22 47	22 8	12 50	2 27
F 8	8 11	15 28	2 9	3 16	1 26	7 20	0 59	18 38	2 30	0 6	1 9	10 20	2 39	10 43	0 31	0 58	1 42	28 29	10 56	22 35	22 46	22 7	12 48	2 26
S 9	8 33	19 45	1 0	4 11	1 18	7 49	0 57	18 32	2 28	0 0	1 9	10 19	2 39	10 42	0 31	0 58	1 42	28 29	10 55	22 34	22 46	22 6	12 46	2 26
S 10	8 55	23 3	0n13	5 6	1 9	8 19	0 55	18 27	2 26	0n 5	1 9	10 17	2 39	10 41	0 31	0 59	1 42	28 29	10 55	22 34	22 46	22 5	12 44	2 26
M11	9 16	25 2	1 26	6 3	1 0	8 48	0 54	18 21	2 23	0 11	1 9	10 16	2 39	10 40	0 31	1 0	1 42	28 28	10 55	22 34	22 45	22 3	12 42	2 25
T 12	9 38	25 29	2 35	6 59	0 51	9 17	0 52	18 15	2 21	0 17	1 9	10 14	2 39	10 39	0 31	1 1	1 42	28 28	10 55	22 34	22 45	22 2	12 40	2 25
W13	9 59	24 18	3 35	7 56	0 41	9 45	0 50	18 9	2 19	0 22	1 9	10 13	2 39	10 39	0 31	1 2	1 42	28 28	10 54	22 35	22 45	22 1	12 38	2 24
T 14	10 20	21 34	4 23	8 53	0 31	10 14	0 48	18 2	2 17	0 28	1 10	10 11	2 39	10 38	0 31	1 3	1 42	28 28	10 54	22 34	22 44	21 59	12 36	2 24
F 15	10 41	17 31	4 54	9 50	0 21	10 42	0 46	17 56	2 15	0 33	1 10	10 10	2 39	10 37	0 31	1 4	1 42	28 28	10 54	22 34	22 44	21 58	12 34	2 24
S 16	11 2	12 26	5 8	10 47	0 10	11 10	0 44	17 49	2 13	0 38	1 10	10 8	2 39	10 36	0 31	1 4	1 42	28 27	10 54	22 33	22 44	21 56	12 32	2 23
S 17	11 23	6 41	5 2	11 43	0n 0	11 37	0 42	17 43	2 10	0 44	1 10	10 7	2 39	10 35	0 31	1 5	1 42	28 27	10 53	22 33	22 43	21 55	12 30	2 23
M18	11 43	0 38	4 38	12 38	0 11	12 5	0 40	17 36	2 8	0 49	1 10	10 5	2 39	10 34	0 31	1 6	1 42	28 27	10 53	22 32	22 43	21 54	12 28	2 22
T 19	12 4	5s23	3 57	13 33	0 22	12 32	0 38	17 29	2 6	0 55	1 10	10 3	2 39	10 33	0 31	1 7	1 42	28 27	10 53	22 31	22 43	21 52	12 26	2 22
W20	12 24	11 2	3 2	14 26	0 32	12 59	0 35	17 22	2 4	1 0	1 10	10 2	2 39	10 32	0 31	1 8	1 42	28 26	10 53	22 30	22 42	21 51	12 24	2 21
T 21	12 44	16 3	1 59	15 18	0 42	13 25	0 33	17 14	2 2	1 5	1 10	10 0	2 39	10 31	0 31	1 8	1 42	28 26	10 52	22 30	22 42	21 50	12 22	2 21
F 22	13 3	20 9	0 51	16 9	0 53	13 51	0 31	17 7	2 0	1 11	1 10	9 59	2 39	10 31	0 31	1 9	1 42	28 26	10 52	22 30	22 41	21 48	12 20	2 21
S 23	13 23	23 11	0s18	16 58	1 2	14 17	0 29	16 59	1 58	1 16	1 10	9 57	2 39	10 30	0 31	1 10	1 42	28 26	10 52	22 30	22 41	21 47	12 18	2 20
S 24	13 42	25 1	1 25	17 45	1 12	14 43	0 27	16 52	1 56	1 21	1 10	9 56	2 39	10 29	0 31	1 11	1 42	28 25	10 52	22 30	22 41	21 45	12 16	2 20
M25	14 1	25 36	2 27	18 29	1 21	15 8	0 24	16 44	1 54	1 27	1 10	9 55	2 39	10 28	0 31	1 12	1 42	28 25	10 51	22 30	22 40	21 44	12 14	2 19
T 26	14 20	24 57	3 21	19 12	1 29	15 32	0 22	16 36	1 52	1 32	1 10	9 53	2 39	10 27	0 31	1 12	1 42	28 25	10 51	22 30	22 40	21 42	12 12	2 19
W27	14 39	23 11	4 6	19 52	1 37	15 57	0 20	16 28	1 50	1 37	1 11	9 52	2 39	10 26	0 31	1 13	1 42	28 25	10 51	22 30	22 40	21 41	12 10	2 18
T 28	14 57	20 25	4 40	20 30	1 44	16 21	0 17	16 19	1 49	1 42	1 11	9 50	2 38	10 25	0 31	1 14	1 42	28 24	10 51	22 30	22 39	21 40	12 8	2 18
F 29	15 15	16 47	5 3	21 5	1 51	16 44	0 15	16 11	1 47	1 47	1 11	9 49	2 38	10 24	0 31	1 15	1 42	28 24	10 50	22 30	22 39	21 38	12 6	2 17
S 30	15n33	12s27	5s12	21n38	1n57	17n 7	0s13	16n 2	1n45	1n52	1s11	9s47	2n38	10s24	0n31	1n15	1s42	28n24	10n50	22n30	22n38	21s37	12s 4	2s17

Julian Day Number = 1983397.5, Delta T = 58m04s
Ecliptic obliquity = 23°36'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'11, Lahiri = 6°00'12 Julian Calendar 1 Apr. 718 == Greg. Calendar 5 Apr. 718

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ASTRODIENST EPHEMERIS for the year 718
geocentric

MAY 718 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 47 4	12♉59'37	22♓49	29♉21	19♉17	22♌ 0	7♈37	1°R58	28°R 3	7♈ 5	9♌34	12°R46	13♊57	11♒39	25°R29	S 1
M 2	14 51 1	13°57'11	5♈18	1♊10	20°31	22°22	7°50	1♏53	28♎ 0	7° 7	9°34	12♊41	13°54	11°45	25♎25	M 2
T 3	14 54 57	14°54'44	18° 3	2°55	21°45	22°44	8° 3	1°49	27°58	7° 9	9°35	12°37	13°51	11°52	25°21	T 3
W 4	14 58 54	15°52'17	1♉ 7	4°38	22°58	23° 6	8°16	1°45	27°56	7°11	9°35	12°33	13°48	11°59	25°17	W 4
T 5	15 2 50	16°49'48	14°28	6°18	24°12	23°28	8°29	1°40	27°53	7°13	9°36	12°30	13°45	12° 5	25°13	T 5
F 6	15 6 47	17°47'18	28° 5	7°55	25°26	23°51	8°42	1°36	27°51	7°15	9°36	12°28	13°42	12°12	25° 9	F 6
S 7	15 10 44	18°44'47	11♊56	9°29	26°39	24°15	8°54	1°32	27°49	7°17	9°37	12°D27	13°38	12°19	25° 6	S 7
S 8	15 14 40	19°42'15	25°58	11° 0	27°53	24°38	9° 7	1°28	27°46	7°18	9°37	12°27	13°35	12°26	25° 2	S 8
M 9	15 18 37	20°39'42	10♋ 7	12°28	29° 7	25° 2	9°20	1°24	27°44	7°20	9°38	12°29	13°32	12°32	24°58	M 9
T 10	15 22 33	21°37'07	24°20	13°53	0♊21	25°26	9°32	1°20	27°42	7°22	9°38	12°30	13°29	12°39	24°54	T 10
W11	15 26 30	22°34'31	8♌35	15°14	1°34	25°51	9°44	1°16	27°40	7°24	9°39	12°31	13°26	12°46	24°51	W11
T 12	15 30 26	23°31'54	22°49	16°33	2°48	26°16	9°57	1°12	27°38	7°25	9°40	12°R31	13°23	12°52	24°47	T 12
F 13	15 34 23	24°29'16	7♍ 0	17°48	4° 1	26°41	10° 9	1° 8	27°35	7°27	9°40	12°31	13°19	12°59	24°44	F 13
S 14	15 38 20	25°26'36	21° 5	19° 0	5°15	27° 6	10°21	1° 4	27°33	7°29	9°41	12°30	13°16	13° 6	24°41	S 14
S 15	15 42 16	26°23'55	5♎ 3	20° 8	6°29	27°32	10°33	1° 0	27°31	7°30	9°42	12°28	13°13	13°12	24°37	S 15
M16	15 46 13	27°21'13	18°50	21°13	7°42	27°58	10°45	0°56	27°29	7°32	9°43	12°26	13°10	13°19	24°34	M16
T 17	15 50 9	28°18'30	2♏25	22°15	8°56	28°24	10°57	0°52	27°27	7°34	9°43	12°24	13° 7	13°26	24°31	T 17
W18	15 54 6	29°15'47	15°47	23°13	10° 9	28°51	11° 9	0°49	27°25	7°35	9°44	12°23	13° 3	13°33	24°28	W18
T 19	15 58 2	0♊13'02	28°53	24° 8	11°23	29°17	11°21	0°45	27°23	7°37	9°45	12°22	13° 0	13°39	24°25	T 19
F 20	16 1 59	1°10'17	11♐43	24°59	12°36	29°45	11°33	0°42	27°21	7°38	9°46	12°D22	12°57	13°46	24°22	F 20
S 21	16 5 55	2° 7'31	24°18	25°45	13°50	0♍12	11°44	0°38	27°19	7°40	9°47	12°22	12°54	13°53	24°19	S 21
S 22	16 9 52	3° 4'45	6♑39	26°29	15° 4	0°39	11°56	0°35	27°17	7°41	9°48	12°22	12°51	13°59	24°16	S 22
M23	16 13 49	4° 1'58	18°48	27° 8	16°17	1° 7	12° 7	0°31	27°15	7°43	9°49	12°23	12°48	14° 6	24°13	M23
T 24	16 17 45	4°59'11	0♒47	27°43	17°31	1°35	12°19	0°28	27°13	7°44	9°50	12°24	12°44	14°13	24°11	T 24
W25	16 21 42	5°56'23	12°41	28°13	18°44	2° 3	12°30	0°25	27°12	7°45	9°51	12°25	12°41	14°20	24° 8	W25
T 26	16 25 38	6°53'35	24°34	28°40	19°58	2°32	12°41	0°22	27°10	7°47	9°52	12°25	12°38	14°26	24° 6	T 26
F 27	16 29 35	7°50'47	6♓29	29° 2	21°11	3° 0	12°52	0°19	27° 8	7°48	9°53	12°R25	12°35	14°33	24° 3	F 27
S 28	16 33 31	8°47'58	18°32	29°20	22°25	3°29	13° 3	0°16	27° 7	7°50	9°54	12°25	12°32	14°40	24° 1	S 28
S 29	16 37 28	9°45'10	0♈46	29°33	23°38	3°58	13°14	0°13	27° 5	7°51	9°55	12°25	12°29	14°46	23°59	S 29
M30	16 41 24	10°42'21	13°17	29°42	24°52	4°28	13°25	0°10	27° 3	7°52	9°56	12°25	12°25	14°53	23°57	M30
T 31	16 45 21	11♊39'32	26♈ 7	29°R46	26♊ 5	4♍57	13♈36	0♏ 7	27♎ 2	7♈53	9♌57	12♊25	12♊22	15♒ 0	23♎55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15n51	7s34	5s 8	22n 8	2n 2	17n30	0s10	15n54	1n43	1n58	1s11	9s46	2n38	10s23	0n31	1n16	1s42	28n23	10n50	22n29	22n38	21s35	12s 2	2s16	S 1
M 2	16 8	2 18	4 49	22 36	2 7	17 52	0 8	15 45	1 41	2 3	1 11	9 44	2 38	10 22	0 30	1 17	1 42	28 23	10 50	22 29	22 38	21 34	12 0	2 16	M 2
T 3	16 25	3n12	4 15	23 1	2 10	18 14	0 6	15 36	1 39	2 8	1 11	9 43	2 38	10 21	0 30	1 17	1 42	28 23	10 49	22 28	22 37	21 32	11 58	2 15	T 3
W 4	16 42	8 42	3 27	23 24	2 13	18 36	0 3	15 27	1 38	2 13	1 11	9 42	2 38	10 20	0 30	1 18	1 43	28 22	10 49	22 27	22 37	21 31	11 56	2 15	W 4
T 5	16 59	13 57	2 28	23 44	2 16	18 56	0 1	15 18	1 36	2 18	1 11	9 40	2 38	10 19	0 30	1 19	1 43	28 22	10 49	22 27	22 37	21 29	11 54	2 14	T 5
F 6	17 15	18 36	1 18	24 2	2 17	19 17	0n 2	15 8	1 34	2 23	1 11	9 39	2 38	10 19	0 30	1 20	1 43	28 21	10 49	22 27	22 36	21 28	11 52	2 14	F 6
S 7	17 31	22 20	0 3	24 18	2 18	19 36	0 4	14 59	1 32	2 28	1 12	9 38	2 38	10 18	0 30	1 20	1 43	28 21	10 49	22 27	22 36	21 26	11 50	2 13	S 7
S 8	17 47	24 46	1n14	24 31	2 17	19 56	0 6	14 49	1 31	2 32	1 12	9 36	2 38	10 17	0 30	1 21	1 43	28 21	10 48	22 27	22 35	21 25	11 48	2 13	S 8
M 9	18 2	25 39	2 26	24 42	2 16	20 15	0 9	14 40	1 29	2 37	1 12	9 35	2 37	10 16	0 30	1 22	1 43	28 20	10 48	22 27	22 35	21 23	11 47	2 12	M 9
T 10	18 18	24 51	3 31	24 51	2 15	20 33	0 11	14 30	1 27	2 42	1 12	9 34	2 37	10 15	0 30	1 22	1 43	28 20	10 48	22 27	22 35	21 22	11 45	2 11	T 10
W11	18 33	22 27	4 22	24 58	2 12	20 50	0 14	14 20	1 26	2 47	1 12	9 32	2 37	10 15	0 30	1 23	1 43	28 19	10 48	22 27	22 34	21 20	11 43	2 11	W11
T 12	18 47	18 40	4 57	25 3	2 9	21 8	0 16	14 10	1 24	2 52	1 12	9 31	2 37	10 14	0 30	1 24	1 43	28 19	10 47	22 27	22 34	21 19	11 41	2 10	T 12
F 13	19 1	13 51	5 14	25 6	2 4	21 24	0 18	14 0	1 22	2 56	1 12	9 30	2 37	10 13	0 30	1 24	1 43	28 19	10 47	22 27	22 33	21 17	11 39	2 10	F 13
S 14	19 15	8 19	5 12	25 8	2 0	21 40	0 21	13 50	1 21	3 1	1 12	9 29	2 37	10 12	0 30	1 25	1 43	28 18	10 47	22 27	22 33	21 16	11 38	2 9	S 14
S 15	19 29	2 26	4 51	25 8	1 54	21 55	0 23	13 39	1 19	3 6	1 13	9 27	2 37	10 12	0 30	1 25	1 43	28 18	10 47	22 27	22 33	21 14	11 36	2 9	S 15
M16	19 42	3s31	4 14	25 6	1 47	22 10	0 26	13 29	1 18	3 10	1 13	9 26	2 36	10 11	0 30	1 26	1 43	28 17	10 46	22 27	22 32	21 13	11 34	2 8	M16
T 17	19 55	9 13	3 23	25 2	1 40	22 24	0 28	13 18	1 16	3 15	1 13	9 25	2 36	10 10	0 30	1 27	1 43	28 17	10 46	22 26	22 32	21 11	11 32	2 8	T 17
W18	20 8	14 25	2 22	24 58	1 32	22 37	0 30	13 7	1 15	3 19	1 13	9 24	2 36	10 9	0 30	1 27	1 43	28 16	10 46	22 26	22 31	21 10	11 31	2 7	W18
T 19	20 20	18 51	1 14	24 51	1 23	22 50	0 33	12 56	1 13	3 24	1 13	9 23	2 36	10 9	0 30	1 28	1 43	28 16	10 46	22 26	22 31	21 8	11 29	2 7	T 19
F 20	20 32	22 17	0 4	24 44	1 14	23 2	0 35	12 45	1 12	3 28	1 13	9 22	2 36	10 8	0 30	1 28	1 43	28 15	10 46	22 26	22 31	21 6	11 27	2 6	F 20
S 21	20 44	24 35	1s 6	24 35	1 3	23 14	0 37	12 34	1 10	3 33	1 13	9 21	2 36	10 7	0 30	1 29	1 43	28 15	10 45	22 26	22 30	21 5	11 26	2 5	S 21
S 22	20 55	25 37	2 10	24 26	0 52	23 25	0 39	12 23	1 9	3 37	1 14	9 20	2 35	10 7	0 30	1 29	1 43	28 15	10 45	22 26	22 30	21 3	11 24	2 5	S 22
M23	21 6	25 23	3 8	24 15	0 41	23 35	0 42	12 12	1 7	3 42	1 14	9 19	2 35	10 6	0 30	1 30	1 43	28 14	10 45	22 26	22 29	21 2	11 23	2 4	M23
T 24	21 17	23 59	3 57	24 3	0 28	23 44	0 44	12 0	1 6	3 46	1 14	9 18	2 35	10 5	0 30	1 30	1 43	28 14	10 45	22 26	22 29	21 0	11 21	2 4	T 24
W25	21 27	21 31	4 35	23 51	0 15	23 53	0 46	11 49	1 4	3 50	1 14	9 17	2 35	10 5	0 30	1 31	1 44	28 13	10 44	22 26	22 29	20 58	11 20	2 3	W25
T 26	21 37	18 9	5 2	23 37	0 1	24 1	0 48	11 37	1 3	3 54	1 14	9 16	2 35	10 4	0 30	1 31	1 44	28 13	10 44	22 26	22 28	20 57	11 18	2 3	T 26
F 27	21 46	14 4	5 15	23 23	0s13	24 9	0 50	11 25	1 1	3 59	1 14	9 15	2 34	10 4	0 30	1 32	1 44	28 12	10 44	22 26	22 28	20 55	11 17	2 2	F 27
S 28	21 55	9 23	5 15	23 9	0 27	24 15	0 52	11 14	1 0	4 3	1 14	9 14	2 34	10 3	0 30	1 32	1 44	28 12	10 44	22 26	22 27	20 54	11 16	2 1	S 28
S 29	22 4	4 17	5 1	22 54	0 43	24 21	0 54	11 2	0 58	4 7	1 15	9 13	2 34	10 2	0 30	1 33	1 44	28 11	10 44	22 26	22 27	20 52	11 14	2 1	S 29
M30	22 12	1n 6	4 32	22 38	0 58	24 27	0 56	10 50	0 57	4 11	1 15	9 12	2 34	10 2	0 30	1 33	1 44	28 11	10 43	22 26	22 26	20 50	11 13	2 0	M30
T 31	22n20	6n35	3s49	22n22	1s14	24n31	0n58	10n37	0n56	4n15	1s15	9s12	2n34	10s 1	0n30	1n34	1s44	28n10	10n43	22n26	22n26	20s49	11s12	2s 0	T 31

Julian Day Number = 1983427.5, Delta T = 58m03s
Ecliptic obliquity = 23°36'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'15, Lahiri = 6°00'16 Julian Calendar 1 May 718 == Greg. Calendar 5 May 718

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ASTRODIENST EPHEMERIS for the year 718
geocentric

JUNE 718 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 49 18	12♊36'43	9♉18	29°R45	27♊18	5♍27	13♈46	0°R 4	27°R 0	7♈55	9♌59	12°D25	12♊19	15♒ 6	23°R53	W 1
T 2	16 53 14	13°33'54	22°52	29♊40	28°32	5°57	13°57	0♏ 2	26♎59	7°56	10° 0	12♊25	12°16	15°13	23♎51	T 2
F 3	16 57 11	14°31'05	6♊47	29°31	29°45	6°27	14° 7	29♎59	26°57	7°57	10° 1	12°R25	12°13	15°20	23°49	F 3
S 4	17 1 7	15°28'16	21° 1	29°17	0♋59	6°57	14°17	29°56	26°56	7°58	10° 2	12°25	12° 9	15°27	23°47	S 4
S 5	17 5 4	16°25'26	5♋28	28°59	2°12	7°28	14°27	29°54	26°55	7°59	10° 4	12°25	12° 6	15°33	23°46	S 5
M 6	17 9 0	17°22'37	20° 4	28°38	3°26	7°59	14°37	29°52	26°53	8° 0	10° 5	12°24	12° 3	15°40	23°44	M 6
T 7	17 12 57	18°19'47	4♌43	28°12	4°39	8°30	14°47	29°50	26°52	8° 1	10° 6	12°24	12° 0	15°47	23°43	T 7
W 8	17 16 53	19°16'56	19°17	27°44	5°53	9° 1	14°57	29°47	26°51	8° 2	10° 8	12°23	11°57	15°53	23°42	W 8
T 9	17 20 50	20°14'06	3♍42	27°13	7° 6	9°32	15° 7	29°45	26°50	8° 3	10° 9	12°22	11°54	16° 0	23°41	T 9
F 10	17 24 47	21°11'14	17°56	26°39	8°19	10° 4	15°17	29°43	26°48	8° 4	10°10	12°D22	11°50	16° 7	23°40	F 10
S 11	17 28 43	22° 8'23	1♎54	26° 4	9°33	10°36	15°26	29°41	26°47	8° 5	10°12	12°22	11°47	16°14	23°39	S 11
S 12	17 32 40	23° 5'31	15°37	25°27	10°46	11° 7	15°35	29°40	26°46	8° 6	10°13	12°23	11°44	16°20	23°38	S 12
M13	17 36 36	24° 2'39	29° 4	24°50	11°59	11°39	15°45	29°38	26°45	8° 7	10°15	12°24	11°41	16°27	23°37	M13
T 14	17 40 33	24°59'47	12♏16	24°13	13°13	12°12	15°54	29°36	26°44	8° 8	10°16	12°25	11°38	16°34	23°36	T 14
W15	17 44 29	25°56'55	25°13	23°36	14°26	12°44	16° 3	29°35	26°43	8° 8	10°18	12°26	11°35	16°40	23°36	W15
T 16	17 48 26	26°54'03	7♐58	23° 1	15°39	13°17	16°12	29°33	26°43	8° 9	10°19	12°R26	11°31	16°47	23°35	T 16
F 17	17 52 22	27°51'11	20°30	22°28	16°53	13°49	16°20	29°32	26°42	8°10	10°21	12°26	11°28	16°54	23°35	F 17
S 18	17 56 19	28°48'20	2♑51	21°57	18° 6	14°22	16°29	29°31	26°41	8°11	10°22	12°25	11°25	17° 1	23°35	S 18
S 19	18 0 16	29°45'28	15° 2	21°30	19°19	14°55	16°37	29°30	26°40	8°11	10°24	12°23	11°22	17° 7	23°35	S 19
M20	18 4 12	0♋42'37	27° 5	21° 6	20°33	15°29	16°46	29°29	26°40	8°12	10°25	12°21	11°19	17°14	23°D35	M20
T 21	18 8 9	1°39'47	9♒ 1	20°46	21°46	16° 2	16°54	29°28	26°39	8°12	10°27	12°18	11°15	17°21	23°35	T 21
W22	18 12 5	2°36'57	20°54	20°30	22°59	16°35	17° 2	29°27	26°39	8°13	10°28	12°15	11°12	17°27	23°35	W22
T 23	18 16 2	3°34'07	2♓46	20°19	24°12	17° 9	17°10	29°26	26°38	8°14	10°30	12°12	11° 9	17°34	23°35	T 23
F 24	18 19 58	4°31'18	14°40	20°14	25°26	17°43	17°18	29°25	26°38	8°14	10°32	12°10	11° 6	17°41	23°35	F 24
S 25	18 23 55	5°28'30	26°42	20°D13	26°39	18°17	17°25	29°25	26°37	8°15	10°33	12° 9	11° 3	17°48	23°36	S 25
S 26	18 27 52	6°25'43	8♈54	20°18	27°52	18°51	17°33	29°24	26°37	8°15	10°35	12°D 8	11° 0	17°54	23°37	S 26
M27	18 31 48	7°22'56	21°22	20°29	29° 5	19°25	17°40	29°24	26°37	8°15	10°37	12° 9	10°56	18° 1	23°37	M27
T 28	18 35 45	8°20'10	4♉10	20°45	0♌18	20° 0	17°47	29°23	26°36	8°16	10°38	12°10	10°53	18° 8	23°38	T 28
W29	18 39 41	9°17'25	17°21	21° 7	1°32	20°34	17°54	29°23	26°36	8°16	10°40	12°12	10°50	18°14	23°39	W29
T 30	18 43 38	10♋14'41	0♊58	21♊35	2♌45	21♍ 9	18♈ 1	29♎23	26♎36	8♈16	10♌42	12♊13	10♊47	18♒21	23♎40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n28	11n57	2s53	22n 6	1s30	24n35	1n 0	10n25	0n54	4n19	1s15	9s11	2n33	10s 1	0n30	1n34	1s44	28n 9	10n43	22n26	22n26	20s47	11s10	1s59
T 2	22 35	16 54	1 46	21 50	1 46	24 38	1 2	10 13	0 53	4 23	1 15	9 10	2 33	10 0	0 30	1 35	1 44	28 9	10 43	22 26	22 25	20 45	11 9	1 59
F 3	22 42	21 5	0 31	21 34	2 3	24 40	1 4	10 0	0 52	4 27	1 15	9 9	2 33	10 0	0 30	1 35	1 44	28 8	10 43	22 26	22 25	20 44	11 8	1 58
S 4	22 48	24 5	0n48	21 17	2 19	24 42	1 6	9 48	0 50	4 31	1 16	9 9	2 33	9 59	0 30	1 35	1 44	28 8	10 42	22 26	22 24	20 42	11 7	1 57
S 5	22 54	25 34	2 4	21 1	2 35	24 43	1 8	9 35	0 49	4 34	1 16	9 8	2 33	9 59	0 30	1 36	1 44	28 7	10 42	22 26	22 24	20 40	11 6	1 57
M 6	23 0	25 17	3 14	20 45	2 51	24 43	1 9	9 22	0 48	4 38	1 16	9 8	2 32	9 58	0 30	1 36	1 44	28 7	10 42	22 26	22 24	20 39	11 4	1 56
T 7	23 5	23 16	4 11	20 30	3 6	24 42	1 11	9 9	0 46	4 42	1 16	9 7	2 32	9 58	0 30	1 36	1 44	28 6	10 42	22 26	22 23	20 37	11 3	1 56
W 8	23 10	19 45	4 51	20 15	3 20	24 41	1 13	8 57	0 45	4 46	1 16	9 6	2 32	9 57	0 30	1 37	1 44	28 6	10 42	22 26	22 23	20 35	11 2	1 55
T 9	23 15	15 4	5 13	20 1	3 34	24 39	1 14	8 43	0 44	4 49	1 17	9 6	2 32	9 57	0 30	1 37	1 44	28 5	10 42	22 26	22 22	20 34	11 1	1 54
F 10	23 19	9 38	5 15	19 47	3 47	24 36	1 16	8 30	0 43	4 53	1 17	9 5	2 31	9 57	0 30	1 37	1 44	28 5	10 41	22 26	22 22	20 32	11 1	1 54
S 11	23 22	3 48	4 58	19 35	3 58	24 33	1 17	8 17	0 41	4 56	1 17	9 5	2 31	9 56	0 30	1 38	1 44	28 4	10 41	22 26	22 21	20 30	11 0	1 53
S 12	23 25	2s 7	4 25	19 23	4 9	24 29	1 19	8 4	0 40	5 0	1 17	9 5	2 31	9 56	0 30	1 38	1 45	28 4	10 41	22 26	22 21	20 29	10 59	1 53
M13	23 28	7 50	3 38	19 13	4 18	24 24	1 20	7 50	0 39	5 3	1 17	9 4	2 31	9 56	0 29	1 38	1 45	28 3	10 41	22 26	22 21	20 27	10 58	1 52
T 14	23 31	13 6	2 39	19 3	4 26	24 18	1 22	7 37	0 38	5 6	1 17	9 4	2 30	9 55	0 29	1 39	1 45	28 2	10 41	22 26	22 20	20 25	10 57	1 52
W15	23 33	17 41	1 34	18 55	4 32	24 11	1 23	7 23	0 36	5 10	1 18	9 4	2 30	9 55	0 29	1 39	1 45	28 2	10 41	22 27	22 20	20 24	10 56	1 51
T 16	23 34	21 23	0 25	18 49	4 37	24 4	1 24	7 10	0 35	5 13	1 18	9 3	2 30	9 55	0 29	1 39	1 45	28 1	10 41	22 27	22 19	20 22	10 56	1 50
F 17	23 35	24 0	0s44	18 44	4 40	23 56	1 25	6 56	0 34	5 16	1 18	9 3	2 30	9 55	0 29	1 39	1 45	28 1	10 40	22 27	22 19	20 20	10 55	1 50
S 18	23 36	25 25	1 50	18 41	4 41	23 48	1 26	6 42	0 33	5 19	1 18	9 3	2 29	9 54	0 29	1 40	1 45	28 0	10 40	22 26	22 18	20 18	10 54	1 49
S 19	23 36	25 34	2 50	18 39	4 41	23 39	1 27	6 28	0 32	5 22	1 18	9 3	2 29	9 54	0 29	1 40	1 45	28 0	10 40	22 26	22 18	20 17	10 54	1 49
M20	23 36	24 31	3 42	18 39	4 39	23 29	1 28	6 14	0 31	5 25	1 19	9 3	2 29	9 54	0 29	1 40	1 45	27 59	10 40	22 26	22 18	20 15	10 53	1 48
T 21	23 36	22 21	4 23	18 41	4 36	23 18	1 29	6 0	0 29	5 28	1 19	9 3	2 29	9 54	0 29	1 40	1 45	27 58	10 40	22 26	22 17	20 13	10 53	1 47
W22	23 35	19 15	4 53	18 45	4 32	23 7	1 30	5 46	0 28	5 31	1 19	9 2	2 28	9 53	0 29	1 40	1 45	27 58	10 40	22 25	22 17	20 11	10 52	1 47
T 23	23 33	15 22	5 10	18 50	4 26	22 55	1 31	5 32	0 27	5 34	1 19	9 2	2 28	9 53	0 29	1 40	1 45	27 57	10 40	22 25	22 16	20 10	10 52	1 46
F 24	23 32	10 54	5 14	18 56	4 19	22 42	1 32	5 17	0 26	5 37	1 20	9 2	2 28	9 53	0 29	1 41	1 45	27 57	10 40	22 24	22 16	20 8	10 51	1 46
S 25	23 29	5 58	5 4	19 5	4 11	22 29	1 32	5 3	0 25	5 40	1 20	9 2	2 28	9 53	0 29	1 41	1 45	27 56	10 39	22 24	22 15	20 6	10 51	1 45
S 26	23 27	0 45	4 41	19 14	4 1	22 15	1 33	4 48	0 24	5 42	1 20	9 3	2 27	9 53	0 29	1 41	1 45	27 55	10 39	22 24	22 15	20 4	10 51	1 45
M27	23 24	4n38	4 4	19 25	3 51	22 0	1 33	4 34	0 23	5 45	1 20	9 3	2 27	9 53	0 29	1 41	1 45	27 55	10 39	22 24	22 14	20 2	10 50	1 44
T 28	23 20	9 58	3 14	19 38	3 40	21 45	1 34	4 19	0 22	5 47	1 20	9 3	2 27	9 53	0 29	1 41	1 46	27 54	10 39	22 25	22 14	20 1	10 50	1 43
W29	23 17	15 1	2 12	19 51	3 28	21 29	1 34	4 5	0 20	5 50	1 21	9 3	2 27	9 53	0 29	1 41	1 46	27 54	10 39	22 25	22 13	19 59	10 50	1 43
T 30	23n12	19n30	1s 1	20n 5	3s15	21n13	1n35	3n50	0n19	5n52	1s21	9s 3	2n26	9s53	0n29	1n41	1s46	27n53	10n39	22n25	22n13	19s57	10s50	1s42

Julian Day Number = 1983458.5, Delta T = 58m02s
Ecliptic obliquity = 23°36'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'19, Lahiri = 6°00'20 Julian Calendar 1 June 718 == Greg. Calendar 5 June 718

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ASTRODIENST EPHEMERIS for the year 718
geocentric

JULY 718 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 47 34	11♋11'58	15♊ 1	22♊ 9	3♌58	21♍44	18♈ 8	29°D23	26°R36	8♈17	10♌44	12°R13	10♊44	18♒28	23♎41	F 1
S 2	18 51 31	12° 9'16	29°29	22°48	5°11	22°19	18°15	29♎23	26°D36	8°17	10°45	12♊12	10°41	18°35	23°42	S 2
S 3	18 55 27	13° 6'35	14♋15	23°33	6°24	22°54	18°21	29°23	26♎36	8°17	10°47	12°10	10°37	18°41	23°43	S 3
M 4	18 59 24	14° 3'54	29°14	24°23	7°37	23°29	18°27	29°24	26°36	8°17	10°49	12° 6	10°34	18°48	23°45	M 4
T 5	19 3 21	15° 1'14	14♌17	25°20	8°51	24° 5	18°34	29°24	26°36	8°18	10°51	12° 2	10°31	18°55	23°46	T 5
W 6	19 7 17	15°58'35	29°13	26°21	10° 4	24°40	18°40	29°25	26°36	8°18	10°52	11°57	10°28	19° 1	23°48	W 6
T 7	19 11 14	16°55'56	13♍57	27°28	11°17	25°16	18°45	29°25	26°36	8°18	10°54	11°53	10°25	19° 8	23°50	T 7
F 8	19 15 10	17°53'18	28°20	28°40	12°30	25°52	18°51	29°26	26°37	8°18	10°56	11°50	10°21	19°15	23°52	F 8
S 9	19 19 7	18°50'40	12♎22	29°58	13°43	26°27	18°56	29°27	26°37	8°R18	10°58	11°49	10°18	19°22	23°53	S 9
S 10	19 23 3	19°48'03	26° 0	1♋20	14°56	27° 4	19° 2	29°27	26°37	8°18	11° 0	11°D49	10°15	19°28	23°56	S 10
M11	19 27 0	20°45'27	9♏17	2°47	16° 9	27°40	19° 7	29°28	26°38	8°18	11° 2	11°50	10°12	19°35	23°58	M11
T 12	19 30 56	21°42'52	22°14	4°19	17°22	28°16	19°12	29°29	26°38	8°18	11° 4	11°51	10° 9	19°42	24° 0	T 12
W13	19 34 53	22°40'17	4♐55	5°55	18°35	28°52	19°17	29°31	26°39	8°18	11° 5	11°52	10° 6	19°48	24° 2	W13
T 14	19 38 50	23°37'43	17°22	7°35	19°48	29°29	19°21	29°32	26°39	8°17	11° 7	11°R52	10° 2	19°55	24° 5	T 14
F 15	19 42 46	24°35'10	29°38	9°18	21° 1	0♎ 6	19°26	29°33	26°40	8°17	11° 9	11°51	9°59	20° 2	24° 7	F 15
S 16	19 46 43	25°32'39	11♑46	11° 6	22°14	0°42	19°30	29°35	26°41	8°17	11°11	11°47	9°56	20° 9	24°10	S 16
S 17	19 50 39	26°30'08	23°48	12°56	23°26	1°19	19°34	29°36	26°41	8°17	11°13	11°42	9°53	20°15	24°12	S 17
M18	19 54 36	27°27'38	5♒44	14°49	24°39	1°56	19°38	29°38	26°42	8°16	11°15	11°34	9°50	20°22	24°15	M18
T 19	19 58 32	28°25'10	17°38	16°45	25°52	2°34	19°42	29°39	26°43	8°16	11°17	11°26	9°47	20°29	24°18	T 19
W20	20 2 29	29°22'43	29°30	18°42	27° 5	3°11	19°45	29°41	26°44	8°16	11°19	11°17	9°43	20°35	24°21	W20
T 21	20 6 25	0♌20'17	11♓22	20°41	28°18	3°48	19°49	29°43	26°45	8°15	11°21	11° 8	9°40	20°42	24°24	T 21
F 22	20 10 22	1°17'52	23°17	22°41	29°30	4°26	19°52	29°45	26°46	8°15	11°23	11° 1	9°37	20°49	24°27	F 22
S 23	20 14 19	2°15'30	5♈19	24°43	0♍43	5° 3	19°55	29°47	26°47	8°15	11°25	10°55	9°34	20°56	24°31	S 23
S 24	20 18 15	3°13'08	17°30	26°44	1°56	5°41	19°58	29°49	26°48	8°14	11°26	10°52	9°31	21° 2	24°34	S 24
M25	20 22 12	4°10'49	29°55	28°46	3° 9	6°19	20° 0	29°52	26°49	8°14	11°28	10°D51	9°27	21° 9	24°38	M25
T 26	20 26 8	5° 8'31	12♉38	0♌48	4°21	6°57	20° 3	29°54	26°50	8°13	11°30	10°51	9°24	21°16	24°41	T 26
W27	20 30 5	6° 6'15	25°43	2°50	5°34	7°35	20° 5	29°57	26°52	8°13	11°32	10°52	9°21	21°22	24°45	W27
T 28	20 34 1	7° 4'00	9♊15	4°51	6°47	8°13	20° 7	29°59	26°53	8°12	11°34	10°R52	9°18	21°29	24°49	T 28
F 29	20 37 58	8° 1'47	23°15	6°52	7°59	8°51	20° 9	0♏ 2	26°54	8°11	11°36	10°52	9°15	21°36	24°52	F 29
S 30	20 41 54	8°59'37	7♋43	8°52	9°12	9°30	20°10	0° 4	26°56	8°11	11°38	10°49	9°12	21°43	24°56	S 30
S 31	20 45 51	9♌57'27	22♋35	10♌51	10♍24	10♎ 8	20♈12	0♏ 7	26♎57	8♈10	11♌40	10♊44	9♊ 8	21♒49	25♎ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 8	23n 1	0n15	20n20	3s 2	20n56	1n35	3n35	0n18	5n55	1s21	9s 3	2n26	9s53	0n29	1n41	1s46	27n53	10n39	22n25	22n13	19s55	10s50	1s42
S 2	23 3	25 9	1 33	20 36	2 49	20 38	1 35	3 20	0 17	5 57	1 21	9 4	2 26	9 53	0 29	1 41	1 46	27 52	10 39	22 25	22 12	19 53	10 50	1 41
S 3	22 57	25 35	2 46	20 52	2 35	20 20	1 35	3 5	0 16	5 59	1 22	9 4	2 25	9 53	0 29	1 41	1 46	27 51	10 39	22 24	22 12	19 52	10 50	1 41
M 4	22 51	24 11	3 49	21 9	2 20	20 1	1 35	2 50	0 15	6 1	1 22	9 4	2 25	9 53	0 29	1 41	1 46	27 51	10 39	22 24	22 11	19 50	10 50	1 40
T 5	22 45	21 3	4 36	21 26	2 6	19 42	1 35	2 35	0 14	6 4	1 22	9 5	2 25	9 53	0 29	1 41	1 46	27 50	10 39	22 23	22 11	19 48	10 50	1 39
W 6	22 39	16 33	5 4	21 42	1 51	19 22	1 35	2 20	0 13	6 6	1 22	9 5	2 25	9 53	0 29	1 41	1 46	27 50	10 39	22 23	22 10	19 46	10 50	1 39
T 7	22 31	11 8	5 11	21 58	1 37	19 2	1 35	2 5	0 12	6 8	1 22	9 6	2 24	9 53	0 29	1 41	1 46	27 49	10 38	22 22	22 10	19 44	10 50	1 38
F 8	22 24	5 13	4 59	22 14	1 22	18 41	1 34	1 50	0 11	6 10	1 23	9 6	2 24	9 53	0 29	1 41	1 46	27 48	10 38	22 22	22 9	19 42	10 50	1 38
S 9	22 16	0s48	4 28	22 29	1 7	18 20	1 34	1 34	0 10	6 11	1 23	9 7	2 24	9 53	0 29	1 41	1 46	27 48	10 38	22 22	22 9	19 41	10 50	1 37
S 10	22 8	6 38	3 44	22 43	0 53	17 58	1 34	1 19	0 9	6 13	1 23	9 7	2 24	9 54	0 29	1 41	1 46	27 47	10 38	22 22	22 8	19 39	10 50	1 37
M11	21 59	12 2	2 48	22 56	0 39	17 35	1 33	1 4	0 8	6 15	1 23	9 8	2 23	9 54	0 29	1 41	1 46	27 47	10 38	22 22	22 8	19 37	10 51	1 36
T 12	21 50	16 46	1 45	23 7	0 25	17 12	1 33	0 48	0 7	6 17	1 24	9 8	2 23	9 54	0 29	1 41	1 46	27 46	10 38	22 22	22 8	19 35	10 51	1 35
W13	21 41	20 39	0 38	23 16	0 12	16 49	1 32	0 33	0 6	6 18	1 24	9 9	2 23	9 54	0 28	1 41	1 46	27 46	10 38	22 22	22 7	19 33	10 51	1 35
T 14	21 31	23 30	0s30	23 24	0n 1	16 25	1 31	0 17	0 5	6 20	1 24	9 10	2 22	9 54	0 28	1 41	1 47	27 45	10 38	22 22	22 7	19 31	10 52	1 34
F 15	21 21	25 11	1 35	23 30	0 13	16 1	1 30	0 2	0 4	6 21	1 24	9 10	2 22	9 55	0 28	1 41	1 47	27 44	10 38	22 22	22 6	19 29	10 52	1 34
S 16	21 11	25 39	2 35	23 33	0 25	15 37	1 30	0s14	0 3	6 23	1 25	9 11	2 22	9 55	0 28	1 41	1 47	27 44	10 38	22 21	22 6	19 27	10 53	1 33
S 17	21 0	24 53	3 27	23 34	0 36	15 12	1 29	0 30	0 2	6 24	1 25	9 12	2 22	9 55	0 28	1 40	1 47	27 43	10 38	22 21	22 5	19 25	10 53	1 33
M18	20 49	22 59	4 9	23 32	0 46	14 46	1 28	0 45	0 1	6 25	1 25	9 13	2 21	9 56	0 28	1 40	1 47	27 43	10 38	22 20	22 5	19 24	10 54	1 32
T 19	20 37	20 6	4 41	23 28	0 56	14 20	1 27	1 1	0 0	6 26	1 25	9 14	2 21	9 56	0 28	1 40	1 47	27 42	10 38	22 18	22 4	19 22	10 54	1 32
W20	20 25	16 24	5 0	23 21	1 4	13 54	1 25	1 17	0s 1	6 27	1 26	9 15	2 21	9 56	0 28	1 40	1 47	27 42	10 38	22 17	22 4	19 20	10 55	1 31
T 21	20 13	12 4	5 6	23 12	1 12	13 28	1 24	1 33	0 2	6 29	1 26	9 16	2 21	9 57	0 28	1 40	1 47	27 41	10 38	22 16	22 3	19 18	10 56	1 31
F 22	20 1	7 16	5 0	22 59	1 19	13 1	1 23	1 49	0 2	6 29	1 26	9 16	2 20	9 57	0 28	1 39	1 47	27 40	10 38	22 15	22 3	19 16	10 56	1 30
S 23	19 48	2 9	4 39	22 44	1 26	12 34	1 21	2 4	0 3	6 30	1 26	9 17	2 20	9 57	0 28	1 39	1 47	27 40	10 38	22 14	22 2	19 14	10 57	1 30
S 24	19 34	3n 7	4 7	22 26	1 31	12 6	1 20	2 20	0 4	6 31	1 27	9 18	2 20	9 58	0 28	1 39	1 47	27 39	10 38	22 14	22 2	19 12	10 58	1 29
M25	19 21	8 23	3 21	22 6	1 35	11 38	1 18	2 36	0 5	6 32	1 27	9 19	2 20	9 58	0 28	1 39	1 47	27 39	10 38	22 14	22 1	19 10	10 59	1 28
T 26	19 7	13 26	2 25	21 44	1 39	11 10	1 17	2 52	0 6	6 33	1 27	9 21	2 19	9 59	0 28	1 38	1 47	27 38	10 38	22 14	22 1	19 8	10 59	1 28
W27	18 53	18 1	1 20	21 19	1 42	10 42	1 15	3 8	0 7	6 33	1 27	9 22	2 19	9 59	0 28	1 38	1 47	27 38	10 38	22 14	22 0	19 6	11 0	1 27
T 28	18 38	21 51	0 9	20 52	1 44	10 13	1 13	3 24	0 8	6 34	1 28	9 23	2 19	10 0	0 28	1 38	1 47	27 37	10 38	22 14	22 0	19 4	11 1	1 27
F 29	18 23	24 32	1n 6	20 23	1 46	9 44	1 12	3 40	0 9	6 34	1 28	9 24	2 19	10 0	0 28	1 38	1 47	27 37	10 38	22 14	21 59	19 2	11 2	1 26
S 30	18 8	25 41	2 18	19 53	1 47	9 15	1 10	3 56	0 10	6 35	1 28	9 25	2 18	10 1	0 28	1 37	1 48	27 36	10 38	22 13	21 59	19 0	11 3	1 26
S 31	17n53	25n 3	3n23	19n20	1n47	8n46	1n 8	4s12	0s11	6n35	1s28	9s26	2n18	10s 1	0n28	1n37	1s48	27n36	10n39	22n13	21n58	18s58	11s 4	1s25

Julian Day Number = 1983488.5, Delta T = 58m01s
Ecliptic obliquity = 23°36'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'24, Lahiri = 6°00'24 Julian Calendar 1 July 718 == Greg. Calendar 5 July 718

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ASTRODIENST EPHEMERIS for the year 718
geocentric

AUGUST 718 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 49 48	10♌55'20	7♌45	12♌49	11♍37	10♎47	20♈13	0♏10	26♎58	8°R 9	11♌42	10°R37	9♊ 5	21♒56	25♎ 5	M 1
T 2	20 53 44	11°53'14	23° 2	14°46	12°50	11°25	20°14	0°13	27° 0	8♈ 9	11°44	10♊28	9° 2	22° 3	25° 9	T 2
W 3	20 57 41	12°51'09	8♍16	16°42	14° 2	12° 4	20°15	0°16	27° 2	8° 8	11°46	10°19	8°59	22° 9	25°13	W 3
T 4	21 1 37	13°49'06	23°16	18°36	15°15	12°43	20°16	0°19	27° 3	8° 7	11°48	10°10	8°56	22°16	25°17	T 4
F 5	21 5 34	14°47'04	7♎53	20°29	16°27	13°22	20°16	0°23	27° 5	8° 6	11°50	10° 4	8°53	22°23	25°22	F 5
S 6	21 9 30	15°45'04	22° 4	22°21	17°39	14° 1	20°16	0°26	27° 7	8° 5	11°52	9°59	8°49	22°30	25°26	S 6
S 7	21 13 27	16°43'04	5♏47	24°12	18°52	14°41	20°R16	0°29	27° 8	8° 4	11°54	9°57	8°46	22°36	25°31	S 7
M 8	21 17 23	17°41'07	19° 2	26° 2	20° 4	15°20	20°16	0°33	27°10	8° 4	11°56	9°D56	8°43	22°43	25°36	M 8
T 9	21 21 20	18°39'11	1♐54	27°50	21°16	15°59	20°16	0°36	27°12	8° 3	11°58	9°57	8°40	22°50	25°40	T 9
W10	21 25 17	19°37'16	14°27	29°37	22°29	16°39	20°15	0°40	27°14	8° 2	12° 0	9°R57	8°37	22°56	25°45	W10
T 11	21 29 13	20°35'23	26°44	1♍23	23°41	17°19	20°15	0°44	27°16	8° 1	12° 2	9°56	8°33	23° 3	25°50	T 11
F 12	21 33 10	21°33'32	8♑51	3° 7	24°53	17°58	20°14	0°48	27°18	8° 0	12° 4	9°52	8°30	23°10	25°55	F 12
S 13	21 37 6	22°31'42	20°50	4°50	26° 5	18°38	20°13	0°52	27°20	7°59	12° 6	9°46	8°27	23°17	26° 0	S 13
S 14	21 41 3	23°29'53	2♒45	6°32	27°18	19°18	20°11	0°56	27°22	7°58	12° 8	9°37	8°24	23°23	26° 6	S 14
M15	21 44 59	24°28'07	14°37	8°13	28°30	19°58	20°10	1° 0	27°24	7°56	12°10	9°26	8°21	23°30	26°11	M15
T 16	21 48 56	25°26'22	26°30	9°53	29°42	20°38	20° 8	1° 4	27°26	7°55	12°12	9°13	8°18	23°37	26°16	T 16
W17	21 52 52	26°24'39	8♓23	11°31	0♎54	21°19	20° 6	1° 8	27°29	7°54	12°13	8°59	8°14	23°43	26°22	W17
T 18	21 56 49	27°22'58	20°19	13° 9	2° 6	21°59	20° 4	1°12	27°31	7°53	12°15	8°46	8°11	23°50	26°27	T 18
F 19	22 0 46	28°21'19	2♈18	14°45	3°18	22°39	20° 2	1°17	27°33	7°52	12°17	8°34	8° 8	23°57	26°33	F 19
S 20	22 4 42	29°19'42	14°24	16°20	4°30	23°20	19°59	1°21	27°36	7°51	12°19	8°25	8° 5	24° 4	26°38	S 20
S 21	22 8 39	0♍18'07	26°38	17°54	5°41	24° 0	19°56	1°25	27°38	7°49	12°21	8°18	8° 2	24°10	26°44	S 21
M22	22 12 35	1°16'34	9♉ 4	19°27	6°53	24°41	19°53	1°30	27°40	7°48	12°23	8°14	7°58	24°17	26°50	M22
T 23	22 16 32	2°15'03	21°46	20°59	8° 5	25°22	19°50	1°35	27°43	7°47	12°25	8°13	7°55	24°24	26°55	T 23
W24	22 20 28	3°13'35	4♊46	22°30	9°17	26° 3	19°47	1°39	27°45	7°46	12°27	8°13	7°52	24°31	27° 1	W24
T 25	22 24 25	4°12'09	18°10	23°59	10°29	26°44	19°43	1°44	27°48	7°44	12°29	8°12	7°49	24°37	27° 7	T 25
F 26	22 28 21	5°10'46	2♋ 1	25°28	11°40	27°25	19°40	1°49	27°51	7°43	12°30	8°11	7°46	24°44	27°13	F 26
S 27	22 32 18	6° 9'24	16°18	26°55	12°52	28° 6	19°36	1°54	27°53	7°41	12°32	8° 8	7°43	24°51	27°19	S 27
S 28	22 36 15	7° 8'05	1♌ 2	28°21	14° 4	28°47	19°32	1°59	27°56	7°40	12°34	8° 2	7°39	24°57	27°25	S 28
M29	22 40 11	8° 6'49	16° 6	29°46	15°15	29°28	19°28	2° 4	27°59	7°39	12°36	7°53	7°36	25° 4	27°32	M29
T 30	22 44 8	9° 5'34	1♍22	1♎10	16°27	0♏10	19°23	2° 9	28° 1	7°37	12°38	7°42	7°33	25°11	27°38	T 30
W31	22 48 4	10♍ 4'21	16♍39	2♎33	17♎38	0♏51	19♈19	2♏14	28♎ 4	7♈36	12♌39	7♊31	7♊30	25♒18	27♎44	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n37	22n34	4n16	18n47	1n46	8n16	1n 6	4s28	0s11	6n35	1s29	9s28	2n18	10s 2	0n28	1n37	1s48	27n35	10n39	22n12	21n58	18s56	11s 5	1s25
T 2	17 21	18 29	4 50	18 11	1 45	7 46	1 4	4 44	0 12	6 35	1 29	9 29	2 18	10 3	0 28	1 36	1 48	27 35	10 39	22 10	21 57	18 54	11 6	1 24
W 3	17 4	13 12	5 3	17 35	1 43	7 16	1 2	5 0	0 13	6 35	1 29	9 30	2 17	10 3	0 28	1 36	1 48	27 34	10 39	22 9	21 57	18 52	11 7	1 24
T 4	16 48	7 13	4 56	16 57	1 41	6 46	0 59	5 16	0 14	6 36	1 29	9 32	2 17	10 4	0 28	1 36	1 48	27 34	10 39	22 8	21 57	18 50	11 8	1 23
F 5	16 31	0 58	4 29	16 19	1 38	6 16	0 57	5 32	0 15	6 35	1 30	9 33	2 17	10 4	0 28	1 35	1 48	27 33	10 39	22 7	21 56	18 48	11 10	1 23
S 6	16 14	5s10	3 46	15 39	1 35	5 45	0 55	5 48	0 16	6 35	1 30	9 34	2 17	10 5	0 28	1 35	1 48	27 33	10 39	22 6	21 56	18 46	11 11	1 22
S 7	15 56	10 51	2 51	14 59	1 31	5 14	0 52	6 5	0 16	6 35	1 30	9 36	2 16	10 6	0 28	1 34	1 48	27 32	10 39	22 6	21 55	18 44	11 12	1 22
M 8	15 38	15 51	1 49	14 18	1 27	4 43	0 50	6 21	0 17	6 35	1 30	9 37	2 16	10 6	0 28	1 34	1 48	27 32	10 39	22 6	21 55	18 42	11 13	1 21
T 9	15 20	19 59	0 43	13 36	1 23	4 12	0 47	6 37	0 18	6 34	1 31	9 39	2 16	10 7	0 28	1 34	1 48	27 31	10 39	22 6	21 54	18 40	11 15	1 21
W10	15 2	23 5	0s24	12 54	1 18	3 41	0 45	6 53	0 19	6 34	1 31	9 40	2 16	10 8	0 28	1 33	1 48	27 31	10 39	22 6	21 54	18 38	11 16	1 20
T 11	14 44	25 2	1 28	12 11	1 13	3 10	0 42	7 9	0 20	6 34	1 31	9 42	2 15	10 9	0 28	1 33	1 48	27 30	10 40	22 6	21 53	18 36	11 17	1 20
F 12	14 25	25 45	2 27	11 29	1 7	2 39	0 39	7 25	0 20	6 33	1 31	9 43	2 15	10 9	0 28	1 32	1 48	27 30	10 40	22 5	21 53	18 34	11 19	1 19
S 13	14 6	25 15	3 19	10 45	1 2	2 7	0 37	7 41	0 21	6 32	1 32	9 45	2 15	10 10	0 27	1 32	1 48	27 29	10 40	22 4	21 52	18 32	11 20	1 19
S 14	13 47	23 35	4 1	10 2	0 56	1 36	0 34	7 57	0 22	6 32	1 32	9 46	2 15	10 11	0 27	1 31	1 48	27 29	10 40	22 3	21 52	18 30	11 22	1 18
M15	13 27	20 54	4 33	9 18	0 49	1 5	0 31	8 13	0 23	6 31	1 32	9 48	2 14	10 12	0 27	1 31	1 48	27 28	10 40	22 1	21 51	18 28	11 23	1 18
T 16	13 8	17 21	4 53	8 35	0 43	0 33	0 28	8 29	0 24	6 30	1 32	9 50	2 14	10 12	0 27	1 30	1 48	27 28	10 40	21 59	21 51	18 26	11 25	1 17
W17	12 48	13 7	5 0	7 51	0 36	0 1	0 25	8 45	0 24	6 29	1 33	9 51	2 14	10 13	0 27	1 30	1 48	27 27	10 40	21 57	21 50	18 24	11 26	1 17
T 18	12 28	8 22	4 54	7 7	0 29	0s30	0 22	9 0	0 25	6 28	1 33	9 53	2 14	10 14	0 27	1 29	1 49	27 27	10 40	21 55	21 49	18 22	11 28	1 17
F 19	12 8	3 17	4 35	6 23	0 22	1 2	0 19	9 16	0 26	6 27	1 33	9 55	2 14	10 15	0 27	1 29	1 49	27 27	10 41	21 53	21 49	18 20	11 29	1 16
S 20	11 47	1n58	4 4	5 40	0 15	1 33	0 16	9 32	0 27	6 26	1 33	9 57	2 13	10 16	0 27	1 28	1 49	27 26	10 41	21 52	21 48	18 18	11 31	1 16
S 21	11 27	7 14	3 21	4 56	0 8	2 5	0 13	9 48	0 27	6 24	1 33	9 58	2 13	10 17	0 27	1 28	1 49	27 26	10 41	21 51	21 48	18 16	11 33	1 15
M22	11 6	12 17	2 27	4 13	0 1	2 36	0 9	10 4	0 28	6 23	1 34	10 0	2 13	10 18	0 27	1 27	1 49	27 25	10 41	21 50	21 47	18 13	11 34	1 15
T 23	10 45	16 57	1 26	3 30	0s 7	3 8	0 6	10 19	0 29	6 22	1 34	10 2	2 13	10 19	0 27	1 27	1 49	27 25	10 41	21 50	21 47	18 11	11 36	1 14
W24	10 24	20 56	0 18	2 47	0 14	3 39	0 3	10 35	0 30	6 20	1 34	10 4	2 12	10 20	0 27	1 26	1 49	27 25	10 41	21 50	21 46	18 9	11 38	1 14
T 25	10 2	23 57	0n52	2 4	0 22	4 11	0s 0	10 51	0 30	6 19	1 34	10 6	2 12	10 20	0 27	1 26	1 49	27 24	10 42	21 50	21 46	18 7	11 39	1 13
F 26	9 41	25 38	2 2	1 22	0 30	4 42	0 4	11 6	0 31	6 17	1 35	10 7	2 12	10 21	0 27	1 25	1 49	27 24	10 42	21 49	21 45	18 5	11 41	1 13
S 27	9 19	25 41	3 6	0 39	0 38	5 13	0 7	11 22	0 32	6 16	1 35	10 9	2 12	10 22	0 27	1 24	1 49	27 23	10 42	21 49	21 45	18 3	11 43	1 12
S 28	8 57	23 58	4 0	0s 2	0 45	5 45	0 10	11 37	0 32	6 14	1 35	10 11	2 12	10 23	0 27	1 24	1 49	27 23	10 42	21 48	21 44	18 1	11 45	1 12
M29	8 35	20 33	4 39	0 43	0 53	6 16	0 14	11 53	0 33	6 12	1 35	10 13	2 11	10 24	0 27	1 23	1 49	27 23	10 42	21 47	21 44	17 59	11 47	1 11
T 30	8 13	15 42	4 58	1 24	1 1	6 47	0 17	12 8	0 34	6 10	1 35	10 15	2 11	10 25	0 27	1 23	1 49	27 22	10 43	21 45	21 43	17 57	11 48	1 11
W31	7n51	9n51	4n56	2s 5	1s 9	7s17	0s21	12s23	0s34	6n 8	1s35	10s17	2n11	10s26	0n27	1n22	1s49	27n22	10n43	21n43	21n43	17s54	11s50	1s11

Julian Day Number = 1983519.5, Delta T = 58m01s
Ecliptic obliquity = 23°36'21, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'28, Lahiri = 6°00'28 Julian Calendar 1 Aug. 718 == Greg. Calendar 5 Aug. 718

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 718
geocentric

SEPTEMBER 718 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 52 1	11♍ 3'10	1♎45	3♎55	18♎50	1♏33	19°R14	2♏19	28♎ 7	7°R34	12♌41	7°R20	7♊27	25♒24	27♎51	T 1
F 2	22 55 57	12° 2'01	16°32	5°15	20° 1	2°15	19♈ 9	2°25	28°10	7♈33	12°43	7♊11	7°24	25°31	27°57	F 2
S 3	22 59 54	13° 0'55	0♏52	6°34	21°12	2°57	19° 4	2°30	28°13	7°31	12°45	7° 5	7°20	25°38	28° 4	S 3
S 4	23 3 50	13°59'49	14°42	7°52	22°24	3°38	18°58	2°36	28°15	7°30	12°47	7° 2	7°17	25°44	28°10	S 4
M 5	23 7 47	14°58'46	28° 3	9° 8	23°35	4°20	18°53	2°41	28°18	7°28	12°48	7° 0	7°14	25°51	28°17	M 5
T 6	23 11 44	15°57'45	10♐57	10°23	24°46	5° 2	18°47	2°47	28°21	7°27	12°50	7° 0	7°11	25°58	28°24	T 6
W 7	23 15 40	16°56'45	23°29	11°36	25°57	5°45	18°42	2°52	28°24	7°25	12°52	7° 0	7° 8	26° 5	28°30	W 7
T 8	23 19 37	17°55'48	5♑45	12°47	27° 8	6°27	18°36	2°58	28°27	7°24	12°53	6°59	7° 4	26°11	28°37	T 8
F 9	23 23 33	18°54'52	17°48	13°57	28°20	7° 9	18°30	3° 3	28°31	7°22	12°55	6°56	7° 1	26°18	28°44	F 9
S 10	23 27 30	19°53'58	29°43	15° 5	29°30	7°51	18°24	3° 9	28°34	7°21	12°57	6°50	6°58	26°25	28°51	S 10
S 11	23 31 26	20°53'06	11♒35	16°11	0♏41	8°34	18°17	3°15	28°37	7°19	12°58	6°41	6°55	26°32	28°58	S 11
M12	23 35 23	21°52'16	23°27	17°14	1°52	9°16	18°11	3°21	28°40	7°17	13° 0	6°30	6°52	26°38	29° 5	M12
T 13	23 39 19	22°51'27	5♓20	18°16	3° 3	9°59	18° 4	3°27	28°43	7°16	13° 2	6°17	6°49	26°45	29°12	T 13
W14	23 43 16	23°50'41	17°17	19°14	4°14	10°42	17°57	3°33	28°46	7°14	13° 3	6° 3	6°45	26°52	29°19	W14
T 15	23 47 12	24°49'57	29°20	20°10	5°24	11°25	17°51	3°39	28°50	7°13	13° 5	5°50	6°42	26°58	29°26	T 15
F 16	23 51 9	25°49'15	11♈29	21° 3	6°35	12° 7	17°44	3°45	28°53	7°11	13° 6	5°39	6°39	27° 5	29°33	F 16
S 17	23 55 6	26°48'35	23°45	21°52	7°46	12°50	17°37	3°51	28°56	7° 9	13° 8	5°30	6°36	27°12	29°40	S 17
S 18	23 59 2	27°47'57	6♉10	22°38	8°56	13°33	17°29	3°57	28°59	7° 8	13° 9	5°23	6°33	27°19	29°47	S 18
M19	0 2 59	28°47'22	18°45	23°19	10° 6	14°16	17°22	4° 3	29° 3	7° 6	13°11	5°20	6°30	27°25	29°55	M19
T 20	0 6 55	29°46'49	1♊33	23°57	11°17	15° 0	17°15	4° 9	29° 6	7° 4	13°12	5°D18	6°26	27°32	0♏ 2	T 20
W21	0 10 52	0♎46'18	14°36	24°29	12°27	15°43	17° 7	4°16	29° 9	7° 3	13°14	5°18	6°23	27°39	0° 9	W21
T 22	0 14 48	1°45'50	27°58	24°56	13°37	16°26	17° 0	4°22	29°13	7° 1	13°15	5°R19	6°20	27°45	0°17	T 22
F 23	0 18 45	2°45'24	11♋40	25°18	14°47	17°10	16°52	4°28	29°16	6°59	13°17	5°19	6°17	27°52	0°24	F 23
S 24	0 22 41	3°45'01	25°45	25°33	15°57	17°53	16°44	4°35	29°20	6°58	13°18	5°17	6°14	27°59	0°32	S 24
S 25	0 26 38	4°44'40	10♌12	25°42	17° 7	18°37	16°36	4°41	29°23	6°56	13°19	5°12	6°10	28° 6	0°39	S 25
M26	0 30 35	5°44'21	24°57	25°R43	18°17	19°20	16°29	4°48	29°27	6°54	13°21	5° 6	6° 7	28°12	0°47	M26
T 27	0 34 31	6°44'05	9♍56	25°36	19°27	20° 4	16°21	4°54	29°30	6°53	13°22	4°57	6° 4	28°19	0°54	T 27
W28	0 38 28	7°43'50	24°58	25°21	20°37	20°48	16°13	5° 1	29°34	6°51	13°23	4°48	6° 1	28°26	1° 2	W28
T 29	0 42 24	8°43'38	9♎55	24°57	21°46	21°32	16° 5	5° 7	29°37	6°49	13°25	4°39	5°58	28°32	1° 9	T 29
F 30	0 46 21	9♎43'28	24♎37	24♎24	22♏56	22♏15	15♈57	5♏14	29♎41	6♈48	13♌26	4♊32	5♊55	28♒39	1♏17	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n28	3n29	4n34	2s44	1s17	7s48	0s24	12s39	0s35	6n 6	1s36	10s19	2n11	10s27	0n27	1n21	1s49	27n22	10n43	21n41	21n42	17s52	11s52	1s10
F 2	7 6	2s58	3 53	3 24	1 25	8 18	0 28	12 54	0 36	6 4	1 36	10 21	2 11	10 28	0 27	1 21	1 49	27 21	10 43	21 40	21 42	17 50	11 54	1 10
S 3	6 43	9 4	2 58	4 2	1 32	8 49	0 31	13 9	0 36	6 2	1 36	10 23	2 11	10 30	0 27	1 20	1 49	27 21	10 43	21 39	21 41	17 48	11 56	1 9
S 4	6 20	14 32	1 55	4 40	1 40	9 19	0 35	13 24	0 37	6 0	1 36	10 25	2 10	10 31	0 27	1 20	1 49	27 21	10 44	21 38	21 41	17 46	11 58	1 9
M 5	5 57	19 6	0 47	5 17	1 48	9 49	0 39	13 39	0 38	5 58	1 36	10 27	2 10	10 32	0 27	1 19	1 49	27 21	10 44	21 38	21 40	17 44	12 0	1 8
T 6	5 34	22 35	0s21	5 54	1 55	10 19	0 42	13 54	0 38	5 56	1 36	10 29	2 10	10 33	0 27	1 18	1 49	27 20	10 44	21 38	21 40	17 41	12 2	1 8
W 7	5 11	24 53	1 26	6 30	2 2	10 48	0 46	14 8	0 39	5 53	1 37	10 31	2 10	10 34	0 27	1 18	1 49	27 20	10 44	21 38	21 39	17 39	12 4	1 8
T 8	4 48	25 54	2 26	7 4	2 10	11 18	0 49	14 23	0 40	5 51	1 37	10 33	2 10	10 35	0 27	1 17	1 49	27 20	10 45	21 38	21 39	17 37	12 6	1 7
F 9	4 25	25 41	3 18	7 38	2 17	11 47	0 53	14 38	0 40	5 48	1 37	10 35	2 9	10 36	0 27	1 16	1 49	27 19	10 45	21 37	21 38	17 35	12 8	1 7
S 10	4 2	24 16	4 1	8 11	2 24	12 15	0 57	14 52	0 41	5 46	1 37	10 38	2 9	10 37	0 27	1 16	1 49	27 19	10 45	21 36	21 37	17 33	12 10	1 6
S 11	3 38	21 47	4 33	8 43	2 30	12 44	1 0	15 7	0 42	5 43	1 37	10 40	2 9	10 38	0 27	1 15	1 49	27 19	10 45	21 35	21 37	17 31	12 12	1 6
M12	3 15	18 24	4 53	9 13	2 37	13 12	1 4	15 21	0 42	5 41	1 37	10 42	2 9	10 40	0 27	1 14	1 49	27 19	10 46	21 33	21 36	17 28	12 14	1 6
T 13	2 51	14 16	5 0	9 43	2 43	13 40	1 8	15 35	0 43	5 38	1 37	10 44	2 9	10 41	0 27	1 14	1 49	27 18	10 46	21 30	21 36	17 26	12 17	1 5
W14	2 28	9 34	4 55	10 11	2 49	14 8	1 11	15 49	0 43	5 35	1 38	10 46	2 9	10 42	0 27	1 13	1 49	27 18	10 46	21 28	21 35	17 24	12 19	1 5
T 15	2 4	4 29	4 36	10 37	2 54	14 35	1 15	16 3	0 44	5 33	1 38	10 48	2 8	10 43	0 27	1 12	1 49	27 18	10 47	21 26	21 35	17 22	12 21	1 4
F 16	1 40	0n49	4 5	11 2	2 59	15 2	1 18	16 17	0 45	5 30	1 38	10 51	2 8	10 44	0 27	1 12	1 49	27 18	10 47	21 24	21 34	17 19	12 23	1 4
S 17	1 17	6 10	3 22	11 25	3 4	15 29	1 22	16 31	0 45	5 27	1 38	10 53	2 8	10 45	0 27	1 11	1 49	27 18	10 47	21 22	21 34	17 17	12 25	1 3
S 18	0 53	11 20	2 28	11 46	3 8	15 55	1 25	16 45	0 46	5 24	1 38	10 55	2 8	10 47	0 27	1 10	1 49	27 17	10 47	21 21	21 33	17 15	12 27	1 3
M19	0 29	16 8	1 27	12 5	3 12	16 21	1 29	16 58	0 46	5 22	1 38	10 57	2 8	10 48	0 27	1 10	1 49	27 17	10 48	21 20	21 33	17 13	12 30	1 3
T 20	0 5	20 17	0 20	12 22	3 15	16 47	1 33	17 12	0 47	5 19	1 38	10 59	2 8	10 49	0 27	1 9	1 49	27 17	10 48	21 20	21 32	17 11	12 32	1 2
W21	0s19	23 32	0n49	12 36	3 17	17 12	1 36	17 25	0 47	5 16	1 38	11 2	2 8	10 50	0 27	1 8	1 49	27 17	10 48	21 20	21 32	17 8	12 34	1 2
T 22	0 42	25 33	1 58	12 48	3 19	17 37	1 40	17 38	0 48	5 13	1 38	11 4	2 7	10 51	0 27	1 8	1 49	27 17	10 49	21 20	21 31	17 6	12 36	1 1
F 23	1 6	26 6	3 1	12 56	3 19	18 2	1 43	17 51	0 48	5 10	1 38	11 6	2 7	10 53	0 27	1 7	1 50	27 17	10 49	21 20	21 30	17 4	12 39	1 1
S 24	1 30	25 0	3 55	13 2	3 19	18 26	1 46	18 4	0 49	5 7	1 38	11 8	2 7	10 54	0 26	1 6	1 50	27 17	10 49	21 20	21 30	17 2	12 41	1 1
S 25	1 54	22 14	4 36	13 3	3 17	18 49	1 50	18 17	0 50	5 4	1 38	11 11	2 7	10 55	0 26	1 6	1 50	27 16	10 50	21 19	21 29	16 59	12 43	1 0
M26	2 18	17 59	5 0	13 1	3 15	19 12	1 53	18 29	0 50	5 1	1 38	11 13	2 7	10 56	0 26	1 5	1 50	27 16	10 50	21 18	21 29	16 57	12 46	1 0
T 27	2 41	12 34	5 3	12 55	3 11	19 35	1 57	18 42	0 51	4 58	1 38	11 15	2 7	10 58	0 26	1 4	1 50	27 16	10 50	21 16	21 28	16 55	12 48	1 0
W28	3 5	6 23	4 46	12 44	3 5	19 57	2 0	18 54	0 51	4 55	1 38	11 18	2 7	10 59	0 26	1 4	1 50	27 16	10 50	21 15	21 28	16 53	12 50	0 59
T 29	3 29	0s 8	4 9	12 29	2 58	20 19	2 3	19 6	0 52	4 51	1 38	11 20	2 7	11 0	0 26	1 3	1 50	27 16	10 51	21 13	21 27	16 50	12 52	0 59
F 30	3s53	6s33	3n16	12s 9	2s49	20s40	2s 6	19s18	0s52	4n48	1s38	11s22	2n 6	11s 2	0n26	1n 2	1s50	27n16	10n51	21n12	21n27	16s48	12s55	0s58

Julian Day Number = 1983550.5, Delta T = 58m00s
Ecliptic obliquity = 23°36'21, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'32, Lahiri = 6°00'32 Julian Calendar 1 Sept. 718 == Greg. Calendar 5 Sept. 718

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ASTRODIENST EPHEMERIS for the year 718
geocentric

OCTOBER 718 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 50 17	10♎43'19	8♏57	23°R43	24♏ 5	22♏59	15°R49	5♏21	29♎44	6°R46	13♌27	4°R27	5♊51	28♒46	1♏25	S 1
S 2	0 54 14	11°43'13	22°50	22♎52	25°15	23°44	15♈40	5°27	29°48	6♈44	13°28	4♊24	5°48	28°53	1°32	S 2
M 3	0 58 10	12°43'09	6♐16	21°54	26°24	24°28	15°32	5°34	29°52	6°43	13°29	4°D24	5°45	28°59	1°40	M 3
T 4	1 2 7	13°43'06	19°16	20°49	27°33	25°12	15°24	5°41	29°55	6°41	13°31	4°24	5°42	29° 6	1°48	T 4
W 5	1 6 4	14°43'05	1♑52	19°38	28°42	25°56	15°16	5°48	29°59	6°39	13°32	4°26	5°39	29°13	1°56	W 5
T 6	1 10 0	15°43'06	14°11	18°22	29°51	26°41	15° 8	5°54	0♏ 3	6°38	13°33	4°R26	5°35	29°20	2° 3	T 6
F 7	1 13 57	16°43'08	26°15	17° 5	1♐ 0	27°25	15° 0	6° 1	0° 6	6°36	13°34	4°26	5°32	29°26	2°11	F 7
S 8	1 17 53	17°43'12	8♒11	15°49	2° 9	28° 9	14°52	6° 8	0°10	6°34	13°35	4°23	5°29	29°33	2°19	S 8
S 9	1 21 50	18°43'18	20° 3	14°35	3°17	28°54	14°43	6°15	0°14	6°33	13°36	4°19	5°26	29°40	2°27	S 9
M10	1 25 46	19°43'25	1♓55	13°26	4°26	29°39	14°35	6°22	0°17	6°31	13°37	4°13	5°23	29°46	2°35	M10
T 11	1 29 43	20°43'34	13°51	12°24	5°34	0♐23	14°27	6°29	0°21	6°29	13°38	4° 5	5°20	29°53	2°43	T 11
W12	1 33 39	21°43'45	25°53	11°32	6°42	1° 8	14°19	6°36	0°25	6°28	13°39	3°57	5°16	29°59	2°51	W12
T 13	1 37 36	22°43'57	8♈ 4	10°50	7°50	1°53	14°11	6°43	0°28	6°26	13°40	3°49	5°13	0♓ 7	2°59	T 13
F 14	1 41 32	23°44'11	20°25	10°19	8°58	2°38	14° 3	6°50	0°32	6°25	13°41	3°42	5°10	0°13	3° 6	F 14
S 15	1 45 29	24°44'27	2♉56	9°59	10° 6	3°23	13°55	6°56	0°36	6°23	13°42	3°36	5° 7	0°20	3°14	S 15
S 16	1 49 26	25°44'45	15°38	9°D52	11°14	4° 8	13°48	7° 3	0°40	6°21	13°42	3°33	5° 4	0°27	3°22	S 16
M17	1 53 22	26°45'05	28°32	9°55	12°21	4°53	13°40	7°10	0°43	6°20	13°43	3°D31	5° 1	0°34	3°30	M17
T 18	1 57 19	27°45'27	11♊37	10°10	13°29	5°38	13°32	7°18	0°47	6°18	13°44	3°31	4°57	0°40	3°38	T 18
W19	2 1 15	28°45'50	24°55	10°34	14°36	6°23	13°25	7°25	0°51	6°17	13°45	3°33	4°54	0°47	3°46	W19
T 20	2 5 12	29°46'16	8♋26	11° 8	15°43	7° 8	13°17	7°32	0°54	6°15	13°45	3°34	4°51	0°54	3°54	T 20
F 21	2 9 8	0♏46'44	22°11	11°50	16°50	7°53	13°10	7°39	0°58	6°14	13°46	3°35	4°48	1° 0	4° 2	F 21
S 22	2 13 5	1°47'13	6♌10	12°39	17°56	8°39	13° 2	7°46	1° 2	6°12	13°47	3°R36	4°45	1° 7	4°10	S 22
S 23	2 17 2	2°47'45	20°23	13°35	19° 3	9°24	12°55	7°53	1° 6	6°11	13°47	3°34	4°41	1°14	4°18	S 23
M24	2 20 58	3°48'18	4♍47	14°36	20° 9	10°10	12°48	8° 0	1° 9	6° 9	13°48	3°32	4°38	1°21	4°26	M24
T 25	2 24 55	4°48'54	19°20	15°43	21°15	10°55	12°41	8° 7	1°13	6° 8	13°49	3°28	4°35	1°27	4°34	T 25
W26	2 28 51	5°49'31	3♎55	16°54	22°21	11°41	12°34	8°14	1°17	6° 7	13°49	3°24	4°32	1°34	4°42	W26
T 27	2 32 48	6°50'09	18°26	18° 8	23°27	12°26	12°27	8°21	1°21	6° 5	13°50	3°20	4°29	1°41	4°50	T 27
F 28	2 36 44	7°50'50	2♏48	19°26	24°32	13°12	12°21	8°28	1°24	6° 4	13°50	3°17	4°26	1°47	4°58	F 28
S 29	2 40 41	8°51'32	16°54	20°46	25°37	13°58	12°14	8°35	1°28	6° 2	13°51	3°15	4°22	1°54	5° 6	S 29
S 30	2 44 37	9°52'15	0♐40	22° 9	26°42	14°43	12° 8	8°42	1°32	6° 1	13°51	3°D14	4°19	2° 1	5°14	S 30
M31	2 48 34	10♏53'00	14♐ 3	23♎33	27♐47	15♐29	12♈ 2	8♏50	1♏36	6♈ 0	13♌51	3♊14	4♊16	2♓ 8	5♏22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s16	12s29	2n12	11s43	2s39	21s 1	2s 9	19s30	0s53	4n45	1s38	11s25	2n 6	11s 3	0n26	1n 2	1s50	27n16	10n51	21n11	21n26	16s46	12s57	0s58
S 2	4 40	17 37	1 2	11 13	2 26	21 21	2 12	19 41	0 53	4 42	1 38	11 27	2 6	11 4	0 26	1 1	1 50	27 16	10 52	21 10	21 25	16 43	13 0	0 58
M 3	5 3	21 40	0s10	10 38	2 12	21 41	2 15	19 53	0 54	4 39	1 38	11 29	2 6	11 5	0 26	1 0	1 50	27 16	10 52	21 10	21 25	16 41	13 2	0 57
T 4	5 27	24 29	1 19	9 58	1 56	22 0	2 18	20 4	0 54	4 36	1 38	11 32	2 6	11 7	0 26	1 0	1 50	27 16	10 53	21 10	21 24	16 39	13 4	0 57
W 5	5 50	25 58	2 22	9 15	1 38	22 18	2 21	20 15	0 55	4 33	1 38	11 34	2 6	11 8	0 26	0 59	1 50	27 16	10 53	21 11	21 24	16 36	13 7	0 57
T 6	6 14	26 7	3 17	8 29	1 20	22 36	2 24	20 26	0 55	4 30	1 38	11 36	2 6	11 9	0 26	0 58	1 50	27 16	10 53	21 11	21 23	16 34	13 9	0 56
F 7	6 37	25 1	4 3	7 40	1 0	22 54	2 27	20 37	0 55	4 27	1 38	11 39	2 6	11 11	0 26	0 58	1 50	27 16	10 54	21 11	21 23	16 32	13 11	0 56
S 8	7 0	22 48	4 37	6 52	0 39	23 11	2 30	20 48	0 56	4 23	1 38	11 41	2 6	11 12	0 26	0 57	1 49	27 16	10 54	21 10	21 22	16 29	13 14	0 55
S 9	7 23	19 37	4 59	6 4	0 18	23 27	2 32	20 58	0 56	4 20	1 38	11 43	2 6	11 13	0 26	0 57	1 49	27 16	10 54	21 9	21 21	16 27	13 16	0 55
M10	7 46	15 39	5 8	5 18	0n 2	23 43	2 35	21 8	0 57	4 17	1 38	11 46	2 5	11 15	0 26	0 56	1 49	27 16	10 55	21 8	21 21	16 25	13 19	0 55
T 11	8 9	11 3	5 4	4 36	0 22	23 58	2 37	21 18	0 57	4 14	1 38	11 48	2 5	11 16	0 26	0 55	1 49	27 16	10 55	21 7	21 20	16 22	13 21	0 54
W12	8 32	6 1	4 46	3 58	0 41	24 12	2 40	21 28	0 58	4 11	1 38	11 50	2 5	11 17	0 26	0 55	1 49	27 16	10 55	21 5	21 20	16 20	13 23	0 54
T 13	8 54	0 41	4 15	3 26	0 58	24 26	2 42	21 38	0 58	4 8	1 37	11 53	2 5	11 18	0 26	0 54	1 49	27 16	10 56	21 4	21 19	16 18	13 26	0 54
F 14	9 17	4n45	3 32	2 59	1 14	24 39	2 45	21 47	0 58	4 5	1 37	11 55	2 5	11 20	0 26	0 53	1 49	27 16	10 56	21 2	21 19	16 15	13 28	0 53
S 15	9 39	10 6	2 38	2 39	1 28	24 52	2 47	21 56	0 59	4 2	1 37	11 57	2 5	11 21	0 26	0 53	1 49	27 16	10 57	21 1	21 18	16 13	13 31	0 53
S 16	10 1	15 7	1 36	2 24	1 40	25 4	2 49	22 5	0 59	3 59	1 37	12 0	2 5	11 22	0 26	0 52	1 49	27 16	10 57	21 1	21 17	16 11	13 33	0 53
M17	10 23	19 32	0 27	2 16	1 50	25 15	2 51	22 14	1 0	3 57	1 37	12 2	2 5	11 24	0 26	0 52	1 49	27 17	10 57	21 0	21 17	16 8	13 35	0 52
T 18	10 45	23 4	0n44	2 14	1 59	25 26	2 53	22 23	1 0	3 54	1 37	12 4	2 5	11 25	0 26	0 51	1 49	27 17	10 58	21 0	21 16	16 6	13 38	0 52
W19	11 7	25 24	1 54	2 17	2 5	25 36	2 54	22 31	1 0	3 51	1 37	12 7	2 5	11 26	0 26	0 50	1 49	27 17	10 58	21 1	21 16	16 4	13 40	0 52
T 20	11 28	26 19	2 59	2 26	2 11	25 45	2 56	22 39	1 1	3 48	1 36	12 9	2 5	11 28	0 26	0 50	1 49	27 17	10 58	21 1	21 15	16 1	13 43	0 51
F 21	11 49	25 37	3 55	2 39	2 15	25 54	2 58	22 47	1 1	3 45	1 36	12 11	2 5	11 29	0 26	0 49	1 49	27 17	10 59	21 1	21 15	15 59	13 45	0 51
S 22	12 11	23 20	4 38	2 56	2 17	26 2	2 59	22 54	1 1	3 43	1 36	12 14	2 5	11 30	0 26	0 49	1 49	27 17	10 59	21 1	21 14	15 56	13 47	0 51
S 23	12 32	19 36	5 4	3 16	2 18	26 9	3 1	23 2	1 2	3 40	1 36	12 16	2 5	11 32	0 26	0 48	1 49	27 17	11 0	21 1	21 13	15 54	13 50	0 50
M24	12 52	14 40	5 12	3 40	2 18	26 15	3 2	23 9	1 2	3 37	1 36	12 18	2 5	11 33	0 26	0 48	1 49	27 18	11 0	21 0	21 13	15 52	13 52	0 50
T 25	13 13	8 51	5 1	4 7	2 18	26 21	3 3	23 16	1 2	3 35	1 35	12 21	2 5	11 34	0 26	0 47	1 49	27 18	11 0	21 0	21 12	15 49	13 55	0 50
W26	13 33	2 33	4 30	4 35	2 16	26 27	3 4	23 23	1 3	3 32	1 35	12 23	2 5	11 36	0 26	0 46	1 49	27 18	11 1	20 59	21 12	15 47	13 57	0 49
T 27	13 53	3s52	3 41	5 6	2 14	26 31	3 5	23 29	1 3	3 30	1 35	12 25	2 4	11 37	0 26	0 46	1 49	27 18	11 1	20 58	21 11	15 44	13 59	0 49
F 28	14 13	10 2	2 39	5 39	2 10	26 35	3 6	23 35	1 3	3 27	1 35	12 28	2 4	11 38	0 26	0 45	1 49	27 18	11 2	20 57	21 10	15 42	14 2	0 48
S 29	14 33	15 35	1 29	6 12	2 7	26 38	3 6	23 41	1 4	3 25	1 35	12 30	2 4	11 39	0 26	0 45	1 49	27 19	11 2	20 57	21 10	15 40	14 4	0 48
S 30	14 52	20 12	0 14	6 47	2 2	26 41	3 7	23 47	1 4	3 23	1 34	12 32	2 4	11 41	0 26	0 44	1 49	27 19	11 2	20 57	21 9	15 37	14 6	0 48
M31	15s12	23s38	0s59	7s23	1n58	26s42	3s 7	23s52	1s 4	3n21	1s34	12s35	2n 4	11s42	0n26	0n44	1s49	27n19	11n 3	20n57	21n 9	15s35	14s 9	0s47

Julian Day Number = 1983580.5, Delta T = 57m59s
Ecliptic obliquity = 23°36'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'36, Lahiri = 6°00'37 Julian Calendar 1 Oct. 718 == Greg. Calendar 5 Oct. 718

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ASTRODIENST EPHEMERIS for the year 718
geocentric

NOVEMBER 718 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 52 30	11♏53'46	27♐ 4	24♎59	28♐52	16♐15	11°R55	8♏57	1♏39	5°R58	13♌52	3♊15	4♊13	2♓14	5♏30	T 1
W 2	2 56 27	12°54'33	9♑44	26°27	29°56	17° 1	11♈49	9° 4	1°43	5♈57	13°52	3°17	4°10	2°21	5°38	W 2
T 3	3 0 24	13°55'21	22° 5	27°55	1♑ 0	17°47	11°44	9°11	1°47	5°56	13°52	3°18	4° 7	2°28	5°46	T 3
F 4	3 4 20	14°56'11	4♒13	29°25	2° 3	18°33	11°38	9°18	1°50	5°55	13°53	3°19	4° 3	2°35	5°54	F 4
S 5	3 8 17	15°57'01	16°11	0♏55	3° 7	19°19	11°33	9°25	1°54	5°53	13°53	3°R20	4° 0	2°41	6° 2	S 5
S 6	3 12 13	16°57'52	28° 4	2°26	4°10	20° 5	11°27	9°32	1°58	5°52	13°53	3°19	3°57	2°48	6°10	S 6
M 7	3 16 10	17°58'45	9♓57	3°57	5°13	20°52	11°22	9°39	2° 1	5°51	13°53	3°18	3°54	2°55	6°17	M 7
T 8	3 20 6	18°59'38	21°54	5°29	6°15	21°38	11°17	9°46	2° 5	5°50	13°54	3°16	3°51	3° 1	6°25	T 8
W 9	3 24 3	20° 0'32	3♈59	7° 1	7°17	22°24	11°13	9°53	2° 8	5°49	13°54	3°14	3°47	3° 8	6°33	W 9
T 10	3 27 59	21° 1'27	16°16	8°33	8°19	23°10	11° 8	10° 0	2°12	5°48	13°54	3°12	3°44	3°15	6°41	T 10
F 11	3 31 56	22° 2'23	28°47	10° 6	9°20	23°57	11° 4	10° 7	2°16	5°47	13°54	3°11	3°41	3°22	6°49	F 11
S 12	3 35 53	23° 3'20	11♉33	11°38	10°21	24°43	10°59	10°14	2°19	5°46	13°R54	3°10	3°38	3°28	6°57	S 12
S 13	3 39 49	24° 4'18	24°35	13°11	11°22	25°30	10°55	10°21	2°23	5°45	13°54	3° 9	3°35	3°35	7° 4	S 13
M14	3 43 46	25° 5'17	7♊52	14°44	12°22	26°16	10°51	10°28	2°26	5°44	13°54	3°D 9	3°32	3°42	7°12	M14
T 15	3 47 42	26° 6'17	21°23	16°17	13°22	27° 2	10°48	10°35	2°30	5°43	13°54	3° 9	3°28	3°49	7°20	T 15
W16	3 51 39	27° 7'18	5♋ 7	17°50	14°21	27°49	10°44	10°42	2°33	5°42	13°54	3°10	3°25	3°55	7°28	W16
T 17	3 55 35	28° 8'20	19° 0	19°24	15°20	28°36	10°41	10°49	2°37	5°41	13°54	3°10	3°22	4° 2	7°35	T 17
F 18	3 59 32	29° 9'23	3♌ 1	20°57	16°19	29°22	10°38	10°56	2°40	5°40	13°53	3°11	3°19	4° 9	7°43	F 18
S 19	4 3 29	0♐10'28	17° 8	22°30	17°17	0♑ 9	10°35	11° 3	2°44	5°39	13°53	3°11	3°16	4°15	7°50	S 19
S 20	4 7 25	1°11'33	1♍19	24° 4	18°14	0°56	10°33	11° 9	2°47	5°39	13°53	3°R11	3°13	4°22	7°58	S 20
M21	4 11 22	2°12'39	15°31	25°37	19°11	1°42	10°30	11°16	2°50	5°38	13°53	3°11	3° 9	4°29	8° 6	M21
T 22	4 15 18	3°13'47	29°42	27°11	20° 7	2°29	10°28	11°23	2°54	5°37	13°52	3°D11	3° 6	4°36	8°13	T 22
W23	4 19 15	4°14'55	13♎49	28°45	21° 3	3°16	10°26	11°30	2°57	5°36	13°52	3°11	3° 3	4°42	8°21	W23
T 24	4 23 11	5°16'04	27°50	0♐19	21°58	4° 3	10°24	11°36	3° 1	5°36	13°52	3°11	3° 0	4°49	8°28	T 24
F 25	4 27 8	6°17'14	11♏43	1°53	22°53	4°50	10°22	11°43	3° 4	5°35	13°51	3°12	2°57	4°56	8°35	F 25
S 26	4 31 4	7°18'25	25°23	3°27	23°47	5°36	10°21	11°50	3° 7	5°34	13°51	3°12	2°53	5° 2	8°43	S 26
S 27	4 35 1	8°19'36	8♐49	5° 1	24°40	6°23	10°20	11°56	3°10	5°34	13°51	3°R12	2°50	5° 9	8°50	S 27
M28	4 38 58	9°20'48	21°59	6°36	25°33	7°10	10°19	12° 3	3°14	5°33	13°50	3°12	2°47	5°16	8°57	M28
T 29	4 42 54	10°22'01	4♑52	8°10	26°24	7°57	10°18	12°10	3°17	5°33	13°50	3°11	2°44	5°23	9° 5	T 29
W30	4 46 51	11♐23'13	17♑29	9♐45	27♑16	8♑44	10♈17	12♏16	3♏20	5♈32	13♌49	3♊10	2♊41	5♓29	9♏12	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s31	25s42	2s 8	8s 0	1n53	26s43	3s 7	23s58	1s 4	3n18	1s34	12s37	2n 4	11s43	0n26	0n43	1s49	27n19	11n 3	20n57	21n 8	15s32	14s11	0s47
W 2	15 49	26 22	3 8	8 37	1 47	26 44	3 7	24 3	1 5	3 16	1 34	12 39	2 4	11 45	0 26	0 43	1 49	27 20	11 4	20 57	21 8	15 30	14 14	0 47
T 3	16 8	25 41	3 58	9 14	1 41	26 44	3 7	24 7	1 5	3 14	1 33	12 41	2 4	11 46	0 26	0 42	1 49	27 20	11 4	20 58	21 7	15 27	14 16	0 47
F 4	16 26	23 48	4 36	9 51	1 35	26 43	3 7	24 12	1 5	3 12	1 33	12 44	2 4	11 47	0 26	0 42	1 49	27 20	11 4	20 58	21 6	15 25	14 18	0 46
S 5	16 44	20 53	5 2	10 29	1 29	26 41	3 7	24 16	1 6	3 10	1 33	12 46	2 4	11 49	0 26	0 42	1 49	27 21	11 5	20 58	21 6	15 23	14 21	0 46
S 6	17 1	17 8	5 14	11 6	1 23	26 39	3 6	24 20	1 6	3 9	1 33	12 48	2 4	11 50	0 26	0 41	1 49	27 21	11 5	20 58	21 5	15 20	14 23	0 46
M 7	17 18	12 43	5 14	11 44	1 16	26 36	3 6	24 23	1 6	3 7	1 32	12 50	2 4	11 51	0 26	0 41	1 49	27 21	11 6	20 58	21 5	15 18	14 25	0 45
T 8	17 35	7 49	4 59	12 21	1 9	26 32	3 5	24 26	1 6	3 5	1 32	12 53	2 4	11 52	0 26	0 40	1 49	27 22	11 6	20 57	21 4	15 15	14 28	0 45
W 9	17 52	2 33	4 32	12 58	1 3	26 28	3 4	24 30	1 6	3 3	1 32	12 55	2 4	11 54	0 26	0 40	1 49	27 22	11 6	20 57	21 3	15 13	14 30	0 45
T 10	18 8	2n53	3 51	13 34	0 56	26 23	3 3	24 32	1 7	3 2	1 32	12 57	2 4	11 55	0 26	0 39	1 49	27 22	11 7	20 57	21 3	15 10	14 32	0 44
F 11	18 24	8 20	2 59	14 10	0 49	26 17	3 1	24 35	1 7	3 0	1 31	12 59	2 4	11 56	0 26	0 39	1 49	27 23	11 7	20 56	21 2	15 8	14 34	0 44
S 12	18 40	13 33	1 57	14 46	0 42	26 11	3 0	24 37	1 7	2 59	1 31	13 1	2 4	11 57	0 26	0 39	1 49	27 23	11 8	20 56	21 2	15 5	14 37	0 44
S 13	18 55	18 17	0 47	15 21	0 35	26 5	2 58	24 39	1 7	2 58	1 31	13 4	2 4	11 59	0 26	0 38	1 48	27 23	11 8	20 56	21 1	15 3	14 39	0 43
M14	19 10	22 12	0n26	15 55	0 28	25 57	2 57	24 41	1 7	2 56	1 30	13 6	2 4	12 0	0 26	0 38	1 48	27 24	11 8	20 56	21 0	15 0	14 41	0 43
T 15	19 25	24 59	1 39	16 29	0 21	25 49	2 54	24 42	1 8	2 55	1 30	13 8	2 4	12 1	0 26	0 38	1 48	27 24	11 9	20 56	21 0	14 58	14 43	0 43
W16	19 39	26 18	2 48	17 3	0 14	25 41	2 52	24 43	1 8	2 54	1 30	13 10	2 4	12 2	0 26	0 37	1 48	27 25	11 9	20 56	20 59	14 55	14 46	0 42
T 17	19 53	26 0	3 48	17 35	0 7	25 32	2 50	24 44	1 8	2 53	1 30	13 12	2 4	12 3	0 26	0 37	1 48	27 25	11 10	20 56	20 58	14 53	14 48	0 42
F 18	20 7	24 4	4 34	18 7	0 0	25 22	2 47	24 44	1 8	2 52	1 29	13 14	2 4	12 5	0 26	0 37	1 48	27 25	11 10	20 56	20 58	14 50	14 50	0 42
S 19	20 20	20 38	5 5	18 38	0s 6	25 12	2 44	24 45	1 8	2 51	1 29	13 16	2 4	12 6	0 26	0 36	1 48	27 26	11 10	20 56	20 57	14 48	14 52	0 41
S 20	20 32	16 0	5 17	19 8	0 13	25 1	2 42	24 45	1 8	2 51	1 29	13 19	2 4	12 7	0 26	0 36	1 48	27 26	11 11	20 56	20 57	14 45	14 55	0 41
M21	20 45	10 30	5 10	19 37	0 20	24 50	2 38	24 44	1 8	2 50	1 28	13 21	2 5	12 8	0 26	0 36	1 48	27 27	11 11	20 56	20 56	14 43	14 57	0 41
T 22	20 57	4 27	4 44	20 6	0 26	24 38	2 35	24 44	1 9	2 49	1 28	13 23	2 5	12 9	0 26	0 36	1 48	27 27	11 12	20 56	20 55	14 40	14 59	0 40
W23	21 8	1s47	4 1	20 33	0 33	24 26	2 31	24 43	1 9	2 49	1 28	13 25	2 5	12 10	0 26	0 35	1 48	27 28	11 12	20 56	20 55	14 38	15 1	0 40
T 24	21 20	7 55	3 4	21 0	0 39	24 14	2 27	24 41	1 9	2 48	1 27	13 27	2 5	12 11	0 26	0 35	1 48	27 28	11 12	20 56	20 54	14 35	15 3	0 40
F 25	21 30	13 36	1 56	21 25	0 45	24 0	2 23	24 40	1 9	2 48	1 27	13 29	2 5	12 13	0 26	0 35	1 48	27 29	11 13	20 56	20 54	14 33	15 5	0 39
S 26	21 41	18 33	0 43	21 50	0 51	23 47	2 19	24 38	1 9	2 48	1 27	13 31	2 5	12 14	0 26	0 35	1 48	27 29	11 13	20 57	20 53	14 30	15 7	0 39
S 27	21 51	22 26	0s31	22 13	0 57	23 33	2 15	24 36	1 9	2 48	1 26	13 33	2 5	12 15	0 26	0 35	1 48	27 30	11 13	20 57	20 52	14 28	15 9	0 39
M28	22 0	25 4	1 42	22 36	1 3	23 18	2 10	24 34	1 9	2 48	1 26	13 35	2 5	12 16	0 26	0 34	1 48	27 30	11 14	20 56	20 52	14 25	15 11	0 39
T 29	22 9	26 17	2 47	22 57	1 8	23 4	2 5	24 31	1 9	2 47	1 26	13 37	2 5	12 17	0 26	0 34	1 48	27 31	11 14	20 56	20 51	14 22	15 13	0 38
W30	22s18	26s 7	3s41	23s17	1s14	22s49	2s 0	24s28	1s 9	2n48	1s25	13s39	2n 5	12s18	0n26	0n34	1s48	27n31	11n15	20n56	20n50	14s20	15s15	0s38

Julian Day Number = 1983611.5, Delta T = 57m58s
Ecliptic obliquity = 23°36'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'40, Lahiri = 6°00'41 Julian Calendar 1 Nov. 718 == Greg. Calendar 5 Nov. 718

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ASTRODIENST EPHEMERIS for the year 718
geocentric

DECEMBER 718 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 50 47	12♐24'26	29♉50	11♐20	28♉ 6	9♉31	10°R17	12♏23	3♏23	5°R32	13°R49	3°R 9	2♊38	5♓36	9♏19	T 1
F 2	4 54 44	13°25'39	11♒59	12°55	28°55	10°18	10°D17	12°29	3°26	5♈31	13♌48	3♊ 7	2°34	5°43	9°26	F 2
S 3	4 58 40	14°26'52	23°58	14°31	29°44	11° 5	10♈17	12°35	3°29	5°31	13°47	3° 6	2°31	5°50	9°33	S 3
S 4	5 2 37	15°28'04	5♓51	16° 7	0♒32	11°53	10°17	12°42	3°32	5°31	13°47	3° 5	2°28	5°56	9°40	S 4
M 5	5 6 33	16°29'17	17°43	17°43	1°19	12°40	10°17	12°48	3°35	5°30	13°46	3°D 5	2°25	6° 3	9°47	M 5
T 6	5 10 30	17°30'30	29°39	19°19	2° 5	13°27	10°18	12°54	3°38	5°30	13°46	3° 5	2°22	6°10	9°54	T 6
W 7	5 14 27	18°31'42	11♈44	20°55	2°50	14°14	10°19	13° 1	3°41	5°30	13°45	3° 6	2°19	6°16	10° 1	W 7
T 8	5 18 23	19°32'54	24° 1	22°32	3°33	15° 1	10°20	13° 7	3°44	5°30	13°44	3° 8	2°15	6°23	10° 8	T 8
F 9	5 22 20	20°34'07	6♉36	24° 9	4°16	15°48	10°21	13°13	3°47	5°29	13°43	3° 9	2°12	6°30	10°15	F 9
S 10	5 26 16	21°35'19	19°30	25°47	4°58	16°36	10°23	13°19	3°50	5°29	13°43	3°10	2° 9	6°37	10°21	S 10
S 11	5 30 13	22°36'31	2♊46	27°25	5°38	17°23	10°24	13°25	3°52	5°29	13°42	3°R11	2° 6	6°43	10°28	S 11
M12	5 34 9	23°37'42	16°24	29° 3	6°17	18°10	10°26	13°31	3°55	5°29	13°41	3°10	2° 3	6°50	10°34	M12
T 13	5 38 6	24°38'54	0♋21	0♉41	6°55	18°57	10°28	13°37	3°58	5°D29	13°40	3° 9	1°59	6°57	10°41	T 13
W14	5 42 3	25°40'06	14°34	2°20	7°32	19°45	10°31	13°43	4° 1	5°29	13°39	3° 6	1°56	7° 4	10°48	W14
T 15	5 45 59	26°41'17	28°58	3°59	8° 7	20°32	10°33	13°49	4° 3	5°29	13°38	3° 3	1°53	7°10	10°54	T 15
F 16	5 49 56	27°42'28	13♌27	5°38	8°41	21°19	10°36	13°54	4° 6	5°29	13°37	2°59	1°50	7°17	11° 0	F 16
S 17	5 53 52	28°43'40	27°55	7°17	9°13	22° 6	10°39	14° 0	4° 8	5°29	13°36	2°56	1°47	7°24	11° 7	S 17
S 18	5 57 49	29°44'51	12♍18	8°57	9°44	22°54	10°42	14° 6	4°11	5°29	13°35	2°54	1°44	7°30	11°13	S 18
M19	6 1 45	0♉46'02	26°32	10°37	10°13	23°41	10°45	14°11	4°13	5°30	13°34	2°D53	1°40	7°37	11°19	M19
T 20	6 5 42	1°47'13	10♎35	12°17	10°40	24°28	10°49	14°17	4°16	5°30	13°33	2°53	1°37	7°44	11°25	T 20
W21	6 9 38	2°48'24	24°25	13°57	11° 6	25°16	10°52	14°23	4°18	5°30	13°32	2°54	1°34	7°51	11°31	W21
T 22	6 13 35	3°49'35	8♏ 2	15°36	11°30	26° 3	10°56	14°28	4°21	5°30	13°31	2°56	1°31	7°57	11°37	T 22
F 23	6 17 32	4°50'45	21°27	17°16	11°52	26°51	11° 0	14°33	4°23	5°31	13°30	2°57	1°28	8° 4	11°43	F 23
S 24	6 21 28	5°51'55	4♐41	18°55	12°12	27°38	11° 5	14°39	4°25	5°31	13°29	2°R57	1°25	8°11	11°49	S 24
S 25	6 25 25	6°53'05	17°42	20°34	12°30	28°25	11° 9	14°44	4°27	5°31	13°28	2°56	1°21	8°18	11°55	S 25
M26	6 29 21	7°54'15	0♉32	22°11	12°46	29°13	11°14	14°49	4°30	5°32	13°27	2°54	1°18	8°24	12° 0	M26
T 27	6 33 18	8°55'24	13°10	23°48	13° 0	0♒ 0	11°19	14°54	4°32	5°32	13°26	2°49	1°15	8°31	12° 6	T 27
W28	6 37 14	9°56'32	25°36	25°24	13°11	0°47	11°24	14°59	4°34	5°33	13°24	2°43	1°12	8°38	12°12	W28
T 29	6 41 11	10°57'39	7♒51	26°58	13°21	1°35	11°29	15° 4	4°36	5°33	13°23	2°35	1° 9	8°44	12°17	T 29
F 30	6 45 7	11°58'45	19°57	28°30	13°28	2°22	11°34	15° 9	4°38	5°34	13°22	2°28	1° 5	8°51	12°22	F 30
S 31	6 49 4	12♉59'51	1♓54	29♉59	13♒33	3♒10	11♈40	15♏14	4♏40	5♈34	13♌21	2♊20	1♊ 2	8♓58	12♏28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s26	24s38	4s25	23s36	1s19	22s33	1s54	24s25	1s 9	2n48	1s25	13s40	2n 5	12s19	0n26	0n34	1s48	27n32	11n15	20n56	20n50	14s17	15s17	0s38
F 2	22 34	22 2	4 55	23 54	1 24	22 17	1 49	24 21	1 9	2 48	1 25	13 42	2 5	12 20	0 26	0 34	1 48	27 32	11 15	20 56	20 49	14 15	15 19	0 37
S 3	22 42	18 32	5 12	24 10	1 29	22 1	1 43	24 18	1 9	2 48	1 24	13 44	2 5	12 21	0 26	0 34	1 47	27 33	11 16	20 55	20 49	14 12	15 21	0 37
S 4	22 48	14 19	5 16	24 25	1 33	21 45	1 37	24 13	1 10	2 49	1 24	13 46	2 5	12 22	0 26	0 34	1 47	27 33	11 16	20 55	20 48	14 10	15 23	0 37
M 5	22 55	9 34	5 6	24 39	1 38	21 28	1 30	24 9	1 10	2 49	1 24	13 48	2 5	12 23	0 26	0 34	1 47	27 34	11 16	20 55	20 47	14 7	15 25	0 36
T 6	23 1	4 28	4 43	24 52	1 42	21 11	1 23	24 4	1 10	2 50	1 23	13 50	2 5	12 24	0 26	0 34	1 47	27 34	11 17	20 55	20 47	14 4	15 27	0 36
W 7	23 6	0n53	4 7	25 3	1 46	20 54	1 16	24 0	1 10	2 50	1 23	13 52	2 5	12 25	0 26	0 34	1 47	27 35	11 17	20 55	20 46	14 2	15 29	0 36
T 8	23 11	6 17	3 20	25 13	1 49	20 37	1 9	23 54	1 10	2 51	1 23	13 53	2 6	12 26	0 26	0 34	1 47	27 35	11 18	20 56	20 45	13 59	15 31	0 35
F 9	23 16	11 35	2 21	25 21	1 53	20 19	1 1	23 49	1 10	2 52	1 22	13 55	2 6	12 27	0 26	0 33	1 47	27 36	11 18	20 56	20 45	13 57	15 33	0 35
S 10	23 20	16 32	1 15	25 28	1 56	20 2	0 54	23 43	1 10	2 53	1 22	13 57	2 6	12 28	0 26	0 33	1 47	27 37	11 18	20 56	20 44	13 54	15 35	0 35
S 11	23 24	20 49	0 2	25 33	1 58	19 44	0 46	23 37	1 10	2 54	1 22	13 59	2 6	12 29	0 26	0 34	1 47	27 37	11 19	20 56	20 44	13 52	15 37	0 34
M12	23 27	24 6	1n12	25 37	2 1	19 26	0 37	23 31	1 9	2 55	1 21	14 0	2 6	12 30	0 26	0 34	1 47	27 38	11 19	20 56	20 43	13 49	15 38	0 34
T 13	23 30	26 0	2 24	25 39	2 3	19 8	0 28	23 24	1 9	2 56	1 21	14 2	2 6	12 31	0 26	0 34	1 47	27 38	11 19	20 56	20 42	13 46	15 40	0 34
W14	23 32	26 15	3 28	25 39	2 4	18 50	0 19	23 17	1 9	2 57	1 21	14 4	2 6	12 32	0 26	0 34	1 47	27 39	11 20	20 55	20 42	13 44	15 42	0 34
T 15	23 34	24 45	4 20	25 38	2 5	18 32	0 10	23 10	1 9	2 58	1 20	14 5	2 6	12 33	0 26	0 34	1 47	27 40	11 20	20 55	20 41	13 41	15 44	0 33
F 16	23 35	21 37	4 56	25 35	2 6	18 13	0 0	23 3	1 9	3 0	1 20	14 7	2 6	12 34	0 26	0 34	1 47	27 40	11 20	20 54	20 40	13 38	15 45	0 33
S 17	23 36	17 9	5 12	25 31	2 7	17 55	0n10	22 55	1 9	3 1	1 20	14 8	2 6	12 35	0 26	0 34	1 47	27 41	11 21	20 53	20 40	13 36	15 47	0 33
S 18	23 36	11 45	5 9	25 24	2 7	17 37	0 20	22 47	1 9	3 3	1 20	14 10	2 6	12 35	0 26	0 34	1 47	27 41	11 21	20 53	20 39	13 33	15 49	0 32
M19	23 36	5 46	4 47	25 16	2 6	17 19	0 30	22 39	1 9	3 4	1 19	14 12	2 7	12 36	0 26	0 34	1 47	27 42	11 21	20 53	20 38	13 31	15 50	0 32
T 20	23 36	0s25	4 8	25 6	2 5	17 1	0 41	22 30	1 9	3 6	1 19	14 13	2 7	12 37	0 26	0 34	1 47	27 43	11 21	20 53	20 38	13 28	15 52	0 32
W21	23 35	6 30	3 15	24 55	2 3	16 44	0 52	22 22	1 9	3 8	1 19	14 15	2 7	12 38	0 26	0 34	1 46	27 43	11 22	20 53	20 37	13 25	15 53	0 31
T 22	23 33	12 12	2 12	24 41	2 1	16 26	1 4	22 13	1 9	3 10	1 18	14 16	2 7	12 39	0 26	0 35	1 46	27 44	11 22	20 53	20 36	13 23	15 55	0 31
F 23	23 31	17 15	1 2	24 26	1 58	16 9	1 16	22 3	1 9	3 11	1 18	14 18	2 7	12 39	0 26	0 35	1 46	27 44	11 22	20 54	20 36	13 20	15 57	0 31
S 24	23 28	21 23	0s 9	24 9	1 55	15 51	1 28	21 54	1 9	3 13	1 18	14 19	2 7	12 40	0 26	0 35	1 46	27 45	11 23	20 54	20 35	13 17	15 58	0 30
S 25	23 26	24 21	1 20	23 51	1 51	15 34	1 40	21 44	1 8	3 15	1 17	14 21	2 7	12 41	0 26	0 35	1 46	27 46	11 23	20 54	20 34	13 15	16 0	0 30
M26	23 22	26 1	2 25	23 30	1 46	15 18	1 53	21 34	1 8	3 18	1 17	14 22	2 7	12 42	0 26	0 35	1 46	27 46	11 23	20 53	20 34	13 12	16 1	0 30
T 27	23 18	26 17	3 21	23 8	1 40	15 1	2 6	21 24	1 8	3 20	1 17	14 23	2 8	12 42	0 26	0 36	1 46	27 47	11 24	20 52	20 33	13 9	16 2	0 30
W28	23 14	25 13	4 7	22 45	1 34	14 45	2 19	21 14	1 8	3 22	1 16	14 25	2 8	12 43	0 26	0 36	1 46	27 47	11 24	20 51	20 33	13 7	16 4	0 29
T 29	23 9	22 57	4 41	22 20	1 27	14 30	2 32	21 3	1 8	3 24	1 16	14 26	2 8	12 44	0 26	0 36	1 46	27 48	11 24	20 49	20 32	13 4	16 5	0 29
F 30	23 4	19 42	5 2	21 54	1 19	14 15	2 46	20 52	1 8	3 27	1 16	14 27	2 8	12 44	0 26	0 36	1 46	27 49	11 24	20 48	20 31	13 1	16 7	0 29
S 31	22s58	15s40	5s 9	21s26	1s10	14s 0	3n 0	20s41	1s 8	3n29	1s15	14s29	2n 8	12s45	0n26	0n37	1s46	27n49	11n25	20n46	20n31	12s59	16s 8	0s28

Julian Day Number = 1983641.5, Delta T = 57m58s
Ecliptic obliquity = 23°36'21, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'44, Lahiri = 6°00'45 Julian Calendar 1 Dec. 718 == Greg. Calendar 5 Dec. 718

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ASTRODIENST EPHEMERIS for the year 719
geocentric

JANUARY 719 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 53 1	14♉ 0'55	13♓47	1♒26	13°R35	3♒57	11♈45	15♏19	4♏42	5♈35	13°R19	2°R15	0♊59	9♓ 5	12♏33	S 1
M 2	6 56 57	15° 1'58	25°38	2°49	13♒35	4°44	11°51	15°23	4°43	5°36	13♌18	2♊10	0°56	9°11	12°38	M 2
T 3	7 0 54	16° 3'00	7♈31	4° 8	13°33	5°32	11°57	15°28	4°45	5°36	13°17	2° 8	0°53	9°18	12°43	T 3
W 4	7 4 50	17° 4'01	19°33	5°22	13°28	6°19	12° 4	15°33	4°47	5°37	13°16	2°D 8	0°50	9°25	12°48	W 4
T 5	7 8 47	18° 5'01	1♉46	6°30	13°20	7° 7	12°10	15°37	4°49	5°38	13°14	2° 9	0°46	9°31	12°53	T 5
F 6	7 12 43	19° 5'59	14°18	7°32	13°10	7°54	12°17	15°41	4°50	5°39	13°13	2°10	0°43	9°38	12°58	F 6
S 7	7 16 40	20° 6'56	27°11	8°27	12°57	8°41	12°23	15°46	4°52	5°40	13°12	2°R11	0°40	9°45	13° 3	S 7
S 8	7 20 36	21° 7'52	10♊30	9°14	12°42	9°29	12°30	15°50	4°53	5°40	13°10	2°11	0°37	9°52	13° 7	S 8
M 9	7 24 33	22° 8'47	24°16	9°52	12°24	10°16	12°37	15°54	4°55	5°41	13° 9	2° 9	0°34	9°58	13°12	M 9
T 10	7 28 30	23° 9'40	8♋29	10°21	12° 4	11° 3	12°44	15°58	4°56	5°42	13° 7	2° 4	0°31	10° 5	13°16	T 10
W11	7 32 26	24°10'32	23° 4	10°39	11°41	11°51	12°52	16° 2	4°58	5°43	13° 6	1°57	0°27	10°12	13°21	W11
T 12	7 36 23	25°11'23	7♌55	10°R47	11°17	12°38	12°59	16° 6	4°59	5°44	13° 5	1°49	0°24	10°19	13°25	T 12
F 13	7 40 19	26°12'12	22°53	10°43	10°50	13°25	13° 7	16°10	5° 0	5°45	13° 3	1°40	0°21	10°25	13°29	F 13
S 14	7 44 16	27°13'01	7♍49	10°29	10°21	14°12	13°15	16°14	5° 2	5°46	13° 2	1°32	0°18	10°32	13°33	S 14
S 15	7 48 12	28°13'48	22°35	10° 3	9°50	15° 0	13°23	16°17	5° 3	5°47	13° 0	1°25	0°15	10°39	13°37	S 15
M16	7 52 9	29°14'34	7♎ 4	9°28	9°18	15°47	13°31	16°21	5° 4	5°48	12°59	1°21	0°11	10°45	13°41	M16
T 17	7 56 5	0♒15'19	21°12	8°43	8°44	16°34	13°39	16°24	5° 5	5°50	12°57	1°19	0° 8	10°52	13°45	T 17
W18	8 0 2	1°16'03	5♏ 0	7°49	8° 9	17°21	13°48	16°28	5° 6	5°51	12°56	1°D18	0° 5	10°59	13°49	W18
T 19	8 3 59	2°16'47	18°27	6°49	7°33	18° 9	13°56	16°31	5° 7	5°52	12°54	1°19	0° 2	11° 6	13°53	T 19
F 20	8 7 55	3°17'28	1♐37	5°44	6°57	18°56	14° 5	16°34	5° 8	5°53	12°53	1°R20	29♉59	11°12	13°56	F 20
S 21	8 11 52	4°18'09	14°31	4°36	6°20	19°43	14°14	16°38	5° 9	5°54	12°51	1°19	29°56	11°19	14° 0	S 21
S 22	8 15 48	5°18'49	27°12	3°26	5°42	20°30	14°23	16°41	5°10	5°56	12°50	1°16	29°52	11°26	14° 3	S 22
M23	8 19 45	6°19'27	9♑43	2°16	5° 5	21°17	14°32	16°44	5°10	5°57	12°49	1°10	29°49	11°32	14° 6	M23
T 24	8 23 41	7°20'04	22° 4	1° 9	4°28	22° 4	14°41	16°46	5°11	5°58	12°47	1° 1	29°46	11°39	14° 9	T 24
W25	8 27 38	8°20'39	4♒17	0° 6	3°51	22°51	14°50	16°49	5°12	6° 0	12°46	0°49	29°43	11°46	14°12	W25
T 26	8 31 35	9°21'12	16°23	29♑ 8	3°15	23°38	15° 0	16°52	5°12	6° 1	12°44	0°36	29°40	11°53	14°15	T 26
F 27	8 35 31	10°21'44	28°22	28°15	2°41	24°26	15° 9	16°55	5°13	6° 3	12°42	0°23	29°37	11°59	14°18	F 27
S 28	8 39 28	11°22'14	10♓17	27°30	2° 7	25°13	15°19	16°57	5°13	6° 4	12°41	0°10	29°33	12° 6	14°21	S 28
S 29	8 43 24	12°22'43	22° 8	26°51	1°35	26° 0	15°29	16°59	5°14	6° 6	12°39	29♉58	29°30	12°13	14°24	S 29
M30	8 47 21	13°23'09	3♈58	26°20	1° 4	26°47	15°39	17° 2	5°14	6° 7	12°38	29°49	29°27	12°20	14°26	M30
T 31	8 51 17	14♒23'34	15♈51	25♑57	0♒35	27♒34	15♈49	17♏ 4	5♏14	6♈ 9	12♌36	29♉43	29♉24	12♓26	14♏29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s52	11s 4	5s 3	20s58	1s 1	13s46	3n14	20s30	1s 7	3n32	1s15	14s30	2n 8	12s46	0n27	0n37	1s46	27n50	11n25	20n45	20n30	12s56	16s 9	0s28
M 2	22 45	6 5	4 44	20 29	0 50	13 32	3 29	20 18	1 7	3 34	1 15	14 31	2 8	12 46	0 27	0 37	1 46	27 51	11 25	20 44	20 29	12 53	16 11	0 28
T 3	22 38	0 51	4 12	19 59	0 38	13 19	3 43	20 6	1 7	3 37	1 15	14 32	2 9	12 47	0 27	0 38	1 46	27 51	11 25	20 44	20 29	12 51	16 12	0 27
W 4	22 30	4n28	3 30	19 29	0 26	13 6	3 58	19 54	1 7	3 40	1 14	14 33	2 9	12 47	0 27	0 38	1 46	27 52	11 26	20 44	20 28	12 48	16 13	0 27
T 5	22 22	9 43	2 37	18 59	0 12	12 54	4 12	19 42	1 7	3 42	1 14	14 35	2 9	12 48	0 27	0 38	1 46	27 52	11 26	20 44	20 27	12 45	16 14	0 27
F 6	22 14	14 44	1 35	18 29	0n 2	12 43	4 27	19 29	1 6	3 45	1 14	14 36	2 9	12 48	0 27	0 39	1 46	27 53	11 26	20 44	20 27	12 43	16 15	0 26
S 7	22 5	19 14	0 27	18 0	0 17	12 32	4 42	19 17	1 6	3 48	1 13	14 37	2 9	12 49	0 27	0 39	1 45	27 54	11 26	20 45	20 26	12 40	16 17	0 26
S 8	21 56	22 55	0n45	17 32	0 33	12 22	4 57	19 4	1 6	3 51	1 13	14 38	2 9	12 49	0 27	0 39	1 45	27 54	11 26	20 45	20 25	12 37	16 18	0 26
M 9	21 46	25 25	1 56	17 6	0 50	12 13	5 11	18 51	1 6	3 54	1 13	14 39	2 9	12 50	0 27	0 40	1 45	27 55	11 27	20 44	20 25	12 34	16 19	0 25
T 10	21 36	26 22	3 2	16 42	1 7	12 5	5 26	18 38	1 6	3 57	1 13	14 40	2 10	12 50	0 27	0 40	1 45	27 55	11 27	20 43	20 24	12 32	16 20	0 25
W11	21 26	25 32	3 58	16 20	1 24	11 57	5 40	18 24	1 5	4 0	1 12	14 41	2 10	12 51	0 27	0 41	1 45	27 56	11 27	20 42	20 23	12 29	16 21	0 25
T 12	21 15	22 54	4 39	16 1	1 42	11 51	5 54	18 10	1 5	4 4	1 12	14 42	2 10	12 51	0 27	0 41	1 45	27 57	11 27	20 40	20 23	12 26	16 22	0 24
F 13	21 3	18 43	5 2	15 45	1 59	11 45	6 7	17 57	1 5	4 7	1 12	14 43	2 10	12 52	0 27	0 42	1 45	27 57	11 27	20 38	20 22	12 23	16 23	0 24
S 14	20 52	13 23	5 3	15 33	2 16	11 40	6 20	17 43	1 5	4 10	1 11	14 44	2 10	12 52	0 27	0 42	1 45	27 58	11 28	20 37	20 21	12 21	16 24	0 24
S 15	20 40	7 19	4 45	15 24	2 33	11 35	6 33	17 28	1 4	4 14	1 11	14 45	2 10	12 53	0 27	0 43	1 45	27 59	11 28	20 35	20 21	12 18	16 25	0 23
M16	20 27	0 59	4 8	15 18	2 48	11 32	6 45	17 14	1 4	4 17	1 11	14 46	2 11	12 53	0 27	0 43	1 45	27 59	11 28	20 34	20 20	12 15	16 26	0 23
T 17	20 14	5s17	3 17	15 16	3 3	11 30	6 57	16 59	1 4	4 20	1 11	14 46	2 11	12 53	0 27	0 44	1 45	28 0	11 28	20 34	20 19	12 13	16 26	0 23
W18	20 1	11 9	2 16	15 18	3 15	11 28	7 8	16 45	1 3	4 24	1 10	14 47	2 11	12 54	0 27	0 44	1 45	28 0	11 28	20 34	20 19	12 10	16 27	0 22
T 19	19 47	16 21	1 8	15 23	3 26	11 27	7 18	16 30	1 3	4 28	1 10	14 48	2 11	12 54	0 27	0 45	1 45	28 1	11 28	20 34	20 18	12 7	16 28	0 22
F 20	19 33	20 39	0s 2	15 30	3 34	11 27	7 27	16 15	1 3	4 31	1 10	14 49	2 11	12 54	0 27	0 45	1 45	28 1	11 28	20 34	20 17	12 4	16 29	0 22
S 21	19 19	23 51	1 10	15 41	3 41	11 27	7 36	16 0	1 3	4 35	1 10	14 49	2 11	12 54	0 27	0 46	1 45	28 2	11 29	20 34	20 17	12 2	16 29	0 22
S 22	19 4	25 48	2 13	15 53	3 44	11 29	7 44	15 44	1 2	4 39	1 9	14 50	2 12	12 55	0 27	0 46	1 45	28 3	11 29	20 33	20 16	11 59	16 30	0 21
M23	18 49	26 23	3 9	16 7	3 46	11 31	7 50	15 29	1 2	4 42	1 9	14 51	2 12	12 55	0 27	0 47	1 45	28 3	11 29	20 32	20 15	11 56	16 31	0 21
T 24	18 34	25 39	3 55	16 23	3 45	11 34	7 56	15 13	1 2	4 46	1 9	14 51	2 12	12 55	0 27	0 47	1 45	28 4	11 29	20 30	20 14	11 53	16 31	0 21
W25	18 18	23 41	4 30	16 39	3 42	11 37	8 1	14 57	1 1	4 50	1 9	14 52	2 12	12 55	0 27	0 48	1 45	28 4	11 29	20 28	20 14	11 50	16 32	0 20
T 26	18 2	20 40	4 52	16 56	3 37	11 41	8 5	14 41	1 1	4 54	1 8	14 53	2 12	12 55	0 27	0 49	1 45	28 5	11 29	20 25	20 13	11 48	16 33	0 20
F 27	17 46	16 49	5 1	17 13	3 30	11 46	8 8	14 25	1 1	4 58	1 8	14 53	2 12	12 56	0 27	0 49	1 44	28 5	11 29	20 22	20 12	11 45	16 33	0 20
S 28	17 29	12 20	4 56	17 30	3 22	11 51	8 11	14 9	1 0	5 2	1 8	14 54	2 13	12 56	0 27	0 50	1 44	28 6	11 29	20 20	20 12	11 42	16 34	0 19
S 29	17 12	7 24	4 39	17 47	3 13	11 57	8 12	13 53	1 0	5 6	1 8	14 54	2 13	12 56	0 27	0 50	1 44	28 6	11 29	20 17	20 11	11 39	16 34	0 19
M30	16 55	2 14	4 10	18 3	3 2	12 3	8 12	13 36	1 0	5 10	1 7	14 55	2 13	12 56	0 27	0 51	1 44	28 7	11 30	20 15	20 10	11 37	16 35	0 18
T 31	16s38	3n 3	3s30	18s18	2n51	12s 9	8n12	13s20	0s59	5n14	1s 7	14s55	2n13	12s56	0n27	0n52	1s44	28n 7	11n30	20n14	20n10	11s34	16s35	0s18

Julian Day Number = 1983672.5, Delta T = 57m57s
Ecliptic obliquity = 23°36'21, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'49, Lahiri = 6°00'49 Julian Calendar 1 Jan. 719 == Greg. Calendar 5 Jan. 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

FEBRUARY 719 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 55 14	15♒23'56	27♈50	25°R41	0°R 8	28♒20	15♈59	17♏ 6	5♏15	6♈10	12°R35	29°R39	29♉21	12♓33	14♏31	W 1
T 2	8 59 10	16°24'17	10♉ 0	25♋32	29♋43	29° 7	16° 9	17° 8	5°15	6°12	12♌33	29♉38	29°17	12°40	14°33	T 2
F 3	9 3 7	17°24'35	22°26	25°D30	29°21	29°54	16°20	17°10	5°15	6°13	12°32	29°38	29°14	12°46	14°35	F 3
S 4	9 7 3	18°24'52	5♊13	25°35	29° 0	0♓41	16°30	17°12	5°15	6°15	12°30	29°38	29°11	12°53	14°37	S 4
S 5	9 11 0	19°25'06	18°26	25°46	28°42	1°28	16°41	17°13	5°R15	6°17	12°29	29°37	29° 8	13° 0	14°39	S 5
M 6	9 14 57	20°25'18	2♋ 9	26° 3	28°27	2°15	16°52	17°15	5°15	6°18	12°27	29°33	29° 5	13° 7	14°41	M 6
T 7	9 18 53	21°25'29	16°22	26°25	28°13	3° 1	17° 3	17°17	5°15	6°20	12°26	29°27	29° 2	13°13	14°43	T 7
W 8	9 22 50	22°25'37	1♌ 3	26°53	28° 3	3°48	17°13	17°18	5°15	6°22	12°24	29°19	28°58	13°20	14°45	W 8
T 9	9 26 46	23°25'43	16° 5	27°25	27°54	4°35	17°24	17°19	5°15	6°24	12°23	29° 8	28°55	13°27	14°46	T 9
F 10	9 30 43	24°25'47	1♍21	28° 1	27°49	5°21	17°36	17°21	5°14	6°25	12°21	28°57	28°52	13°33	14°48	F 10
S 11	9 34 39	25°25'49	16°38	28°42	27°45	6° 8	17°47	17°22	5°14	6°27	12°20	28°46	28°49	13°40	14°49	S 11
S 12	9 38 36	26°25'50	1♎45	29°27	27°D45	6°55	17°58	17°23	5°14	6°29	12°19	28°36	28°46	13°47	14°50	S 12
M13	9 42 32	27°25'48	16°34	0♒15	27°46	7°41	18°10	17°24	5°13	6°31	12°17	28°30	28°42	13°54	14°51	M13
T 14	9 46 29	28°25'45	0♏57	1° 7	27°50	8°28	18°21	17°25	5°13	6°33	12°16	28°26	28°39	14° 0	14°52	T 14
W15	9 50 26	29°25'40	14°54	2° 2	27°56	9°14	18°33	17°25	5°12	6°34	12°14	28°24	28°36	14° 7	14°53	W15
T 16	9 54 22	0♓25'34	28°25	2°59	28° 5	10° 1	18°44	17°26	5°12	6°36	12°13	28°24	28°33	14°14	14°54	T 16
F 17	9 58 19	1°25'26	11♐32	4° 0	28°16	10°47	18°56	17°26	5°11	6°38	12°11	28°24	28°30	14°20	14°54	F 17
S 18	10 2 15	2°25'16	24°19	5° 3	28°29	11°33	19° 8	17°27	5°11	6°40	12°10	28°22	28°27	14°27	14°55	S 18
S 19	10 6 12	3°25'05	6♋50	6° 8	28°44	12°20	19°20	17°27	5°10	6°42	12° 9	28°19	28°23	14°34	14°55	S 19
M20	10 10 8	4°24'51	19° 8	7°16	29° 1	13° 6	19°32	17°27	5° 9	6°44	12° 7	28°12	28°20	14°41	14°56	M20
T 21	10 14 5	5°24'36	1♒17	8°26	29°20	13°52	19°44	17°28	5° 8	6°46	12° 6	28° 3	28°17	14°47	14°56	T 21
W22	10 18 1	6°24'19	13°19	9°38	29°41	14°39	19°56	17°R28	5° 7	6°48	12° 4	27°51	28°14	14°54	14°56	W22
T 23	10 21 58	7°24'00	25°17	10°51	0♒ 3	15°25	20° 8	17°27	5° 7	6°50	12° 3	27°37	28°11	15° 1	14°R56	T 23
F 24	10 25 55	8°23'39	7♓11	12° 7	0°28	16°11	20°21	17°27	5° 6	6°52	12° 2	27°22	28° 8	15° 8	14°56	F 24
S 25	10 29 51	9°23'16	19° 3	13°25	0°54	16°57	20°33	17°27	5° 5	6°54	12° 0	27° 8	28° 4	15°14	14°56	S 25
S 26	10 33 48	10°22'50	0♈54	14°44	1°22	17°43	20°46	17°27	5° 4	6°56	11°59	26°56	28° 1	15°21	14°56	S 26
M27	10 37 44	11°22'23	12°46	16° 5	1°51	18°29	20°58	17°26	5° 2	6°58	11°58	26°46	27°58	15°28	14°55	M27
T 28	10 41 41	12♓21'53	24♈41	17♒28	2♒22	19♓15	21♈11	17♏26	5♏ 1	7♈ 0	11♌57	26♉39	27♉55	15♓34	14♏55	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s20	8n17	2s40	18s33	2n39	12s16	8n11	13s 3	0s59	5n18	1s 7	14s56	2n13	12s56	0n27	0n52	1s44	28n 8	11n30	20n13	20n 9	11s31	16s35	0s18
T 2	16 2	13 18	1 42	18 47	2 27	12 23	8 9	12 46	0 58	5 22	1 7	14 56	2 14	12 56	0 27	0 53	1 44	28 9	11 30	20 13	20 8	11 28	16 36	0 17
F 3	15 43	17 54	0 38	18 59	2 14	12 30	8 6	12 29	0 58	5 27	1 6	14 56	2 14	12 56	0 27	0 54	1 44	28 9	11 30	20 13	20 8	11 25	16 36	0 17
S 4	15 25	21 48	0n30	19 11	2 1	12 38	8 2	12 12	0 58	5 31	1 6	14 57	2 14	12 56	0 27	0 54	1 44	28 10	11 30	20 13	20 7	11 23	16 36	0 17
S 5	15 6	24 43	1 38	19 22	1 48	12 45	7 58	11 55	0 57	5 35	1 6	14 57	2 14	12 56	0 27	0 55	1 44	28 10	11 30	20 12	20 6	11 20	16 37	0 16
M 6	14 47	26 18	2 43	19 31	1 36	12 53	7 53	11 38	0 57	5 39	1 6	14 57	2 14	12 56	0 27	0 56	1 44	28 10	11 30	20 12	20 6	11 17	16 37	0 16
T 7	14 28	26 14	3 40	19 40	1 23	13 1	7 48	11 21	0 56	5 44	1 6	14 57	2 15	12 56	0 27	0 57	1 44	28 11	11 30	20 10	20 5	11 14	16 37	0 16
W 8	14 8	24 22	4 25	19 47	1 10	13 9	7 42	11 3	0 56	5 48	1 5	14 58	2 15	12 56	0 27	0 57	1 44	28 11	11 30	20 9	20 4	11 11	16 37	0 15
T 9	13 48	20 46	4 52	19 53	0 58	13 16	7 36	10 46	0 56	5 53	1 5	14 58	2 15	12 56	0 27	0 58	1 44	28 12	11 30	20 6	20 3	11 9	16 37	0 15
F 10	13 28	15 44	5 0	19 57	0 46	13 24	7 29	10 28	0 55	5 57	1 5	14 58	2 15	12 56	0 27	0 59	1 44	28 12	11 30	20 4	20 3	11 6	16 37	0 15
S 11	13 8	9 41	4 46	20 1	0 34	13 32	7 22	10 10	0 55	6 2	1 5	14 58	2 15	12 56	0 27	0 59	1 44	28 13	11 30	20 1	20 2	11 3	16 37	0 14
S 12	12 48	3 9	4 12	20 3	0 22	13 39	7 15	9 53	0 54	6 6	1 5	14 58	2 15	12 56	0 27	1 0	1 44	28 13	11 30	19 59	20 1	11 0	16 37	0 14
M13	12 27	3s27	3 21	20 3	0 11	13 47	7 7	9 35	0 54	6 11	1 4	14 58	2 16	12 56	0 27	1 1	1 44	28 14	11 30	19 58	20 1	10 57	16 37	0 14
T 14	12 6	9 43	2 19	20 3	0 0	13 54	6 59	9 17	0 54	6 15	1 4	14 58	2 16	12 55	0 27	1 2	1 44	28 14	11 30	19 57	20 0	10 54	16 37	0 13
W15	11 45	15 18	1 11	20 1	0s10	14 1	6 50	8 59	0 53	6 20	1 4	14 58	2 16	12 55	0 27	1 3	1 44	28 14	11 30	19 57	19 59	10 52	16 37	0 13
T 16	11 24	19 57	0s 0	19 57	0 20	14 8	6 42	8 41	0 53	6 25	1 4	14 58	2 16	12 55	0 27	1 3	1 44	28 15	11 30	19 56	19 59	10 49	16 37	0 13
F 17	11 3	23 28	1 9	19 53	0 30	14 14	6 33	8 23	0 52	6 29	1 4	14 58	2 16	12 55	0 27	1 4	1 44	28 15	11 30	19 56	19 58	10 46	16 37	0 12
S 18	10 41	25 41	2 12	19 47	0 40	14 20	6 24	8 4	0 52	6 34	1 3	14 58	2 17	12 55	0 27	1 5	1 44	28 16	11 30	19 56	19 57	10 43	16 37	0 12
S 19	10 19	26 33	3 8	19 39	0 49	14 26	6 15	7 46	0 51	6 39	1 3	14 58	2 17	12 54	0 27	1 6	1 44	28 16	11 30	19 55	19 56	10 40	16 36	0 11
M20	9 58	26 5	3 54	19 30	0 57	14 32	6 6	7 28	0 51	6 43	1 3	14 58	2 17	12 54	0 27	1 7	1 44	28 16	11 30	19 54	19 56	10 37	16 36	0 11
T 21	9 36	24 22	4 28	19 20	1 5	14 37	5 57	7 10	0 50	6 48	1 3	14 58	2 17	12 54	0 27	1 7	1 44	28 17	11 30	19 52	19 55	10 34	16 36	0 11
W22	9 13	21 34	4 50	19 8	1 13	14 42	5 47	6 51	0 50	6 53	1 3	14 58	2 17	12 54	0 27	1 8	1 44	28 17	11 30	19 49	19 54	10 32	16 36	0 10
T 23	8 51	17 52	4 59	18 55	1 20	14 46	5 38	6 33	0 49	6 58	1 2	14 58	2 18	12 53	0 27	1 9	1 44	28 17	11 29	19 46	19 54	10 29	16 35	0 10
F 24	8 29	13 30	4 55	18 41	1 27	14 50	5 29	6 14	0 49	7 3	1 2	14 57	2 18	12 53	0 27	1 10	1 43	28 18	11 29	19 43	19 53	10 26	16 35	0 10
S 25	8 6	8 38	4 38	18 25	1 34	14 54	5 19	5 56	0 48	7 7	1 2	14 57	2 18	12 53	0 27	1 11	1 43	28 18	11 29	19 39	19 52	10 23	16 35	0 9
S 26	7 44	3 27	4 9	18 7	1 40	14 57	5 10	5 37	0 48	7 12	1 2	14 57	2 18	12 52	0 27	1 11	1 43	28 18	11 29	19 37	19 51	10 20	16 34	0 9
M27	7 21	1n52	3 30	17 48	1 46	15 0	5 1	5 19	0 47	7 17	1 2	14 57	2 18	12 52	0 27	1 12	1 43	28 19	11 29	19 34	19 51	10 17	16 34	0 8
T 28	6s58	7n 9	2s40	17s28	1s51	15s 2	4n51	5s 0	0s47	7n22	1s 2	14s56	2n18	12s51	0n27	1n13	1s43	28n19	11n29	19n33	19n50	10s14	16s33	0s 8

Julian Day Number = 1983703.5, Delta T = 57m56s
Ecliptic obliquity = 23°36'22, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'53, Lahiri = 6°00'53 Julian Calendar 1 Feb. 719 == Greg. Calendar 5 Feb. 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

MARCH 719 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 45 37	13♓21'21	6♉42	18♒52	2♒54	20♓ 1	21♈23	17°R25	5°R 0	7♈ 3	11°R55	26°R35	27♉52	15♓41	14°R54	W 1
T 2	10 49 34	14°20'46	18°53	20°18	3°28	20°47	21°36	17♏24	4♏59	7° 5	11♌54	26♉33	27°48	15°48	14♏53	T 2
F 3	10 53 30	15°20'10	1♊18	21°45	4° 3	21°33	21°49	17°23	4°58	7° 7	11°53	26°D33	27°45	15°55	14°53	F 3
S 4	10 57 27	16°19'31	14° 2	23°14	4°39	22°19	22° 2	17°22	4°56	7° 9	11°52	26°R33	27°42	16° 1	14°52	S 4
S 5	11 1 24	17°18'50	27° 9	24°44	5°16	23° 5	22°15	17°21	4°55	7°11	11°50	26°33	27°39	16° 8	14°51	S 5
M 6	11 5 20	18°18'06	10♋43	26°15	5°55	23°50	22°28	17°20	4°53	7°13	11°49	26°31	27°36	16°15	14°50	M 6
T 7	11 9 17	19°17'20	24°47	27°49	6°35	24°36	22°41	17°19	4°52	7°15	11°48	26°26	27°33	16°21	14°48	T 7
W 8	11 13 13	20°16'31	9♌19	29°23	7°16	25°22	22°54	17°17	4°50	7°18	11°47	26°20	27°29	16°28	14°47	W 8
T 9	11 17 10	21°15'41	24°15	0♓59	7°58	26° 7	23° 7	17°16	4°49	7°20	11°46	26°11	27°26	16°35	14°46	T 9
F 10	11 21 6	22°14'48	9♍29	2°36	8°41	26°53	23°20	17°14	4°47	7°22	11°45	26° 1	27°23	16°42	14°44	F 10
S 11	11 25 3	23°13'52	24°49	4°15	9°25	27°38	23°33	17°13	4°46	7°24	11°44	25°52	27°20	16°48	14°42	S 11
S 12	11 28 59	24°12'55	10♎ 5	5°56	10°10	28°24	23°47	17°11	4°44	7°26	11°43	25°44	27°17	16°55	14°41	S 12
M13	11 32 56	25°11'55	25° 5	7°37	10°55	29° 9	24° 0	17° 9	4°42	7°29	11°42	25°38	27°14	17° 2	14°39	M13
T 14	11 36 53	26°10'54	9♏42	9°20	11°42	29°55	24°13	17° 7	4°41	7°31	11°41	25°35	27°10	17° 8	14°37	T 14
W15	11 40 49	27° 9'51	23°51	11° 5	12°30	0♈40	24°27	17° 5	4°39	7°33	11°40	25°D34	27° 7	17°15	14°35	W15
T 16	11 44 46	28° 8'46	7♐31	12°51	13°18	1°25	24°40	17° 3	4°37	7°35	11°39	25°35	27° 4	17°22	14°33	T 16
F 17	11 48 42	29° 7'39	20°45	14°39	14° 7	2°10	24°54	17° 1	4°35	7°38	11°38	25°35	27° 1	17°29	14°31	F 17
S 18	11 52 39	0♈ 6'31	3♑34	16°28	14°57	2°56	25° 7	16°59	4°33	7°40	11°37	25°R36	26°58	17°35	14°29	S 18
S 19	11 56 35	1° 5'21	16° 5	18°18	15°47	3°41	25°21	16°56	4°31	7°42	11°36	25°34	26°54	17°42	14°26	S 19
M20	12 0 32	2° 4'09	28°19	20°10	16°38	4°26	25°35	16°54	4°29	7°44	11°35	25°31	26°51	17°49	14°24	M20
T 21	12 4 28	3° 2'55	10♒23	22° 4	17°30	5°11	25°48	16°52	4°27	7°47	11°34	25°25	26°48	17°55	14°21	T 21
W22	12 8 25	4° 1'39	22°20	23°59	18°23	5°56	26° 2	16°49	4°25	7°49	11°34	25°18	26°45	18° 2	14°19	W22
T 23	12 12 22	5° 0'22	4♓13	25°55	19°16	6°41	26°16	16°46	4°23	7°51	11°33	25° 9	26°42	18° 9	14°16	T 23
F 24	12 16 18	5°59'02	16° 4	27°53	20°10	7°26	26°29	16°43	4°21	7°53	11°32	24°59	26°39	18°16	14°13	F 24
S 25	12 20 15	6°57'41	27°55	29°53	21° 4	8°11	26°43	16°41	4°19	7°56	11°31	24°50	26°35	18°22	14°11	S 25
S 26	12 24 11	7°56'18	9♈49	1♈53	21°59	8°55	26°57	16°38	4°17	7°58	11°30	24°41	26°32	18°29	14° 8	S 26
M27	12 28 8	8°54'52	21°46	3°56	22°54	9°40	27°11	16°35	4°15	8° 0	11°30	24°35	26°29	18°36	14° 5	M27
T 28	12 32 4	9°53'25	3♉49	5°59	23°50	10°25	27°25	16°32	4°12	8° 2	11°29	24°30	26°26	18°42	14° 2	T 28
W29	12 36 1	10°51'56	15°59	8° 4	24°46	11° 9	27°39	16°29	4°10	8° 5	11°28	24°28	26°23	18°49	13°58	W29
T 30	12 39 57	11°50'24	28°18	10° 9	25°43	11°54	27°53	16°25	4° 8	8° 7	11°28	24°D28	26°19	18°56	13°55	T 30
F 31	12 43 54	12♈48'51	10♊51	12♈16	26♒40	12♈39	28♈ 7	16♏22	4♏ 6	8♈ 9	11♌27	24♉29	26♉16	19♓ 3	13♏52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	6s35	12n13	1s43	17s 6	1s56	15s 4	4n42	4s41	0s46	7n27	1s 1	14s56	2n19	12s51	0n27	1n14	1s43	28n19	11n29	19n32	19n49	10s11	16s33	0s 8	
T 2	6 12	16 55	0 41	16 43	2 0	15 6	4 33	4 23	0 46	7 32	1 1	14 55	2 19	12 51	0 27	1 15	1 43	28 19	11 29	19 31	19 49	10 9	16 32	0 7	
F 3	5 49	20 59	0n25	16 19	2 4	15 7	4 23	4 4	0 45	7 37	1 1	14 55	2 19	12 50	0 27	1 16	1 43	28 20	11 29	19 31	19 48	10 6	16 31	0 7	
S 4	5 26	24 10	1 32	15 53	2 8	15 7	4 14	3 45	0 45	7 42	1 1	14 55	2 19	12 50	0 27	1 17	1 43	28 20	11 29	19 31	19 47	10 3	16 31	0 7	
S 5	5 3	26 9	2 35	15 25	2 11	15 7	4 5	3 27	0 44	7 47	1 1	14 54	2 19	12 49	0 27	1 17	1 43	28 20	11 28	19 31	19 46	10 0	16 30	0 6	
M 6	4 39	26 41	3 32	14 56	2 13	15 7	3 56	3 8	0 44	7 52	1 1	14 54	2 19	12 49	0 27	1 18	1 43	28 20	11 28	19 31	19 46	9 57	16 29	0 6	
T 7	4 16	25 33	4 18	14 26	2 16	15 6	3 47	2 49	0 43	7 57	1 0	14 53	2 20	12 48	0 27	1 19	1 43	28 21	11 28	19 30	19 45	9 54	16 29	0 5	
W 8	3 53	22 42	4 50	13 54	2 17	15 4	3 38	2 31	0 43	8 2	1 0	14 53	2 20	12 48	0 27	1 20	1 43	28 21	11 28	19 28	19 44	9 51	16 28	0 5	
T 9	3 29	18 17	5 3	13 21	2 18	15 2	3 29	2 12	0 42	8 7	1 0	14 52	2 20	12 47	0 28	1 21	1 43	28 21	11 28	19 26	19 43	9 48	16 27	0 5	
F 10	3 6	12 37	4 55	12 47	2 19	15 0	3 20	1 53	0 42	8 12	1 0	14 51	2 20	12 47	0 28	1 22	1 43	28 21	11 28	19 24	19 43	9 45	16 26	0 4	
S 11	2 42	6 8	4 26	12 11	2 20	14 57	3 12	1 35	0 41	8 17	1 0	14 51	2 20	12 46	0 28	1 23	1 43	28 21	11 28	19 22	19 42	9 42	16 25	0 4	
S 12	2 19	0s41	3 38	11 33	2 19	14 53	3 3	1 16	0 41	8 22	1 0	14 50	2 20	12 45	0 28	1 24	1 43	28 22	11 27	19 20	19 41	9 39	16 25	0 3	
M13	1 55	7 22	2 35	10 55	2 19	14 49	2 55	0 57	0 40	8 27	1 0	14 50	2 21	12 45	0 28	1 25	1 43	28 22	11 27	19 18	19 41	9 37	16 24	0 3	
T 14	1 32	13 30	1 24	10 14	2 17	14 44	2 46	0 39	0 40	8 32	0 59	14 49	2 21	12 44	0 28	1 25	1 43	28 22	11 27	19 17	19 40	9 34	16 23	0 3	
W15	1 8	18 43	0 9	9 33	2 16	14 39	2 38	0 20	0 39	8 37	0 59	14 48	2 21	12 44	0 28	1 26	1 43	28 22	11 27	19 17	19 39	9 31	16 22	0 2	
T 16	0 45	22 46	1s 4	8 50	2 14	14 33	2 30	0 1	0 39	8 42	0 59	14 47	2 21	12 43	0 28	1 27	1 43	28 22	11 27	19 17	19 38	9 28	16 21	0 2	
F 17	0 21	25 27	2 11	8 6	2 11	14 27	2 21	0n17	0 38	8 47	0 59	14 47	2 21	12 42	0 28	1 28	1 43	28 22	11 27	19 17	19 38	9 25	16 20	0 1	
S 18	0n 3	26 42	3 9	7 20	2 8	14 20	2 13	0 36	0 37	8 52	0 59	14 46	2 21	12 42	0 28	1 29	1 43	28 22	11 26	19 18	19 37	9 22	16 19	0 1	
S 19	0 26	26 33	3 57	6 33	2 4	14 13	2 6	0 55	0 37	8 58	0 59	14 45	2 22	12 41	0 28	1 30	1 43	28 22	11 26	19 17	19 36	9 19	16 18	0 1	
M20	0 50	25 5	4 32	5 45	2 0	14 5	1 58	1 13	0 36	9 3	0 59	14 44	2 22	12 40	0 28	1 31	1 43	28 22	11 26	19 16	19 35	9 16	16 16	0 0	
T 21	1 13	22 30	4 56	4 56	1 55	13 57	1 50	1 32	0 36	9 8	0 59	14 43	2 22	12 40	0 28	1 32	1 43	28 23	11 26	19 15	19 35	9 13	16 15	0n 0	
W22	1 37	18 58	5 5	4 5	1 50	13 48	1 43	1 50	0 35	9 13	0 58	14 43	2 22	12 39	0 28	1 33	1 43	28 23	11 26	19 13	19 34	9 10	16 14	0 1	
T 23	2 0	14 43	5 2	3 13	1 44	13 39	1 35	2 8	0 35	9 18	0 58	14 42	2 22	12 38	0 28	1 33	1 43	28 23	11 25	19 11	19 33	9 7	16 13	0 1	
F 24	2 24	9 55	4 46	2 20	1 37	13 29	1 28	2 27	0 34	9 23	0 58	14 41	2 22	12 38	0 28	1 34	1 43	28 23	11 25	19 9	19 32	9 4	16 12	0 1	
S 25	2 47	4 45	4 17	1 26	1 30	13 18	1 21	2 45	0 33	9 28	0 58	14 40	2 22	12 37	0 28	1 35	1 43	28 23	11 25	19 6	19 32	9 1	16 11	0 2	
S 26	3 10	0n35	3 37	0 31	1 23	13 7	1 14	3 3	0 33	9 33	0 58	14 39	2 22	12 36	0 28	1 36	1 43	28 23	11 25	19 4	19 31	8 58	16 9	0 2	
M27	3 33	5 57	2 47	0n25	1 15	12 56	1 7	3 22	0 32	9 38	0 58	14 38	2 23	12 35	0 28	1 37	1 43	28 23	11 25	19 3	19 30	8 55	16 8	0 3	
T 28	3 57	11 10	1 49	1 22	1 7	12 44	1 0	3 40	0 32	9 44	0 58	14 37	2 23	12 35	0 28	1 38	1 43	28 23	11 24	19 2	19 29	8 52	16 7	0 3	
W29	4 20	16 0	0 46	2 20	0 58	12 32	0 53	3 58	0 31	9 49	0 58	14 36	2 23	12 34	0 28	1 39	1 43	28 23	11 24	19 1	19 29	8 49	16 5	0 3	
T 30	4 43	20 16	0n21	3 18	0 49	12 19	0 46	4 16	0 31	9 54	0 58	14 35	2 23	12 33	0 28	1 40	1 43	28 23	11 24	19 1	19 28	8 46	16 4	0 4	
F 31	5n 6	23n40	1n28	4n17	0s39	12s 5	0n40	4n34	0s30	9n59	0s57	14s34	2n23	12s32	0n28	1n41	1s43	28n23	11n24	19n 1	19n27	8s43	16s 3	0n 4	

Julian Day Number = 1983731.5, Delta T = 57m55s
Ecliptic obliquity = 23°36'23, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°53'57, Lahiri = 6°00'57 Julian Calendar 1 March 719 == Greg. Calendar 5 March 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

APRIL 719 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 47 50	13♈47'15	23♊39	14♈24	27♒37	13♈23	28♈21	16°R19	4°R 3	8♈11	11°R27	24♉30	26♉13	19♓ 9	13°R49	S 1
S 2	12 51 47	14°45'37	6♋47	16°32	28°35	14° 8	28°35	16♏15	4♏ 1	8°14	11♌26	24°31	26°10	19°16	13♏45	S 2
M 3	12 55 44	15°43'57	20°16	18°40	29°34	14°52	28°49	16°12	3°59	8°16	11°26	24°R32	26° 7	19°23	13°42	M 3
T 4	12 59 40	16°42'15	4♌10	20°49	0♓32	15°36	29° 3	16° 8	3°56	8°18	11°25	24°30	26° 4	19°29	13°38	T 4
W 5	13 3 37	17°40'31	18°28	22°57	1°31	16°21	29°17	16° 5	3°54	8°20	11°25	24°27	26° 0	19°36	13°35	W 5
T 6	13 7 33	18°38'45	3♍ 8	25° 5	2°31	17° 5	29°31	16° 1	3°52	8°23	11°24	24°23	25°57	19°43	13°31	T 6
F 7	13 11 30	19°36'56	18° 5	27°12	3°31	17°49	29°45	15°57	3°49	8°25	11°24	24°18	25°54	19°50	13°27	F 7
S 8	13 15 26	20°35'05	3♎11	29°18	4°31	18°33	29°59	15°54	3°47	8°27	11°24	24°14	25°51	19°56	13°24	S 8
S 9	13 19 23	21°33'13	18°16	1♉23	5°31	19°17	0♉13	15°50	3°44	8°29	11°23	24° 9	25°48	20° 3	13°20	S 9
M10	13 23 19	22°31'19	3♏12	3°27	6°32	20° 1	0°27	15°46	3°42	8°32	11°23	24° 7	25°45	20°10	13°16	M10
T 11	13 27 16	23°29'23	17°50	5°28	7°33	20°45	0°42	15°42	3°40	8°34	11°23	24°D 5	25°41	20°16	13°12	T 11
W12	13 31 13	24°27'26	2♐ 4	7°27	8°35	21°29	0°56	15°38	3°37	8°36	11°22	24° 5	25°38	20°23	13° 8	W12
T 13	13 35 9	25°25'27	15°52	9°24	9°37	22°13	1°10	15°34	3°35	8°38	11°22	24° 6	25°35	20°30	13° 4	T 13
F 14	13 39 6	26°23'27	29°12	11°18	10°39	22°57	1°24	15°30	3°32	8°40	11°22	24° 8	25°32	20°36	13° 0	F 14
S 15	13 43 2	27°21'25	12♑ 8	13°10	11°41	23°40	1°38	15°26	3°30	8°43	11°22	24° 9	25°29	20°43	12°56	S 15
S 16	13 46 59	28°19'22	24°43	14°58	12°44	24°24	1°52	15°22	3°27	8°45	11°22	24°R10	25°25	20°50	12°52	S 16
M17	13 50 55	29°17'18	7♒ 0	16°43	13°46	25° 8	2° 7	15°18	3°25	8°47	11°22	24°10	25°22	20°57	12°48	M17
T 18	13 54 52	0♉15'12	19° 5	18°25	14°49	25°51	2°21	15°14	3°22	8°49	11°22	24° 9	25°19	21° 3	12°44	T 18
W19	13 58 48	1°13'05	1♓ 1	20° 4	15°53	26°35	2°35	15° 9	3°20	8°51	11°22	24° 6	25°16	21°10	12°40	W19
T 20	14 2 45	2°10'56	12°52	21°39	16°56	27°19	2°49	15° 5	3°17	8°53	11°D21	24° 3	25°13	21°17	12°35	T 20
F 21	14 6 42	3° 8'46	24°43	23°11	18° 0	28° 2	3° 3	15° 1	3°15	8°55	11°21	24° 0	25°10	21°23	12°31	F 21
S 22	14 10 38	4° 6'35	6♈36	24°38	19° 4	28°45	3°18	14°56	3°12	8°57	11°22	23°57	25° 6	21°30	12°27	S 22
S 23	14 14 35	5° 4'23	18°34	26° 3	20° 8	29°29	3°32	14°52	3° 9	9° 0	11°22	23°54	25° 3	21°37	12°23	S 23
M24	14 18 31	6° 2'09	0♉40	27°23	21°12	0♉12	3°46	14°48	3° 7	9° 2	11°22	23°52	25° 0	21°44	12°18	M24
T 25	14 22 28	6°59'53	12°53	28°40	22°17	0°55	4° 0	14°43	3° 4	9° 4	11°22	23°50	24°57	21°50	12°14	T 25
W26	14 26 24	7°57'37	25°18	29°53	23°22	1°39	4°14	14°39	3° 2	9° 6	11°22	23°D50	24°54	21°57	12°10	W26
T 27	14 30 21	8°55'19	7♊53	1♊ 2	24°27	2°22	4°29	14°35	2°59	9° 8	11°22	23°51	24°51	22° 4	12° 5	T 27
F 28	14 34 17	9°52'59	20°42	2° 7	25°32	3° 5	4°43	14°30	2°57	9°10	11°22	23°51	24°47	22°10	12° 1	F 28
S 29	14 38 14	10°50'38	3♋45	3° 8	26°37	3°48	4°57	14°26	2°54	9°12	11°23	23°53	24°44	22°17	11°57	S 29
S 30	14 42 11	11♉48'15	17♋ 3	4♊ 5	27♓42	4♉31	5♉11	14♏21	2♏52	9♈14	11♌23	23♉54	24♉41	22♓24	11♏52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n29	25n59	2n32	5n16	0s30	11s52	0n33	4n52	0s29	10n 4	0s57	14s33	2n23	12s32	0n28	1n42	1s43	28n23	11n24	19n 2	19n26	8s40	16s 1	0n 5
S 2	5 51	26 55	3 29	6 15	0 19	11 37	0 27	5 10	0 29	10 9	0 57	14 32	2 23	12 31	0 28	1 42	1 43	28 22	11 23	19 2	19 26	8 37	16 0	0 5
M 3	6 14	26 18	4 17	7 14	0 9	11 23	0 21	5 28	0 28	10 14	0 57	14 31	2 23	12 30	0 28	1 43	1 43	28 22	11 23	19 2	19 25	8 35	15 58	0 5
T 4	6 37	24 4	4 52	8 12	0n 2	11 7	0 15	5 46	0 28	10 19	0 57	14 30	2 23	12 29	0 28	1 44	1 43	28 22	11 23	19 2	19 24	8 32	15 57	0 6
W 5	6 59	20 17	5 9	9 11	0 13	10 52	0 9	6 3	0 27	10 24	0 57	14 29	2 23	12 28	0 28	1 45	1 43	28 22	11 23	19 1	19 23	8 29	15 55	0 6
T 6	7 21	15 11	5 7	10 8	0 23	10 36	0 3	6 21	0 26	10 30	0 57	14 27	2 24	12 28	0 28	1 46	1 43	28 22	11 22	19 0	19 23	8 26	15 54	0 7
F 7	7 44	9 6	4 45	11 5	0 34	10 19	0s 2	6 38	0 26	10 35	0 57	14 26	2 24	12 27	0 28	1 47	1 43	28 22	11 22	18 59	19 22	8 23	15 52	0 7
S 8	8 6	2 26	4 2	12 0	0 45	10 2	0 8	6 56	0 25	10 40	0 57	14 25	2 24	12 26	0 28	1 48	1 43	28 22	11 22	18 58	19 21	8 20	15 51	0 8
S 9	8 28	4s24	3 3	12 54	0 55	9 45	0 13	7 13	0 25	10 45	0 57	14 24	2 24	12 25	0 28	1 49	1 43	28 22	11 22	18 57	19 20	8 17	15 49	0 8
M10	8 49	10 55	1 52	13 47	1 6	9 28	0 18	7 31	0 24	10 50	0 57	14 23	2 24	12 24	0 28	1 49	1 43	28 22	11 21	18 56	19 20	8 14	15 48	0 8
T 11	9 11	16 43	0 34	14 37	1 16	9 9	0 24	7 48	0 23	10 55	0 56	14 22	2 24	12 23	0 28	1 50	1 43	28 21	11 21	18 55	19 19	8 11	15 46	0 9
W12	9 33	21 26	0s44	15 26	1 25	8 51	0 29	8 5	0 23	11 0	0 56	14 20	2 24	12 23	0 28	1 51	1 43	28 21	11 21	18 56	19 18	8 8	15 45	0 9
T 13	9 54	24 47	1 56	16 13	1 34	8 32	0 33	8 22	0 22	11 5	0 56	14 19	2 24	12 22	0 28	1 52	1 43	28 21	11 21	18 56	19 17	8 5	15 43	0 10
F 14	10 15	26 37	3 1	16 57	1 43	8 13	0 38	8 39	0 22	11 10	0 56	14 18	2 24	12 21	0 28	1 53	1 43	28 21	11 20	18 56	19 17	8 2	15 41	0 10
S 15	10 36	26 55	3 54	17 39	1 51	7 53	0 43	8 56	0 21	11 15	0 56	14 17	2 24	12 20	0 28	1 54	1 43	28 21	11 20	18 57	19 16	7 59	15 40	0 10
S 16	10 57	25 49	4 34	18 19	1 58	7 34	0 47	9 12	0 20	11 20	0 56	14 16	2 24	12 19	0 28	1 54	1 43	28 21	11 20	18 57	19 15	7 56	15 38	0 11
M17	11 18	23 29	5 0	18 57	2 5	7 13	0 52	9 29	0 20	11 25	0 56	14 14	2 24	12 18	0 28	1 55	1 43	28 20	11 20	18 57	19 14	7 52	15 37	0 11
T 18	11 38	20 9	5 13	19 31	2 11	6 53	0 56	9 46	0 19	11 30	0 56	14 13	2 24	12 18	0 28	1 56	1 43	28 20	11 19	18 56	19 14	7 49	15 35	0 12
W19	11 59	16 2	5 12	20 4	2 16	6 32	1 0	10 2	0 19	11 35	0 56	14 12	2 24	12 17	0 28	1 57	1 43	28 20	11 19	18 56	19 13	7 46	15 33	0 12
T 20	12 19	11 21	4 57	20 34	2 20	6 11	1 4	10 18	0 18	11 40	0 56	14 11	2 24	12 16	0 28	1 58	1 44	28 20	11 19	18 55	19 12	7 43	15 31	0 13
F 21	12 39	6 15	4 30	21 1	2 24	5 49	1 8	10 35	0 17	11 45	0 56	14 9	2 24	12 15	0 28	1 59	1 44	28 19	11 19	18 54	19 11	7 40	15 30	0 13
S 22	12 59	0 54	3 51	21 26	2 27	5 28	1 12	10 51	0 17	11 50	0 56	14 8	2 24	12 14	0 28	1 59	1 44	28 19	11 18	18 53	19 11	7 37	15 28	0 13
S 23	13 18	4n31	3 2	21 48	2 29	5 5	1 16	11 7	0 16	11 55	0 56	14 7	2 24	12 13	0 28	2 0	1 44	28 19	11 18	18 53	19 10	7 34	15 26	0 14
M24	13 38	9 50	2 4	22 9	2 30	4 43	1 19	11 23	0 15	11 59	0 56	14 5	2 24	12 12	0 28	2 1	1 44	28 19	11 18	18 52	19 9	7 31	15 25	0 14
T 25	13 57	14 52	1 0	22 26	2 30	4 21	1 23	11 39	0 15	12 4	0 55	14 4	2 24	12 12	0 28	2 2	1 44	28 18	11 18	18 52	19 8	7 28	15 23	0 15
W26	14 16	19 21	0n 8	22 42	2 29	3 58	1 26	11 54	0 14	12 9	0 55	14 3	2 24	12 11	0 28	2 3	1 44	28 18	11 17	18 52	19 7	7 25	15 21	0 15
T 27	14 34	23 3	1 17	22 55	2 28	3 35	1 29	12 10	0 14	12 14	0 55	14 2	2 24	12 10	0 28	2 3	1 44	28 18	11 17	18 52	19 7	7 22	15 20	0 15
F 28	14 53	25 39	2 23	23 6	2 25	3 12	1 32	12 25	0 13	12 19	0 55	14 0	2 24	12 9	0 27	2 4	1 44	28 17	11 17	18 52	19 6	7 19	15 18	0 16
S 29	15 11	26 56	3 23	23 15	2 22	2 48	1 35	12 41	0 12	12 24	0 55	13 59	2 24	12 8	0 27	2 5	1 44	28 17	11 17	18 52	19 5	7 16	15 16	0 16
S 30	15n29	26n42	4n14	23n22	2n18	2s25	1s38	12n56	0s12	12n28	0s55	13s58	2n24	12s 7	0n27	2n 6	1s44	28n17	11n16	18n53	19n 4	7s13	15s14	0n17

Julian Day Number = 1983762.5, Delta T = 57m55s
Ecliptic obliquity = 23°36'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'01, Lahiri = 6°01'01 Julian Calendar 1 Apr. 719 == Greg. Calendar 5 Apr. 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

MAY 719 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 46 7	12♉45'51	0♌38	4♊58	28♓48	5♉14	5♉25	14°R17	2°R50	9♈16	11♌23	23♉54	24♉38	22♓31	11°R48	M 1
T 2	14 50 4	13°43'26	14°29	5°47	29°54	5°57	5°39	14♏12	2♏47	9°18	11°24	23°R54	24°35	22°37	11♏44	T 2
W 3	14 54 0	14°40'58	28°38	6°31	1♈ 0	6°39	5°53	14° 8	2°45	9°20	11°24	23°54	24°31	22°44	11°39	W 3
T 4	14 57 57	15°38'29	13♍ 1	7°11	2° 6	7°22	6° 7	14° 3	2°42	9°22	11°24	23°54	24°28	22°51	11°35	T 4
F 5	15 1 53	16°35'59	27°36	7°47	3°12	8° 5	6°21	13°59	2°40	9°23	11°25	23°53	24°25	22°57	11°31	F 5
S 6	15 5 50	17°33'27	12♎18	8°18	4°18	8°48	6°35	13°55	2°37	9°25	11°25	23°52	24°22	23° 4	11°27	S 6
S 7	15 9 46	18°30'54	27° 0	8°45	5°25	9°30	6°49	13°50	2°35	9°27	11°26	23°52	24°19	23°11	11°22	S 7
M 8	15 13 43	19°28'20	11♏36	9° 7	6°31	10°13	7° 3	13°46	2°33	9°29	11°26	23°51	24°16	23°17	11°18	M 8
T 9	15 17 40	20°25'45	26° 0	9°24	7°38	10°55	7°17	13°41	2°30	9°31	11°27	23°D51	24°12	23°24	11°14	T 9
W10	15 21 36	21°23'09	10♐ 7	9°37	8°45	11°38	7°31	13°37	2°28	9°33	11°27	23°51	24° 9	23°31	11°10	W10
T 11	15 25 33	22°20'32	23°52	9°45	9°52	12°20	7°45	13°33	2°26	9°34	11°28	23°51	24° 6	23°38	11° 5	T 11
F 12	15 29 29	23°17'54	7♑14	9°R48	10°59	13° 2	7°59	13°28	2°23	9°36	11°28	23°51	24° 3	23°44	11° 1	F 12
S 13	15 33 26	24°15'16	20°13	9°47	12° 6	13°45	8°13	13°24	2°21	9°38	11°29	23°R52	24° 0	23°51	10°57	S 13
S 14	15 37 22	25°12'36	2♒51	9°41	13°14	14°27	8°27	13°20	2°19	9°40	11°30	23°51	23°57	23°58	10°53	S 14
M15	15 41 19	26° 9'56	15°12	9°32	14°21	15° 9	8°41	13°15	2°16	9°41	11°31	23°51	23°53	24° 4	10°49	M15
T 16	15 45 15	27° 7'16	27°18	9°18	15°29	15°51	8°55	13°11	2°14	9°43	11°31	23°D51	23°50	24°11	10°45	T 16
W17	15 49 12	28° 4'35	9♓15	9° 0	16°37	16°33	9° 8	13° 7	2°12	9°45	11°32	23°51	23°47	24°18	10°41	W17
T 18	15 53 9	29° 1'53	21° 8	8°38	17°45	17°15	9°22	13° 3	2°10	9°46	11°33	23°52	23°44	24°25	10°37	T 18
F 19	15 57 5	29°59'11	3♈ 0	8°14	18°53	17°57	9°36	12°58	2° 8	9°48	11°34	23°52	23°41	24°31	10°33	F 19
S 20	16 1 2	0♊56'28	14°55	7°46	20° 1	18°39	9°50	12°54	2° 6	9°50	11°34	23°53	23°37	24°38	10°29	S 20
S 21	16 4 58	1°53'45	26°58	7°17	21° 9	19°21	10° 3	12°50	2° 4	9°51	11°35	23°54	23°34	24°45	10°25	S 21
M22	16 8 55	2°51'01	9♉12	6°45	22°17	20° 3	10°17	12°46	2° 2	9°53	11°36	23°54	23°31	24°51	10°21	M22
T 23	16 12 51	3°48'17	21°39	6°12	23°26	20°45	10°30	12°42	2° 0	9°54	11°37	23°R55	23°28	24°58	10°18	T 23
W24	16 16 48	4°45'33	4♊19	5°38	24°34	21°27	10°44	12°38	1°58	9°56	11°38	23°54	23°25	25° 5	10°14	W24
T 25	16 20 44	5°42'48	17°16	5° 4	25°43	22° 8	10°57	12°34	1°56	9°57	11°39	23°54	23°22	25°11	10°10	T 25
F 26	16 24 41	6°40'02	0♋27	4°31	26°51	22°50	11°11	12°30	1°54	9°59	11°40	23°52	23°18	25°18	10° 7	F 26
S 27	16 28 38	7°37'16	13°52	3°58	28° 0	23°31	11°24	12°27	1°52	10° 0	11°41	23°51	23°15	25°25	10° 3	S 27
S 28	16 32 34	8°34'29	27°31	3°27	29° 9	24°13	11°38	12°23	1°50	10° 1	11°42	23°49	23°12	25°32	10° 0	S 28
M29	16 36 31	9°31'41	11♌21	2°58	0♉18	24°54	11°51	12°19	1°48	10° 3	11°43	23°47	23° 9	25°38	9°57	M29
T 30	16 40 27	10°28'53	25°21	2°31	1°27	25°36	12° 4	12°15	1°46	10° 4	11°44	23°46	23° 6	25°45	9°53	T 30
W31	16 44 24	11♊26'04	9♍29	2♊ 8	2♉36	26♉17	12♉17	12♏12	1♏45	10♈ 5	11♌45	23°D45	23♉ 2	25♓52	9♏50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n47	24n53	4n51	23n27	2n12	2s 1	1s40	13n11	0s11	12n33	0s55	13s57	2n24	12s 6	0n27	2n 6	1s44	28n16	11n16	18n53	19n 4	7s10	15s13	0n17
T 2	16 4	21 34	5 12	23 29	2 6	1 37	1 43	13 26	0 10	12 38	0 55	13 55	2 24	12 6	0 27	2 7	1 44	28 16	11 16	18 53	19 3	7 7	15 11	0 17
W 3	16 21	16 57	5 15	23 30	1 59	1 13	1 45	13 41	0 10	12 43	0 55	13 54	2 24	12 5	0 27	2 8	1 44	28 16	11 15	18 53	19 2	7 4	15 9	0 18
T 4	16 38	11 19	4 59	23 29	1 51	0 48	1 48	13 55	0 9	12 47	0 55	13 53	2 24	12 4	0 27	2 9	1 44	28 15	11 15	18 53	19 1	7 1	15 7	0 18
F 5	16 55	4 59	4 24	23 26	1 42	0 24	1 50	14 10	0 9	12 52	0 55	13 51	2 24	12 3	0 27	2 9	1 44	28 15	11 15	18 52	19 0	6 58	15 6	0 19
S 6	17 11	1s40	3 30	23 22	1 32	0n 1	1 52	14 24	0 8	12 57	0 55	13 50	2 24	12 2	0 27	2 10	1 44	28 15	11 15	18 52	19 0	6 55	15 4	0 19
S 7	17 27	8 15	2 23	23 15	1 21	0 25	1 54	14 38	0 7	13 1	0 55	13 49	2 24	12 2	0 27	2 11	1 44	28 14	11 14	18 52	18 59	6 52	15 2	0 20
M 8	17 43	14 21	1 7	23 7	1 10	0 50	1 56	14 53	0 7	13 6	0 55	13 48	2 24	12 1	0 27	2 11	1 44	28 14	11 14	18 52	18 58	6 49	15 1	0 20
T 9	17 59	19 35	0s12	22 57	0 57	1 15	1 58	15 7	0 6	13 11	0 55	13 46	2 24	12 0	0 27	2 12	1 44	28 13	11 14	18 52	18 57	6 45	14 59	0 20
W10	18 14	23 35	1 29	22 46	0 44	1 40	1 59	15 20	0 5	13 15	0 55	13 45	2 24	11 59	0 27	2 13	1 44	28 13	11 14	18 52	18 56	6 42	14 57	0 21
T 11	18 29	26 6	2 39	22 34	0 30	2 5	2 1	15 34	0 5	13 20	0 55	13 44	2 23	11 58	0 27	2 13	1 44	28 13	11 13	18 52	18 56	6 39	14 55	0 21
F 12	18 44	27 2	3 38	22 19	0 15	2 30	2 2	15 48	0 4	13 24	0 55	13 43	2 23	11 58	0 27	2 14	1 44	28 12	11 13	18 52	18 55	6 36	14 54	0 22
S 13	18 58	26 25	4 24	22 4	0s 0	2 55	2 4	16 1	0 4	13 29	0 55	13 42	2 23	11 57	0 27	2 15	1 44	28 12	11 13	18 52	18 54	6 33	14 52	0 22
S 14	19 12	24 27	4 56	21 47	0 16	3 21	2 5	16 14	0 3	13 33	0 55	13 40	2 23	11 56	0 27	2 15	1 44	28 11	11 13	18 52	18 53	6 30	14 50	0 22
M15	19 26	21 22	5 13	21 30	0 33	3 46	2 6	16 27	0 2	13 38	0 55	13 39	2 23	11 55	0 27	2 16	1 44	28 11	11 12	18 52	18 53	6 27	14 49	0 23
T 16	19 39	17 26	5 16	21 11	0 49	4 11	2 7	16 40	0 2	13 42	0 55	13 38	2 23	11 55	0 27	2 17	1 44	28 10	11 12	18 52	18 52	6 24	14 47	0 23
W17	19 52	12 52	5 6	20 52	1 6	4 37	2 8	16 53	0 1	13 47	0 55	13 37	2 23	11 54	0 27	2 17	1 44	28 10	11 12	18 52	18 51	6 21	14 46	0 24
T 18	20 5	7 51	4 42	20 31	1 23	5 2	2 8	17 6	0 0	13 51	0 55	13 36	2 23	11 53	0 27	2 18	1 45	28 9	11 12	18 52	18 50	6 18	14 44	0 24
F 19	20 17	2 34	4 6	20 11	1 41	5 27	2 9	17 18	0n 0	13 56	0 55	13 35	2 23	11 52	0 27	2 18	1 45	28 9	11 11	18 52	18 49	6 15	14 42	0 24
S 20	20 29	2n51	3 20	19 50	1 57	5 53	2 10	17 31	0 1	14 0	0 55	13 33	2 23	11 52	0 27	2 19	1 45	28 9	11 11	18 52	18 49	6 12	14 41	0 25
S 21	20 41	8 14	2 24	19 28	2 14	6 18	2 10	17 43	0 1	14 4	0 55	13 32	2 22	11 51	0 27	2 20	1 45	28 8	11 11	18 53	18 48	6 8	14 39	0 25
M22	20 52	13 23	1 21	19 7	2 30	6 43	2 10	17 55	0 2	14 9	0 55	13 31	2 22	11 50	0 27	2 20	1 45	28 8	11 11	18 53	18 47	6 5	14 38	0 25
T 23	21 3	18 6	0 13	18 47	2 45	7 8	2 11	18 7	0 3	14 13	0 55	13 30	2 22	11 50	0 27	2 21	1 45	28 7	11 10	18 53	18 46	6 2	14 36	0 26
W24	21 14	22 6	0n57	18 26	3 0	7 33	2 11	18 18	0 3	14 17	0 55	13 29	2 22	11 49	0 27	2 21	1 45	28 7	11 10	18 53	18 45	5 59	14 35	0 26
T 25	21 24	25 4	2 6	18 7	3 14	7 58	2 11	18 30	0 4	14 21	0 55	13 28	2 22	11 48	0 27	2 22	1 45	28 6	11 10	18 53	18 45	5 56	14 33	0 27
F 26	21 34	26 45	3 8	17 48	3 27	8 23	2 11	18 41	0 5	14 25	0 55	13 27	2 22	11 48	0 27	2 22	1 45	28 6	11 10	18 52	18 44	5 53	14 32	0 27
S 27	21 44	26 53	4 2	17 31	3 38	8 48	2 11	18 52	0 5	14 30	0 54	13 26	2 22	11 47	0 27	2 23	1 45	28 5	11 10	18 52	18 43	5 50	14 30	0 27
S 28	21 53	25 25	4 43	17 15	3 48	9 13	2 10	19 3	0 6	14 34	0 54	13 25	2 21	11 46	0 27	2 23	1 45	28 4	11 9	18 51	18 42	5 47	14 29	0 28
M29	22 2	22 25	5 8	17 1	3 57	9 38	2 10	19 14	0 7	14 38	0 54	13 24	2 21	11 46	0 27	2 24	1 45	28 4	11 9	18 51	18 41	5 44	14 27	0 28
T 30	22 10	18 6	5 15	16 48	4 5	10 2	2 10	19 25	0 7	14 42	0 54	13 23	2 21	11 45	0 27	2 24	1 45	28 3	11 9	18 51	18 41	5 40	14 26	0 29
W31	22n19	12n45	5n 4	16n38	4s11	10n26	2s 9	19n35	0n 8	14n46	0s54	13s22	2n21	11s45	0n27	2n25	1s45	28n 3	11n 9	18n51	18n40	5s37	14s24	0n29

Julian Day Number = 1983792.5, Delta T = 57m54s
Ecliptic obliquity = 23°36'22, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'05, Lahiri = 6°01'06 Julian Calendar 1 May 719 == Greg. Calendar 5 May 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

JUNE 719 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 48 20	12♊23'14	23♍43	1°R47	3♉45	26♉59	12♉30	12°R 8	1°R43	10♈ 7	11♘47	23♉46	22♉59	25♓58	9°R47	T 1
F 2	16 52 17	13°20'24	8♎ 0	1♊31	4°54	27°40	12°44	12♏ 5	1♏41	10° 8	11°48	23°47	22°56	26° 5	9♏44	F 2
S 3	16 56 13	14°17'33	22°18	1°19	6° 3	28°21	12°57	12° 1	1°40	10° 9	11°49	23°48	22°53	26°12	9°41	S 3
S 4	17 0 10	15°14'41	6♏33	1°10	7°13	29° 2	13°10	11°58	1°38	10°10	11°50	23°49	22°50	26°18	9°38	S 4
M 5	17 4 7	16°11'50	20°43	1°D 7	8°22	29°43	13°23	11°55	1°36	10°11	11°51	23°R50	22°47	26°25	9°35	M 5
T 6	17 8 3	17° 8'58	4♐43	1° 8	9°32	0♊24	13°36	11°51	1°35	10°13	11°53	23°49	22°43	26°32	9°32	T 6
W 7	17 12 0	18° 6'06	18°31	1°14	10°41	1° 5	13°48	11°48	1°33	10°14	11°54	23°48	22°40	26°39	9°29	W 7
T 8	17 15 56	19° 3'13	2♑ 2	1°24	11°51	1°46	14° 1	11°45	1°32	10°15	11°55	23°45	22°37	26°45	9°27	T 8
F 9	17 19 53	20° 0'21	15°16	1°40	13° 1	2°27	14°14	11°42	1°31	10°16	11°57	23°42	22°34	26°52	9°24	F 9
S 10	17 23 49	20°57'29	28°11	2° 1	14°11	3° 8	14°27	11°39	1°29	10°17	11°58	23°38	22°31	26°59	9°21	S 10
S 11	17 27 46	21°54'37	10♒48	2°26	15°21	3°49	14°39	11°36	1°28	10°18	11°59	23°33	22°28	27° 5	9°19	S 11
M12	17 31 43	22°51'45	23° 9	2°57	16°31	4°30	14°52	11°34	1°27	10°19	12° 1	23°30	22°24	27°12	9°17	M12
T 13	17 35 39	23°48'54	5♓16	3°32	17°41	5°11	15° 4	11°31	1°25	10°20	12° 2	23°27	22°21	27°19	9°14	T 13
W14	17 39 36	24°46'02	17°14	4°12	18°51	5°51	15°17	11°28	1°24	10°21	12° 3	23°25	22°18	27°25	9°12	W14
T 15	17 43 32	25°43'11	29° 6	4°57	20° 1	6°32	15°29	11°26	1°23	10°22	12° 5	23°D25	22°15	27°32	9°10	T 15
F 16	17 47 29	26°40'21	10♈58	5°47	21°11	7°12	15°41	11°23	1°22	10°22	12° 6	23°26	22°12	27°39	9° 8	F 16
S 17	17 51 25	27°37'31	22°55	6°41	22°22	7°53	15°53	11°21	1°21	10°23	12° 8	23°27	22° 8	27°46	9° 6	S 17
S 18	17 55 22	28°34'41	5♉ 1	7°40	23°32	8°34	16° 6	11°18	1°20	10°24	12° 9	23°29	22° 5	27°52	9° 4	S 18
M19	17 59 18	29°31'52	17°21	8°43	24°42	9°14	16°18	11°16	1°19	10°25	12°11	23°R30	22° 2	27°59	9° 3	M19
T 20	18 3 15	0♋29'04	29°57	9°52	25°53	9°54	16°30	11°14	1°18	10°25	12°13	23°30	21°59	28° 6	9° 1	T 20
W21	18 7 12	1°26'16	12♊53	11° 4	27° 4	10°35	16°42	11°12	1°17	10°26	12°14	23°29	21°56	28°12	8°59	W21
T 22	18 11 8	2°23'28	26° 9	12°21	28°14	11°15	16°54	11°10	1°17	10°27	12°16	23°25	21°53	28°19	8°58	T 22
F 23	18 15 5	3°20'41	9♋44	13°42	29°25	11°55	17° 5	11° 8	1°16	10°27	12°17	23°20	21°49	28°26	8°56	F 23
S 24	18 19 1	4°17'55	23°36	15° 8	0♊36	12°36	17°17	11° 6	1°15	10°28	12°19	23°14	21°46	28°32	8°55	S 24
S 25	18 22 58	5°15'08	7♌41	16°37	1°47	13°16	17°29	11° 5	1°14	10°29	12°21	23° 8	21°43	28°39	8°54	S 25
M26	18 26 54	6°12'22	21°55	18°11	2°58	13°56	17°40	11° 3	1°14	10°29	12°22	23° 2	21°40	28°46	8°53	M26
T 27	18 30 51	7° 9'36	6♍13	19°48	4° 9	14°36	17°52	11° 1	1°13	10°30	12°24	22°57	21°37	28°53	8°52	T 27
W28	18 34 47	8° 6'51	20°31	21°29	5°20	15°16	18° 3	11° 0	1°13	10°30	12°26	22°54	21°34	28°59	8°51	W28
T 29	18 38 44	9° 4'05	4♎46	23°14	6°31	15°56	18°14	10°59	1°12	10°30	12°27	22°D52	21°30	29° 6	8°50	T 29
F 30	18 42 41	10♋ 1'20	18♎54	25♊ 2	7♊42	16♊36	18♉25	10♏57	1♏12	10♈31	12♘29	22♉52	21♉27	29♓13	8♏50	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n26	6n42	4n34	16n29	4s16	10n50	2s 8	19n45	0n 8	14n50	0s54	13s21	2n21	11s44	0n27	2n25	1s45	28n 2	11n 8	18n51	18n39	5s34	14s23	0n29
F 2	22 34	0 16	3 46	16 22	4 20	11 14	2 8	19 55	0 9	14 54	0 54	13 20	2 21	11 43	0 27	2 26	1 45	28 2	11 8	18 51	18 38	5 31	14 22	0 30
S 3	22 40	6s11	2 45	16 18	4 22	11 38	2 7	20 5	0 10	14 58	0 54	13 19	2 20	11 43	0 27	2 26	1 45	28 1	11 8	18 51	18 37	5 28	14 20	0 30
S 4	22 47	12 19	1 34	16 15	4 22	12 2	2 6	20 15	0 10	15 2	0 54	13 19	2 20	11 42	0 27	2 26	1 45	28 1	11 8	18 51	18 36	5 25	14 19	0 30
M 5	22 53	17 47	0 17	16 15	4 22	12 25	2 5	20 25	0 11	15 6	0 55	13 18	2 20	11 42	0 27	2 27	1 45	28 0	11 8	18 52	18 36	5 22	14 18	0 31
T 6	22 59	22 12	1s 0	16 17	4 20	12 48	2 4	20 34	0 12	15 10	0 55	13 17	2 20	11 41	0 27	2 27	1 46	28 0	11 7	18 52	18 35	5 19	14 17	0 31
W 7	23 4	25 17	2 12	16 21	4 17	13 11	2 3	20 43	0 12	15 14	0 55	13 16	2 20	11 41	0 27	2 28	1 46	27 59	11 7	18 51	18 34	5 15	14 15	0 31
T 8	23 9	26 50	3 15	16 28	4 13	13 34	2 2	20 52	0 13	15 17	0 55	13 15	2 19	11 40	0 27	2 28	1 46	27 58	11 7	18 51	18 33	5 12	14 14	0 32
F 9	23 14	26 47	4 6	16 36	4 8	13 56	2 1	21 1	0 13	15 21	0 55	13 15	2 19	11 40	0 27	2 28	1 46	27 58	11 7	18 50	18 32	5 9	14 13	0 32
S 10	23 18	25 17	4 43	16 46	4 1	14 18	1 59	21 10	0 14	15 25	0 55	13 14	2 19	11 39	0 27	2 29	1 46	27 57	11 7	18 49	18 32	5 6	14 12	0 33
S 11	23 21	22 32	5 5	16 58	3 54	14 40	1 58	21 18	0 15	15 29	0 55	13 13	2 19	11 39	0 27	2 29	1 46	27 57	11 7	18 48	18 31	5 3	14 11	0 33
M12	23 25	18 49	5 13	17 11	3 46	15 2	1 56	21 26	0 15	15 32	0 55	13 13	2 19	11 39	0 27	2 29	1 46	27 56	11 6	18 47	18 30	5 0	14 10	0 33
T 13	23 28	14 23	5 6	17 27	3 38	15 23	1 55	21 34	0 16	15 36	0 55	13 12	2 18	11 38	0 27	2 30	1 46	27 56	11 6	18 46	18 29	4 57	14 9	0 34
W14	23 30	9 28	4 46	17 43	3 28	15 44	1 53	21 42	0 17	15 40	0 55	13 11	2 18	11 38	0 27	2 30	1 46	27 55	11 6	18 46	18 28	4 53	14 8	0 34
T 15	23 32	4 15	4 14	18 2	3 18	16 5	1 51	21 50	0 17	15 43	0 55	13 11	2 18	11 37	0 26	2 30	1 46	27 54	11 6	18 45	18 28	4 50	14 7	0 34
F 16	23 34	1n 8	3 31	18 21	3 7	16 25	1 50	21 58	0 18	15 47	0 55	13 10	2 18	11 37	0 26	2 31	1 46	27 54	11 6	18 46	18 27	4 47	14 6	0 35
S 17	23 35	6 31	2 39	18 41	2 56	16 45	1 48	22 5	0 18	15 50	0 55	13 10	2 18	11 37	0 26	2 31	1 46	27 53	11 6	18 46	18 26	4 44	14 5	0 35
S 18	23 36	11 44	1 39	19 2	2 44	17 5	1 46	22 12	0 19	15 54	0 55	13 9	2 17	11 36	0 26	2 31	1 46	27 53	11 5	18 46	18 25	4 41	14 4	0 35
M19	23 36	16 36	0 34	19 24	2 32	17 24	1 44	22 19	0 20	15 57	0 55	13 9	2 17	11 36	0 26	2 31	1 46	27 52	11 5	18 47	18 24	4 38	14 3	0 36
T 20	23 36	20 51	0n35	19 47	2 20	17 43	1 42	22 26	0 20	16 1	0 55	13 8	2 17	11 36	0 26	2 32	1 46	27 51	11 5	18 47	18 23	4 35	14 2	0 36
W21	23 36	24 13	1 43	20 10	2 7	18 1	1 40	22 32	0 21	16 4	0 55	13 8	2 17	11 36	0 26	2 32	1 46	27 51	11 5	18 46	18 23	4 31	14 1	0 36
T 22	23 35	26 21	2 48	20 33	1 54	18 19	1 38	22 38	0 22	16 7	0 55	13 7	2 16	11 35	0 26	2 32	1 47	27 50	11 5	18 45	18 22	4 28	14 0	0 37
F 23	23 34	26 58	3 44	20 56	1 41	18 36	1 36	22 45	0 22	16 11	0 55	13 7	2 16	11 35	0 26	2 32	1 47	27 50	11 5	18 44	18 21	4 25	14 0	0 37
S 24	23 32	25 56	4 29	21 19	1 28	18 54	1 34	22 51	0 23	16 14	0 55	13 7	2 16	11 35	0 26	2 32	1 47	27 49	11 5	18 43	18 20	4 22	13 59	0 37
S 25	23 30	23 16	4 58	21 42	1 14	19 10	1 31	22 56	0 23	16 17	0 55	13 6	2 16	11 35	0 26	2 32	1 47	27 48	11 4	18 41	18 19	4 19	13 58	0 38
M26	23 28	19 9	5 9	22 4	1 1	19 26	1 29	23 2	0 24	16 20	0 55	13 6	2 15	11 34	0 26	2 33	1 47	27 48	11 4	18 39	18 18	4 16	13 57	0 38
T 27	23 25	13 56	5 0	22 25	0 48	19 42	1 27	23 7	0 25	16 24	0 55	13 6	2 15	11 34	0 26	2 33	1 47	27 47	11 4	18 38	18 18	4 12	13 57	0 38
W28	23 21	7 58	4 34	22 45	0 35	19 57	1 24	23 12	0 25	16 27	0 55	13 6	2 15	11 34	0 26	2 33	1 47	27 47	11 4	18 37	18 17	4 9	13 56	0 39
T 29	23 18	1 37	3 50	23 4	0 22	20 12	1 22	23 17	0 26	16 30	0 55	13 5	2 15	11 34	0 26	2 33	1 47	27 46	11 4	18 37	18 16	4 6	13 56	0 39
F 30	23n13	4s47	2n53	23n21	0s10	20n26	1s19	23n22	0n27	16n33	0s55	13s 5	2n14	11s34	0n26	2n33	1s47	27n45	11n 4	18n37	18n15	4s 3	13s55	0n39

Julian Day Number = 1983823.5, Delta T = 57m53s
Ecliptic obliquity = 23°36'22, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'09, Lahiri = 6°01'10 Julian Calendar 1 June 719 == Greg. Calendar 5 June 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

JULY 719 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 46 37	10♋58'36	2♏56	26♊53	8♊53	17♊16	18♉36	10°R56	1°R12	10♈31	12♌31	22♉53	21♉24	29♓19	8°R49	S 1
S 2	18 50 34	11°55'51	16°49	28°47	10° 4	17°56	18°47	10♏55	1♏11	10°32	12°32	22°R54	21°21	29°26	8♏48	S 2
M 3	18 54 30	12°53'08	0♐34	0♋43	11°16	18°35	18°58	10°54	1°11	10°32	12°34	22°54	21°18	29°33	8°48	M 3
T 4	18 58 27	13°50'24	14° 8	2°42	12°27	19°15	19° 9	10°53	1°11	10°32	12°36	22°52	21°14	29°39	8°48	T 4
W 5	19 2 23	14°47'42	27°32	4°43	13°39	19°55	19°20	10°52	1°11	10°32	12°38	22°48	21°11	29°46	8°48	W 5
T 6	19 6 20	15°45'00	10♑44	6°45	14°50	20°34	19°31	10°52	1°11	10°33	12°40	22°42	21° 8	29°53	8°47	T 6
F 7	19 10 17	16°42'19	23°42	8°49	16° 2	21°14	19°41	10°51	1°D11	10°33	12°41	22°33	21° 5	29°59	8°D47	F 7
S 8	19 14 13	17°39'39	6♒26	10°54	17°13	21°53	19°51	10°51	1°11	10°33	12°43	22°24	21° 2	0♈ 6	8°48	S 8
S 9	19 18 10	18°37'00	18°55	12°59	18°25	22°33	20° 2	10°50	1°11	10°33	12°45	22°14	20°59	0°13	8°48	S 9
M10	19 22 6	19°34'22	1♓11	15° 4	19°37	23°12	20°12	10°50	1°11	10°33	12°47	22° 5	20°55	0°20	8°48	M10
T 11	19 26 3	20°31'45	13°16	17°10	20°49	23°52	20°22	10°50	1°11	10°33	12°49	21°57	20°52	0°26	8°48	T 11
W12	19 29 59	21°29'09	25°12	19°15	22° 0	24°31	20°32	10°50	1°11	10°R33	12°51	21°52	20°49	0°33	8°49	W12
T 13	19 33 56	22°26'34	7♈ 3	21°20	23°12	25°11	20°42	10°D50	1°11	10°33	12°52	21°48	20°46	0°40	8°49	T 13
F 14	19 37 52	23°24'01	18°54	23°25	24°24	25°50	20°52	10°50	1°12	10°33	12°54	21°D47	20°43	0°46	8°50	F 14
S 15	19 41 49	24°21'29	0♉49	25°28	25°36	26°29	21° 1	10°50	1°12	10°33	12°56	21°47	20°40	0°53	8°51	S 15
S 16	19 45 46	25°18'58	12°55	27°30	26°48	27° 8	21°11	10°50	1°12	10°33	12°58	21°47	20°36	1° 0	8°52	S 16
M17	19 49 42	26°16'29	25°16	29°32	28° 1	27°47	21°20	10°50	1°13	10°33	13° 0	21°R48	20°33	1° 6	8°53	M17
T 18	19 53 39	27°14'02	7♊57	1♌32	29°13	28°27	21°30	10°51	1°13	10°32	13° 2	21°46	20°30	1°13	8°54	T 18
W19	19 57 35	28°11'35	21° 1	3°31	0♋25	29° 6	21°39	10°51	1°14	10°32	13° 4	21°43	20°27	1°20	8°55	W19
T 20	20 1 32	29° 9'11	4♋30	5°28	1°37	29°45	21°48	10°52	1°15	10°32	13° 6	21°37	20°24	1°26	8°56	T 20
F 21	20 5 28	0♌ 6'47	18°24	7°25	2°50	0♋24	21°57	10°53	1°15	10°32	13° 8	21°29	20°20	1°33	8°58	F 21
S 22	20 9 25	1° 4'25	2♌39	9°19	4° 2	1° 3	22° 6	10°54	1°16	10°31	13°10	21°19	20°17	1°40	8°59	S 22
S 23	20 13 21	2° 2'04	17°11	11°13	5°15	1°41	22°15	10°55	1°17	10°31	13°12	21° 9	20°14	1°47	9° 1	S 23
M24	20 17 18	2°59'44	1♍52	13° 5	6°27	2°20	22°23	10°56	1°18	10°31	13°14	20°59	20°11	1°53	9° 3	M24
T 25	20 21 15	3°57'26	16°34	14°55	7°40	2°59	22°32	10°57	1°19	10°30	13°16	20°50	20° 8	2° 0	9° 4	T 25
W26	20 25 11	4°55'08	1♎10	16°44	8°53	3°38	22°40	10°58	1°19	10°30	13°18	20°44	20° 5	2° 7	9° 6	W26
T 27	20 29 8	5°52'52	15°35	18°32	10° 5	4°16	22°48	10°59	1°20	10°29	13°20	20°41	20° 1	2°13	9° 8	T 27
F 28	20 33 4	6°50'37	29°47	20°18	11°18	4°55	22°56	11° 1	1°22	10°29	13°21	20°39	19°58	2°20	9°10	F 28
S 29	20 37 1	7°48'23	13♏43	22° 3	12°31	5°34	23° 4	11° 2	1°23	10°28	13°23	20°39	19°55	2°27	9°13	S 29
S 30	20 40 57	8°46'10	27°24	23°46	13°44	6°12	23°12	11° 4	1°24	10°28	13°25	20°39	19°52	2°33	9°15	S 30
M31	20 44 54	9♌43'58	10♐51	25♌28	14♋57	6♋51	23♉20	11♏ 5	1♏25	10♈27	13♌27	20♉38	19♉49	2♈40	9♏17	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 9	10s55	1n46	23n36	0n 2	20n40	1s17	23n27	0n27	16n36	0s55	13s 5	2n14	11s34	0n26	2n33	1s47	27n45	11n 4	18n37	18n14	4s 0	13s55	0n40
S 2	23 4	16 27	0 33	23 50	0 14	20 53	1 14	23 31	0 28	16 39	0 55	13 5	2 14	11 34	0 26	2 33	1 47	27 44	11 4	18 38	18 13	3 56	13 54	0 40
M 3	22 59	21 5	0s41	24 1	0 25	21 6	1 12	23 35	0 28	16 42	0 55	13 5	2 14	11 34	0 26	2 33	1 47	27 43	11 4	18 38	18 13	3 53	13 54	0 40
T 4	22 53	24 30	1 52	24 10	0 36	21 18	1 9	23 39	0 29	16 45	0 55	13 5	2 13	11 34	0 26	2 33	1 47	27 43	11 4	18 37	18 12	3 50	13 53	0 41
W 5	22 47	26 30	2 55	24 17	0 46	21 30	1 7	23 43	0 30	16 48	0 55	13 5	2 13	11 34	0 26	2 33	1 47	27 42	11 3	18 36	18 11	3 47	13 53	0 41
T 6	22 40	26 57	3 48	24 21	0 55	21 41	1 4	23 46	0 30	16 51	0 55	13 5	2 13	11 34	0 26	2 33	1 47	27 42	11 3	18 34	18 10	3 44	13 53	0 41
F 7	22 33	25 54	4 27	24 22	1 3	21 51	1 1	23 50	0 31	16 53	0 55	13 5	2 13	11 34	0 26	2 33	1 47	27 41	11 3	18 32	18 9	3 41	13 52	0 42
S 8	22 26	23 31	4 53	24 20	1 11	22 1	0 58	23 53	0 32	16 56	0 56	13 5	2 12	11 34	0 26	2 33	1 48	27 40	11 3	18 30	18 8	3 37	13 52	0 42
S 9	22 18	20 4	5 4	24 16	1 18	22 10	0 56	23 56	0 32	16 59	0 56	13 5	2 12	11 34	0 26	2 33	1 48	27 40	11 3	18 27	18 8	3 34	13 52	0 42
M10	22 10	15 48	5 1	24 9	1 25	22 19	0 53	23 59	0 33	17 2	0 56	13 5	2 12	11 34	0 26	2 33	1 48	27 39	11 3	18 25	18 7	3 31	13 52	0 42
T 11	22 2	10 59	4 44	23 59	1 30	22 27	0 50	24 1	0 33	17 4	0 56	13 6	2 12	11 34	0 26	2 33	1 48	27 39	11 3	18 23	18 6	3 28	13 52	0 43
W12	21 53	5 49	4 15	23 47	1 35	22 35	0 47	24 3	0 34	17 7	0 56	13 6	2 11	11 34	0 26	2 33	1 48	27 38	11 3	18 21	18 5	3 25	13 51	0 43
T 13	21 43	0 29	3 35	23 31	1 39	22 41	0 45	24 6	0 35	17 9	0 56	13 6	2 11	11 34	0 26	2 33	1 48	27 37	11 3	18 21	18 4	3 21	13 51	0 43
F 14	21 34	4n53	2 46	23 14	1 42	22 48	0 42	24 8	0 35	17 12	0 56	13 6	2 11	11 34	0 26	2 33	1 48	27 37	11 3	18 20	18 3	3 18	13 51	0 44
S 15	21 24	10 8	1 50	22 54	1 44	22 53	0 39	24 9	0 36	17 14	0 56	13 7	2 11	11 34	0 26	2 33	1 48	27 36	11 3	18 20	18 2	3 15	13 51	0 44
S 16	21 13	15 4	0 47	22 32	1 46	22 58	0 36	24 11	0 36	17 17	0 56	13 7	2 10	11 35	0 26	2 33	1 48	27 36	11 3	18 20	18 2	3 12	13 51	0 44
M17	21 3	19 31	0n19	22 8	1 47	23 2	0 33	24 12	0 37	17 19	0 56	13 7	2 10	11 35	0 26	2 33	1 48	27 35	11 3	18 20	18 1	3 9	13 51	0 45
T 18	20 51	23 11	1 25	21 42	1 47	23 6	0 30	24 14	0 38	17 22	0 56	13 8	2 10	11 35	0 25	2 33	1 48	27 34	11 3	18 20	18 0	3 5	13 51	0 45
W19	20 40	25 46	2 29	21 14	1 47	23 9	0 28	24 15	0 38	17 24	0 56	13 8	2 10	11 35	0 25	2 32	1 48	27 34	11 3	18 19	17 59	3 2	13 51	0 45
T 20	20 28	26 58	3 26	20 45	1 46	23 11	0 25	24 15	0 39	17 26	0 56	13 8	2 9	11 35	0 25	2 32	1 48	27 33	11 3	18 18	17 58	2 59	13 52	0 45
F 21	20 16	26 31	4 14	20 14	1 44	23 13	0 22	24 16	0 40	17 29	0 56	13 9	2 9	11 36	0 25	2 32	1 48	27 33	11 3	18 16	17 57	2 56	13 52	0 46
S 22	20 4	24 20	4 46	19 41	1 42	23 14	0 19	24 16	0 40	17 31	0 56	13 9	2 9	11 36	0 25	2 32	1 48	27 32	11 3	18 13	17 57	2 53	13 52	0 46
S 23	19 51	20 34	5 1	19 8	1 40	23 14	0 16	24 16	0 41	17 33	0 56	13 10	2 9	11 36	0 25	2 32	1 48	27 31	11 3	18 10	17 56	2 49	13 52	0 46
M24	19 38	15 29	4 56	18 33	1 37	23 14	0 13	24 17	0 41	17 35	0 57	13 11	2 8	11 37	0 25	2 32	1 49	27 31	11 3	18 8	17 55	2 46	13 52	0 47
T 25	19 24	9 31	4 32	17 57	1 33	23 13	0 10	24 16	0 42	17 37	0 57	13 11	2 8	11 37	0 25	2 31	1 49	27 30	11 3	18 5	17 54	2 43	13 53	0 47
W26	19 10	3 3	3 50	17 21	1 29	23 11	0 8	24 16	0 43	17 39	0 57	13 12	2 8	11 37	0 25	2 31	1 49	27 30	11 3	18 4	17 53	2 40	13 53	0 47
T 27	18 56	3s30	2 54	16 43	1 25	23 8	0 5	24 15	0 43	17 41	0 57	13 12	2 8	11 38	0 25	2 31	1 49	27 29	11 3	18 3	17 52	2 36	13 53	0 47
F 28	18 41	9 47	1 48	16 5	1 20	23 5	0 2	24 15	0 44	17 43	0 57	13 13	2 7	11 38	0 25	2 31	1 49	27 28	11 3	18 2	17 51	2 33	13 54	0 48
S 29	18 27	15 29	0 37	15 26	1 15	23 1	0n 1	24 14	0 44	17 45	0 57	13 14	2 7	11 39	0 25	2 30	1 49	27 28	11 3	18 2	17 51	2 30	13 54	0 48
S 30	18 12	20 18	0s36	14 47	1 9	22 57	0 3	24 13	0 45	17 47	0 57	13 15	2 7	11 39	0 25	2 30	1 49	27 27	11 3	18 2	17 50	2 27	13 55	0 48
M31	17n56	23s57	1s45	14n 7	1n 3	22n52	0n 6	24n11	0n46	17n49	0s57	13s15	2n 7	11s39	0n25	2n30	1s49	27n27	11n 3	18n 2	17n49	2s24	13s55	0n49

Julian Day Number = 1983853.5, Delta T = 57m52s
Ecliptic obliquity = 23°36'22, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'13, Lahiri = 6°01'14 Julian Calendar 1 July 719 == Greg. Calendar 5 July 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

AUGUST 719 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 48 50	10♌41'48	24♐ 5	27♌ 8	16♋10	7♋29	23♉27	11♏ 7	1♏26	10°R26	13♌29	20°R35	19♉46	2♈47	9♏20	T 1
W 2	20 52 47	11°39'39	7♑ 7	28°48	17°23	8° 8	23°34	11° 9	1°27	10♈26	13°31	20♉28	19°42	2°53	9°22	W 2
T 3	20 56 44	12°37'32	19°58	0♍26	18°36	8°46	23°42	11°11	1°29	10°25	13°33	20°19	19°39	3° 0	9°25	T 3
F 4	21 0 40	13°35'26	2♒37	2° 2	19°49	9°24	23°49	11°13	1°30	10°24	13°35	20° 8	19°36	3° 7	9°28	F 4
S 5	21 4 37	14°33'21	15° 6	3°37	21° 2	10° 3	23°56	11°15	1°32	10°23	13°37	19°55	19°33	3°14	9°30	S 5
S 6	21 8 33	15°31'19	27°25	5°11	22°15	10°41	24° 2	11°18	1°33	10°23	13°39	19°41	19°30	3°20	9°33	S 6
M 7	21 12 30	16°29'17	9♓33	6°44	23°28	11°19	24° 9	11°20	1°35	10°22	13°41	19°28	19°26	3°27	9°36	M 7
T 8	21 16 26	17°27'18	21°32	8°15	24°42	11°57	24°15	11°22	1°36	10°21	13°43	19°17	19°23	3°34	9°40	T 8
W 9	21 20 23	18°25'20	3♈25	9°45	25°55	12°35	24°22	11°25	1°38	10°20	13°45	19° 9	19°20	3°40	9°43	W 9
T 10	21 24 19	19°23'24	15°13	11°13	27° 9	13°13	24°28	11°27	1°40	10°19	13°47	19° 3	19°17	3°47	9°46	T 10
F 11	21 28 16	20°21'31	27° 2	12°40	28°22	13°51	24°34	11°30	1°41	10°18	13°49	18°59	19°14	3°54	9°49	F 11
S 12	21 32 13	21°19'39	8♉56	14° 6	29°36	14°29	24°40	11°33	1°43	10°17	13°51	18°58	19°11	4° 0	9°53	S 12
S 13	21 36 9	22°17'49	21° 0	15°31	0♌49	15° 7	24°45	11°36	1°45	10°16	13°53	18°58	19° 7	4° 7	9°56	S 13
M14	21 40 6	23°16'02	3♊18	16°54	2° 3	15°45	24°51	11°39	1°47	10°15	13°55	18°58	19° 4	4°14	10° 0	M14
T 15	21 44 2	24°14'16	15°58	18°15	3°16	16°23	24°56	11°42	1°49	10°14	13°57	18°56	19° 1	4°20	10° 4	T 15
W16	21 47 59	25°12'33	29° 2	19°36	4°30	17° 1	25° 1	11°45	1°51	10°13	13°59	18°53	18°58	4°27	10° 8	W16
T 17	21 51 55	26°10'52	12♋35	20°54	5°44	17°39	25° 6	11°48	1°53	10°12	14° 1	18°47	18°55	4°34	10°12	T 17
F 18	21 55 52	27° 9'13	26°36	22°11	6°58	18°16	25°11	11°52	1°55	10°11	14° 3	18°39	18°52	4°40	10°16	F 18
S 19	21 59 48	28° 7'36	11♌ 4	23°27	8°12	18°54	25°16	11°55	1°57	10°10	14° 5	18°28	18°48	4°47	10°20	S 19
S 20	22 3 45	29° 6'00	25°53	24°41	9°26	19°32	25°20	11°58	1°59	10° 9	14° 7	18°17	18°45	4°54	10°24	S 20
M21	22 7 42	0♍ 4'27	10♍55	25°53	10°40	20° 9	25°24	12° 2	2° 1	10° 8	14° 9	18° 6	18°42	5° 0	10°28	M21
T 22	22 11 38	1° 2'56	25°59	27° 3	11°54	20°47	25°28	12° 6	2° 3	10° 6	14°11	17°57	18°39	5° 7	10°32	T 22
W23	22 15 35	2° 1'26	10♎57	28°11	13° 8	21°24	25°32	12° 9	2° 6	10° 5	14°13	17°51	18°36	5°14	10°37	W23
T 24	22 19 31	2°59'58	25°40	29°17	14°22	22° 2	25°36	12°13	2° 8	10° 4	14°15	17°47	18°32	5°21	10°41	T 24
F 25	22 23 28	3°58'32	10♏ 4	0♎21	15°36	22°39	25°40	12°17	2°10	10° 3	14°16	17°45	18°29	5°27	10°46	F 25
S 26	22 27 24	4°57'07	24° 6	1°23	16°50	23°16	25°43	12°21	2°13	10° 1	14°18	17°D45	18°26	5°34	10°51	S 26
S 27	22 31 21	5°55'45	7♐46	2°22	18° 4	23°54	25°46	12°25	2°15	10° 0	14°20	17°R45	18°23	5°41	10°55	S 27
M28	22 35 17	6°54'24	21° 6	3°19	19°18	24°31	25°49	12°29	2°18	9°59	14°22	17°44	18°20	5°47	11° 0	M28
T 29	22 39 14	7°53'05	4♑ 8	4°13	20°33	25° 8	25°52	12°33	2°20	9°57	14°24	17°42	18°17	5°54	11° 5	T 29
W30	22 43 11	8°51'47	16°55	5° 3	21°47	25°45	25°55	12°37	2°23	9°56	14°26	17°36	18°13	6° 1	11°10	W30
T 31	22 47 7	9♍50'31	29♑30	5♎50	23♌ 1	26♋22	25♉57	12♏42	2♏25	9♈55	14♌28	17♉28	18♉10	6♈ 7	11♏15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n40	26s15	2s47	13n27	0n57	22n46	0n 9	24n10	0n46	17n51	0s57	13s16	2n 6	11s40	0n25	2n29	1s49	27n26	11n 3	18n 1	17n48	2s20	13s56	0n49
W 2	17 24	27 4	3 39	12 46	0 51	22 40	0 12	24 8	0 47	17 52	0 57	13 17	2 6	11 40	0 25	2 29	1 49	27 26	11 3	17 59	17 47	2 17	13 56	0 49
T 3	17 8	26 23	4 19	12 5	0 44	22 32	0 14	24 6	0 47	17 54	0 57	13 18	2 6	11 41	0 25	2 29	1 49	27 25	11 3	17 57	17 46	2 14	13 57	0 49
F 4	16 52	24 21	4 46	11 24	0 37	22 25	0 17	24 4	0 48	17 56	0 57	13 19	2 6	11 41	0 25	2 28	1 49	27 25	11 3	17 54	17 45	2 11	13 58	0 50
S 5	16 35	21 10	4 59	10 43	0 30	22 16	0 20	24 2	0 49	17 57	0 57	13 20	2 5	11 42	0 25	2 28	1 49	27 24	11 3	17 50	17 44	2 7	13 58	0 50
S 6	16 18	17 6	4 57	10 2	0 23	22 7	0 22	24 0	0 49	17 59	0 58	13 21	2 5	11 42	0 25	2 28	1 49	27 24	11 3	17 47	17 44	2 4	13 59	0 50
M 7	16 0	12 23	4 42	9 20	0 15	21 57	0 25	23 57	0 50	18 1	0 58	13 21	2 5	11 43	0 25	2 27	1 49	27 23	11 3	17 43	17 43	2 1	14 0	0 51
T 8	15 43	7 16	4 14	8 39	0 8	21 47	0 27	23 54	0 51	18 2	0 58	13 22	2 5	11 44	0 25	2 27	1 49	27 22	11 4	17 40	17 42	1 58	14 0	0 51
W 9	15 25	1 56	3 36	7 58	0s 0	21 36	0 30	23 51	0 51	18 4	0 58	13 23	2 4	11 44	0 25	2 27	1 49	27 22	11 4	17 38	17 41	1 55	14 1	0 51
T 10	15 7	3n27	2 48	7 17	0 8	21 24	0 32	23 48	0 52	18 5	0 58	13 25	2 4	11 45	0 25	2 26	1 50	27 21	11 4	17 36	17 40	1 51	14 2	0 51
F 11	14 48	8 44	1 53	6 36	0 16	21 12	0 35	23 45	0 52	18 6	0 58	13 26	2 4	11 45	0 25	2 26	1 50	27 21	11 4	17 35	17 39	1 48	14 3	0 52
S 12	14 29	13 44	0 53	5 55	0 25	20 59	0 37	23 41	0 53	18 8	0 58	13 27	2 4	11 46	0 25	2 25	1 50	27 20	11 4	17 35	17 38	1 45	14 4	0 52
S 13	14 11	18 18	0n11	5 15	0 33	20 45	0 39	23 38	0 54	18 9	0 58	13 28	2 3	11 47	0 25	2 25	1 50	27 20	11 4	17 35	17 38	1 42	14 4	0 52
M14	13 51	22 12	1 15	4 34	0 41	20 31	0 42	23 34	0 54	18 10	0 58	13 29	2 3	11 47	0 25	2 25	1 50	27 19	11 4	17 35	17 37	1 38	14 5	0 52
T 15	13 32	25 9	2 18	3 55	0 50	20 16	0 44	23 30	0 55	18 11	0 58	13 30	2 3	11 48	0 25	2 24	1 50	27 19	11 4	17 34	17 36	1 35	14 6	0 53
W16	13 12	26 51	3 15	3 15	0 58	20 1	0 46	23 26	0 55	18 13	0 58	13 31	2 3	11 49	0 25	2 24	1 50	27 18	11 4	17 34	17 35	1 32	14 7	0 53
T 17	12 53	27 3	4 3	2 36	1 7	19 45	0 48	23 22	0 56	18 14	0 59	13 32	2 2	11 49	0 25	2 23	1 50	27 18	11 5	17 32	17 34	1 29	14 8	0 53
F 18	12 33	25 33	4 39	1 58	1 16	19 28	0 50	23 17	0 57	18 15	0 59	13 34	2 2	11 50	0 25	2 23	1 50	27 18	11 5	17 30	17 33	1 25	14 9	0 53
S 19	12 12	22 21	4 58	1 20	1 24	19 11	0 52	23 12	0 57	18 16	0 59	13 35	2 2	11 51	0 25	2 22	1 50	27 17	11 5	17 27	17 32	1 22	14 10	0 54
S 20	11 52	17 39	4 58	0 43	1 33	18 53	0 54	23 8	0 58	18 17	0 59	13 36	2 2	11 52	0 25	2 22	1 50	27 17	11 5	17 24	17 31	1 19	14 11	0 54
M21	11 31	11 48	4 38	0 6	1 41	18 35	0 56	23 3	0 58	18 18	0 59	13 38	2 1	11 53	0 24	2 21	1 50	27 16	11 5	17 21	17 31	1 16	14 12	0 54
T 22	11 11	5 14	3 58	0s30	1 50	18 16	0 58	22 58	0 59	18 19	0 59	13 39	2 1	11 53	0 24	2 21	1 50	27 16	11 5	17 18	17 30	1 12	14 13	0 55
W23	10 50	1s35	3 2	1 5	1 58	17 57	1 0	22 52	1 0	18 19	0 59	13 40	2 1	11 54	0 24	2 20	1 50	27 15	11 5	17 16	17 29	1 9	14 15	0 55
T 24	10 28	8 13	1 54	1 39	2 7	17 37	1 2	22 47	1 0	18 20	0 59	13 42	2 1	11 55	0 24	2 20	1 50	27 15	11 6	17 15	17 28	1 6	14 16	0 55
F 25	10 7	14 18	0 41	2 12	2 15	17 17	1 4	22 41	1 1	18 21	0 59	13 43	2 1	11 56	0 24	2 19	1 50	27 14	11 6	17 15	17 27	1 3	14 17	0 55
S 26	9 46	19 28	0s34	2 45	2 23	16 56	1 5	22 36	1 1	18 22	0 59	13 44	2 0	11 57	0 24	2 18	1 50	27 14	11 6	17 15	17 26	0 59	14 18	0 56
S 27	9 24	23 28	1 44	3 16	2 31	16 35	1 7	22 30	1 2	18 22	0 59	13 46	2 0	11 58	0 24	2 18	1 50	27 14	11 6	17 15	17 25	0 56	14 19	0 56
M28	9 2	26 5	2 47	3 45	2 39	16 13	1 8	22 24	1 3	18 23	1 0	13 47	2 0	11 58	0 24	2 17	1 50	27 13	11 6	17 14	17 24	0 53	14 21	0 56
T 29	8 40	27 12	3 40	4 14	2 47	15 51	1 10	22 18	1 3	18 24	1 0	13 49	2 0	11 59	0 24	2 17	1 50	27 13	11 7	17 14	17 23	0 50	14 22	0 56
W30	8 18	26 50	4 21	4 41	2 54	15 28	1 11	22 11	1 4	18 24	1 0	13 50	1 59	12 0	0 24	2 16	1 50	27 12	11 7	17 12	17 23	0 46	14 23	0 57
T 31	7n56	25s 5	4s48	5s 6	3s 1	15n 5	1n13	22n 5	1n 5	18n25	1s 0	13s52	1n59	12s 1	0n24	2n16	1s50	27n12	11n 7	17n10	17n22	0s43	14s25	0n57

Julian Day Number = 1983884.5, Delta T = 57m52s
Ecliptic obliquity = 23°36'23, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'18, Lahiri = 6°01'18 Julian Calendar 1 Aug. 719 == Greg. Calendar 5 Aug. 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

SEPTEMBER 719 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 51 4	10♍49'18	11♒54	6♎34	24♌16	26♋59	25♉59	12♏46	2♏28	9°R53	14♌29	17°R18	18♉ 7	6♈14	11♏20	F 1
S 2	22 55 0	11°48'06	24° 9	7°14	25°30	27°36	26° 1	12°51	2°30	9♈52	14°31	17♉ 6	18° 4	6°21	11°25	S 2
S 3	22 58 57	12°46'56	6♓15	7°50	26°44	28°13	26° 3	12°55	2°33	9°50	14°33	16°54	18° 1	6°27	11°30	S 3
M 4	23 2 53	13°45'47	18°15	8°21	27°59	28°50	26° 5	13° 0	2°36	9°49	14°35	16°42	17°58	6°34	11°36	M 4
T 5	23 6 50	14°44'42	0♈ 9	8°47	29°13	29°27	26° 6	13° 5	2°39	9°47	14°37	16°32	17°54	6°41	11°41	T 5
W 6	23 10 46	15°43'38	11°58	9° 8	0♍28	0♌ 3	26° 7	13° 9	2°41	9°46	14°38	16°25	17°51	6°47	11°47	W 6
T 7	23 14 43	16°42'36	23°46	9°23	1°43	0°40	26° 9	13°14	2°44	9°44	14°40	16°19	17°48	6°54	11°52	T 7
F 8	23 18 39	17°41'37	5♉35	9°32	2°57	1°17	26° 9	13°19	2°47	9°43	14°42	16°17	17°45	7° 1	11°58	F 8
S 9	23 22 36	18°40'40	17°29	9°R35	4°12	1°53	26°10	13°24	2°50	9°41	14°44	16°D16	17°42	7° 7	12° 3	S 9
S 10	23 26 33	19°39'45	29°32	9°30	5°27	2°30	26°11	13°29	2°53	9°40	14°45	16°17	17°38	7°14	12° 9	S 10
M11	23 30 29	20°38'53	11♊49	9°18	6°41	3° 6	26°11	13°34	2°56	9°38	14°47	16°18	17°35	7°21	12°15	M11
T 12	23 34 26	21°38'03	24°25	8°59	7°56	3°43	26°R11	13°39	2°59	9°37	14°49	16°R18	17°32	7°27	12°21	T 12
W13	23 38 22	22°37'15	7♋25	8°31	9°11	4°19	26°11	13°44	3° 2	9°35	14°50	16°17	17°29	7°34	12°27	W13
T 14	23 42 19	23°36'30	20°52	7°56	10°26	4°56	26°10	13°50	3° 5	9°34	14°52	16°14	17°26	7°41	12°33	T 14
F 15	23 46 15	24°35'48	4♌48	7°13	11°41	5°32	26°10	13°55	3° 8	9°32	14°54	16° 8	17°23	7°47	12°39	F 15
S 16	23 50 12	25°35'07	19°14	6°23	12°55	6° 8	26° 9	14° 1	3°11	9°30	14°55	16° 1	17°19	7°54	12°45	S 16
S 17	23 54 8	26°34'29	4♍ 5	5°25	14°10	6°44	26° 8	14° 6	3°14	9°29	14°57	15°54	17°16	8° 1	12°51	S 17
M18	23 58 5	27°33'53	19°13	4°22	15°25	7°21	26° 7	14°11	3°18	9°27	14°58	15°46	17°13	8° 7	12°57	M18
T 19	0 2 2	28°33'19	4♎29	3°14	16°40	7°57	26° 6	14°17	3°21	9°25	15° 0	15°40	17°10	8°14	13° 3	T 19
W20	0 5 58	29°32'48	19°42	2° 3	17°55	8°33	26° 4	14°23	3°24	9°24	15° 1	15°35	17° 7	8°21	13° 9	W20
T 21	0 9 55	0♎32'18	4♏42	0°50	19°10	9° 9	26° 2	14°28	3°27	9°22	15° 3	15°33	17° 3	8°28	13°16	T 21
F 22	0 13 51	1°31'50	19°21	29♍38	20°25	9°45	26° 0	14°34	3°31	9°20	15° 4	15°D32	17° 0	8°34	13°22	F 22
S 23	0 17 48	2°31'24	3♐36	28°29	21°40	10°20	25°58	14°40	3°34	9°19	15° 6	15°33	16°57	8°41	13°29	S 23
S 24	0 21 44	3°31'00	17°25	27°25	22°55	10°56	25°56	14°46	3°37	9°17	15° 7	15°35	16°54	8°48	13°35	S 24
M25	0 25 41	4°30'38	0♑49	26°28	24°11	11°32	25°53	14°52	3°41	9°15	15° 9	15°R36	16°51	8°54	13°42	M25
T 26	0 29 37	5°30'18	13°50	25°38	25°26	12° 8	25°50	14°58	3°44	9°14	15°10	15°35	16°48	9° 1	13°48	T 26
W27	0 33 34	6°29'59	26°32	24°59	26°41	12°43	25°48	15° 4	3°47	9°12	15°12	15°33	16°44	9° 8	13°55	W27
T 28	0 37 31	7°29'42	8♒58	24°30	27°56	13°19	25°44	15°10	3°51	9°10	15°13	15°30	16°41	9°14	14° 2	T 28
F 29	0 41 27	8°29'27	21°12	24°12	29°11	13°54	25°41	15°16	3°54	9° 9	15°14	15°24	16°38	9°21	14° 8	F 29
S 30	0 45 24	9♎29'13	3♓16	24°D 5	0♎26	14♌29	25♉38	15♏22	3♏58	9♈ 7	15♌16	15♉18	16♉35	9♈28	14♏15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n34	22s 9	5s 1	5s30	3s 8	14n42	1n14	21n58	1n 5	18n25	1s 0	13s53	1n59	12s 2	0n24	2n15	1s51	27n12	11n 7	17n 7	17n21	0s40	14s26	0n57
S 2	7 11	18 16	5 0	5 51	3 14	14 18	1 15	21 52	1 6	18 25	1 0	13 55	1 59	12 3	0 24	2 14	1 51	27 11	11 7	17 4	17 20	0 37	14 27	0 57
S 3	6 48	13 42	4 46	6 11	3 20	13 53	1 17	21 45	1 6	18 26	1 0	13 56	1 59	12 4	0 24	2 14	1 51	27 11	11 8	17 0	17 19	0 33	14 29	0 58
M 4	6 26	8 38	4 19	6 28	3 25	13 28	1 18	21 38	1 7	18 26	1 0	13 58	1 58	12 5	0 24	2 13	1 51	27 11	11 8	16 57	17 18	0 30	14 30	0 58
T 5	6 3	3 18	3 40	6 43	3 30	13 3	1 19	21 31	1 8	18 26	1 0	14 0	1 58	12 6	0 24	2 13	1 51	27 10	11 8	16 54	17 17	0 27	14 31	0 58
W 6	5 40	2n 7	2 53	6 55	3 34	12 38	1 20	21 23	1 8	18 27	1 0	14 1	1 58	12 7	0 24	2 12	1 51	27 10	11 8	16 52	17 16	0 24	14 33	0 58
T 7	5 17	7 28	1 57	7 4	3 37	12 12	1 21	21 16	1 9	18 27	1 0	14 3	1 58	12 8	0 24	2 11	1 51	27 10	11 9	16 50	17 15	0 20	14 34	0 59
F 8	4 54	12 35	0 57	7 9	3 39	11 46	1 22	21 9	1 9	18 27	1 0	14 5	1 58	12 9	0 24	2 11	1 51	27 9	11 9	16 49	17 15	0 17	14 36	0 59
S 9	4 31	17 16	0n 7	7 12	3 41	11 19	1 23	21 1	1 10	18 27	1 1	14 6	1 57	12 10	0 24	2 10	1 51	27 9	11 9	16 49	17 14	0 14	14 37	0 59
S 10	4 7	21 21	1 11	7 10	3 41	10 52	1 23	20 53	1 11	18 27	1 1	14 8	1 57	12 11	0 24	2 10	1 51	27 9	11 9	16 49	17 13	0 10	14 39	0 59
M11	3 44	24 33	2 13	7 4	3 40	10 25	1 24	20 45	1 11	18 27	1 1	14 10	1 57	12 12	0 24	2 9	1 51	27 9	11 10	16 50	17 12	0 7	14 40	1 0
T 12	3 20	26 39	3 10	6 54	3 37	9 58	1 25	20 37	1 12	18 27	1 1	14 11	1 57	12 13	0 24	2 8	1 51	27 8	11 10	16 50	17 11	0 4	14 42	1 0
W13	2 57	27 23	4 0	6 40	3 33	9 30	1 25	20 29	1 13	18 27	1 1	14 13	1 57	12 14	0 24	2 8	1 51	27 8	11 10	16 49	17 10	0 1	14 43	1 0
T 14	2 33	26 33	4 38	6 20	3 27	9 2	1 26	20 21	1 13	18 27	1 1	14 15	1 56	12 15	0 24	2 7	1 51	27 8	11 10	16 48	17 9	0n 3	14 45	1 1
F 15	2 10	24 4	5 1	5 56	3 20	8 34	1 26	20 13	1 14	18 26	1 1	14 17	1 56	12 16	0 24	2 6	1 51	27 8	11 11	16 47	17 8	0 6	14 47	1 1
S 16	1 46	20 0	5 7	5 28	3 10	8 5	1 27	20 4	1 14	18 26	1 1	14 18	1 56	12 17	0 24	2 6	1 51	27 7	11 11	16 45	17 7	0 9	14 48	1 1
S 17	1 22	14 36	4 52	4 54	2 59	7 36	1 27	19 56	1 15	18 26	1 1	14 20	1 56	12 18	0 24	2 5	1 51	27 7	11 11	16 43	17 6	0 12	14 50	1 1
M18	0 59	8 14	4 17	4 17	2 46	7 7	1 27	19 47	1 16	18 25	1 1	14 22	1 56	12 20	0 24	2 4	1 51	27 7	11 12	16 40	17 6	0 16	14 51	1 2
T 19	0 35	1 19	3 23	3 36	2 31	6 38	1 27	19 38	1 16	18 25	1 1	14 24	1 56	12 21	0 24	2 4	1 51	27 7	11 12	16 39	17 5	0 19	14 53	1 2
W20	0 11	5s40	2 15	2 52	2 14	6 9	1 27	19 29	1 17	18 25	1 1	14 26	1 55	12 22	0 24	2 3	1 51	27 6	11 12	16 37	17 4	0 22	14 55	1 2
T 21	0s13	12 16	0 58	2 6	1 56	5 39	1 27	19 20	1 18	18 24	1 2	14 27	1 55	12 23	0 24	2 2	1 51	27 6	11 12	16 37	17 3	0 25	14 56	1 2
F 22	0 37	18 1	0s21	1 20	1 36	5 9	1 27	19 11	1 18	18 24	1 2	14 29	1 55	12 24	0 24	2 2	1 51	27 6	11 13	16 36	17 2	0 29	14 58	1 3
S 23	1 1	22 36	1 36	0 34	1 16	4 40	1 27	19 2	1 19	18 23	1 2	14 31	1 55	12 25	0 24	2 1	1 51	27 6	11 13	16 37	17 1	0 32	15 0	1 3
S 24	1 24	25 44	2 44	0n11	0 56	4 9	1 27	18 53	1 19	18 22	1 2	14 33	1 55	12 26	0 24	2 0	1 51	27 6	11 13	16 37	17 0	0 35	15 1	1 3
M25	1 48	27 17	3 41	0 53	0 35	3 39	1 27	18 44	1 20	18 22	1 2	14 35	1 55	12 28	0 24	2 0	1 51	27 6	11 14	16 37	16 59	0 39	15 3	1 3
T 26	2 12	27 16	4 24	1 31	0 15	3 9	1 26	18 34	1 21	18 21	1 2	14 37	1 54	12 29	0 24	1 59	1 51	27 5	11 14	16 37	16 58	0 42	15 5	1 4
W27	2 36	25 48	4 54	2 5	0n 4	2 39	1 26	18 25	1 21	18 20	1 2	14 39	1 54	12 30	0 24	1 58	1 51	27 5	11 14	16 37	16 57	0 45	15 7	1 4
T 28	3 0	23 6	5 9	2 33	0 23	2 8	1 26	18 15	1 22	18 20	1 2	14 41	1 54	12 31	0 24	1 58	1 51	27 5	11 15	16 36	16 56	0 48	15 8	1 4
F 29	3 23	19 24	5 9	2 56	0 40	1 38	1 25	18 5	1 23	18 19	1 2	14 43	1 54	12 32	0 24	1 57	1 51	27 5	11 15	16 34	16 56	0 52	15 10	1 5
S 30	3s47	14s58	4s56	3n13	0n55	1n 7	1n25	17n56	1n23	18n18	1s 2	14s44	1n54	12s33	0n24	1n56	1s51	27n 5	11n15	16n32	16n55	0n55	15s12	1n 5

Julian Day Number = 1983915.5, Delta T = 57m51s
Ecliptic obliquity = 23°36'23, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'22, Lahiri = 6°01'22 Julian Calendar 1 Sept. 719 == Greg. Calendar 5 Sept. 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

OCTOBER 719 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 49 20	10♎29'02	15♓14	24♍10	1♎42	15♌ 5	25°R34	15♏28	4♏ 1	9°R 5	15♌17	15°R11	16♉32	9♈34	14♏22	S 1
M 2	0 53 17	11°28'52	27° 7	24°25	2°57	15°40	25♉30	15°34	4° 5	9♈ 4	15°18	15♉ 5	16°29	9°41	14°29	M 2
T 3	0 57 13	12°28'44	8♈57	24°51	4°12	16°15	25°26	15°41	4° 8	9° 2	15°19	14°59	16°25	9°48	14°36	T 3
W 4	1 1 10	13°28'39	20°46	25°26	5°27	16°50	25°22	15°47	4°12	9° 0	15°21	14°56	16°22	9°54	14°43	W 4
T 5	1 5 6	14°28'35	2♉37	26°10	6°43	17°25	25°17	15°53	4°15	8°59	15°22	14°53	16°19	10° 1	14°50	T 5
F 6	1 9 3	15°28'33	14°30	27° 2	7°58	18° 0	25°13	16° 0	4°19	8°57	15°23	14°D52	16°16	10° 8	14°57	F 6
S 7	1 12 59	16°28'34	26°30	28° 0	9°13	18°35	25° 8	16° 6	4°22	8°55	15°24	14°53	16°13	10°14	15° 4	S 7
S 8	1 16 56	17°28'37	8♊38	29° 5	10°28	19°10	25° 3	16°12	4°26	8°54	15°25	14°54	16° 9	10°21	15°11	S 8
M 9	1 20 53	18°28'41	20°58	0♎15	11°44	19°45	24°58	16°19	4°30	8°52	15°26	14°56	16° 6	10°28	15°18	M 9
T 10	1 24 49	19°28'48	3♋35	1°30	12°59	20°20	24°52	16°25	4°33	8°50	15°27	14°58	16° 3	10°34	15°25	T 10
W11	1 28 46	20°28'58	16°32	2°49	14°15	20°54	24°47	16°32	4°37	8°49	15°28	14°R59	16° 0	10°41	15°32	W11
T 12	1 32 42	21°29'09	29°52	4°11	15°30	21°29	24°41	16°39	4°41	8°47	15°29	14°58	15°57	10°48	15°40	T 12
F 13	1 36 39	22°29'23	13♌38	5°37	16°45	22° 3	24°35	16°45	4°44	8°45	15°30	14°57	15°54	10°54	15°47	F 13
S 14	1 40 35	23°29'38	27°50	7° 4	18° 1	22°38	24°29	16°52	4°48	8°44	15°31	14°55	15°50	11° 1	15°54	S 14
S 15	1 44 32	24°29'56	12♍27	8°33	19°16	23°12	24°23	16°59	4°52	8°42	15°32	14°52	15°47	11° 8	16° 1	S 15
M16	1 48 28	25°30'15	27°23	10° 4	20°32	23°46	24°17	17° 5	4°55	8°41	15°33	14°49	15°44	11°14	16° 9	M16
T 17	1 52 25	26°30'37	12♎32	11°37	21°47	24°21	24°11	17°12	4°59	8°39	15°34	14°47	15°41	11°21	16°16	T 17
W18	1 56 22	27°31'00	27°44	13°10	23° 2	24°55	24° 4	17°19	5° 3	8°37	15°35	14°46	15°38	11°28	16°23	W18
T 19	2 0 18	28°31'26	12♏49	14°44	24°18	25°29	23°58	17°26	5° 6	8°36	15°36	14°D45	15°35	11°34	16°31	T 19
F 20	2 4 15	29°31'52	27°39	16°19	25°33	26° 3	23°51	17°32	5°10	8°34	15°37	14°45	15°31	11°41	16°38	F 20
S 21	2 8 11	0♏32'21	12♐ 6	17°54	26°49	26°37	23°44	17°39	5°14	8°33	15°37	14°46	15°28	11°48	16°46	S 21
S 22	2 12 8	1°32'51	26° 7	19°30	28° 4	27°10	23°37	17°46	5°18	8°31	15°38	14°47	15°25	11°54	16°53	S 22
M23	2 16 4	2°33'22	9♑40	21° 6	29°20	27°44	23°30	17°53	5°21	8°30	15°39	14°49	15°22	12° 1	17° 1	M23
T 24	2 20 1	3°33'55	22°48	22°42	0♏35	28°18	23°22	18° 0	5°25	8°28	15°39	14°49	15°19	12° 8	17° 8	T 24
W25	2 23 57	4°34'29	5♒33	24°18	1°51	28°51	23°15	18° 7	5°29	8°27	15°40	14°R49	15°15	12°14	17°16	W25
T 26	2 27 54	5°35'05	17°58	25°54	3° 6	29°24	23° 8	18°14	5°33	8°25	15°41	14°49	15°12	12°21	17°23	T 26
F 27	2 31 51	6°35'41	0♓ 9	27°30	4°22	29°58	23° 0	18°21	5°36	8°24	15°41	14°48	15° 9	12°28	17°31	F 27
S 28	2 35 47	7°36'19	12° 8	29° 6	5°37	0♍31	22°52	18°28	5°40	8°22	15°42	14°48	15° 6	12°34	17°38	S 28
S 29	2 39 44	8°36'58	24° 1	0♏41	6°53	1° 4	22°45	18°35	5°44	8°21	15°42	14°47	15° 3	12°41	17°46	S 29
M30	2 43 40	9°37'38	5♈50	2°17	8° 8	1°37	22°37	18°42	5°47	8°20	15°43	14°46	15° 0	12°48	17°54	M30
T 31	2 47 37	10♏38'20	17♈39	3♏53	9♏24	2♍10	22♉29	18♏49	5♏51	8♈18	15♌43	14♉45	14♉56	12♈54	18♏ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s11	10s 0	4s29	3n24	1n10	0n36	1n24	17n46	1n24	18n17	1s 2	14s46	1n54	12s35	0n24	1n56	1s51	27n 5	11n16	16n30	16n54	0n58	15s14	1n 5
M 2	4 34	4 42	3 52	3 29	1 22	0 6	1 23	17 36	1 25	18 16	1 2	14 48	1 54	12 36	0 24	1 55	1 51	27 5	11 16	16 28	16 53	1 2	15 15	1 5
T 3	4 58	0n45	3 4	3 29	1 33	0s25	1 23	17 26	1 25	18 15	1 2	14 50	1 53	12 37	0 24	1 54	1 51	27 5	11 16	16 27	16 52	1 5	15 17	1 6
W 4	5 21	6 11	2 8	3 23	1 42	0 56	1 22	17 16	1 26	18 14	1 2	14 52	1 53	12 38	0 24	1 54	1 51	27 5	11 17	16 26	16 51	1 8	15 19	1 6
T 5	5 45	11 25	1 7	3 13	1 50	1 27	1 21	17 6	1 27	18 13	1 2	14 54	1 53	12 39	0 24	1 53	1 51	27 5	11 17	16 25	16 50	1 11	15 21	1 6
F 6	6 8	16 16	0 2	2 58	1 56	1 58	1 20	16 55	1 27	18 12	1 2	14 56	1 53	12 41	0 24	1 52	1 51	27 5	11 17	16 25	16 49	1 15	15 22	1 6
S 7	6 31	20 32	1n 3	2 39	2 1	2 28	1 19	16 45	1 28	18 10	1 2	14 58	1 53	12 42	0 23	1 52	1 51	27 5	11 18	16 25	16 48	1 18	15 24	1 7
S 8	6 54	23 59	2 7	2 16	2 5	2 59	1 18	16 35	1 28	18 9	1 2	15 0	1 53	12 43	0 23	1 51	1 51	27 5	11 18	16 25	16 47	1 21	15 26	1 7
M 9	7 17	26 23	3 6	1 50	2 7	3 30	1 17	16 24	1 29	18 8	1 2	15 2	1 53	12 44	0 23	1 50	1 51	27 5	11 18	16 26	16 46	1 25	15 28	1 7
T 10	7 40	27 30	3 57	1 21	2 8	4 0	1 16	16 14	1 30	18 7	1 2	15 4	1 53	12 46	0 23	1 50	1 51	27 5	11 19	16 26	16 45	1 28	15 30	1 8
W11	8 3	27 10	4 37	0 50	2 9	4 31	1 14	16 3	1 30	18 5	1 2	15 6	1 52	12 47	0 23	1 49	1 51	27 5	11 19	16 27	16 44	1 31	15 32	1 8
T 12	8 26	25 16	5 4	0 17	2 8	5 1	1 13	15 53	1 31	18 4	1 2	15 8	1 52	12 48	0 23	1 48	1 51	27 5	11 20	16 26	16 44	1 34	15 33	1 8
F 13	8 49	21 52	5 15	0s18	2 7	5 32	1 12	15 42	1 32	18 2	1 2	15 10	1 52	12 49	0 23	1 48	1 51	27 5	11 20	16 26	16 43	1 38	15 35	1 8
S 14	9 11	17 6	5 7	0 55	2 5	6 2	1 10	15 31	1 32	18 1	1 2	15 12	1 52	12 51	0 23	1 47	1 51	27 5	11 20	16 25	16 42	1 41	15 37	1 9
S 15	9 34	11 14	4 40	1 33	2 2	6 32	1 9	15 21	1 33	18 0	1 2	15 14	1 52	12 52	0 23	1 47	1 51	27 5	11 21	16 25	16 41	1 44	15 39	1 9
M16	9 56	4 36	3 53	2 12	1 59	7 2	1 7	15 10	1 34	17 58	1 2	15 16	1 52	12 53	0 23	1 46	1 51	27 5	11 21	16 24	16 40	1 48	15 41	1 9
T 17	10 18	2s24	2 49	2 52	1 55	7 32	1 6	14 59	1 34	17 56	1 2	15 18	1 52	12 54	0 23	1 45	1 51	27 5	11 22	16 23	16 39	1 51	15 43	1 10
W18	10 40	9 18	1 33	3 32	1 51	8 1	1 4	14 48	1 35	17 55	1 2	15 20	1 52	12 56	0 23	1 45	1 51	27 5	11 22	16 23	16 38	1 54	15 44	1 10
T 19	11 1	15 38	0 11	4 13	1 46	8 31	1 3	14 37	1 36	17 53	1 2	15 22	1 52	12 57	0 23	1 44	1 51	27 5	11 22	16 23	16 37	1 57	15 46	1 10
F 20	11 23	20 55	1s11	4 54	1 41	9 0	1 1	14 26	1 36	17 52	1 2	15 24	1 51	12 58	0 23	1 44	1 51	27 5	11 23	16 23	16 36	2 1	15 48	1 10
S 21	11 44	24 48	2 26	5 36	1 36	9 29	0 59	14 15	1 37	17 50	1 2	15 26	1 51	12 59	0 23	1 43	1 51	27 6	11 23	16 23	16 35	2 4	15 50	1 11
S 22	12 6	27 2	3 30	6 17	1 30	9 58	0 57	14 4	1 38	17 48	1 2	15 28	1 51	13 1	0 23	1 42	1 51	27 6	11 24	16 23	16 34	2 7	15 52	1 11
M23	12 27	27 34	4 20	6 59	1 25	10 27	0 56	13 53	1 39	17 46	1 2	15 30	1 51	13 2	0 23	1 42	1 51	27 6	11 24	16 24	16 33	2 11	15 54	1 11
T 24	12 48	26 30	4 54	7 40	1 19	10 55	0 54	13 42	1 39	17 45	1 2	15 32	1 51	13 3	0 23	1 41	1 51	27 6	11 24	16 24	16 32	2 14	15 56	1 12
W25	13 8	24 4	5 13	8 22	1 12	11 23	0 52	13 31	1 40	17 43	1 2	15 34	1 51	13 4	0 23	1 41	1 51	27 6	11 25	16 24	16 31	2 17	15 57	1 12
T 26	13 29	20 34	5 17	9 3	1 6	11 51	0 50	13 20	1 41	17 41	1 2	15 36	1 51	13 6	0 23	1 40	1 51	27 6	11 25	16 24	16 31	2 20	15 59	1 12
F 27	13 49	16 16	5 6	9 44	1 0	12 19	0 48	13 9	1 41	17 39	1 2	15 38	1 51	13 7	0 23	1 40	1 51	27 7	11 26	16 24	16 30	2 24	16 1	1 12
S 28	14 9	11 23	4 42	10 24	0 53	12 46	0 46	12 57	1 42	17 37	1 2	15 40	1 51	13 8	0 23	1 39	1 51	27 7	11 26	16 23	16 29	2 27	16 3	1 13
S 29	14 28	6 9	4 6	11 4	0 47	13 13	0 44	12 46	1 43	17 35	1 2	15 42	1 51	13 9	0 23	1 38	1 51	27 7	11 26	16 23	16 28	2 30	16 5	1 13
M30	14 48	0 43	3 20	11 44	0 40	13 39	0 42	12 35	1 43	17 34	1 2	15 44	1 51	13 11	0 23	1 38	1 51	27 7	11 27	16 23	16 27	2 34	16 7	1 13
T 31	15s 7	4n45	2s25	12s23	0n33	14s 6	0n40	12n24	1n44	17n32	1s 2	15s46	1n51	13s12	0n23	1n37	1s51	27n 8	11n27	16n23	16n26	2n37	16s 8	1n14

Julian Day Number = 1983945.5, Delta T = 57m50s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'26, Lahiri = 6°01'27 Julian Calendar 1 Oct. 719 == Greg. Calendar 5 Oct. 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

NOVEMBER 719 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 51 33	11♏39'03	29♈31	5♏28	10♏39	2♍43	22°R21	18♏56	5♏55	8°R17	15♌44	14°R45	14♉53	13♈ 1	18♏ 9	W 1
T 2	2 55 30	12°39'47	11♉27	7° 3	11°55	3°15	22♉13	19° 3	5°59	8♈16	15°44	14°D45	14°50	13° 8	18°16	T 2
F 3	2 59 26	13°40'33	23°30	8°39	13°10	3°48	22° 5	19°10	6° 2	8°14	15°45	14♉45	14°47	13°14	18°24	F 3
S 4	3 3 23	14°41'20	5♊42	10°14	14°26	4°20	21°57	19°17	6° 6	8°13	15°45	14°R45	14°44	13°21	18°32	S 4
S 5	3 7 20	15°42'08	18° 3	11°49	15°41	4°53	21°49	19°24	6°10	8°12	15°45	14°45	14°40	13°28	18°39	S 5
M 6	3 11 16	16°42'58	0♋36	13°23	16°57	5°25	21°41	19°31	6°13	8°10	15°46	14°45	14°37	13°34	18°47	M 6
T 7	3 15 13	17°43'50	13°24	14°58	18°12	5°57	21°33	19°38	6°17	8° 9	15°46	14°44	14°34	13°41	18°54	T 7
W 8	3 19 9	18°44'43	26°26	16°33	19°28	6°29	21°25	19°45	6°21	8° 8	15°46	14°44	14°31	13°48	19° 2	W 8
T 9	3 23 6	19°45'37	9♌46	18° 7	20°43	7° 1	21°17	19°52	6°24	8° 7	15°46	14°44	14°28	13°54	19°10	T 9
F 10	3 27 2	20°46'33	23°25	19°41	21°59	7°33	21° 8	19°59	6°28	8° 6	15°46	14°D44	14°25	14° 1	19°17	F 10
S 11	3 30 59	21°47'30	7♍24	21°16	23°14	8° 5	21° 0	20° 6	6°32	8° 5	15°47	14°44	14°21	14° 8	19°25	S 11
S 12	3 34 55	22°48'28	21°41	22°50	24°30	8°36	20°52	20°13	6°35	8° 4	15°47	14°44	14°18	14°14	19°32	S 12
M13	3 38 52	23°49'28	6♎15	24°24	25°45	9° 8	20°44	20°20	6°39	8° 2	15°47	14°45	14°15	14°21	19°40	M13
T 14	3 42 49	24°50'29	21° 1	25°59	27° 1	9°39	20°36	20°27	6°43	8° 1	15°47	14°46	14°12	14°28	19°48	T 14
W15	3 46 45	25°51'31	5♏54	27°33	28°16	10°10	20°28	20°34	6°46	8° 0	15°R47	14°46	14° 9	14°34	19°55	W15
T 16	3 50 42	26°52'34	20°46	29° 7	29°32	10°41	20°19	20°41	6°50	7°59	15°47	14°R46	14° 6	14°41	20° 3	T 16
F 17	3 54 38	27°53'39	5♐30	0♐42	0♐47	11°12	20°11	20°49	6°53	7°58	15°47	14°46	14° 2	14°48	20°10	F 17
S 18	3 58 35	28°54'44	19°57	2°16	2° 3	11°43	20° 3	20°56	6°57	7°58	15°47	14°45	13°59	14°54	20°18	S 18
S 19	4 2 31	29°55'50	4♑ 3	3°50	3°18	12°14	19°55	21° 3	7° 0	7°57	15°46	14°43	13°56	15° 1	20°26	S 19
M20	4 6 28	0♐56'56	17°44	5°25	4°34	12°44	19°47	21°10	7° 4	7°56	15°46	14°40	13°53	15° 8	20°33	M20
T 21	4 10 25	1°58'03	0♒59	7° 0	5°49	13°14	19°40	21°17	7° 7	7°55	15°46	14°38	13°50	15°14	20°41	T 21
W22	4 14 21	2°59'11	13°50	8°34	7° 5	13°45	19°32	21°24	7°11	7°54	15°46	14°36	13°46	15°21	20°48	W22
T 23	4 18 18	4° 0'18	26°19	10° 9	8°20	14°15	19°24	21°31	7°14	7°53	15°46	14°35	13°43	15°28	20°56	T 23
F 24	4 22 14	5° 1'26	8♓31	11°44	9°36	14°44	19°17	21°37	7°18	7°53	15°45	14°D35	13°40	15°34	21° 3	F 24
S 25	4 26 11	6° 2'35	20°31	13°19	10°51	15°14	19° 9	21°44	7°21	7°52	15°45	14°36	13°37	15°41	21°11	S 25
S 26	4 30 7	7° 3'43	2♈22	14°54	12° 7	15°44	19° 2	21°51	7°24	7°51	15°45	14°37	13°34	15°48	21°18	S 26
M27	4 34 4	8° 4'52	14°10	16°29	13°22	16°13	18°54	21°58	7°28	7°50	15°44	14°39	13°31	15°54	21°25	M27
T 28	4 38 0	9° 6'02	26° 0	18° 4	14°38	16°42	18°47	22° 5	7°31	7°50	15°44	14°41	13°27	16° 1	21°33	T 28
W29	4 41 57	10° 7'11	7♉55	19°40	15°53	17°11	18°40	22°12	7°34	7°49	15°44	14°42	13°24	16° 8	21°40	W29
T 30	4 45 54	11♐ 8'21	19♉58	21♐15	17♐ 9	17♍40	18♉33	22♏19	7♏38	7♈49	15♌43	14°R42	13♉21	16♈14	21♏47	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s26	10n 4	1s24	13s 1	0n26	14s32	0n38	12n12	1n45	17n30	1s 2	15s48	1n51	13s13	0n23	1n37	1s51	27n 8	11n28	16n22	16n25	2n40	16s10	1n14
T 2	15 45	15 5	0 18	13 39	0 20	14 57	0 35	12 1	1 46	17 28	1 2	15 50	1 50	13 14	0 23	1 36	1 51	27 8	11 28	16 22	16 24	2 43	16 12	1 14
F 3	16 3	19 34	0n48	14 17	0 13	15 22	0 33	11 50	1 46	17 26	1 1	15 52	1 50	13 16	0 23	1 36	1 50	27 8	11 28	16 22	16 23	2 47	16 14	1 15
S 4	16 21	23 16	1 54	14 53	0 6	15 47	0 31	11 39	1 47	17 24	1 1	15 54	1 50	13 17	0 23	1 35	1 50	27 9	11 29	16 22	16 22	2 50	16 16	1 15
S 5	16 39	25 58	2 55	15 29	0s 0	16 11	0 29	11 27	1 48	17 22	1 1	15 56	1 50	13 18	0 23	1 35	1 50	27 9	11 29	16 22	16 21	2 53	16 17	1 15
M 6	16 57	27 25	3 48	16 5	0 7	16 35	0 27	11 16	1 48	17 20	1 1	15 58	1 50	13 19	0 23	1 35	1 50	27 9	11 30	16 22	16 20	2 57	16 19	1 16
T 7	17 14	27 26	4 31	16 39	0 14	16 59	0 24	11 5	1 49	17 18	1 1	16 0	1 50	13 21	0 23	1 34	1 50	27 10	11 30	16 22	16 19	3 0	16 21	1 16
W 8	17 31	25 57	5 2	17 13	0 20	17 22	0 22	10 54	1 50	17 16	1 1	16 2	1 50	13 22	0 23	1 34	1 50	27 10	11 30	16 22	16 18	3 3	16 23	1 16
T 9	17 48	23 0	5 16	17 46	0 27	17 45	0 20	10 42	1 51	17 14	1 1	16 4	1 50	13 23	0 23	1 33	1 50	27 10	11 31	16 22	16 17	3 7	16 25	1 17
F 10	18 4	18 44	5 14	18 19	0 33	18 7	0 17	10 31	1 51	17 12	1 1	16 6	1 50	13 24	0 23	1 33	1 50	27 11	11 31	16 22	16 16	3 10	16 26	1 17
S 11	18 20	13 23	4 53	18 50	0 39	18 28	0 15	10 20	1 52	17 10	1 1	16 8	1 50	13 25	0 23	1 32	1 50	27 11	11 32	16 22	16 15	3 13	16 28	1 17
S 12	18 36	7 12	4 14	19 21	0 46	18 49	0 13	10 9	1 53	17 8	1 0	16 9	1 50	13 27	0 23	1 32	1 50	27 11	11 32	16 22	16 15	3 16	16 30	1 18
M13	18 52	0 32	3 18	19 50	0 52	19 10	0 10	9 57	1 54	17 6	1 0	16 11	1 50	13 28	0 23	1 32	1 50	27 12	11 33	16 23	16 14	3 20	16 32	1 18
T 14	19 7	6s17	2 8	20 19	0 58	19 30	0 8	9 46	1 54	17 3	1 0	16 13	1 50	13 29	0 23	1 31	1 50	27 12	11 33	16 23	16 13	3 23	16 33	1 18
W15	19 21	12 49	0 49	20 47	1 3	19 49	0 6	9 35	1 55	17 1	1 0	16 15	1 50	13 30	0 23	1 31	1 50	27 12	11 33	16 23	16 12	3 26	16 35	1 19
T 16	19 36	18 36	0s33	21 13	1 9	20 8	0 3	9 24	1 56	16 59	1 0	16 17	1 50	13 31	0 23	1 31	1 50	27 13	11 34	16 23	16 11	3 30	16 37	1 19
F 17	19 50	23 13	1 52	21 39	1 15	20 27	0 1	9 13	1 57	16 57	1 0	16 19	1 50	13 33	0 23	1 30	1 50	27 13	11 34	16 23	16 10	3 33	16 38	1 19
S 18	20 3	26 16	3 3	22 4	1 20	20 45	0s 2	9 2	1 58	16 55	1 0	16 21	1 50	13 34	0 23	1 30	1 50	27 14	11 35	16 22	16 9	3 36	16 40	1 20
S 19	20 17	27 33	4 0	22 27	1 25	21 2	0 4	8 50	1 58	16 53	0 59	16 23	1 50	13 35	0 23	1 30	1 50	27 14	11 35	16 22	16 8	3 39	16 42	1 20
M20	20 29	27 5	4 42	22 50	1 30	21 18	0 6	8 39	1 59	16 51	0 59	16 25	1 50	13 36	0 23	1 29	1 50	27 14	11 35	16 21	16 7	3 43	16 43	1 20
T 21	20 42	25 4	5 7	23 11	1 35	21 34	0 9	8 28	2 0	16 50	0 59	16 26	1 50	13 37	0 23	1 29	1 50	27 15	11 36	16 20	16 6	3 46	16 45	1 21
W22	20 54	21 49	5 16	23 31	1 39	21 50	0 11	8 17	2 1	16 48	0 59	16 28	1 50	13 38	0 23	1 29	1 50	27 15	11 36	16 20	16 5	3 49	16 47	1 21
T 23	21 6	17 40	5 9	23 50	1 43	22 4	0 14	8 6	2 1	16 46	0 59	16 30	1 50	13 39	0 23	1 28	1 50	27 16	11 37	16 20	16 4	3 53	16 48	1 21
F 24	21 17	12 53	4 49	24 8	1 48	22 18	0 16	7 56	2 2	16 44	0 58	16 32	1 50	13 41	0 23	1 28	1 50	27 16	11 37	16 20	16 3	3 56	16 50	1 22
S 25	21 28	7 42	4 16	24 24	1 51	22 32	0 18	7 45	2 3	16 42	0 58	16 34	1 50	13 42	0 23	1 28	1 50	27 17	11 37	16 20	16 2	3 59	16 52	1 22
S 26	21 38	2 18	3 33	24 39	1 55	22 45	0 21	7 34	2 4	16 40	0 58	16 35	1 50	13 43	0 23	1 28	1 49	27 17	11 38	16 20	16 1	4 3	16 53	1 22
M27	21 49	3n10	2 40	24 52	1 58	22 57	0 23	7 23	2 5	16 38	0 58	16 37	1 50	13 44	0 23	1 27	1 49	27 18	11 38	16 21	16 0	4 6	16 55	1 23
T 28	21 58	8 32	1 41	25 4	2 1	23 8	0 25	7 12	2 6	16 36	0 58	16 39	1 50	13 45	0 23	1 27	1 49	27 18	11 39	16 21	15 59	4 9	16 56	1 23
W29	22 7	13 39	0 37	25 15	2 4	23 19	0 28	7 2	2 6	16 35	0 57	16 41	1 50	13 46	0 23	1 27	1 49	27 19	11 39	16 22	15 58	4 12	16 58	1 23
T 30	22s16	18n19	0n29	25s24	2s 6	23s29	0s30	6n51	2n 7	16n33	0s57	16s42	1n50	13s47	0n23	1n27	1s49	27n19	11n39	16n22	15n57	4n16	17s 0	1n24

Julian Day Number = 1983976.5, Delta T = 57m49s
Ecliptic obliquity = 23°36'23, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'30, Lahiri = 6°01'31 Julian Calendar 1 Nov. 719 == Greg. Calendar 5 Nov. 719

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ASTRODIENST EPHEMERIS for the year 719
geocentric

DECEMBER 719 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 49 50	12♐ 9'31	2♊13	22♐51	18♐24	18♍ 9	18°R26	22♏26	7♏41	7°R48	15°R43	14°R41	13♉18	16♈21	21♏55	F 1
S 2	4 53 47	13°10'42	14°40	24°26	19°40	18°37	18♉19	22°32	7°44	7♈48	15♎42	14♉38	13°15	16°28	22° 2	S 2
S 3	4 57 43	14°11'53	27°21	26° 1	20°55	19° 6	18°12	22°39	7°47	7°47	15°42	14°34	13°12	16°34	22° 9	S 3
M 4	5 1 40	15°13'04	10♋15	27°37	22°10	19°34	18° 6	22°46	7°51	7°47	15°41	14°29	13° 8	16°41	22°16	M 4
T 5	5 5 36	16°14'16	23°23	29°12	23°26	20° 2	18° 0	22°52	7°54	7°46	15°40	14°23	13° 5	16°48	22°24	T 5
W 6	5 9 33	17°15'28	6♎44	0♑47	24°41	20°30	17°53	22°59	7°57	7°46	15°40	14°18	13° 2	16°54	22°31	W 6
T 7	5 13 29	18°16'40	20°17	2°21	25°57	20°57	17°47	23° 6	8° 0	7°46	15°39	14°14	12°59	17° 1	22°38	T 7
F 8	5 17 26	19°17'52	4♍ 1	3°55	27°12	21°25	17°41	23°12	8° 3	7°45	15°39	14°11	12°56	17° 8	22°45	F 8
S 9	5 21 23	20°19'05	17°55	5°28	28°27	21°52	17°36	23°19	8° 6	7°45	15°38	14°D10	12°52	17°14	22°52	S 9
S 10	5 25 19	21°20'18	2♎ 0	7° 1	29°43	22°19	17°30	23°25	8° 9	7°45	15°37	14°10	12°49	17°21	22°59	S 10
M11	5 29 16	22°21'32	16°13	8°32	0♑58	22°46	17°24	23°32	8°12	7°45	15°36	14°12	12°46	17°28	23° 6	M11
T 12	5 33 12	23°22'46	0♏34	10° 3	2°14	23°12	17°19	23°38	8°15	7°45	15°36	14°13	12°43	17°34	23°13	T 12
W13	5 37 9	24°24'00	14°59	11°31	3°29	23°38	17°14	23°45	8°18	7°44	15°35	14°R14	12°40	17°41	23°20	W13
T 14	5 41 5	25°25'14	29°25	12°58	4°44	24° 4	17° 9	23°51	8°20	7°44	15°34	14°13	12°37	17°48	23°27	T 14
F 15	5 45 2	26°26'28	13♐46	14°23	6° 0	24°30	17° 4	23°58	8°23	7°44	15°33	14°10	12°33	17°54	23°34	F 15
S 16	5 48 59	27°27'42	27°57	15°44	7°15	24°56	17° 0	24° 4	8°26	7°D44	15°32	14° 4	12°30	18° 1	23°40	S 16
S 17	5 52 55	28°28'56	11♑53	17° 3	8°30	25°21	16°55	24°10	8°29	7°44	15°31	13°57	12°27	18° 8	23°47	S 17
M18	5 56 52	29°30'09	25°30	18°18	9°46	25°46	16°51	24°16	8°31	7°44	15°30	13°49	12°24	18°14	23°54	M18
T 19	6 0 48	0♑31'22	8♒46	19°28	11° 1	26°11	16°47	24°23	8°34	7°44	15°29	13°41	12°21	18°21	24° 0	T 19
W20	6 4 45	1°32'34	21°39	20°33	12°16	26°35	16°43	24°29	8°37	7°45	15°28	13°33	12°18	18°28	24° 7	W20
T 21	6 8 41	2°33'46	4♓11	21°32	13°32	27° 0	16°39	24°35	8°39	7°45	15°27	13°27	12°14	18°34	24°13	T 21
F 22	6 12 38	3°34'57	16°25	22°25	14°47	27°24	16°36	24°41	8°42	7°45	15°26	13°23	12°11	18°41	24°20	F 22
S 23	6 16 34	4°36'07	28°26	23° 9	16° 2	27°47	16°33	24°47	8°44	7°45	15°25	13°21	12° 8	18°47	24°26	S 23
S 24	6 20 31	5°37'16	10♈17	23°45	17°18	28°11	16°29	24°53	8°47	7°45	15°24	13°D21	12° 5	18°54	24°33	S 24
M25	6 24 28	6°38'25	22° 5	24°12	18°33	28°34	16°27	24°59	8°49	7°46	15°23	13°22	12° 2	19° 1	24°39	M25
T 26	6 28 24	7°39'32	3♉55	24°28	19°48	28°57	16°24	25° 4	8°52	7°46	15°22	13°23	11°58	19° 7	24°45	T 26
W27	6 32 21	8°40'39	15°52	24°R34	21° 3	29°19	16°21	25°10	8°54	7°46	15°21	13°R24	11°55	19°14	24°51	W27
T 28	6 36 17	9°41'45	28° 1	24°28	22°19	29°41	16°19	25°16	8°56	7°47	15°20	13°23	11°52	19°21	24°58	T 28
F 29	6 40 14	10°42'50	10♊25	24°10	23°34	0♎ 3	16°17	25°22	8°58	7°47	15°19	13°19	11°49	19°27	25° 4	F 29
S 30	6 44 10	11°43'54	23° 6	23°41	24°49	0°25	16°15	25°27	9° 1	7°48	15°17	13°13	11°46	19°34	25°10	S 30
S 31	6 48 7	12♑44'58	6♋ 6	23♑ 1	26♑ 4	0♎46	16♉13	25♏33	9♏ 3	7♈48	15♎16	13♉ 4	11♉43	19♈41	25♏16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s24	22n18	1n35	25s32	2s 8	23s38	0s32	6n41	2n 8	16n31	0s57	16s44	1n50	13s48	0n23	1n27	1s49	27n20	11n40	16n21	15n56	4n19	17s 1	1n24	F 1
S 2	22 32	25 19	2 37	25 38	2 9	23 46	0 34	6 30	2 9	16 30	0 57	16 46	1 50	13 49	0 23	1 27	1 49	27 20	11 40	16 20	15 55	4 22	17 3	1 24	S 2
S 3	22 40	27 7	3 33	25 43	2 10	23 54	0 37	6 20	2 10	16 28	0 57	16 48	1 50	13 50	0 23	1 26	1 49	27 21	11 41	16 19	15 54	4 26	17 4	1 25	S 3
M 4	22 47	27 30	4 18	25 46	2 11	24 1	0 39	6 9	2 11	16 26	0 56	16 49	1 50	13 51	0 23	1 26	1 49	27 21	11 41	16 18	15 53	4 29	17 6	1 25	M 4
T 5	22 53	26 21	4 51	25 47	2 11	24 7	0 41	5 59	2 11	16 25	0 56	16 51	1 50	13 52	0 23	1 26	1 49	27 22	11 41	16 16	15 53	4 32	17 7	1 26	T 5
W 6	22 59	23 42	5 9	25 47	2 11	24 13	0 43	5 49	2 12	16 23	0 56	16 53	1 50	13 53	0 23	1 26	1 49	27 22	11 42	16 14	15 52	4 35	17 9	1 26	W 6
T 7	23 5	19 43	5 10	25 45	2 10	24 18	0 45	5 39	2 13	16 22	0 56	16 54	1 50	13 54	0 23	1 26	1 49	27 23	11 42	16 13	15 51	4 39	17 10	1 26	T 7
F 8	23 10	14 39	4 53	25 41	2 8	24 22	0 47	5 29	2 14	16 20	0 55	16 56	1 50	13 55	0 23	1 26	1 49	27 24	11 43	16 12	15 50	4 42	17 11	1 27	F 8
S 9	23 15	8 47	4 20	25 36	2 6	24 25	0 49	5 19	2 15	16 19	0 55	16 57	1 50	13 56	0 23	1 26	1 49	27 24	11 43	16 12	15 49	4 45	17 13	1 27	S 9
S 10	23 19	2 24	3 30	25 28	2 4	24 28	0 51	5 9	2 16	16 18	0 55	16 59	1 50	13 57	0 23	1 26	1 49	27 25	11 43	16 12	15 48	4 49	17 14	1 28	S 10
M11	23 23	4s10	2 27	25 20	2 0	24 30	0 53	4 59	2 17	16 16	0 55	17 1	1 50	13 58	0 23	1 26	1 49	27 25	11 44	16 13	15 47	4 52	17 16	1 28	M11
T 12	23 26	10 36	1 14	25 9	1 56	24 31	0 55	4 49	2 17	16 15	0 54	17 2	1 50	13 59	0 23	1 26	1 49	27 26	11 44	16 13	15 46	4 55	17 17	1 28	T 12
W13	23 29	16 31	0s 4	24 57	1 51	24 31	0 57	4 39	2 18	16 14	0 54	17 4	1 50	14 0	0 23	1 26	1 49	27 27	11 44	16 13	15 45	4 58	17 18	1 29	W13
T 14	23 32	21 29	1 22	24 43	1 46	24 30	0 59	4 30	2 19	16 13	0 54	17 5	1 50	14 1	0 23	1 26	1 48	27 27	11 45	16 13	15 44	5 2	17 20	1 29	T 14
F 15	23 33	25 9	2 33	24 28	1 39	24 29	1 1	4 20	2 20	16 12	0 54	17 7	1 50	14 2	0 23	1 26	1 48	27 28	11 45	16 12	15 43	5 5	17 21	1 29	F 15
S 16	23 35	27 10	3 34	24 11	1 32	24 27	1 3	4 11	2 21	16 10	0 53	17 8	1 50	14 3	0 23	1 26	1 48	27 28	11 45	16 10	15 42	5 8	17 22	1 30	S 16
S 17	23 36	27 25	4 22	23 53	1 23	24 24	1 4	4 2	2 22	16 9	0 53	17 10	1 50	14 4	0 23	1 26	1 48	27 29	11 46	16 8	15 41	5 12	17 24	1 30	S 17
M18	23 36	25 59	4 53	23 34	1 14	24 21	1 6	3 53	2 23	16 8	0 53	17 11	1 50	14 5	0 23	1 26	1 48	27 30	11 46	16 6	15 40	5 15	17 25	1 31	M18
T 19	23 36	23 7	5 7	23 14	1 4	24 16	1 8	3 44	2 24	16 8	0 53	17 13	1 50	14 5	0 23	1 26	1 48	27 30	11 46	16 3	15 39	5 18	17 26	1 31	T 19
W20	23 36	19 11	5 5	22 53	0 52	24 11	1 9	3 35	2 25	16 7	0 52	17 14	1 50	14 6	0 23	1 26	1 48	27 31	11 47	16 1	15 38	5 22	17 27	1 32	W20
T 21	23 35	14 31	4 48	22 31	0 40	24 5	1 11	3 26	2 26	16 6	0 52	17 16	1 51	14 7	0 23	1 26	1 48	27 31	11 47	15 59	15 37	5 25	17 28	1 32	T 21
F 22	23 33	9 22	4 19	22 9	0 26	23 59	1 12	3 17	2 27	16 5	0 52	17 17	1 51	14 8	0 23	1 27	1 48	27 32	11 47	15 58	15 36	5 28	17 30	1 32	F 22
S 23	23 32	3 58	3 38	21 48	0 11	23 52	1 14	3 8	2 28	16 4	0 52	17 18	1 51	14 9	0 23	1 27	1 48	27 33	11 48	15 57	15 35	5 31	17 31	1 33	S 23
S 24	23 29	1n31	2 49	21 26	0n 4	23 43	1 15	3 0	2 29	16 4	0 51	17 20	1 51	14 9	0 23	1 27	1 48	27 33	11 48	15 57	15 34	5 35	17 32	1 33	S 24
M25	23 26	6 56	1 52	21 5	0 21	23 35	1 17	2 52	2 30	16 3	0 51	17 21	1 51	14 10	0 23	1 27	1 48	27 34	11 48	15 58	15 33	5 38	17 33	1 34	M25
T 26	23 23	12 7	0 51	20 45	0 38	23 25	1 18	2 43	2 30	16 3	0 51	17 22	1 51	14 11	0 23	1 27	1 48	27 35	11 49	15 58	15 32	5 41	17 34	1 34	T 26
W27	23 19	16 55	0n13	20 26	0 56	23 15	1 19	2 35	2 31	16 2	0 51	17 24	1 51	14 12	0 23	1 27	1 48	27 35	11 49	15 58	15 31	5 45	17 35	1 34	W27
T 28	23 15	21 7	1 18	20 9	1 15	23 4	1 20	2 27	2 32	16 2	0 50	17 25	1 51	14 12	0 23	1 28	1 48	27 36	11 49	15 58	15 30	5 48	17 36	1 35	T 28
F 29	23 10	24 28	2 20	19 54	1 34	22 52	1 22	2 19	2 33	16 2	0 50	17 26	1 51	14 13	0 23	1 28	1 48	27 36	11 49	15 57	15 29	5 51	17 37	1 35	F 29
S 30	23 5	26 41	3 16	19 40	1 52	22 40	1 23	2 12	2 34	16 1	0 50	17 28	1 51	14 14	0 23	1 28	1 48	27 37	11 50	15 55	15 28	5 54	17 38	1 36	S 30
S 31	22s59	27n31	4n 3	19s29	2n10	22s27	1s24	2n 4	2n35	16n 1	0s50	17s29	1n51	14s15	0n23	1n28	1s47	27n38	11n50	15n52	15n27	5n58	17s39	1n36	S 31

Julian Day Number = 1984006.5, Delta T = 57m49s
Ecliptic obliquity = 23°36'23, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'34, Lahiri = 6°01'35 Julian Calendar 1 Dec. 719 == Greg. Calendar 5 Dec. 719

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ASTRODIENST EPHEMERIS for the year 720
geocentric

JANUARY 720 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 52 3	13♑46'00	19♋24	22°R10	27♑19	1♎ 7	16°R12	25♏38	9♏ 5	7♈49	15°R15	12°R54	11♉39	19♈47	25♏22	M 1
T 2	6 56 0	14°47'02	2♌59	21♑11	28°34	1°27	16♉11	25°44	9° 7	7°49	15♌14	12♉43	11°36	19°54	25°27	T 2
W 3	6 59 57	15°48'03	16°46	20° 4	29°49	1°47	16°10	25°49	9° 9	7°50	15°12	12°32	11°33	20° 1	25°33	W 3
T 4	7 3 53	16°49'03	0♍43	18°52	1♒ 5	2° 7	16° 9	25°54	9°11	7°51	15°11	12°23	11°30	20° 7	25°39	T 4
F 5	7 7 50	17°50'02	14°46	17°37	2°20	2°27	16° 8	26° 0	9°13	7°51	15°10	12°17	11°27	20°14	25°45	F 5
S 6	7 11 46	18°51'01	28°51	16°22	3°35	2°46	16° 8	26° 5	9°15	7°52	15° 8	12°12	11°24	20°21	25°50	S 6
S 7	7 15 43	19°51'59	12♎57	15° 7	4°50	3° 4	16° 7	26°10	9°17	7°53	15° 7	12°11	11°20	20°27	25°56	S 7
M 8	7 19 39	20°52'56	27° 3	13°57	6° 5	3°22	16°D 7	26°15	9°18	7°53	15° 6	12°D11	11°17	20°34	26° 1	M 8
T 9	7 23 36	21°53'52	11♏ 7	12°51	7°20	3°40	16° 7	26°20	9°20	7°54	15° 4	12°R11	11°14	20°41	26° 7	T 9
W10	7 27 32	22°54'47	25° 8	11°52	8°35	3°58	16° 8	26°25	9°22	7°55	15° 3	12°10	11°11	20°47	26°12	W10
T 11	7 31 29	23°55'42	9♐ 7	11° 0	9°50	4°15	16° 8	26°30	9°23	7°56	15° 2	12° 8	11° 8	20°54	26°17	T 11
F 12	7 35 26	24°56'36	23° 0	10°17	11° 5	4°31	16° 9	26°34	9°25	7°57	15° 0	12° 2	11° 4	21° 1	26°22	F 12
S 13	7 39 22	25°57'29	6♑45	9°42	12°20	4°47	16°10	26°39	9°27	7°58	14°59	11°54	11° 1	21° 7	26°27	S 13
S 14	7 43 19	26°58'20	20°20	9°15	13°35	5° 3	16°11	26°44	9°28	7°59	14°57	11°43	10°58	21°14	26°32	S 14
M15	7 47 15	27°59'10	3♒40	8°56	14°50	5°18	16°13	26°48	9°29	8° 0	14°56	11°30	10°55	21°21	26°37	M15
T 16	7 51 12	28°59'59	16°44	8°46	16° 4	5°33	16°14	26°53	9°31	8° 1	14°55	11°16	10°52	21°27	26°42	T 16
W17	7 55 8	0♒ 0'47	29°30	8°D44	17°19	5°47	16°16	26°57	9°32	8° 2	14°53	11° 4	10°49	21°34	26°47	W17
T 18	7 59 5	1° 1'32	11♓59	8°48	18°34	6° 1	16°18	27° 1	9°33	8° 3	14°52	10°53	10°45	21°41	26°52	T 18
F 19	8 3 2	2° 2'17	24°12	9° 0	19°49	6°14	16°20	27° 6	9°35	8° 4	14°50	10°45	10°42	21°47	26°56	F 19
S 20	8 6 58	3° 2'59	6♈12	9°18	21° 4	6°26	16°23	27°10	9°36	8° 5	14°49	10°40	10°39	21°54	27° 1	S 20
S 21	8 10 55	4° 3'40	18° 3	9°42	22°19	6°38	16°25	27°14	9°37	8° 7	14°47	10°37	10°36	22° 1	27° 5	S 21
M22	8 14 51	5° 4'19	29°51	10°11	23°33	6°50	16°28	27°18	9°38	8° 8	14°46	10°36	10°33	22° 7	27°10	M22
T 23	8 18 48	6° 4'56	11♉40	10°45	24°48	7° 1	16°31	27°22	9°39	8° 9	14°44	10°36	10°30	22°14	27°14	T 23
W24	8 22 44	7° 5'32	23°37	11°24	26° 3	7°11	16°34	27°26	9°40	8°10	14°43	10°36	10°26	22°20	27°18	W24
T 25	8 26 41	8° 6'06	5♊47	12° 7	27°17	7°21	16°37	27°30	9°41	8°12	14°41	10°34	10°23	22°27	27°22	T 25
F 26	8 30 37	9° 6'38	18°14	12°53	28°32	7°31	16°41	27°33	9°42	8°13	14°40	10°30	10°20	22°34	27°26	F 26
S 27	8 34 34	10° 7'08	1♋ 2	13°44	29°47	7°39	16°45	27°37	9°42	8°14	14°38	10°23	10°17	22°40	27°30	S 27
S 28	8 38 31	11° 7'36	14°14	14°38	1♓ 1	7°47	16°49	27°40	9°43	8°16	14°37	10°13	10°14	22°47	27°34	S 28
M29	8 42 27	12° 8'03	27°50	15°34	2°16	7°55	16°53	27°44	9°44	8°17	14°35	10° 2	10°10	22°54	27°38	M29
T 30	8 46 24	13° 8'27	11♌47	16°34	3°30	8° 2	16°57	27°47	9°44	8°19	14°34	9°49	10° 7	23° 0	27°42	T 30
W31	8 50 20	14♒ 8'50	26♌ 1	17♑36	4♓45	8♎ 8	17♉ 1	27♏50	9♏45	8♈20	14♌32	9♉37	10♉ 4	23♈ 7	27♏45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s53	26n47	4n39	19s20	2n28	22s13	1s25	1n57	2n36	16n 1	0s49	17s30	1n51	14s15	0n23	1n29	1s47	27n38	11n50	15n49	15n26	6n 1	17s40	1n37
T 2	22 47	24 28	4 59	19 14	2 44	21 59	1 26	1 49	2 37	16 1	0 49	17 31	1 51	14 16	0 23	1 29	1 47	27 39	11 51	15 46	15 25	6 4	17 41	1 37
W 3	22 40	20 43	5 2	19 9	2 58	21 44	1 26	1 42	2 38	16 1	0 49	17 32	1 51	14 16	0 23	1 29	1 47	27 40	11 51	15 43	15 24	6 7	17 42	1 38
T 4	22 32	15 47	4 48	19 7	3 11	21 28	1 27	1 35	2 39	16 1	0 48	17 34	1 52	14 17	0 23	1 30	1 47	27 40	11 51	15 40	15 23	6 11	17 43	1 38
F 5	22 25	9 59	4 16	19 7	3 21	21 12	1 28	1 28	2 40	16 1	0 48	17 35	1 52	14 18	0 23	1 30	1 47	27 41	11 51	15 38	15 22	6 14	17 44	1 38
S 6	22 16	3 39	3 29	19 8	3 29	20 55	1 28	1 22	2 41	16 1	0 48	17 36	1 52	14 18	0 24	1 30	1 47	27 42	11 52	15 36	15 21	6 17	17 45	1 39
S 7	22 7	2s52	2 29	19 12	3 34	20 38	1 29	1 15	2 42	16 1	0 48	17 37	1 52	14 19	0 24	1 31	1 47	27 42	11 52	15 36	15 20	6 21	17 46	1 39
M 8	21 58	9 15	1 20	19 16	3 37	20 20	1 30	1 9	2 43	16 1	0 47	17 38	1 52	14 19	0 24	1 31	1 47	27 43	11 52	15 36	15 19	6 24	17 47	1 40
T 9	21 49	15 11	0 6	19 22	3 38	20 1	1 30	1 3	2 44	16 2	0 47	17 39	1 52	14 20	0 24	1 31	1 47	27 44	11 52	15 36	15 18	6 27	17 47	1 40
W10	21 39	20 17	1s 8	19 29	3 36	19 42	1 30	0 57	2 45	16 2	0 47	17 40	1 52	14 20	0 24	1 32	1 47	27 44	11 52	15 36	15 17	6 30	17 48	1 41
T 11	21 28	24 14	2 18	19 37	3 33	19 22	1 31	0 51	2 46	16 2	0 47	17 41	1 52	14 21	0 24	1 32	1 47	27 45	11 53	15 35	15 16	6 34	17 49	1 41
F 12	21 17	26 43	3 18	19 46	3 27	19 2	1 31	0 45	2 47	16 3	0 46	17 42	1 52	14 21	0 24	1 32	1 47	27 45	11 53	15 33	15 15	6 37	17 50	1 42
S 13	21 6	27 32	4 7	19 55	3 20	18 41	1 31	0 40	2 49	16 3	0 46	17 43	1 52	14 22	0 24	1 33	1 47	27 46	11 53	15 31	15 14	6 40	17 50	1 42
S 14	20 55	26 40	4 40	20 5	3 12	18 19	1 31	0 34	2 50	16 4	0 46	17 44	1 53	14 22	0 24	1 33	1 47	27 47	11 53	15 27	15 13	6 44	17 51	1 43
M15	20 43	24 17	4 58	20 15	3 3	17 57	1 31	0 29	2 51	16 5	0 45	17 45	1 53	14 23	0 24	1 34	1 47	27 47	11 53	15 23	15 12	6 47	17 52	1 43
T 16	20 30	20 41	4 59	20 26	2 54	17 35	1 31	0 24	2 52	16 5	0 45	17 46	1 53	14 23	0 24	1 34	1 47	27 48	11 54	15 19	15 11	6 50	17 53	1 44
W17	20 17	16 10	4 46	20 36	2 43	17 12	1 31	0 20	2 53	16 6	0 45	17 47	1 53	14 24	0 24	1 35	1 47	27 49	11 54	15 15	15 10	6 53	17 53	1 44
T 18	20 4	11 5	4 18	20 47	2 32	16 49	1 31	0 15	2 54	16 7	0 45	17 48	1 53	14 24	0 24	1 35	1 46	27 49	11 54	15 12	15 9	6 57	17 54	1 45
F 19	19 51	5 40	3 39	20 57	2 21	16 25	1 31	0 11	2 55	16 8	0 44	17 49	1 53	14 24	0 24	1 36	1 46	27 50	11 54	15 9	15 8	7 0	17 54	1 45
S 20	19 37	0 9	2 51	21 7	2 10	16 0	1 31	0 7	2 56	16 9	0 44	17 50	1 53	14 25	0 24	1 36	1 46	27 50	11 54	15 8	15 7	7 3	17 55	1 46
S 21	19 23	5n20	1 56	21 17	1 58	15 36	1 30	0 3	2 57	16 10	0 44	17 50	1 53	14 25	0 24	1 37	1 46	27 51	11 54	15 7	15 6	7 6	17 55	1 46
M22	19 8	10 37	0 57	21 27	1 47	15 10	1 30	0s 1	2 58	16 11	0 44	17 51	1 53	14 25	0 24	1 37	1 46	27 52	11 55	15 6	15 5	7 10	17 56	1 47
T 23	18 53	15 32	0n 6	21 35	1 35	14 45	1 29	0 4	2 59	16 12	0 43	17 52	1 54	14 26	0 24	1 38	1 46	27 52	11 55	15 6	15 4	7 13	17 56	1 47
W24	18 38	19 55	1 8	21 44	1 24	14 19	1 29	0 7	3 0	16 13	0 43	17 53	1 54	14 26	0 24	1 38	1 46	27 53	11 55	15 6	15 3	7 16	17 57	1 48
T 25	18 22	23 32	2 9	21 51	1 12	13 53	1 28	0 10	3 1	16 14	0 43	17 53	1 54	14 26	0 24	1 39	1 46	27 53	11 55	15 6	15 2	7 19	17 57	1 48
F 26	18 6	26 9	3 5	21 58	1 1	13 26	1 27	0 13	3 2	16 15	0 43	17 54	1 54	14 27	0 24	1 39	1 46	27 54	11 55	15 4	15 1	7 23	17 58	1 49
S 27	17 50	27 29	3 53	22 4	0 50	12 59	1 27	0 16	3 3	16 17	0 42	17 55	1 54	14 27	0 24	1 40	1 46	27 55	11 55	15 2	15 0	7 26	17 58	1 49
S 28	17 33	27 19	4 30	22 9	0 39	12 31	1 26	0 18	3 4	16 18	0 42	17 55	1 54	14 27	0 24	1 41	1 46	27 55	11 55	14 59	14 59	7 29	17 59	1 50
M29	17 17	25 32	4 54	22 13	0 29	12 4	1 25	0 20	3 5	16 20	0 42	17 56	1 54	14 27	0 24	1 41	1 46	27 56	11 55	14 56	14 58	7 32	17 59	1 50
T 30	16 59	22 10	5 0	22 16	0 19	11 36	1 24	0 22	3 6	16 21	0 42	17 57	1 54	14 27	0 24	1 42	1 46	27 56	11 55	14 51	14 57	7 36	17 59	1 51
W31	16s42	17n27	4n48	22s18	0n 9	11s 7	1s23	0s23	3n 7	16n22	0s41	17s57	1n55	14s28	0n24	1n42	1s46	27n57	11n56	14n48	14n56	7n39	18s 0	1n51

Julian Day Number = 1984037.5, Delta T = 57m48s
Ecliptic obliquity = 23°36'23, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'39, Lahiri = 6°01'39 Julian Calendar 1 Jan. 720 == Greg. Calendar 5 Jan. 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

FEBRUARY 720 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 54 17	15♒ 9'12	10♍26	18♉41	5♓59	8♎14	17♉ 6	27♏53	9♏45	8♈21	14°R31	9°R26	10♉ 1	23♈14	27♏49	T 1
F 2	8 58 13	16° 9'31	24°56	19°48	7°14	8°19	17°11	27°57	9°46	8°23	14♏29	9♉18	9°58	23°20	27°52	F 2
S 3	9 2 10	17° 9'49	9♎24	20°57	8°28	8°23	17°16	28° 0	9°46	8°25	14°28	9°13	9°55	23°27	27°55	S 3
S 4	9 6 6	18°10'06	23°46	22° 8	9°42	8°26	17°21	28° 2	9°47	8°26	14°26	9°10	9°51	23°34	27°59	S 4
M 5	9 10 3	19°10'20	7♏59	23°21	10°57	8°29	17°26	28° 5	9°47	8°28	14°25	9°D10	9°48	23°40	28° 2	M 5
T 6	9 13 59	20°10'34	22° 1	24°35	12°11	8°32	17°32	28° 8	9°47	8°29	14°23	9°R10	9°45	23°47	28° 5	T 6
W 7	9 17 56	21°10'46	5♐53	25°52	13°25	8°33	17°37	28°11	9°47	8°31	14°22	9° 9	9°42	23°54	28° 8	W 7
T 8	9 21 53	22°10'56	19°34	27°10	14°39	8°R34	17°43	28°13	9°48	8°33	14°20	9° 6	9°39	24° 0	28°11	T 8
F 9	9 25 49	23°11'05	3♑ 5	28°29	15°54	8°34	17°49	28°16	9°48	8°34	14°19	9° 1	9°36	24° 7	28°13	F 9
S 10	9 29 46	24°11'13	16°25	29°51	17° 8	8°33	17°55	28°18	9°R48	8°36	14°17	8°53	9°32	24°14	28°16	S 10
S 11	9 33 42	25°11'18	29°35	1♒13	18°22	8°31	18° 2	28°20	9°48	8°38	14°16	8°42	9°29	24°20	28°19	S 11
M12	9 37 39	26°11'22	12♒33	2°37	19°36	8°29	18° 8	28°22	9°48	8°40	14°14	8°30	9°26	24°27	28°21	M12
T 13	9 41 35	27°11'23	25°18	4° 2	20°50	8°26	18°15	28°24	9°47	8°41	14°13	8°17	9°23	24°34	28°23	T 13
W14	9 45 32	28°11'23	7♓50	5°29	22° 4	8°22	18°21	28°26	9°47	8°43	14°11	8° 4	9°20	24°40	28°26	W14
T 15	9 49 29	29°11'20	20° 8	6°56	23°18	8°18	18°28	28°28	9°47	8°45	14°10	7°54	9°16	24°47	28°28	T 15
F 16	9 53 25	0♓11'16	2♈15	8°26	24°32	8°12	18°35	28°30	9°47	8°47	14° 8	7°46	9°13	24°53	28°30	F 16
S 17	9 57 22	1°11'09	14°11	9°56	25°46	8° 6	18°43	28°32	9°46	8°49	14° 7	7°40	9°10	25° 0	28°32	S 17
S 18	10 1 18	2°11'00	26° 1	11°28	27° 0	7°59	18°50	28°33	9°46	8°51	14° 5	7°38	9° 7	25° 7	28°34	S 18
M19	10 5 15	3°10'49	7♉48	13° 0	28°13	7°52	18°58	28°35	9°45	8°53	14° 4	7°D37	9° 4	25°13	28°36	M19
T 20	10 9 11	4°10'36	19°36	14°34	29°27	7°43	19° 5	28°36	9°45	8°54	14° 2	7°37	9° 1	25°20	28°37	T 20
W21	10 13 8	5°10'21	1♊32	16°10	0♈41	7°34	19°13	28°37	9°44	8°56	14° 1	7°R38	8°57	25°27	28°39	W21
T 22	10 17 4	6°10'03	13°39	17°46	1°54	7°24	19°21	28°38	9°44	8°58	14° 0	7°38	8°54	25°33	28°40	T 22
F 23	10 21 1	7° 9'43	26° 5	19°24	3° 8	7°13	19°29	28°40	9°43	9° 0	13°58	7°36	8°51	25°40	28°42	F 23
S 24	10 24 57	8° 9'20	8♋53	21° 3	4°22	7° 2	19°37	28°41	9°42	9° 2	13°57	7°32	8°48	25°47	28°43	S 24
S 25	10 28 54	9° 8'55	22° 7	22°43	5°35	6°50	19°46	28°41	9°42	9° 4	13°56	7°25	8°45	25°53	28°44	S 25
M26	10 32 51	10° 8'28	5♌49	24°24	6°49	6°37	19°54	28°42	9°41	9° 6	13°54	7°17	8°42	26° 0	28°45	M26
T 27	10 36 47	11° 7'59	19°57	26° 7	8° 2	6°23	20° 3	28°43	9°40	9° 8	13°53	7° 8	8°38	26° 7	28°46	T 27
W28	10 40 44	12° 7'27	4♍27	27°51	9°15	6° 8	20°12	28°43	9°39	9°10	13°52	6°59	8°35	26°13	28°47	W28
T 29	10 44 40	13♓ 6'53	19♍13	29♒36	10♈29	5♎53	20♉21	28♏44	9♏38	9♈12	13♌50	6♉51	8♉32	26♈20	28♏48	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16s24	11n41	4n18	22s19	0s 1	10s39	1s22	0s25	3n 8	16n24	0s41	17s58	1n55	14s28	0n24	1n43	1s46	27n57	11n56	14n44	14n55	7n42	18s 0	1n52	T 1
F 2	16 6	5 15	3 31	22 18	0 10	10 10	1 21	0 26	3 9	16 26	0 41	17 58	1 55	14 28	0 24	1 44	1 46	27 58	11 56	14 42	14 54	7 46	18 0	1 52	F 2
S 3	15 48	1s27	2 30	22 17	0 20	9 41	1 19	0 27	3 10	16 27	0 41	17 59	1 55	14 28	0 24	1 44	1 46	27 58	11 56	14 40	14 53	7 49	18 0	1 53	S 3
S 4	15 29	8 2	1 21	22 14	0 28	9 11	1 18	0 27	3 10	16 29	0 40	17 59	1 55	14 28	0 24	1 45	1 46	27 59	11 56	14 39	14 52	7 52	18 1	1 53	S 4
M 5	15 11	14 10	0 6	22 11	0 37	8 42	1 17	0 28	3 11	16 31	0 40	18 0	1 55	14 28	0 24	1 46	1 46	27 59	11 56	14 39	14 51	7 55	18 1	1 54	M 5
T 6	14 52	19 29	1s 8	22 6	0 45	8 12	1 15	0 28	3 12	16 32	0 40	18 0	1 55	14 28	0 24	1 46	1 46	28 0	11 56	14 39	14 50	7 59	18 1	1 54	T 6
W 7	14 32	23 41	2 16	21 59	0 53	7 42	1 14	0 28	3 13	16 34	0 40	18 1	1 56	14 28	0 24	1 47	1 46	28 0	11 56	14 39	14 49	8 2	18 1	1 55	W 7
T 8	14 13	26 27	3 16	21 51	1 0	7 12	1 12	0 27	3 14	16 36	0 40	18 1	1 56	14 28	0 24	1 48	1 45	28 1	11 56	14 38	14 48	8 5	18 1	1 55	T 8
F 9	13 53	27 39	4 5	21 43	1 8	6 41	1 11	0 26	3 15	16 38	0 39	18 2	1 56	14 28	0 24	1 49	1 45	28 1	11 56	14 36	14 47	8 8	18 1	1 56	F 9
S 10	13 33	27 12	4 39	21 32	1 14	6 11	1 9	0 25	3 15	16 40	0 39	18 2	1 56	14 28	0 24	1 49	1 45	28 2	11 56	14 34	14 46	8 12	18 1	1 56	S 10
S 11	13 13	25 13	4 57	21 20	1 21	5 40	1 7	0 24	3 16	16 42	0 39	18 2	1 56	14 28	0 24	1 50	1 45	28 2	11 56	14 30	14 45	8 15	18 1	1 57	S 11
M12	12 53	21 57	5 0	21 7	1 27	5 9	1 5	0 22	3 17	16 44	0 39	18 3	1 56	14 28	0 24	1 51	1 45	28 3	11 56	14 26	14 44	8 18	18 1	1 57	M12
T 13	12 32	17 42	4 48	20 53	1 33	4 38	1 4	0 21	3 18	16 46	0 38	18 3	1 56	14 28	0 24	1 51	1 45	28 3	11 56	14 22	14 43	8 21	18 1	1 58	T 13
W14	12 11	12 44	4 22	20 37	1 38	4 7	1 2	0 18	3 18	16 48	0 38	18 3	1 57	14 28	0 24	1 52	1 45	28 4	11 56	14 18	14 42	8 24	18 1	1 59	W14
T 15	11 50	7 22	3 44	20 20	1 43	3 35	1 0	0 16	3 19	16 50	0 38	18 4	1 57	14 28	0 24	1 53	1 45	28 4	11 56	14 14	14 41	8 28	18 1	1 59	T 15
F 16	11 29	1 48	2 57	20 1	1 48	3 4	0 58	0 13	3 20	16 53	0 38	18 4	1 57	14 28	0 24	1 54	1 45	28 5	11 56	14 12	14 40	8 31	18 1	2 0	F 16
S 17	11 8	3n46	2 1	19 41	1 52	2 33	0 56	0 11	3 20	16 55	0 37	18 4	1 57	14 28	0 24	1 54	1 45	28 5	11 56	14 10	14 39	8 34	18 1	2 0	S 17
S 18	10 46	9 10	1 2	19 19	1 56	2 1	0 53	0 7	3 21	16 57	0 37	18 4	1 57	14 28	0 24	1 55	1 45	28 5	11 56	14 9	14 38	8 37	18 1	2 1	S 18
M19	10 25	14 13	0n 1	18 56	2 0	1 30	0 51	0 4	3 21	16 59	0 37	18 5	1 57	14 28	0 24	1 56	1 45	28 6	11 56	14 9	14 37	8 41	18 1	2 1	M19
T 20	10 3	18 47	1 4	18 32	2 3	0 58	0 49	0 0	3 21	17 2	0 37	18 5	1 57	14 27	0 24	1 57	1 45	28 6	11 56	14 9	14 36	8 44	18 1	2 2	T 20
W21	9 41	22 38	2 4	18 6	2 5	0 26	0 47	0n 4	3 22	17 4	0 37	18 5	1 58	14 27	0 24	1 58	1 45	28 7	11 56	14 9	14 35	8 47	18 0	2 2	W21
T 22	9 19	25 35	3 0	17 38	2 8	0n 5	0 44	0 8	3 22	17 6	0 36	18 5	1 58	14 27	0 24	1 58	1 45	28 7	11 56	14 9	14 34	8 50	18 0	2 3	T 22
F 23	8 56	27 22	3 49	17 9	2 10	0 37	0 42	0 13	3 22	17 9	0 36	18 5	1 58	14 27	0 24	1 59	1 45	28 7	11 56	14 8	14 33	8 54	18 0	2 4	F 23
S 24	8 34	27 46	4 28	16 39	2 11	1 8	0 40	0 17	3 23	17 11	0 36	18 5	1 58	14 27	0 24	2 0	1 45	28 8	11 56	14 7	14 32	8 57	18 0	2 4	S 24
S 25	8 12	26 37	4 55	16 7	2 12	1 40	0 37	0 22	3 23	17 14	0 36	18 5	1 58	14 26	0 24	2 1	1 45	28 8	11 56	14 5	14 31	9 0	17 59	2 5	S 25
M26	7 49	23 52	5 5	15 33	2 12	2 12	0 35	0 28	3 23	17 16	0 36	18 5	1 58	14 26	0 24	2 2	1 45	28 8	11 55	14 2	14 30	9 3	17 59	2 5	M26
T 27	7 26	19 38	4 58	14 59	2 13	2 43	0 32	0 33	3 23	17 19	0 35	18 5	1 58	14 26	0 24	2 3	1 45	28 9	11 55	13 59	14 29	9 7	17 59	2 6	T 27
W28	7 4	14 9	4 31	14 22	2 12	3 15	0 29	0 39	3 23	17 21	0 35	18 5	1 59	14 25	0 24	2 3	1 45	28 9	11 55	13 56	14 28	9 10	17 58	2 6	W28
T 29	6s41	7n46	3n47	13s44	2s11	3n46	0s27	0n45	3n23	17n24	0s35	18s 5	1n59	14s25	0n24	2n 4	1s45	28n 9	11n55	13n54	14n27	9n13	17s58	2n 7	T 29

Julian Day Number = 1984068.5, Delta T = 57m47s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'43, Lahiri = 6°01'43 Julian Calendar 1 Feb. 720 == Greg. Calendar 5 Feb. 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

MARCH 720 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 48 37	14♓ 6'18	4♎ 7	1♓23	11♈42	5°R38	20♉30	28♏44	9°R37	9♈15	13°R49	6°R45	8♉29	26♈27	28♏48	F 1
S 2	10 52 33	15° 5'40	19° 0	3°11	12°55	5♎21	20°39	28°45	9♏36	9°17	13♌48	6♉42	8°26	26°33	28°49	S 2
S 3	10 56 30	16° 5'00	3♏46	5° 0	14° 8	5° 4	20°48	28°45	9°35	9°19	13°47	6°D40	8°22	26°40	28°49	S 3
M 4	11 0 26	17° 4'18	18°17	6°50	15°21	4°47	20°57	28°R45	9°34	9°21	13°45	6°41	8°19	26°46	28°50	M 4
T 5	11 4 23	18° 3'35	2♐31	8°42	16°34	4°28	21° 7	28°45	9°32	9°23	13°44	6°42	8°16	26°53	28°50	T 5
W 6	11 8 20	19° 2'50	16°27	10°35	17°47	4° 9	21°16	28°45	9°31	9°25	13°43	6°R43	8°13	27° 0	28°50	W 6
T 7	11 12 16	20° 2'03	0♑ 4	12°30	19° 0	3°50	21°26	28°45	9°30	9°27	13°42	6°42	8°10	27° 6	28°R50	T 7
F 8	11 16 13	21° 1'14	13°25	14°25	20°13	3°30	21°36	28°44	9°29	9°29	13°41	6°40	8° 7	27°13	28°50	F 8
S 9	11 20 9	22° 0'24	26°30	16°22	21°26	3°10	21°46	28°44	9°27	9°32	13°39	6°36	8° 3	27°20	28°50	S 9
S 10	11 24 6	22°59'31	9♒20	18°21	22°39	2°49	21°56	28°43	9°26	9°34	13°38	6°29	8° 0	27°26	28°50	S 10
M11	11 28 2	23°58'37	21°58	20°20	23°52	2°28	22° 6	28°43	9°24	9°36	13°37	6°22	7°57	27°33	28°50	M11
T 12	11 31 59	24°57'41	4♓25	22°21	25° 4	2° 6	22°16	28°42	9°23	9°38	13°36	6°14	7°54	27°40	28°49	T 12
W13	11 35 55	25°56'42	16°40	24°23	26°17	1°44	22°26	28°41	9°21	9°40	13°35	6° 7	7°51	27°46	28°49	W13
T 14	11 39 52	26°55'42	28°46	26°26	27°30	1°22	22°37	28°40	9°20	9°43	13°34	6° 1	7°48	27°53	28°48	T 14
F 15	11 43 49	27°54'39	10♈44	28°30	28°42	1° 0	22°47	28°39	9°18	9°45	13°33	5°56	7°44	28° 0	28°47	F 15
S 16	11 47 45	28°53'35	22°35	0♈34	29°54	0°37	22°58	28°38	9°16	9°47	13°32	5°53	7°41	28° 6	28°46	S 16
S 17	11 51 42	29°52'28	4♉23	2°39	1♉ 7	0°14	23° 9	28°37	9°15	9°49	13°31	5°D52	7°38	28°13	28°45	S 17
M18	11 55 38	0♈51'19	16° 9	4°45	2°19	29♍51	23°20	28°36	9°13	9°52	13°30	5°53	7°35	28°20	28°44	M18
T 19	11 59 35	1°50'08	27°58	6°51	3°31	29°28	23°31	28°34	9°11	9°54	13°29	5°54	7°32	28°26	28°43	T 19
W20	12 3 31	2°48'54	9♊54	8°56	4°44	29° 5	23°42	28°33	9° 9	9°56	13°28	5°56	7°28	28°33	28°42	W20
T 21	12 7 28	3°47'39	22° 1	11° 1	5°56	28°43	23°53	28°31	9° 7	9°58	13°27	5°57	7°25	28°39	28°41	T 21
F 22	12 11 24	4°46'21	4♋25	13° 6	7° 8	28°20	24° 4	28°30	9° 6	10° 1	13°27	5°R58	7°22	28°46	28°39	F 22
S 23	12 15 21	5°45'00	17°10	15°10	8°20	27°57	24°15	28°28	9° 4	10° 3	13°26	5°57	7°19	28°53	28°38	S 23
S 24	12 19 18	6°43'38	0♌19	17°12	9°32	27°35	24°26	28°26	9° 2	10° 5	13°25	5°55	7°16	28°59	28°36	S 24
M25	12 23 14	7°42'13	13°56	19°13	10°43	27°12	24°38	28°24	9° 0	10° 7	13°24	5°52	7°13	29° 6	28°35	M25
T 26	12 27 11	8°40'46	28° 2	21°11	11°55	26°50	24°49	28°22	8°58	10°10	13°23	5°49	7° 9	29°13	28°33	T 26
W27	12 31 7	9°39'17	12♍33	23° 8	13° 7	26°29	25° 1	28°20	8°56	10°12	13°23	5°45	7° 6	29°19	28°31	W27
T 28	12 35 4	10°37'45	27°25	25° 2	14°18	26° 7	25°13	28°18	8°54	10°14	13°22	5°42	7° 3	29°26	28°29	T 28
F 29	12 39 0	11°36'12	12♎31	26°53	15°30	25°46	25°24	28°16	8°51	10°16	13°21	5°39	7° 0	29°33	28°27	F 29
S 30	12 42 57	12°34'36	27°41	28°40	16°41	25°26	25°36	28°13	8°49	10°19	13°21	5°38	6°57	29°39	28°25	S 30
S 31	12 46 53	13♈32'59	12♏45	0♉24	17♉53	25♍ 6	25♉48	28♏11	8♏47	10♈21	13♌20	5°D38	6♉53	29♈46	28♏23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	6s18	0n53	2n46	13s 5	2s10	4n17	0s24	0n51	3n22	17n26	0s35	18s 5	1n59	14s25	0n24	2n 5	1s45	28n10	11n55	13n52	14n26	9n16	17s58	2n 7	F 1
S 2	5 55	6s 3	1 34	12 24	2 8	4 49	0 21	0 57	3 22	17 29	0 35	18 5	1 59	14 24	0 24	2 6	1 45	28 10	11 55	13 51	14 25	9 19	17 57	2 8	S 2
S 3	5 32	12 37	0 16	11 42	2 6	5 20	0 19	1 3	3 22	17 32	0 34	18 5	1 59	14 24	0 24	2 7	1 45	28 10	11 55	13 50	14 24	9 23	17 57	2 9	S 3
M 4	5 8	18 23	1s 2	10 58	2 3	5 51	0 16	1 10	3 21	17 34	0 34	18 5	1 59	14 24	0 24	2 8	1 45	28 10	11 55	13 50	14 23	9 26	17 56	2 9	M 4
T 5	4 45	23 1	2 15	10 13	2 0	6 22	0 13	1 17	3 21	17 37	0 34	18 5	1 59	14 23	0 24	2 8	1 45	28 11	11 55	13 51	14 22	9 29	17 56	2 10	T 5
W 6	4 22	26 11	3 18	9 26	1 56	6 52	0 10	1 24	3 20	17 40	0 34	18 5	2 0	14 23	0 24	2 9	1 45	28 11	11 54	13 51	14 21	9 32	17 55	2 10	W 6
T 7	3 58	27 45	4 8	8 38	1 51	7 23	0 7	1 31	3 20	17 42	0 34	18 4	2 0	14 22	0 24	2 10	1 45	28 11	11 54	13 51	14 20	9 35	17 55	2 11	T 7
F 8	3 35	27 38	4 44	7 48	1 46	7 53	0 4	1 38	3 19	17 45	0 33	18 4	2 0	14 22	0 24	2 11	1 45	28 11	11 54	13 50	14 19	9 39	17 54	2 11	F 8
S 9	3 12	25 58	5 4	6 58	1 41	8 24	0 1	1 46	3 18	17 48	0 33	18 4	2 0	14 22	0 24	2 12	1 45	28 12	11 54	13 49	14 17	9 42	17 54	2 12	S 9
S 10	2 48	22 59	5 8	6 6	1 35	8 54	0n 2	1 53	3 17	17 51	0 33	18 4	2 0	14 21	0 24	2 13	1 45	28 12	11 54	13 47	14 16	9 45	17 53	2 13	S 10
M11	2 25	18 58	4 57	5 12	1 28	9 24	0 5	2 1	3 16	17 53	0 33	18 3	2 0	14 21	0 24	2 14	1 45	28 12	11 54	13 44	14 15	9 48	17 52	2 13	M11
T 12	2 1	14 11	4 33	4 18	1 21	9 53	0 8	2 8	3 15	17 56	0 33	18 3	2 0	14 20	0 24	2 15	1 45	28 12	11 54	13 42	14 14	9 52	17 52	2 14	T 12
W13	1 37	8 54	3 55	3 22	1 14	10 23	0 11	2 16	3 14	17 59	0 32	18 3	2 1	14 20	0 24	2 15	1 45	28 12	11 53	13 39	14 13	9 55	17 51	2 14	W13
T 14	1 14	3 22	3 8	2 26	1 6	10 52	0 14	2 24	3 13	18 2	0 32	18 2	2 1	14 19	0 24	2 16	1 45	28 12	11 53	13 37	14 12	9 58	17 50	2 15	T 14
F 15	0 50	2n15	2 13	1 28	0 57	11 21	0 17	2 31	3 11	18 5	0 32	18 2	2 1	14 19	0 24	2 17	1 45	28 13	11 53	13 36	14 11	10 1	17 50	2 15	F 15
S 16	0 27	7 44	1 12	0 30	0 48	11 50	0 20	2 39	3 10	18 8	0 32	18 2	2 1	14 18	0 24	2 18	1 45	28 13	11 53	13 35	14 10	10 4	17 49	2 16	S 16
S 17	0 3	12 57	0 8	0n29	0 39	12 18	0 23	2 47	3 8	18 11	0 32	18 1	2 1	14 17	0 24	2 19	1 45	28 13	11 53	13 34	14 9	10 8	17 48	2 17	S 17
M18	0n21	17 41	0n56	1 28	0 29	12 46	0 26	2 55	3 7	18 13	0 32	18 1	2 1	14 17	0 24	2 20	1 45	28 13	11 52	13 34	14 8	10 11	17 47	2 17	M18
T 19	0 44	21 46	1 58	2 27	0 18	13 14	0 29	3 2	3 5	18 16	0 31	18 1	2 1	14 16	0 24	2 21	1 45	28 13	11 52	13 35	14 7	10 14	17 47	2 18	T 19
W20	1 8	24 59	2 56	3 27	0 8	13 41	0 32	3 10	3 3	18 19	0 31	18 0	2 1	14 16	0 24	2 22	1 45	28 13	11 52	13 35	14 6	10 17	17 46	2 18	W20
T 21	1 31	27 8	3 46	4 26	0n 3	14 9	0 35	3 17	3 2	18 22	0 31	18 0	2 2	14 15	0 24	2 23	1 45	28 13	11 52	13 36	14 5	10 20	17 45	2 19	T 21
F 22	1 55	27 59	4 28	5 26	0 14	14 35	0 38	3 25	3 0	18 25	0 31	17 59	2 2	14 15	0 24	2 23	1 45	28 13	11 52	13 36	14 4	10 24	17 44	2 19	F 22
S 23	2 18	27 24	4 57	6 24	0 25	15 2	0 41	3 32	2 58	18 28	0 31	17 59	2 2	14 14	0 24	2 24	1 45	28 13	11 51	13 36	14 3	10 27	17 43	2 20	S 23
S 24	2 41	25 18	5 12	7 22	0 37	15 28	0 44	3 39	2 56	18 31	0 31	17 58	2 2	14 13	0 24	2 25	1 45	28 13	11 51	13 35	14 2	10 30	17 42	2 20	S 24
M25	3 5	21 43	5 11	8 19	0 48	15 54	0 47	3 46	2 53	18 34	0 30	17 58	2 2	14 13	0 24	2 26	1 45	28 13	11 51	13 34	14 1	10 33	17 41	2 21	M25
T 26	3 28	16 47	4 51	9 14	0 59	16 19	0 51	3 53	2 51	18 37	0 30	17 57	2 2	14 12	0 24	2 27	1 45	28 13	11 51	13 33	14 0	10 36	17 40	2 22	T 26
W27	3 51	10 46	4 12	10 8	1 10	16 44	0 54	3 59	2 49	18 40	0 30	17 57	2 2	14 11	0 24	2 28	1 45	28 13	11 51	13 32	13 59	10 39	17 40	2 22	W27
T 28	4 14	4 1	3 15	11 0	1 21	17 9	0 57	4 6	2 47	18 43	0 30	17 56	2 2	14 11	0 24	2 29	1 45	28 13	11 50	13 31	13 58	10 43	17 39	2 23	T 28
F 29	4 37	3s 5	2 4	11 50	1 31	17 33	1 0	4 12	2 44	18 46	0 30	17 55	2 2	14 10	0 24	2 30	1 45	28 13	11 50	13 30	13 57	10 46	17 38	2 23	F 29
S 30	5 0	10 2	0 44	12 39	1 41	17 57	1 3	4 18	2 42	18 49	0 30	17 55	2 3	14 9	0 24	2 31	1 45	28 13	11 50	13 30	13 56	10 49	17 37	2 24	S 30
S 31	5n23	16s24	0s39	13n25	1n50	18n20	1n 6	4n24	2n39	18n52	0s30	17s54	2n 3	14s 9	0n24	2n31	1s45	28n13	11n50	13n29	13n55	10n52	17s36	2n24	S 31

Julian Day Number = 1984097.5, Delta T = 57m46s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'47, Lahiri = 6°01'47 Julian Calendar 1 March 720 == Greg. Calendar 5 March 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

APRIL 720 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 50 50	14♈31'20	27♏37	2♉ 5	19♉ 4	24°R46	26♉ 0	28°R 8	8°R45	10♈23	13°R19	5♉39	6♉50	29♈53	28°R20	M 1
T 2	12 54 46	15°29'40	12♐ 8	3°42	20°15	24♍27	26°12	28♏ 6	8♏43	10°25	13♌19	5°40	6°47	29°59	28♏18	T 2
W 3	12 58 43	16°27'58	26°17	5°15	21°26	24° 8	26°24	28° 3	8°40	10°28	13°18	5°41	6°44	0♉ 6	28°16	W 3
T 4	13 2 40	17°26'14	10♑ 2	6°43	22°37	23°50	26°36	28° 0	8°38	10°30	13°18	5°42	6°41	0°13	28°13	T 4
F 5	13 6 36	18°24'29	23°23	8° 8	23°48	23°33	26°48	27°58	8°36	10°32	13°17	5°R42	6°38	0°19	28°11	F 5
S 6	13 10 33	19°22'43	6♒23	9°28	24°59	23°16	27° 1	27°55	8°34	10°34	13°17	5°42	6°34	0°26	28° 8	S 6
S 7	13 14 29	20°20'54	19° 4	10°43	26°10	23° 0	27°13	27°52	8°31	10°37	13°17	5°40	6°31	0°32	28° 5	S 7
M 8	13 18 26	21°19'04	1♓30	11°54	27°21	22°44	27°25	27°49	8°29	10°39	13°16	5°38	6°28	0°39	28° 2	M 8
T 9	13 22 22	22°17'13	13°43	13° 0	28°32	22°30	27°38	27°45	8°27	10°41	13°16	5°36	6°25	0°46	27°59	T 9
W10	13 26 19	23°15'20	25°46	14° 2	29°42	22°15	27°50	27°42	8°24	10°43	13°15	5°34	6°22	0°52	27°56	W10
T 11	13 30 15	24°13'25	7♈41	14°59	0♊53	22° 2	28° 3	27°39	8°22	10°46	13°15	5°33	6°19	0°59	27°53	T 11
F 12	13 34 12	25°11'29	19°32	15°50	2° 3	21°50	28°16	27°36	8°19	10°48	13°15	5°32	6°15	1° 6	27°50	F 12
S 13	13 38 9	26° 9'31	1♉19	16°37	3°13	21°38	28°28	27°32	8°17	10°50	13°15	5°D31	6°12	1°12	27°47	S 13
S 14	13 42 5	27° 7'31	13° 6	17°19	4°23	21°27	28°41	27°29	8°15	10°52	13°14	5°31	6° 9	1°19	27°44	S 14
M15	13 46 2	28° 5'30	24°55	17°56	5°34	21°17	28°54	27°25	8°12	10°54	13°14	5°32	6° 6	1°26	27°41	M15
T 16	13 49 58	29° 3'27	6♊48	18°28	6°44	21° 7	29° 7	27°22	8°10	10°57	13°14	5°33	6° 3	1°32	27°37	T 16
W17	13 53 55	0♉ 1'22	18°48	18°55	7°53	20°59	29°20	27°18	8° 7	10°59	13°14	5°33	5°59	1°39	27°34	W17
T 18	13 57 51	0°59'16	1♋ 0	19°17	9° 3	20°51	29°32	27°14	8° 5	11° 1	13°14	5°34	5°56	1°46	27°30	T 18
F 19	14 1 48	1°57'08	13°25	19°33	10°13	20°44	29°45	27°11	8° 2	11° 3	13°14	5°34	5°53	1°52	27°27	F 19
S 20	14 5 44	2°54'58	26° 9	19°45	11°23	20°38	29°58	27° 7	8° 0	11° 5	13°14	5°34	5°50	1°59	27°23	S 20
S 21	14 9 41	3°52'46	9♌14	19°51	12°32	20°32	0♊11	27° 3	7°57	11° 7	13°D14	5°R34	5°47	2° 5	27°20	S 21
M22	14 13 38	4°50'32	22°43	19°R53	13°41	20°28	0°25	26°59	7°55	11° 9	13°14	5°34	5°44	2°12	27°16	M22
T 23	14 17 34	5°48'17	6♍38	19°49	14°51	20°24	0°38	26°55	7°52	11°12	13°14	5°D34	5°40	2°19	27°12	T 23
W24	14 21 31	6°45'59	20°59	19°42	16° 0	20°21	0°51	26°51	7°50	11°14	13°14	5°34	5°37	2°25	27° 9	W24
T 25	14 25 27	7°43'40	5♎43	19°29	17° 9	20°19	1° 4	26°47	7°47	11°16	13°14	5°34	5°34	2°32	27° 5	T 25
F 26	14 29 24	8°41'20	20°44	19°13	18°18	20°18	1°17	26°43	7°45	11°18	13°14	5°35	5°31	2°39	27° 1	F 26
S 27	14 33 20	9°38'58	5♏55	18°52	19°27	20°D17	1°31	26°39	7°42	11°20	13°14	5°R35	5°28	2°45	26°57	S 27
S 28	14 37 17	10°36'35	21° 6	18°28	20°35	20°18	1°44	26°35	7°40	11°22	13°14	5°35	5°25	2°52	26°53	S 28
M29	14 41 13	11°34'11	6♐ 8	18° 2	21°44	20°19	1°57	26°31	7°37	11°24	13°14	5°34	5°21	2°59	26°49	M29
T 30	14 45 10	12♉31'45	20♐53	17♉32	22♊52	20♍20	2♊11	26♏27	7♏35	11♈26	13♌15	5♉33	5♉18	3♉ 5	26♏45	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n46	21s41	1s58	14n 8	1n59	18n43	1n 9	4n29	2n37	18n55	0s29	17s53	2n 3	14s 8	0n24	2n32	1s45	28n13	11n49	13n30	13n54	10n55	17s35	2n25
T 2	6 8	25 31	3 8	14 50	2 7	19 5	1 12	4 35	2 34	18 58	0 29	17 53	2 3	14 7	0 24	2 33	1 45	28 13	11 49	13 30	13 52	10 58	17 34	2 25
W 3	6 31	27 38	4 5	15 29	2 15	19 27	1 15	4 40	2 32	19 1	0 29	17 52	2 3	14 6	0 24	2 34	1 45	28 13	11 49	13 31	13 51	11 2	17 32	2 26
T 4	6 54	27 58	4 45	16 5	2 22	19 48	1 17	4 44	2 29	19 4	0 29	17 51	2 3	14 6	0 24	2 35	1 45	28 13	11 49	13 31	13 50	11 5	17 31	2 26
F 5	7 16	26 38	5 9	16 38	2 28	20 9	1 20	4 49	2 26	19 7	0 29	17 51	2 3	14 5	0 24	2 36	1 45	28 13	11 48	13 31	13 49	11 8	17 30	2 27
S 6	7 38	23 54	5 16	17 9	2 33	20 29	1 23	4 53	2 23	19 10	0 29	17 50	2 3	14 4	0 24	2 37	1 45	28 13	11 48	13 31	13 48	11 11	17 29	2 27
S 7	8 0	20 4	5 8	17 38	2 37	20 49	1 26	4 57	2 21	19 13	0 28	17 49	2 3	14 3	0 24	2 38	1 45	28 13	11 48	13 30	13 47	11 14	17 28	2 28
M 8	8 22	15 26	4 45	18 3	2 41	21 9	1 29	5 1	2 18	19 16	0 28	17 48	2 3	14 3	0 24	2 39	1 45	28 13	11 48	13 30	13 46	11 17	17 27	2 29
T 9	8 44	10 16	4 9	18 26	2 43	21 27	1 31	5 4	2 15	19 19	0 28	17 48	2 3	14 2	0 24	2 39	1 45	28 13	11 47	13 29	13 45	11 21	17 26	2 29
W10	9 6	4 48	3 23	18 47	2 45	21 46	1 34	5 7	2 12	19 22	0 28	17 47	2 3	14 1	0 24	2 40	1 45	28 12	11 47	13 28	13 44	11 24	17 25	2 30
T 11	9 27	0n48	2 28	19 5	2 45	22 3	1 37	5 10	2 10	19 25	0 28	17 46	2 4	14 0	0 24	2 41	1 45	28 12	11 47	13 28	13 43	11 27	17 23	2 30
F 12	9 49	6 21	1 28	19 20	2 45	22 20	1 39	5 12	2 7	19 28	0 28	17 45	2 4	14 0	0 24	2 42	1 45	28 12	11 47	13 27	13 42	11 30	17 22	2 31
S 13	10 10	11 39	0 23	19 32	2 44	22 37	1 42	5 14	2 4	19 31	0 28	17 44	2 4	13 59	0 24	2 43	1 45	28 12	11 46	13 27	13 41	11 33	17 21	2 31
S 14	10 31	16 33	0n42	19 42	2 41	22 53	1 44	5 16	2 1	19 34	0 27	17 44	2 4	13 58	0 24	2 44	1 45	28 12	11 46	13 27	13 40	11 36	17 20	2 32
M15	10 52	20 50	1 46	19 49	2 38	23 8	1 47	5 17	1 58	19 37	0 27	17 43	2 4	13 57	0 24	2 44	1 45	28 12	11 46	13 27	13 39	11 40	17 19	2 32
T 16	11 13	24 19	2 45	19 53	2 33	23 23	1 49	5 18	1 55	19 39	0 27	17 42	2 4	13 57	0 24	2 45	1 45	28 11	11 46	13 28	13 38	11 43	17 17	2 33
W17	11 34	26 45	3 38	19 55	2 27	23 37	1 52	5 19	1 53	19 42	0 27	17 41	2 4	13 56	0 24	2 46	1 45	28 11	11 45	13 28	13 37	11 46	17 16	2 33
T 18	11 54	27 58	4 22	19 55	2 20	23 50	1 54	5 20	1 50	19 45	0 27	17 40	2 4	13 55	0 24	2 47	1 45	28 11	11 45	13 28	13 36	11 49	17 15	2 34
F 19	12 14	27 48	4 54	19 52	2 12	24 3	1 56	5 20	1 47	19 48	0 27	17 39	2 4	13 54	0 24	2 48	1 45	28 11	11 45	13 28	13 35	11 52	17 14	2 34
S 20	12 34	26 12	5 14	19 46	2 3	24 15	1 58	5 20	1 44	19 51	0 27	17 38	2 4	13 53	0 24	2 49	1 45	28 10	11 45	13 28	13 33	11 55	17 12	2 34
S 21	12 54	23 10	5 17	19 38	1 53	24 27	2 0	5 19	1 41	19 54	0 27	17 37	2 4	13 52	0 24	2 49	1 45	28 10	11 44	13 28	13 32	11 58	17 11	2 35
M22	13 14	18 49	5 4	19 27	1 41	24 38	2 3	5 19	1 38	19 57	0 26	17 37	2 4	13 52	0 24	2 50	1 45	28 10	11 44	13 28	13 31	12 1	17 10	2 35
T 23	13 33	13 21	4 32	19 15	1 29	24 48	2 4	5 18	1 36	20 0	0 26	17 36	2 4	13 51	0 24	2 51	1 45	28 10	11 44	13 28	13 30	12 5	17 9	2 36
W24	13 52	7 1	3 43	19 0	1 16	24 58	2 6	5 16	1 33	20 3	0 26	17 35	2 4	13 50	0 24	2 52	1 45	28 9	11 43	13 28	13 29	12 8	17 7	2 36
T 25	14 11	0 8	2 39	18 43	1 2	25 6	2 8	5 14	1 30	20 6	0 26	17 34	2 4	13 49	0 24	2 53	1 45	28 9	11 43	13 28	13 28	12 11	17 6	2 37
F 26	14 30	6s54	1 22	18 24	0 47	25 15	2 10	5 12	1 27	20 8	0 26	17 33	2 4	13 48	0 24	2 53	1 45	28 9	11 43	13 28	13 27	12 14	17 5	2 37
S 27	14 48	13 37	0s 2	18 3	0 31	25 22	2 12	5 10	1 25	20 11	0 26	17 32	2 4	13 48	0 24	2 54	1 45	28 8	11 43	13 28	13 26	12 17	17 3	2 38
S 28	15 7	19 32	1 25	17 41	0 14	25 29	2 13	5 8	1 22	20 14	0 26	17 31	2 4	13 47	0 24	2 55	1 45	28 8	11 42	13 28	13 25	12 20	17 2	2 38
M29	15 25	24 8	2 42	17 17	0s 2	25 35	2 15	5 5	1 19	20 17	0 26	17 30	2 4	13 46	0 24	2 56	1 45	28 8	11 42	13 28	13 24	12 23	17 1	2 39
T 30	15n42	27s 3	3s46	16n52	0s20	25n41	2n16	5n 2	1n17	20n20	0s25	17s29	2n 4	13s45	0n24	2n57	1s45	28n 7	11n42	13n28	13n23	12n26	16s59	2n39

Julian Day Number = 1984128.5, Delta T = 57m46s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'51, Lahiri = 6°01'52 Julian Calendar 1 Apr. 720 == Greg. Calendar 5 Apr. 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

MAY 720 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 49 7	13♉29'19	5♋15	17°R 1	24♊ 0	20♍23	2♊24	26°R22	7°R32	11♈28	13♌15	5°R33	5♉15	3♉12	26°R41	W 1
T 2	14 53 3	14°26'51	19°10	16♉28	25° 9	20°26	2°37	26♏18	7♏30	11°30	13°15	5♉32	5°12	3°19	26♏37	T 2
F 3	14 57 0	15°24'23	2♒39	15°54	26°17	20°30	2°51	26°14	7°27	11°32	13°16	5°31	5° 9	3°25	26°33	F 3
S 4	15 0 56	16°21'53	15°41	15°20	27°24	20°35	3° 4	26° 9	7°25	11°34	13°16	5°D31	5° 5	3°32	26°29	S 4
S 5	15 4 53	17°19'23	28°21	14°46	28°32	20°40	3°18	26° 5	7°22	11°36	13°16	5°31	5° 2	3°39	26°25	S 5
M 6	15 8 49	18°16'52	10♓42	14°14	29°40	20°46	3°31	26° 1	7°20	11°38	13°17	5°32	4°59	3°45	26°21	M 6
T 7	15 12 46	19°14'20	22°49	13°42	0♋47	20°53	3°45	25°56	7°17	11°39	13°17	5°33	4°56	3°52	26°17	T 7
W 8	15 16 42	20°11'47	4♈45	13°13	1°55	21° 1	3°59	25°52	7°15	11°41	13°18	5°34	4°53	3°58	26°13	W 8
T 9	15 20 39	21° 9'13	16°35	12°45	3° 2	21° 9	4°12	25°48	7°13	11°43	13°18	5°35	4°50	4° 5	26° 8	T 9
F 10	15 24 36	22° 6'39	28°22	12°21	4° 9	21°18	4°26	25°43	7°10	11°45	13°19	5°36	4°46	4°12	26° 4	F 10
S 11	15 28 32	23° 4'03	10♉ 8	12° 0	5°16	21°27	4°39	25°39	7° 8	11°47	13°19	5°R36	4°43	4°18	26° 0	S 11
S 12	15 32 29	24° 1'27	21°58	11°43	6°22	21°38	4°53	25°34	7° 5	11°49	13°20	5°35	4°40	4°25	25°56	S 12
M13	15 36 25	24°58'50	3♊53	11°29	7°29	21°48	5° 7	25°30	7° 3	11°50	13°21	5°34	4°37	4°32	25°52	M13
T 14	15 40 22	25°56'12	15°54	11°20	8°35	22° 0	5°20	25°26	7° 1	11°52	13°21	5°31	4°34	4°38	25°47	T 14
W15	15 44 18	26°53'33	28° 5	11°15	9°41	22°12	5°34	25°21	6°58	11°54	13°22	5°28	4°30	4°45	25°43	W15
T 16	15 48 15	27°50'53	10♋26	11°D14	10°47	22°25	5°48	25°17	6°56	11°56	13°23	5°24	4°27	4°52	25°39	T 16
F 17	15 52 11	28°48'12	23° 0	11°18	11°53	22°38	6° 2	25°12	6°54	11°57	13°23	5°21	4°24	4°58	25°35	F 17
S 18	15 56 8	29°45'31	5♌49	11°26	12°59	22°52	6°15	25° 8	6°52	11°59	13°24	5°19	4°21	5° 5	25°31	S 18
S 19	16 0 5	0♊42'48	18°56	11°39	14° 4	23° 6	6°29	25° 3	6°49	12° 1	13°25	5°17	4°18	5°12	25°27	S 19
M20	16 4 1	1°40'04	2♍21	11°56	15° 9	23°21	6°43	24°59	6°47	12° 2	13°26	5°D17	4°15	5°18	25°22	M20
T 21	16 7 58	2°37'19	16° 7	12°17	16°14	23°37	6°56	24°55	6°45	12° 4	13°27	5°17	4°11	5°25	25°18	T 21
W22	16 11 54	3°34'33	0♎15	12°44	17°19	23°53	7°10	24°50	6°43	12° 5	13°27	5°18	4° 8	5°31	25°14	W22
T 23	16 15 51	4°31'46	14°42	13°14	18°24	24° 9	7°24	24°46	6°41	12° 7	13°28	5°20	4° 5	5°38	25°10	T 23
F 24	16 19 47	5°28'59	29°27	13°49	19°28	24°27	7°38	24°42	6°39	12° 8	13°29	5°R21	4° 2	5°45	25° 6	F 24
S 25	16 23 44	6°26'11	14♏24	14°28	20°32	24°44	7°51	24°37	6°37	12°10	13°30	5°20	3°59	5°51	25° 2	S 25
S 26	16 27 40	7°23'22	29°26	15°11	21°36	25° 2	8° 5	24°33	6°34	12°11	13°31	5°19	3°56	5°58	24°58	S 26
M27	16 31 37	8°20'33	14♐24	15°59	22°40	25°21	8°19	24°29	6°32	12°13	13°32	5°16	3°52	6° 5	24°54	M27
T 28	16 35 34	9°17'43	29°10	16°50	23°43	25°40	8°33	24°25	6°30	12°14	13°33	5°11	3°49	6°11	24°50	T 28
W29	16 39 30	10°14'53	13♑36	17°46	24°46	26° 0	8°46	24°21	6°29	12°16	13°34	5° 6	3°46	6°18	24°46	W29
T 30	16 43 27	11°12'03	27°38	18°45	25°49	26°20	9° 0	24°16	6°27	12°17	13°35	5° 1	3°43	6°25	24°42	T 30
F 31	16 47 23	12♊ 9'13	11♒12	19♉48	26♋52	26♍40	9♊14	24♏12	6♏25	12♈18	13♌37	4♉57	3♉40	6♉31	24♏38	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n 0	28s 4	4s34	16n27	0s37	25n46	2n18	4n58	1n14	20n22	0s25	17s28	2n 4	13s44	0n24	2n57	1s45	28n 7	11n41	13n28	13n22	12n30	16s58	2n39
T 2	16 17	27 15	5 5	16 1	0 54	25 50	2 19	4 55	1 12	20 25	0 25	17 27	2 4	13 44	0 24	2 58	1 45	28 7	11 41	13 27	13 21	12 33	16 57	2 40
F 3	16 34	24 51	5 17	15 34	1 12	25 53	2 20	4 51	1 9	20 28	0 25	17 26	2 4	13 43	0 24	2 59	1 45	28 6	11 41	13 27	13 20	12 36	16 55	2 40
S 4	16 51	21 12	5 12	15 8	1 29	25 56	2 21	4 47	1 7	20 31	0 25	17 25	2 4	13 42	0 24	2 59	1 45	28 6	11 41	13 27	13 19	12 39	16 54	2 41
S 5	17 7	16 42	4 53	14 43	1 45	25 58	2 22	4 42	1 4	20 33	0 25	17 24	2 4	13 41	0 24	3 0	1 45	28 6	11 40	13 27	13 18	12 42	16 53	2 41
M 6	17 24	11 36	4 20	14 18	2 1	25 59	2 23	4 37	1 2	20 36	0 25	17 23	2 4	13 40	0 24	3 1	1 45	28 5	11 40	13 27	13 16	12 45	16 51	2 41
T 7	17 39	6 10	3 36	13 54	2 16	26 0	2 24	4 33	0 59	20 39	0 25	17 22	2 4	13 40	0 24	3 2	1 45	28 5	11 40	13 28	13 15	12 48	16 50	2 42
W 8	17 55	0 35	2 43	13 31	2 31	26 0	2 24	4 27	0 57	20 41	0 25	17 21	2 4	13 39	0 24	3 2	1 45	28 4	11 40	13 28	13 14	12 51	16 49	2 42
T 9	18 10	4n58	1 43	13 10	2 44	25 59	2 25	4 22	0 54	20 44	0 24	17 20	2 4	13 38	0 24	3 3	1 45	28 4	11 39	13 29	13 13	12 54	16 47	2 43
F 10	18 25	10 21	0 40	12 51	2 57	25 58	2 25	4 16	0 52	20 47	0 24	17 19	2 4	13 37	0 24	3 4	1 45	28 4	11 39	13 29	13 12	12 57	16 46	2 43
S 11	18 40	15 21	0n25	12 34	3 8	25 56	2 26	4 10	0 50	20 49	0 24	17 18	2 4	13 37	0 24	3 4	1 46	28 3	11 39	13 29	13 11	13 1	16 45	2 43
S 12	18 55	19 49	1 29	12 19	3 18	25 53	2 26	4 4	0 47	20 52	0 24	17 17	2 4	13 36	0 24	3 5	1 46	28 3	11 38	13 29	13 10	13 4	16 43	2 44
M13	19 9	23 32	2 30	12 6	3 27	25 50	2 26	3 58	0 45	20 54	0 24	17 16	2 4	13 35	0 24	3 6	1 46	28 2	11 38	13 28	13 9	13 7	16 42	2 44
T 14	19 22	26 15	3 24	11 56	3 35	25 46	2 26	3 51	0 43	20 57	0 24	17 15	2 4	13 34	0 24	3 6	1 46	28 2	11 38	13 27	13 8	13 10	16 41	2 44
W15	19 36	27 46	4 10	11 48	3 42	25 41	2 26	3 44	0 41	21 0	0 24	17 14	2 4	13 34	0 24	3 7	1 46	28 1	11 38	13 26	13 7	13 13	16 39	2 45
T 16	19 49	27 56	4 45	11 43	3 47	25 36	2 26	3 37	0 39	21 2	0 24	17 13	2 4	13 33	0 24	3 8	1 46	28 1	11 37	13 25	13 6	13 16	16 38	2 45
F 17	20 2	26 40	5 7	11 40	3 51	25 30	2 26	3 30	0 36	21 5	0 24	17 12	2 4	13 32	0 24	3 8	1 46	28 0	11 37	13 24	13 5	13 19	16 37	2 45
S 18	20 14	24 1	5 14	11 39	3 54	25 23	2 26	3 23	0 34	21 7	0 23	17 11	2 3	13 31	0 24	3 9	1 46	28 0	11 37	13 23	13 4	13 22	16 36	2 46
S 19	20 27	20 5	5 6	11 41	3 56	25 16	2 25	3 15	0 32	21 10	0 23	17 10	2 3	13 31	0 24	3 9	1 46	28 0	11 37	13 22	13 2	13 25	16 34	2 46
M20	20 38	15 3	4 40	11 46	3 57	25 8	2 24	3 7	0 30	21 12	0 23	17 9	2 3	13 30	0 24	3 10	1 46	27 59	11 36	13 22	13 1	13 28	16 33	2 46
T 21	20 50	9 10	3 58	11 52	3 57	24 59	2 24	2 59	0 28	21 14	0 23	17 8	2 3	13 29	0 24	3 11	1 46	27 59	11 36	13 22	13 0	13 31	16 32	2 47
W22	21 1	2 40	3 1	12 1	3 56	24 50	2 23	2 51	0 26	21 17	0 23	17 7	2 3	13 28	0 24	3 11	1 46	27 58	11 36	13 23	12 59	13 34	16 30	2 47
T 23	21 12	4s 8	1 51	12 12	3 54	24 40	2 22	2 42	0 24	21 19	0 23	17 6	2 3	13 28	0 24	3 12	1 46	27 57	11 36	13 23	12 58	13 37	16 29	2 47
F 24	21 22	10 51	0 32	12 26	3 51	24 30	2 21	2 34	0 22	21 22	0 23	17 5	2 3	13 27	0 24	3 12	1 46	27 57	11 35	13 24	12 57	13 40	16 28	2 47
S 25	21 32	17 4	0s49	12 41	3 47	24 19	2 19	2 25	0 20	21 24	0 23	17 4	2 3	13 26	0 24	3 13	1 46	27 56	11 35	13 24	12 56	13 44	16 27	2 48
S 26	21 42	22 15	2 8	12 58	3 42	24 8	2 18	2 16	0 18	21 26	0 23	17 3	2 3	13 26	0 24	3 13	1 46	27 56	11 35	13 23	12 55	13 47	16 25	2 48
M27	21 51	25 57	3 17	13 17	3 36	23 56	2 16	2 7	0 16	21 29	0 23	17 2	2 3	13 25	0 24	3 14	1 46	27 55	11 35	13 22	12 54	13 50	16 24	2 48
T 28	22 0	27 49	4 13	13 38	3 30	23 43	2 15	1 57	0 14	21 31	0 22	17 2	2 3	13 25	0 24	3 14	1 46	27 55	11 34	13 21	12 53	13 53	16 23	2 48
W29	22 8	27 43	4 50	14 0	3 23	23 30	2 13	1 48	0 13	21 33	0 22	17 1	2 2	13 24	0 24	3 15	1 46	27 54	11 34	13 19	12 52	13 56	16 22	2 49
T 30	22 17	25 49	5 9	14 23	3 16	23 16	2 11	1 38	0 11	21 35	0 22	17 0	2 2	13 23	0 24	3 15	1 46	27 54	11 34	13 17	12 51	13 59	16 21	2 49
F 31	22n24	22s29	5s10	14n48	3s 7	23n 2	2n 9	1n28	0n 9	21n37	0s22	16s59	2n 2	13s23	0n24	3n16	1s46	27n53	11n34	13n16	12n49	14n 2	16s20	2n49

Julian Day Number = 1984158.5, Delta T = 57m45s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'55, Lahiri = 6°01'56 Julian Calendar 1 May 720 == Greg. Calendar 5 May 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

JUNE 720 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 51 20	13♊ 6'22	24♒19	20♉55	27♋54	27♍ 1	9♊28	24°R 8	6°R23	12♈20	13♎38	4°R54	3♉36	6♉38	24°R34	S 1
S 2	16 55 16	14° 3'32	7♓ 2	22° 6	28°56	27°22	9°41	24♏ 4	6♏21	12°21	13°39	4♉52	3°33	6°45	24♏31	S 2
M 3	16 59 13	15° 0'41	19°23	23°20	29°58	27°44	9°55	24° 0	6°19	12°22	13°40	4°D52	3°30	6°51	24°27	M 3
T 4	17 3 10	15°57'51	1♈29	24°38	0♎59	28° 6	10° 9	23°56	6°18	12°24	13°41	4°53	3°27	6°58	24°23	T 4
W 5	17 7 6	16°55'01	13°23	26° 0	2° 1	28°29	10°23	23°52	6°16	12°25	13°42	4°54	3°24	7° 5	24°20	W 5
T 6	17 11 3	17°52'10	25°11	27°25	3° 2	28°52	10°36	23°48	6°14	12°26	13°44	4°56	3°21	7°11	24°16	T 6
F 7	17 14 59	18°49'20	6♉58	28°54	4° 2	29°15	10°50	23°45	6°13	12°27	13°45	4°R56	3°17	7°18	24°12	F 7
S 8	17 18 56	19°46'30	18°47	0♊26	5° 2	29°39	11° 4	23°41	6°11	12°28	13°46	4°55	3°14	7°24	24° 9	S 8
S 9	17 22 52	20°43'40	0♊42	2° 2	6° 2	0♎ 3	11°17	23°37	6° 9	12°29	13°48	4°52	3°11	7°31	24° 5	S 9
M10	17 26 49	21°40'51	12°45	3°41	7° 2	0°28	11°31	23°34	6° 8	12°30	13°49	4°47	3° 8	7°38	24° 2	M10
T 11	17 30 45	22°38'01	24°59	5°23	8° 1	0°53	11°44	23°30	6° 6	12°31	13°50	4°40	3° 5	7°44	23°59	T 11
W12	17 34 42	23°35'11	7♋24	7° 8	9° 0	1°18	11°58	23°26	6° 5	12°33	13°52	4°32	3° 2	7°51	23°55	W12
T 13	17 38 39	24°32'22	20° 2	8°57	9°58	1°44	12°12	23°23	6° 4	12°33	13°53	4°23	2°58	7°58	23°52	T 13
F 14	17 42 35	25°29'32	2♌52	10°48	10°56	2°10	12°25	23°20	6° 2	12°34	13°54	4°14	2°55	8° 4	23°49	F 14
S 15	17 46 32	26°26'43	15°56	12°42	11°53	2°36	12°39	23°16	6° 1	12°35	13°56	4° 7	2°52	8°11	23°46	S 15
S 16	17 50 28	27°23'53	29°12	14°39	12°51	3° 3	12°52	23°13	6° 0	12°36	13°57	4° 2	2°49	8°18	23°43	S 16
M17	17 54 25	28°21'03	12♍42	16°38	13°47	3°30	13° 6	23°10	5°58	12°37	13°59	3°58	2°46	8°24	23°40	M17
T 18	17 58 21	29°18'13	26°26	18°39	14°43	3°57	13°19	23° 7	5°57	12°38	14° 0	3°D57	2°42	8°31	23°37	T 18
W19	18 2 18	0♋15'23	10♎24	20°43	15°39	4°25	13°33	23° 3	5°56	12°39	14° 2	3°58	2°39	8°38	23°34	W19
T 20	18 6 14	1°12'33	24°37	22°48	16°34	4°52	13°46	23° 0	5°55	12°39	14° 3	3°58	2°36	8°44	23°31	T 20
F 21	18 10 11	2° 9'43	9♏ 2	24°54	17°29	5°21	13°59	22°58	5°54	12°40	14° 5	3°R59	2°33	8°51	23°29	F 21
S 22	18 14 8	3° 6'54	23°38	27° 1	18°23	5°49	14°13	22°55	5°53	12°41	14° 7	3°57	2°30	8°58	23°26	S 22
S 23	18 18 4	4° 4'05	8♐19	29° 9	19°17	6°18	14°26	22°52	5°52	12°42	14° 8	3°53	2°27	9° 4	23°23	S 23
M24	18 22 1	5° 1'16	23° 0	1♋17	20°10	6°47	14°39	22°49	5°51	12°42	14°10	3°47	2°23	9°11	23°21	M24
T 25	18 25 57	5°58'27	7♑32	3°26	21° 2	7°17	14°53	22°47	5°50	12°43	14°11	3°39	2°20	9°17	23°19	T 25
W26	18 29 54	6°55'39	21°50	5°34	21°54	7°46	15° 6	22°44	5°50	12°43	14°13	3°29	2°17	9°24	23°16	W26
T 27	18 33 50	7°52'52	5♒47	7°42	22°45	8°16	15°19	22°42	5°49	12°44	14°15	3°19	2°14	9°31	23°14	T 27
F 28	18 37 47	8°50'05	19°20	9°49	23°36	8°46	15°32	22°39	5°48	12°44	14°16	3°10	2°11	9°37	23°12	F 28
S 29	18 41 44	9°47'19	2♓28	11°55	24°26	9°17	15°45	22°37	5°48	12°45	14°18	3° 3	2° 8	9°44	23°10	S 29
S 30	18 45 40	10♋44'33	15♓12	14♋ 1	25♌15	9♎48	15♊58	22♏35	5♏47	12♈45	14♌20	2♉58	2♉ 4	9♉51	23♏ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n32	18s 7	4s54	15n15	2s58	22n48	2n 7	1n18	0n 7	21n40	0s22	16s58	2n 2	13s22	0n24	3n16	1s47	27n53	11n33	13n15	12n48	14n 5	16s18	2n49
S 2	22 39	13 4	4 24	15 42	2 49	22 32	2 4	1 8	0 6	21 42	0 22	16 57	2 2	13 22	0 24	3 17	1 47	27 52	11 33	13 14	12 47	14 8	16 17	2 50
M 3	22 45	7 38	3 43	16 10	2 39	22 17	2 2	0 58	0 4	21 44	0 22	16 56	2 2	13 21	0 24	3 17	1 47	27 51	11 33	13 14	12 46	14 11	16 16	2 50
T 4	22 52	2 2	2 52	16 39	2 29	22 1	1 59	0 48	0 2	21 46	0 22	16 55	2 2	13 20	0 24	3 18	1 47	27 51	11 33	13 14	12 45	14 14	16 15	2 50
W 5	22 57	3n34	1 54	17 9	2 18	21 44	1 56	0 37	0 1	21 48	0 22	16 55	2 1	13 20	0 24	3 18	1 47	27 50	11 33	13 15	12 44	14 17	16 14	2 50
T 6	23 3	9 0	0 53	17 39	2 7	21 27	1 53	0 26	0s 1	21 50	0 22	16 54	2 1	13 19	0 24	3 19	1 47	27 50	11 32	13 15	12 43	14 20	16 13	2 50
F 7	23 8	14 6	0n11	18 10	1 56	21 10	1 50	0 15	0 3	21 52	0 22	16 53	2 1	13 19	0 24	3 19	1 47	27 49	11 32	13 15	12 42	14 23	16 12	2 51
S 8	23 13	18 43	1 14	18 41	1 44	20 52	1 47	0 4	0 4	21 54	0 21	16 52	2 1	13 18	0 24	3 19	1 47	27 49	11 32	13 15	12 41	14 26	16 11	2 51
S 9	23 17	22 38	2 15	19 12	1 32	20 34	1 43	0s 7	0 6	21 56	0 21	16 51	2 1	13 18	0 24	3 20	1 47	27 48	11 32	13 14	12 40	14 29	16 10	2 51
M10	23 21	25 37	3 10	19 43	1 20	20 15	1 40	0 18	0 7	21 58	0 21	16 51	2 1	13 17	0 23	3 20	1 47	27 47	11 32	13 12	12 39	14 32	16 9	2 51
T 11	23 24	27 27	3 57	20 14	1 8	19 56	1 36	0 29	0 9	22 0	0 21	16 50	2 1	13 17	0 23	3 20	1 47	27 47	11 31	13 10	12 37	14 35	16 8	2 51
W12	23 27	27 57	4 33	20 44	0 56	19 37	1 32	0 41	0 11	22 2	0 21	16 49	2 0	13 16	0 23	3 21	1 47	27 46	11 31	13 7	12 36	14 38	16 7	2 52
T 13	23 30	27 0	4 57	21 13	0 44	19 17	1 28	0 52	0 12	22 4	0 21	16 49	2 0	13 16	0 23	3 21	1 47	27 46	11 31	13 4	12 35	14 41	16 6	2 52
F 14	23 32	24 37	5 6	21 42	0 32	18 57	1 24	1 4	0 13	22 6	0 21	16 48	2 0	13 16	0 23	3 21	1 47	27 45	11 31	13 1	12 34	14 44	16 5	2 52
S 15	23 34	20 56	5 0	22 9	0 20	18 37	1 20	1 16	0 15	22 8	0 21	16 47	2 0	13 15	0 23	3 22	1 47	27 44	11 31	12 59	12 33	14 47	16 4	2 52
S 16	23 35	16 10	4 38	22 35	0 8	18 16	1 15	1 28	0 16	22 9	0 21	16 47	2 0	13 15	0 23	3 22	1 47	27 44	11 30	12 57	12 32	14 50	16 3	2 52
M17	23 36	10 32	4 0	22 59	0n 4	17 56	1 10	1 40	0 18	22 11	0 21	16 46	1 59	13 14	0 23	3 22	1 47	27 43	11 30	12 56	12 31	14 53	16 2	2 52
T 18	23 36	4 17	3 7	23 22	0 15	17 34	1 5	1 52	0 19	22 13	0 21	16 45	1 59	13 14	0 23	3 23	1 48	27 42	11 30	12 55	12 30	14 56	16 1	2 52
W19	23 36	2s16	2 3	23 42	0 26	17 13	1 0	2 5	0 21	22 15	0 20	16 45	1 59	13 14	0 23	3 23	1 48	27 42	11 30	12 56	12 29	14 59	16 1	2 53
T 20	23 36	8 50	0 50	24 0	0 36	16 51	0 55	2 17	0 22	22 16	0 20	16 44	1 59	13 13	0 23	3 23	1 48	27 41	11 30	12 56	12 28	15 2	16 0	2 53
F 21	23 35	15 2	0s27	24 16	0 46	16 29	0 50	2 30	0 23	22 18	0 20	16 44	1 59	13 13	0 23	3 23	1 48	27 41	11 30	12 56	12 27	15 5	15 59	2 53
S 22	23 34	20 29	1 43	24 29	0 55	16 7	0 44	2 42	0 25	22 20	0 20	16 43	1 59	13 13	0 23	3 23	1 48	27 40	11 29	12 55	12 25	15 8	15 58	2 53
S 23	23 33	24 41	2 53	24 39	1 3	15 45	0 38	2 55	0 26	22 21	0 20	16 43	1 58	13 12	0 23	3 24	1 48	27 39	11 29	12 54	12 24	15 11	15 58	2 53
M24	23 31	27 16	3 51	24 47	1 11	15 23	0 32	3 8	0 27	22 23	0 20	16 42	1 58	13 12	0 23	3 24	1 48	27 39	11 29	12 52	12 23	15 14	15 57	2 53
T 25	23 28	27 56	4 33	24 52	1 18	15 0	0 26	3 21	0 28	22 25	0 20	16 42	1 58	13 12	0 23	3 24	1 48	27 38	11 29	12 49	12 22	15 17	15 56	2 53
W26	23 25	26 43	4 57	24 54	1 24	14 37	0 20	3 34	0 30	22 26	0 20	16 41	1 58	13 12	0 23	3 24	1 48	27 37	11 29	12 46	12 21	15 20	15 56	2 53
T 27	23 22	23 51	5 3	24 53	1 30	14 14	0 14	3 47	0 31	22 28	0 20	16 41	1 58	13 11	0 23	3 24	1 48	27 37	11 29	12 43	12 20	15 23	15 55	2 53
F 28	23 19	19 44	4 52	24 49	1 35	13 51	0 7	4 0	0 32	22 29	0 20	16 40	1 57	13 11	0 23	3 25	1 48	27 36	11 29	12 39	12 19	15 26	15 54	2 53
S 29	23 15	14 47	4 25	24 43	1 39	13 28	0 0	4 13	0 33	22 31	0 20	16 40	1 57	13 11	0 23	3 25	1 48	27 35	11 29	12 37	12 18	15 29	15 54	2 53
S 30	23n10	9s20	3s46	24n34	1n43	13n 5	0s 7	4s26	0s35	22n32	0s20	16s40	1n57	13s11	0n23	3n25	1s48	27n35	11n28	12n35	12n17	15n32	15s53	2n53

Julian Day Number = 1984189.5, Delta T = 57m44s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°54'59, Lahiri = 6°02'00 Julian Calendar 1 June 720 == Greg. Calendar 5 June 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

JULY 720 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 49 37	11♋41'49	27♓35	16♋ 5	26♌ 3	10♎19	16♊11	22°R32	5°R46	12♈46	14♌22	2°R55	2♉ 1	9♉57	23°R 6	M 1
T 2	18 53 33	12°39'06	9♈41	18° 8	26°51	10°50	16°24	22♏30	5♏46	12°46	14°23	2°D54	1°58	10° 4	23♏ 4	T 2
W 3	18 57 30	13°36'23	21°36	20°10	27°38	11°21	16°37	22°28	5°45	12°47	14°25	2♉54	1°55	10°11	23° 2	W 3
T 4	19 1 26	14°33'42	3♉25	22°10	28°24	11°53	16°50	22°26	5°45	12°47	14°27	2°R55	1°52	10°17	23° 1	T 4
F 5	19 5 23	15°31'02	15°13	24° 9	29° 9	12°25	17° 3	22°25	5°45	12°47	14°29	2°54	1°48	10°24	22°59	F 5
S 6	19 9 19	16°28'23	27° 5	26° 6	29°54	12°57	17°16	22°23	5°44	12°47	14°30	2°51	1°45	10°31	22°58	S 6
S 7	19 13 16	17°25'44	9♊ 5	28° 2	0♍37	13°30	17°28	22°21	5°44	12°48	14°32	2°47	1°42	10°37	22°56	S 7
M 8	19 17 13	18°23'07	21°18	29°56	1°20	14° 2	17°41	22°20	5°44	12°48	14°34	2°39	1°39	10°44	22°55	M 8
T 9	19 21 9	19°20'32	3♋45	1♌48	2° 1	14°35	17°54	22°18	5°44	12°48	14°36	2°29	1°36	10°51	22°54	T 9
W10	19 25 6	20°17'57	16°27	3°39	2°42	15° 9	18° 6	22°17	5°44	12°48	14°38	2°17	1°33	10°57	22°53	W10
T 11	19 29 2	21°15'23	29°25	5°28	3°21	15°42	18°19	22°16	5°D44	12°48	14°40	2° 5	1°29	11° 4	22°51	T 11
F 12	19 32 59	22°12'50	12♌36	7°15	3°59	16°15	18°31	22°15	5°44	12°48	14°41	1°53	1°26	11°10	22°51	F 12
S 13	19 36 55	23°10'18	26° 1	9° 1	4°37	16°49	18°44	22°13	5°44	12°R48	14°43	1°42	1°23	11°17	22°50	S 13
S 14	19 40 52	24° 7'47	9♍36	10°46	5°13	17°23	18°56	22°13	5°44	12°48	14°45	1°34	1°20	11°24	22°49	S 14
M15	19 44 48	25° 5'16	23°21	12°28	5°47	17°58	19° 9	22°12	5°44	12°48	14°47	1°29	1°17	11°30	22°48	M15
T 16	19 48 45	26° 2'47	7♎13	14° 9	6°21	18°32	19°21	22°11	5°44	12°48	14°49	1°26	1°14	11°37	22°48	T 16
W17	19 52 42	27° 0'18	21°12	15°49	6°53	19° 7	19°33	22°10	5°44	12°48	14°51	1°25	1°10	11°44	22°47	W17
T 18	19 56 38	27°57'50	5♏18	17°27	7°24	19°41	19°45	22°10	5°45	12°48	14°53	1°25	1° 7	11°50	22°47	T 18
F 19	20 0 35	28°55'23	19°29	19° 3	7°53	20°16	19°57	22° 9	5°45	12°48	14°55	1°25	1° 4	11°57	22°47	F 19
S 20	20 4 31	29°52'58	3♐45	20°38	8°21	20°52	20° 9	22° 9	5°46	12°47	14°57	1°22	1° 1	12° 4	22°46	S 20
S 21	20 8 28	0♌50'33	18° 2	22°12	8°47	21°27	20°21	22° 8	5°46	12°47	14°59	1°18	0°58	12°10	22°46	S 21
M22	20 12 24	1°48'09	2♑18	23°43	9°12	22° 3	20°33	22° 8	5°47	12°47	15° 1	1°10	0°54	12°17	22°D46	M22
T 23	20 16 21	2°45'47	16°27	25°14	9°35	22°38	20°45	22° 8	5°47	12°47	15° 3	1° 0	0°51	12°24	22°46	T 23
W24	20 20 17	3°43'25	0♒25	26°42	9°56	23°14	20°56	22°D 8	5°48	12°46	15° 5	0°48	0°48	12°30	22°47	W24
T 25	20 24 14	4°41'05	14° 6	28° 9	10°15	23°50	21° 8	22° 8	5°48	12°46	15° 7	0°36	0°45	12°37	22°47	T 25
F 26	20 28 11	5°38'47	27°28	29°35	10°33	24°27	21°20	22° 8	5°49	12°46	15° 9	0°25	0°42	12°44	22°47	F 26
S 27	20 32 7	6°36'30	10♓29	0♍58	10°48	25° 3	21°31	22° 8	5°50	12°45	15°11	0°15	0°39	12°50	22°48	S 27
S 28	20 36 4	7°34'14	23° 9	2°21	11° 2	25°40	21°42	22° 9	5°51	12°45	15°13	0° 8	0°35	12°57	22°48	S 28
M29	20 40 0	8°32'00	5♈31	3°41	11°13	26°17	21°54	22° 9	5°52	12°44	15°15	0° 4	0°32	13° 3	22°49	M29
T 30	20 43 57	9°29'48	17°37	5° 0	11°23	26°54	22° 5	22°10	5°53	12°44	15°17	0° 2	0°29	13°10	22°50	T 30
W31	20 47 53	10♌27'38	29♈31	6♍17	11♍30	27♎31	22♊16	22♏10	5♏54	12♈43	15♌19	0°D 2	0♉26	13♉17	22♏50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 5	3s40	2s57	24n22	1n45	12n42	0s14	4s39	0s36	22n34	0s19	16s39	1n57	13s11	0n23	3n25	1s48	27n34	11n28	12n34	12n16	15n35	15s53	2n54
T 2	23 0	2n 1	2 0	24 8	1 47	12 19	0 22	4 53	0 37	22 35	0 19	16 39	1 56	13 11	0 23	3 25	1 48	27 34	11 28	12 34	12 14	15 38	15 52	2 54
W 3	22 54	7 33	1 0	23 52	1 48	11 55	0 29	5 6	0 38	22 36	0 19	16 39	1 56	13 10	0 23	3 25	1 48	27 33	11 28	12 34	12 13	15 41	15 52	2 54
T 4	22 48	12 47	0n 3	23 34	1 49	11 32	0 37	5 20	0 39	22 38	0 19	16 38	1 56	13 10	0 23	3 25	1 49	27 32	11 28	12 34	12 12	15 43	15 51	2 54
F 5	22 42	17 33	1 5	23 13	1 49	11 9	0 45	5 33	0 40	22 39	0 19	16 38	1 56	13 10	0 23	3 25	1 49	27 32	11 28	12 34	12 11	15 46	15 51	2 54
S 6	22 35	21 40	2 5	22 51	1 48	10 45	0 53	5 47	0 41	22 40	0 19	16 38	1 56	13 10	0 23	3 25	1 49	27 31	11 28	12 33	12 10	15 49	15 50	2 54
S 7	22 28	24 55	3 0	22 27	1 47	10 22	1 2	6 1	0 42	22 42	0 19	16 38	1 55	13 10	0 23	3 25	1 49	27 30	11 28	12 31	12 9	15 52	15 50	2 54
M 8	22 20	27 6	3 47	22 1	1 45	9 59	1 10	6 15	0 43	22 43	0 19	16 38	1 55	13 10	0 23	3 25	1 49	27 30	11 28	12 29	12 8	15 55	15 50	2 54
T 9	22 12	27 57	4 24	21 34	1 42	9 36	1 19	6 28	0 45	22 44	0 19	16 37	1 55	13 10	0 23	3 25	1 49	27 29	11 28	12 25	12 7	15 58	15 49	2 54
W10	22 4	27 22	4 49	21 5	1 39	9 13	1 28	6 42	0 46	22 45	0 19	16 37	1 55	13 10	0 23	3 25	1 49	27 28	11 27	12 21	12 6	16 1	15 49	2 54
T 11	21 55	25 18	5 0	20 35	1 36	8 50	1 37	6 56	0 47	22 47	0 19	16 37	1 54	13 10	0 23	3 25	1 49	27 28	11 27	12 17	12 4	16 4	15 49	2 54
F 12	21 46	21 52	4 56	20 4	1 32	8 28	1 47	7 10	0 48	22 48	0 19	16 37	1 54	13 10	0 23	3 25	1 49	27 27	11 27	12 13	12 3	16 7	15 48	2 54
S 13	21 36	17 14	4 34	19 32	1 28	8 5	1 56	7 24	0 49	22 49	0 19	16 37	1 54	13 10	0 23	3 25	1 49	27 26	11 27	12 9	12 2	16 10	15 48	2 54
S 14	21 26	11 41	3 58	18 59	1 23	7 43	2 6	7 38	0 50	22 50	0 19	16 37	1 54	13 10	0 23	3 25	1 49	27 26	11 27	12 6	12 1	16 13	15 48	2 54
M15	21 16	5 31	3 7	18 25	1 17	7 21	2 16	7 52	0 50	22 51	0 18	16 37	1 54	13 10	0 23	3 25	1 49	27 25	11 27	12 4	12 0	16 16	15 48	2 54
T 16	21 5	0s59	2 4	17 51	1 12	6 59	2 26	8 6	0 51	22 52	0 18	16 37	1 53	13 10	0 23	3 25	1 49	27 25	11 27	12 3	11 59	16 19	15 48	2 54
W17	20 54	7 30	0 54	17 15	1 6	6 37	2 36	8 20	0 52	22 53	0 18	16 37	1 53	13 10	0 22	3 25	1 49	27 24	11 27	12 3	11 58	16 21	15 48	2 54
T 18	20 43	13 42	0s20	16 39	1 0	6 16	2 47	8 35	0 53	22 54	0 18	16 37	1 53	13 11	0 22	3 25	1 49	27 23	11 27	12 3	11 57	16 24	15 47	2 54
F 19	20 31	19 14	1 34	16 3	0 53	5 55	2 58	8 49	0 54	22 55	0 18	16 37	1 53	13 11	0 22	3 25	1 50	27 23	11 27	12 3	11 56	16 27	15 47	2 54
S 20	20 19	23 42	2 42	15 26	0 46	5 35	3 9	9 3	0 55	22 56	0 18	16 37	1 52	13 11	0 22	3 24	1 50	27 22	11 27	12 2	11 54	16 30	15 47	2 54
S 21	20 7	26 43	3 40	14 49	0 39	5 15	3 20	9 17	0 56	22 57	0 18	16 37	1 52	13 11	0 22	3 24	1 50	27 21	11 27	12 0	11 53	16 33	15 47	2 54
M22	19 54	27 59	4 24	14 12	0 31	4 55	3 31	9 31	0 57	22 58	0 18	16 38	1 52	13 11	0 22	3 24	1 50	27 21	11 27	11 58	11 52	16 36	15 47	2 54
T 23	19 41	27 24	4 51	13 34	0 23	4 36	3 42	9 46	0 58	22 59	0 18	16 38	1 52	13 12	0 22	3 24	1 50	27 20	11 27	11 54	11 51	16 39	15 47	2 54
W24	19 27	25 5	5 0	12 56	0 15	4 17	3 54	10 0	0 59	23 0	0 18	16 38	1 51	13 12	0 22	3 24	1 50	27 20	11 27	11 50	11 50	16 42	15 47	2 54
T 25	19 14	21 22	4 52	12 18	0 7	3 59	4 6	10 14	0 59	23 1	0 18	16 38	1 51	13 12	0 22	3 23	1 50	27 19	11 27	11 46	11 49	16 44	15 48	2 54
F 26	18 59	16 37	4 28	11 41	0s 1	3 42	4 17	10 28	1 0	23 2	0 18	16 39	1 51	13 12	0 22	3 23	1 50	27 18	11 27	11 42	11 48	16 47	15 48	2 54
S 27	18 45	11 14	3 50	11 3	0 10	3 25	4 29	10 43	1 1	23 2	0 18	16 39	1 51	13 13	0 22	3 23	1 50	27 18	11 27	11 38	11 47	16 50	15 48	2 54
S 28	18 30	5 31	3 2	10 25	0 19	3 9	4 41	10 57	1 2	23 3	0 17	16 39	1 50	13 13	0 22	3 23	1 50	27 17	11 27	11 36	11 46	16 53	15 48	2 54
M29	18 15	0n17	2 6	9 48	0 28	2 53	4 53	11 11	1 3	23 4	0 17	16 40	1 50	13 13	0 22	3 23	1 50	27 17	11 27	11 34	11 44	16 56	15 48	2 54
T 30	18 0	5 57	1 5	9 10	0 37	2 38	5 6	11 25	1 3	23 5	0 17	16 40	1 50	13 14	0 22	3 22	1 50	27 16	11 27	11 34	11 43	16 59	15 48	2 54
W31	17n44	11n20	0s 3	8n33	0s46	2n24	5s18	11s39	1s 4	23n 6	0s17	16s40	1n50	13s14	0n22	3n22	1s50	27n15	11n27	11n34	11n42	17n 2	15s49	2n54

Julian Day Number = 1984219.5, Delta T = 57m43s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'04, Lahiri = 6°02'04 Julian Calendar 1 July 720 == Greg. Calendar 5 July 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

AUGUST 720 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 51 50	11♌25'29	11♉21	7♍32	11♍36	28♎ 8	22♊27	22♏11	5♏55	12°R42	15♌21	0°R 2	0♉23	13♉23	22♏51	T 1
F 2	20 55 46	12°23'22	23°10	8°45	11°38	28°46	22°38	22°12	5°56	12♈42	15°23	0♉ 1	0°20	13°30	22°52	F 2
S 3	20 59 43	13°21'17	5♊ 4	9°56	11°R39	29°23	22°49	22°13	5°57	12°41	15°25	29♈59	0°16	13°37	22°54	S 3
S 4	21 3 40	14°19'14	17° 8	11° 6	11°38	0♏ 1	23° 0	22°14	5°58	12°41	15°27	29°55	0°13	13°43	22°55	S 4
M 5	21 7 36	15°17'13	29°27	12°13	11°34	0°39	23°11	22°15	5°59	12°40	15°29	29°49	0°10	13°50	22°56	M 5
T 6	21 11 33	16°15'14	12♋ 3	13°17	11°27	1°17	23°21	22°16	6° 1	12°39	15°31	29°39	0° 7	13°57	22°58	T 6
W 7	21 15 29	17°13'17	24°59	14°20	11°19	1°55	23°32	22°18	6° 2	12°38	15°33	29°29	0° 4	14° 3	22°59	W 7
T 8	21 19 26	18°11'21	8♌15	15°20	11° 8	2°34	23°43	22°19	6° 3	12°38	15°35	29°17	0° 0	14°10	23° 1	T 8
F 9	21 23 22	19° 9'27	21°49	16°17	10°54	3°12	23°53	22°20	6° 5	12°37	15°37	29° 6	29♈57	14°17	23° 2	F 9
S 10	21 27 19	20° 7'35	5♍38	17°12	10°39	3°51	24° 3	22°22	6° 6	12°36	15°39	28°56	29°54	14°23	23° 4	S 10
S 11	21 31 15	21° 5'45	19°38	18° 3	10°21	4°30	24°13	22°24	6° 8	12°35	15°41	28°48	29°51	14°30	23° 6	S 11
M12	21 35 12	22° 3'56	3♎45	18°52	10° 0	5° 9	24°23	22°26	6° 9	12°34	15°43	28°43	29°48	14°37	23° 8	M12
T 13	21 39 9	23° 2'08	17°56	19°37	9°38	5°48	24°33	22°27	6°11	12°33	15°45	28°41	29°45	14°43	23°10	T 13
W14	21 43 5	24° 0'22	2♏ 8	20°18	9°13	6°27	24°43	22°29	6°13	12°32	15°47	28°D41	29°41	14°50	23°12	W14
T 15	21 47 2	24°58'38	16°18	20°56	8°47	7° 7	24°53	22°32	6°14	12°31	15°49	28°41	29°38	14°57	23°15	T 15
F 16	21 50 58	25°56'55	0♐25	21°30	8°18	7°46	25° 3	22°34	6°16	12°30	15°51	28°R41	29°35	15° 3	23°17	F 16
S 17	21 54 55	26°55'14	14°29	21°59	7°48	8°26	25°12	22°36	6°18	12°29	15°53	28°40	29°32	15°10	23°19	S 17
S 18	21 58 51	27°53'35	28°27	22°23	7°16	9° 6	25°21	22°38	6°20	12°28	15°55	28°36	29°29	15°16	23°22	S 18
M19	22 2 48	28°51'57	12♑19	22°42	6°43	9°46	25°31	22°41	6°22	12°27	15°57	28°30	29°26	15°23	23°24	M19
T 20	22 6 44	29°50'21	26° 3	22°56	6° 9	10°26	25°40	22°43	6°24	12°26	15°58	28°22	29°22	15°30	23°27	T 20
W21	22 10 41	0♍48'47	9♒35	23° 5	5°33	11° 6	25°49	22°46	6°26	12°25	16° 0	28°13	29°19	15°36	23°30	W21
T 22	22 14 38	1°47'14	22°53	23°R 7	4°57	11°46	25°58	22°49	6°28	12°24	16° 2	28° 3	29°16	15°43	23°33	T 22
F 23	22 18 34	2°45'43	5♓57	23° 3	4°21	12°27	26° 7	22°51	6°30	12°22	16° 4	27°54	29°13	15°50	23°36	F 23
S 24	22 22 31	3°44'14	18°43	22°52	3°44	13° 7	26°16	22°54	6°32	12°21	16° 6	27°46	29°10	15°56	23°39	S 24
S 25	22 26 27	4°42'47	1♈14	22°35	3° 7	13°48	26°24	22°57	6°34	12°20	16° 8	27°41	29° 6	16° 3	23°42	S 25
M26	22 30 24	5°41'23	13°29	22°10	2°30	14°29	26°33	23° 0	6°36	12°19	16°10	27°37	29° 3	16°10	23°45	M26
T 27	22 34 20	6°40'00	25°32	21°39	1°53	15°10	26°41	23° 3	6°39	12°17	16°12	27°D36	29° 0	16°16	23°48	T 27
W28	22 38 17	7°38'40	7♉25	21° 0	1°18	15°51	26°49	23° 7	6°41	12°16	16°14	27°37	28°57	16°23	23°52	W28
T 29	22 42 13	8°37'22	19°14	20°15	0°43	16°32	26°57	23°10	6°43	12°15	16°16	27°38	28°54	16°30	23°55	T 29
F 30	22 46 10	9°36'06	1♊ 3	19°24	0° 9	17°13	27° 5	23°13	6°46	12°13	16°18	27°39	28°51	16°36	23°59	F 30
S 31	22 50 7	10♍34'53	12♊57	18♍28	29♌37	17♏55	27♊13	23♏17	6♏48	12♈12	16♌20	27°R39	28♈47	16♉43	24♏ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n28	16n17	1n 0	7n57	0s56	2n11	5s30	11s54	1s 5	23n 6	0s17	16s41	1n50	13s14	0n22	3n22	1s50	27n15	11n27	11n34	11n41	17n 4	15s49	2n54
F 2	17 12	20 37	2 0	7 20	1 5	1 58	5 42	12 8	1 6	23 7	0 17	16 41	1 49	13 15	0 22	3 21	1 50	27 14	11 27	11 33	11 40	17 7	15 49	2 54
S 3	16 56	24 9	2 55	6 45	1 15	1 47	5 54	12 22	1 6	23 8	0 17	16 42	1 49	13 15	0 22	3 21	1 50	27 14	11 27	11 33	11 39	17 10	15 50	2 54
S 4	16 39	26 40	3 43	6 10	1 24	1 36	6 7	12 36	1 7	23 8	0 17	16 42	1 49	13 16	0 22	3 21	1 50	27 13	11 27	11 31	11 38	17 13	15 50	2 54
M 5	16 22	27 57	4 21	5 35	1 34	1 27	6 19	12 50	1 8	23 9	0 17	16 43	1 49	13 16	0 22	3 20	1 51	27 12	11 27	11 29	11 37	17 16	15 50	2 54
T 6	16 5	27 50	4 48	5 1	1 43	1 18	6 30	13 4	1 8	23 9	0 17	16 43	1 48	13 16	0 22	3 20	1 51	27 12	11 28	11 26	11 35	17 19	15 51	2 53
W 7	15 47	26 13	5 1	4 28	1 53	1 10	6 42	13 18	1 9	23 10	0 17	16 44	1 48	13 17	0 22	3 20	1 51	27 11	11 28	11 22	11 34	17 21	15 51	2 53
T 8	15 29	23 7	4 58	3 56	2 3	1 4	6 54	13 32	1 10	23 11	0 17	16 44	1 48	13 17	0 22	3 19	1 51	27 11	11 28	11 18	11 33	17 24	15 51	2 53
F 9	15 11	18 43	4 39	3 25	2 12	0 59	7 5	13 46	1 10	23 11	0 17	16 45	1 48	13 18	0 22	3 19	1 51	27 10	11 28	11 14	11 32	17 27	15 52	2 53
S 10	14 53	13 16	4 3	2 55	2 22	0 55	7 16	14 0	1 11	23 12	0 17	16 46	1 47	13 18	0 22	3 19	1 51	27 10	11 28	11 10	11 31	17 30	15 52	2 53
S 11	14 34	7 4	3 12	2 26	2 31	0 52	7 26	14 14	1 12	23 12	0 17	16 46	1 47	13 19	0 22	3 18	1 51	27 9	11 28	11 7	11 30	17 33	15 53	2 53
M12	14 15	0 28	2 9	1 59	2 41	0 50	7 36	14 28	1 12	23 13	0 16	16 47	1 47	13 19	0 22	3 18	1 51	27 9	11 28	11 6	11 29	17 36	15 53	2 53
T 13	13 56	6s12	0 57	1 32	2 50	0 49	7 46	14 41	1 13	23 13	0 16	16 48	1 47	13 20	0 22	3 17	1 51	27 8	11 28	11 5	11 28	17 38	15 54	2 53
W14	13 37	12 35	0s18	1 8	2 59	0 50	7 55	14 55	1 13	23 14	0 16	16 48	1 46	13 21	0 22	3 17	1 51	27 8	11 28	11 5	11 26	17 41	15 55	2 53
T 15	13 17	18 18	1 33	0 45	3 7	0 52	8 3	15 9	1 14	23 14	0 16	16 49	1 46	13 21	0 22	3 17	1 51	27 7	11 28	11 5	11 25	17 44	15 55	2 53
F 16	12 57	23 0	2 41	0 24	3 15	0 55	8 11	15 22	1 15	23 15	0 16	16 50	1 46	13 22	0 22	3 16	1 51	27 7	11 29	11 5	11 24	17 47	15 56	2 53
S 17	12 37	26 19	3 39	0 6	3 23	1 0	8 18	15 36	1 15	23 15	0 16	16 51	1 46	13 22	0 22	3 16	1 51	27 6	11 29	11 4	11 23	17 50	15 57	2 53
S 18	12 17	28 0	4 24	0s11	3 31	1 5	8 25	15 49	1 16	23 15	0 16	16 52	1 46	13 23	0 22	3 15	1 51	27 6	11 29	11 3	11 22	17 52	15 57	2 53
M19	11 57	27 53	4 53	0 25	3 38	1 12	8 30	16 3	1 16	23 16	0 16	16 52	1 45	13 24	0 22	3 15	1 51	27 5	11 29	11 1	11 21	17 55	15 58	2 53
T 20	11 36	26 4	5 4	0 36	3 44	1 20	8 35	16 16	1 17	23 16	0 16	16 53	1 45	13 24	0 22	3 14	1 51	27 5	11 29	10 58	11 20	17 58	15 59	2 53
W21	11 16	22 46	4 59	0 45	3 50	1 30	8 39	16 29	1 17	23 17	0 16	16 54	1 45	13 25	0 22	3 14	1 51	27 4	11 29	10 55	11 19	18 1	15 59	2 53
T 22	10 55	18 20	4 37	0 50	3 55	1 40	8 42	16 42	1 18	23 17	0 16	16 55	1 45	13 26	0 21	3 13	1 51	27 4	11 29	10 51	11 17	18 3	16 0	2 53
F 23	10 34	13 7	4 1	0 52	3 59	1 51	8 44	16 55	1 18	23 17	0 16	16 56	1 44	13 27	0 21	3 13	1 51	27 3	11 30	10 48	11 16	18 6	16 1	2 53
S 24	10 12	7 27	3 13	0 50	4 1	2 3	8 45	17 8	1 19	23 18	0 16	16 57	1 44	13 27	0 21	3 12	1 52	27 3	11 30	10 45	11 15	18 9	16 2	2 53
S 25	9 51	1 36	2 17	0 45	4 3	2 16	8 45	17 21	1 19	23 18	0 16	16 58	1 44	13 28	0 21	3 12	1 52	27 2	11 30	10 43	11 14	18 12	16 2	2 53
M26	9 29	4n12	1 15	0 36	4 3	2 30	8 44	17 34	1 20	23 18	0 15	16 59	1 44	13 29	0 21	3 11	1 52	27 2	11 30	10 42	11 13	18 14	16 3	2 53
T 27	9 8	9 46	0 11	0 22	4 2	2 44	8 43	17 46	1 20	23 19	0 15	17 0	1 44	13 30	0 21	3 11	1 52	27 1	11 30	10 42	11 12	18 17	16 4	2 53
W28	8 46	14 55	0n53	0 4	3 59	2 59	8 40	17 59	1 21	23 19	0 15	17 1	1 43	13 30	0 21	3 10	1 52	27 1	11 30	10 42	11 11	18 20	16 5	2 53
T 29	8 24	19 29	1 54	0n18	3 54	3 15	8 36	18 11	1 21	23 19	0 15	17 2	1 43	13 31	0 21	3 10	1 52	27 1	11 31	10 42	11 9	18 23	16 6	2 52
F 30	8 1	23 18	2 51	0 44	3 48	3 30	8 32	18 24	1 21	23 19	0 15	17 3	1 43	13 32	0 21	3 9	1 52	27 0	11 31	10 43	11 8	18 25	16 7	2 52
S 31	7n39	26n 9	3n40	1n14	3s39	3n46	8s27	18s36	1s22	23n20	0s15	17s 4	1n43	13s33	0n21	3n 8	1s52	27n 0	11n31	10n43	11n 7	18n28	16s 8	2n52

Julian Day Number = 1984250.5, Delta T = 57m43s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'08, Lahiri = 6°02'08 Julian Calendar 1 Aug. 720 == Greg. Calendar 5 Aug. 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

SEPTEMBER 720 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 54 3	11♍33'42	25♊ 1	17°R27	29°R 6	18♏36	27♊21	23♏20	6♏51	12°R11	16♌21	27°R38	28♈44	16♉50	24♏ 6	S 1
M 2	22 58 0	12°32'33	7♋21	16♍22	28♌37	19°18	27°28	23°24	6°53	12♈ 9	16°23	27♈35	28°41	16°56	24°10	M 2
T 3	23 1 56	13°31'27	20° 1	15°16	28°10	20° 0	27°35	23°28	6°56	12° 8	16°25	27°31	28°38	17° 3	24°14	T 3
W 4	23 5 53	14°30'22	3♌ 3	14° 9	27°45	20°41	27°43	23°32	6°58	12° 6	16°27	27°24	28°35	17°10	24°18	W 4
T 5	23 9 49	15°29'21	16°28	13° 4	27°22	21°23	27°50	23°35	7° 1	12° 5	16°29	27°17	28°32	17°16	24°22	T 5
F 6	23 13 46	16°28'21	0♍17	12° 2	27° 1	22° 5	27°57	23°39	7° 4	12° 3	16°31	27°11	28°28	17°23	24°26	F 6
S 7	23 17 42	17°27'23	14°26	11° 4	26°42	22°48	28° 4	23°43	7° 6	12° 2	16°32	27° 5	28°25	17°30	24°30	S 7
S 8	23 21 39	18°26'28	28°50	10°13	26°26	23°30	28°10	23°47	7° 9	12° 0	16°34	27° 0	28°22	17°36	24°34	S 8
M 9	23 25 36	19°25'34	13♎24	9°29	26°12	24°12	28°17	23°52	7°12	11°59	16°36	26°58	28°19	17°43	24°39	M 9
T 10	23 29 32	20°24'43	28° 1	8°55	26° 0	24°55	28°23	23°56	7°14	11°57	16°38	26°D57	28°16	17°49	24°43	T 10
W11	23 33 29	21°23'53	12♏34	8°30	25°51	25°37	28°29	24° 0	7°17	11°56	16°39	26°58	28°12	17°56	24°48	W11
T 12	23 37 25	22°23'06	27° 1	8°15	25°44	26°20	28°35	24° 5	7°20	11°54	16°41	26°59	28° 9	18° 3	24°52	T 12
F 13	23 41 22	23°22'20	11♐17	8°D11	25°40	27° 3	28°41	24° 9	7°23	11°53	16°43	27° 0	28° 6	18° 9	24°57	F 13
S 14	23 45 18	24°21'36	25°20	8°18	25°D38	27°46	28°47	24°14	7°26	11°51	16°44	27°R 1	28° 3	18°16	25° 1	S 14
S 15	23 49 15	25°20'54	9♑10	8°35	25°39	28°29	28°52	24°18	7°29	11°50	16°46	27° 0	28° 0	18°23	25° 6	S 15
M16	23 53 11	26°20'14	22°46	9° 2	25°41	29°12	28°58	24°23	7°32	11°48	16°48	26°58	27°57	18°29	25°11	M16
T 17	23 57 8	27°19'35	6♒ 8	9°38	25°47	29°55	29° 3	24°28	7°35	11°46	16°49	26°54	27°53	18°36	25°16	T 17
W18	0 1 5	28°18'59	19°17	10°24	25°54	0♐38	29° 8	24°33	7°38	11°45	16°51	26°50	27°50	18°43	25°21	W18
T 19	0 5 1	29°18'24	2♓12	11°17	26° 4	1°22	29°13	24°38	7°41	11°43	16°53	26°45	27°47	18°49	25°26	T 19
F 20	0 8 58	0♎17'51	14°53	12°18	26°15	2° 5	29°18	24°43	7°44	11°41	16°54	26°41	27°44	18°56	25°31	F 20
S 21	0 12 54	1°17'20	27°22	13°26	26°29	2°48	29°22	24°48	7°47	11°40	16°56	26°37	27°41	19° 3	25°36	S 21
S 22	0 16 51	2°16'51	9♈39	14°39	26°45	3°32	29°27	24°53	7°51	11°38	16°57	26°35	27°37	19° 9	25°41	S 22
M23	0 20 47	3°16'25	21°45	15°57	27° 3	4°16	29°31	24°58	7°54	11°36	16°59	26°D34	27°34	19°16	25°47	M23
T 24	0 24 44	4°16'00	3♉43	17°20	27°23	4°59	29°35	25° 3	7°57	11°35	17° 0	26°34	27°31	19°23	25°52	T 24
W25	0 28 40	5°15'38	15°34	18°46	27°45	5°43	29°39	25° 8	8° 0	11°33	17° 2	26°35	27°28	19°29	25°57	W25
T 26	0 32 37	6°15'18	27°21	20°16	28° 9	6°27	29°42	25°14	8° 4	11°31	17° 3	26°37	27°25	19°36	26° 3	T 26
F 27	0 36 33	7°15'00	9♊10	21°48	28°34	7°11	29°46	25°19	8° 7	11°30	17° 4	26°38	27°22	19°43	26° 8	F 27
S 28	0 40 30	8°14'45	21° 3	23°22	29° 1	7°55	29°49	25°25	8°10	11°28	17° 6	26°40	27°18	19°49	26°14	S 28
S 29	0 44 27	9°14'32	3♋ 6	24°58	29°30	8°39	29°52	25°30	8°14	11°26	17° 7	26°40	27°15	19°56	26°19	S 29
M30	0 48 23	10♎14'21	15♋23	26♍35	0♍ 0	9♐24	29♊55	25♏36	8♏17	11♈25	17♌ 9	26°R40	27♈12	20♉ 3	26♏25	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n17	27n52	4n21	1n47	3s29	4n 3	8s21	18s48	1s22	23n20	0s15	17s 5	1n42	13s34	0n21	3n 8	1s52	26n59	11n31	10n42	11n 6	18n31	16s 9	2n52
M 2	6 54	28 14	4 50	2 24	3 17	4 19	8 14	19 0	1 23	23 20	0 15	17 6	1 42	13 34	0 21	3 7	1 52	26 59	11 31	10 41	11 5	18 34	16 10	2 52
T 3	6 31	27 9	5 7	3 3	3 2	4 35	8 6	19 12	1 23	23 20	0 15	17 7	1 42	13 35	0 21	3 7	1 52	26 59	11 32	10 40	11 4	18 36	16 11	2 52
W 4	6 8	24 36	5 8	3 43	2 46	4 51	7 58	19 23	1 23	23 20	0 15	17 8	1 42	13 36	0 21	3 6	1 52	26 58	11 32	10 37	11 3	18 39	16 12	2 52
T 5	5 46	20 39	4 52	4 25	2 29	5 7	7 49	19 35	1 24	23 21	0 15	17 10	1 42	13 37	0 21	3 6	1 52	26 58	11 32	10 35	11 2	18 42	16 13	2 52
F 6	5 23	15 29	4 20	5 6	2 10	5 23	7 40	19 46	1 24	23 21	0 15	17 11	1 41	13 38	0 21	3 5	1 52	26 57	11 32	10 32	11 0	18 44	16 14	2 52
S 7	4 59	9 24	3 30	5 46	1 51	5 39	7 30	19 58	1 24	23 21	0 15	17 12	1 41	13 39	0 21	3 4	1 52	26 57	11 33	10 30	10 59	18 47	16 15	2 52
S 8	4 36	2 43	2 27	6 24	1 31	5 54	7 20	20 9	1 25	23 21	0 15	17 13	1 41	13 40	0 21	3 4	1 52	26 57	11 33	10 29	10 58	18 50	16 16	2 52
M 9	4 13	4s12	1 13	6 59	1 10	6 8	7 9	20 20	1 25	23 21	0 14	17 14	1 41	13 41	0 21	3 3	1 52	26 57	11 33	10 28	10 57	18 53	16 17	2 52
T 10	3 49	10 56	0s 6	7 30	0 50	6 22	6 58	20 30	1 25	23 21	0 14	17 16	1 41	13 42	0 21	3 2	1 52	26 56	11 33	10 27	10 56	18 55	16 18	2 52
W11	3 26	17 3	1 24	7 58	0 31	6 36	6 47	20 41	1 26	23 22	0 14	17 17	1 40	13 43	0 21	3 2	1 52	26 56	11 34	10 28	10 55	18 58	16 19	2 52
T 12	3 3	22 10	2 37	8 21	0 12	6 49	6 36	20 52	1 26	23 22	0 14	17 18	1 40	13 44	0 21	3 1	1 52	26 56	11 34	10 28	10 54	19 1	16 20	2 52
F 13	2 39	25 54	3 39	8 39	0n 6	7 2	6 24	21 2	1 26	23 22	0 14	17 20	1 40	13 45	0 21	3 1	1 52	26 55	11 34	10 29	10 52	19 3	16 21	2 52
S 14	2 15	27 58	4 26	8 52	0 23	7 13	6 12	21 12	1 26	23 22	0 14	17 21	1 40	13 46	0 21	3 0	1 52	26 55	11 34	10 29	10 51	19 6	16 22	2 52
S 15	1 52	28 14	4 58	9 0	0 39	7 24	6 0	21 22	1 27	23 22	0 14	17 22	1 40	13 47	0 21	2 59	1 52	26 55	11 35	10 29	10 50	19 9	16 24	2 52
M16	1 28	26 48	5 12	9 3	0 53	7 35	5 48	21 32	1 27	23 22	0 14	17 24	1 39	13 48	0 21	2 59	1 52	26 54	11 35	10 28	10 49	19 11	16 25	2 52
T 17	1 4	23 51	5 9	9 1	1 5	7 45	5 36	21 42	1 27	23 22	0 14	17 25	1 39	13 49	0 21	2 58	1 52	26 54	11 35	10 26	10 48	19 14	16 26	2 52
W18	0 40	19 43	4 49	8 54	1 17	7 54	5 24	21 51	1 27	23 23	0 14	17 26	1 39	13 50	0 21	2 57	1 52	26 54	11 36	10 25	10 47	19 17	16 27	2 52
T 19	0 17	14 44	4 15	8 43	1 27	8 2	5 12	22 0	1 28	23 23	0 14	17 28	1 39	13 51	0 21	2 57	1 52	26 54	11 36	10 23	10 46	19 19	16 28	2 52
F 20	0s 7	9 12	3 29	8 27	1 35	8 9	5 0	22 9	1 28	23 23	0 14	17 29	1 39	13 52	0 21	2 56	1 52	26 54	11 36	10 22	10 44	19 22	16 30	2 52
S 21	0 31	3 24	2 34	8 8	1 42	8 16	4 47	22 18	1 28	23 23	0 14	17 30	1 39	13 53	0 21	2 55	1 52	26 53	11 36	10 20	10 43	19 25	16 31	2 52
S 22	0 55	2n27	1 32	7 45	1 48	8 22	4 35	22 27	1 28	23 23	0 13	17 32	1 38	13 54	0 21	2 55	1 52	26 53	11 37	10 19	10 42	19 27	16 32	2 52
M23	1 19	8 8	0 26	7 19	1 53	8 27	4 24	22 35	1 28	23 23	0 13	17 33	1 38	13 55	0 21	2 54	1 52	26 53	11 37	10 19	10 41	19 30	16 33	2 52
T 24	1 42	13 27	0n39	6 49	1 56	8 32	4 12	22 44	1 28	23 23	0 13	17 35	1 38	13 56	0 21	2 53	1 52	26 53	11 37	10 19	10 40	19 32	16 34	2 52
W25	2 6	18 15	1 43	6 18	1 59	8 35	4 0	22 52	1 29	23 23	0 13	17 36	1 38	13 57	0 21	2 53	1 52	26 53	11 38	10 19	10 39	19 35	16 36	2 52
T 26	2 30	22 20	2 42	5 44	2 0	8 38	3 48	23 0	1 29	23 23	0 13	17 37	1 38	13 58	0 21	2 52	1 52	26 52	11 38	10 20	10 37	19 38	16 37	2 52
F 27	2 54	25 30	3 34	5 8	2 1	8 40	3 37	23 7	1 29	23 23	0 13	17 39	1 38	13 59	0 21	2 51	1 52	26 52	11 38	10 21	10 36	19 40	16 38	2 52
S 28	3 18	27 35	4 18	4 30	2 1	8 41	3 26	23 15	1 29	23 23	0 13	17 40	1 37	14 0	0 21	2 51	1 52	26 52	11 39	10 21	10 35	19 43	16 40	2 52
S 29	3 41	28 24	4 50	3 51	2 0	8 42	3 14	23 22	1 29	23 24	0 13	17 42	1 37	14 1	0 21	2 50	1 52	26 52	11 39	10 21	10 34	19 46	16 41	2 52
M30	4s 5	27n51	5n10	3n10	1n58	8n41	3s 3	23s29	1s29	23n24	0s13	17s43	1n37	14s 2	0n21	2n49	1s52	26n52	11n39	10n21	10n33	19n48	16s42	2n52

Julian Day Number = 1984281.5, Delta T = 57m42s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'12, Lahiri = 6°02'13 Julian Calendar 1 Sept. 720 == Greg. Calendar 5 Sept. 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

OCTOBER 720 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 52 20	11♎14'13	27♋59	28♍14	0♍32	10♐ 8	29♊58	25♏41	8♏20	11°R23	17♌10	26°R40	27♈ 9	20♉ 9	26♏31	T 1
W 2	0 56 16	12°14'07	10♌59	29°53	1° 6	10°52	0♋ 0	25°47	8°24	11♈21	17°11	26♈38	27° 6	20°16	26°37	W 2
T 3	1 0 13	13°14'03	24°23	1♎32	1°40	11°37	0° 3	25°53	8°27	11°20	17°13	26°37	27° 3	20°23	26°43	T 3
F 4	1 4 9	14°14'01	8♍14	3°12	2°17	12°21	0° 5	25°59	8°31	11°18	17°14	26°35	26°59	20°29	26°48	F 4
S 5	1 8 6	15°14'01	22°31	4°53	2°54	13° 6	0° 7	26° 4	8°34	11°16	17°15	26°34	26°56	20°36	26°54	S 5
S 6	1 12 2	16°14'04	7♎ 9	6°33	3°33	13°51	0° 8	26°10	8°38	11°15	17°16	26°33	26°53	20°43	27° 0	S 6
M 7	1 15 59	17°14'08	22° 2	8°13	4°13	14°35	0°10	26°16	8°41	11°13	17°17	26°D32	26°50	20°49	27° 6	M 7
T 8	1 19 56	18°14'15	7♏ 2	9°54	4°54	15°20	0°11	26°22	8°45	11°11	17°19	26°32	26°47	20°56	27°12	T 8
W 9	1 23 52	19°14'23	22° 1	11°34	5°36	16° 5	0°13	26°28	8°48	11°10	17°20	26°33	26°43	21° 2	27°19	W 9
T 10	1 27 49	20°14'33	6♐51	13°14	6°19	16°50	0°14	26°34	8°52	11° 8	17°21	26°33	26°40	21° 9	27°25	T 10
F 11	1 31 45	21°14'45	21°25	14°53	7° 4	17°35	0°14	26°41	8°55	11° 6	17°22	26°34	26°37	21°16	27°31	F 11
S 12	1 35 42	22°14'58	5♑40	16°32	7°49	18°20	0°15	26°47	8°59	11° 5	17°23	26°34	26°34	21°22	27°37	S 12
S 13	1 39 38	23°15'13	19°34	18°11	8°36	19° 5	0°15	26°53	9° 3	11° 3	17°24	26°R34	26°31	21°29	27°44	S 13
M14	1 43 35	24°15'29	3♒ 5	19°50	9°23	19°51	0°R15	26°59	9° 6	11° 1	17°25	26°34	26°28	21°36	27°50	M14
T 15	1 47 31	25°15'47	16°17	21°28	10°11	20°36	0°15	27° 6	9°10	11° 0	17°26	26°34	26°24	21°42	27°56	T 15
W16	1 51 28	26°16'07	29°10	23° 6	11° 0	21°21	0°15	27°12	9°14	10°58	17°27	26°D34	26°21	21°49	28° 3	W16
T 17	1 55 25	27°16'27	11♓47	24°43	11°50	22° 6	0°15	27°18	9°17	10°57	17°28	26°34	26°18	21°56	28° 9	T 17
F 18	1 59 21	28°16'50	24°10	26°21	12°41	22°52	0°14	27°25	9°21	10°55	17°29	26°34	26°15	22° 2	28°16	F 18
S 19	2 3 18	29°17'14	6♈23	27°57	13°32	23°37	0°13	27°31	9°25	10°53	17°30	26°34	26°12	22° 9	28°22	S 19
S 20	2 7 14	0♏17'39	18°26	29°34	14°24	24°23	0°12	27°38	9°28	10°52	17°31	26°35	26° 9	22°16	28°29	S 20
M21	2 11 11	1°18'06	0♉23	1♏10	15°17	25° 8	0°11	27°44	9°32	10°50	17°31	26°R35	26° 5	22°22	28°35	M21
T 22	2 15 7	2°18'35	12°15	2°46	16°11	25°54	0°10	27°51	9°36	10°49	17°32	26°34	26° 2	22°29	28°42	T 22
W23	2 19 4	3°19'06	24° 4	4°21	17° 5	26°40	0° 8	27°57	9°39	10°47	17°33	26°34	25°59	22°36	28°49	W23
T 24	2 23 0	4°19'38	5♊52	5°56	18° 0	27°26	0° 6	28° 4	9°43	10°46	17°34	26°33	25°56	22°42	28°55	T 24
F 25	2 26 57	5°20'12	17°42	7°31	18°56	28°11	0° 4	28°11	9°47	10°44	17°34	26°32	25°53	22°49	29° 2	F 25
S 26	2 30 54	6°20'48	29°38	9° 6	19°52	28°57	0° 2	28°17	9°50	10°43	17°35	26°30	25°49	22°56	29° 9	S 26
S 27	2 34 50	7°21'26	11♋41	10°41	20°49	29°43	29♊59	28°24	9°54	10°41	17°36	26°29	25°46	23° 2	29°16	S 27
M28	2 38 47	8°22'05	23°57	12°15	21°46	0♑29	29°57	28°31	9°58	10°40	17°36	26°28	25°43	23° 9	29°22	M28
T 29	2 42 43	9°22'46	6♌29	13°49	22°44	1°15	29°54	28°38	10° 2	10°38	17°37	26°D28	25°40	23°16	29°29	T 29
W30	2 46 40	10°23'29	19°20	15°23	23°42	2° 1	29°51	28°44	10° 5	10°37	17°37	26°28	25°37	23°22	29°36	W30
T 31	2 50 36	11♏24'13	2♍36	16♏56	24♍41	2♑47	29♊48	28♏51	10♏ 9	10♈35	17♌38	26♈28	25♈34	23♉29	29♏43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s29	25n52	5n16	2n29	1n56	8n40	2s52	23s36	1s29	23n24	0s13	17s45	1n37	14s 4	0n21	2n49	1s52	26n52	11n40	10n21	10n32	19n51	16s43	2n52
W 2	4 52	22 30	5 7	1 46	1 53	8 38	2 42	23 42	1 29	23 24	0 13	17 46	1 37	14 5	0 21	2 48	1 52	26 52	11 40	10 21	10 31	19 53	16 45	2 52
T 3	5 16	17 53	4 40	1 3	1 50	8 36	2 31	23 49	1 29	23 24	0 12	17 48	1 37	14 6	0 21	2 47	1 52	26 52	11 40	10 20	10 29	19 56	16 46	2 52
F 4	5 39	12 12	3 57	0 20	1 46	8 33	2 21	23 55	1 29	23 24	0 12	17 49	1 36	14 7	0 21	2 47	1 52	26 52	11 41	10 19	10 28	19 59	16 47	2 52
S 5	6 2	5 42	2 58	0s24	1 41	8 29	2 11	24 1	1 29	23 24	0 12	17 51	1 36	14 8	0 21	2 46	1 52	26 52	11 41	10 19	10 27	20 1	16 49	2 52
S 6	6 26	1s14	1 46	1 8	1 37	8 24	2 1	24 6	1 30	23 24	0 12	17 52	1 36	14 9	0 21	2 45	1 52	26 52	11 42	10 19	10 26	20 4	16 50	2 52
M 7	6 49	8 15	0 25	1 53	1 32	8 19	1 51	24 12	1 30	23 24	0 12	17 54	1 36	14 10	0 21	2 45	1 52	26 51	11 42	10 18	10 25	20 6	16 51	2 52
T 8	7 12	14 52	0s58	2 37	1 27	8 12	1 41	24 17	1 30	23 24	0 12	17 55	1 36	14 11	0 21	2 44	1 52	26 51	11 42	10 18	10 24	20 9	16 53	2 52
W 9	7 35	20 36	2 17	3 21	1 21	8 6	1 32	24 22	1 30	23 24	0 12	17 57	1 36	14 13	0 21	2 43	1 52	26 51	11 43	10 19	10 22	20 11	16 54	2 52
T 10	7 58	24 59	3 26	4 6	1 16	7 58	1 23	24 26	1 30	23 25	0 12	17 59	1 36	14 14	0 20	2 43	1 52	26 51	11 43	10 19	10 21	20 14	16 55	2 52
F 11	8 21	27 39	4 20	4 50	1 10	7 50	1 14	24 31	1 30	23 25	0 12	18 0	1 35	14 15	0 20	2 42	1 52	26 51	11 43	10 19	10 20	20 17	16 57	2 52
S 12	8 43	28 26	4 57	5 34	1 4	7 41	1 5	24 35	1 30	23 25	0 12	18 2	1 35	14 16	0 20	2 41	1 52	26 51	11 44	10 19	10 19	20 19	16 58	2 52
S 13	9 6	27 22	5 15	6 18	0 58	7 32	0 56	24 38	1 29	23 25	0 12	18 3	1 35	14 17	0 20	2 41	1 52	26 51	11 44	10 19	10 18	20 22	17 0	2 52
M14	9 28	24 43	5 16	7 1	0 51	7 22	0 48	24 42	1 29	23 25	0 11	18 5	1 35	14 18	0 20	2 40	1 52	26 52	11 45	10 19	10 17	20 24	17 1	2 52
T 15	9 50	20 49	4 59	7 44	0 45	7 12	0 40	24 45	1 29	23 25	0 11	18 6	1 35	14 20	0 20	2 40	1 52	26 52	11 45	10 19	10 16	20 27	17 2	2 52
W16	10 13	16 1	4 28	8 27	0 38	7 0	0 31	24 49	1 29	23 25	0 11	18 8	1 35	14 21	0 20	2 39	1 52	26 52	11 45	10 19	10 14	20 29	17 4	2 53
T 17	10 34	10 39	3 44	9 9	0 32	6 49	0 24	24 51	1 29	23 25	0 11	18 10	1 35	14 22	0 20	2 38	1 52	26 52	11 46	10 19	10 13	20 32	17 5	2 53
F 18	10 56	4 56	2 51	9 51	0 25	6 36	0 16	24 54	1 29	23 25	0 11	18 11	1 35	14 23	0 20	2 38	1 52	26 52	11 46	10 19	10 12	20 34	17 6	2 53
S 19	11 18	0n52	1 50	10 32	0 19	6 23	0 8	24 56	1 29	23 25	0 11	18 13	1 34	14 24	0 20	2 37	1 52	26 52	11 47	10 19	10 11	20 37	17 8	2 53
S 20	11 39	6 35	0 45	11 12	0 12	6 10	0 1	24 58	1 29	23 26	0 11	18 14	1 34	14 26	0 20	2 37	1 52	26 52	11 47	10 19	10 10	20 39	17 9	2 53
M21	12 1	12 1	0n21	11 53	0 5	5 56	0n 6	25 0	1 29	23 26	0 11	18 16	1 34	14 27	0 20	2 36	1 52	26 52	11 47	10 19	10 9	20 42	17 10	2 53
T 22	12 22	16 59	1 26	12 32	0s 1	5 41	0 13	25 1	1 29	23 26	0 11	18 17	1 34	14 28	0 20	2 35	1 52	26 52	11 48	10 19	10 7	20 44	17 12	2 53
W23	12 42	21 17	2 27	13 11	0 8	5 26	0 20	25 3	1 29	23 26	0 11	18 19	1 34	14 29	0 20	2 35	1 52	26 52	11 48	10 19	10 6	20 47	17 13	2 53
T 24	13 3	24 44	3 21	13 49	0 15	5 11	0 26	25 3	1 29	23 26	0 10	18 21	1 34	14 30	0 20	2 34	1 52	26 53	11 49	10 19	10 5	20 49	17 15	2 53
F 25	13 24	27 8	4 7	14 27	0 21	4 55	0 33	25 4	1 28	23 26	0 10	18 22	1 34	14 31	0 20	2 34	1 52	26 53	11 49	10 18	10 4	20 52	17 16	2 53
S 26	13 44	28 19	4 43	15 4	0 28	4 38	0 39	25 4	1 28	23 26	0 10	18 24	1 34	14 33	0 20	2 33	1 52	26 53	11 49	10 18	10 3	20 54	17 17	2 53
S 27	14 4	28 10	5 6	15 40	0 34	4 21	0 45	25 4	1 28	23 26	0 10	18 25	1 33	14 34	0 20	2 32	1 52	26 53	11 50	10 17	10 2	20 57	17 19	2 53
M28	14 24	26 40	5 17	16 16	0 40	4 4	0 51	25 4	1 28	23 26	0 10	18 27	1 33	14 35	0 20	2 32	1 52	26 53	11 50	10 17	10 0	20 59	17 20	2 54
T 29	14 43	23 49	5 12	16 50	0 47	3 46	0 57	25 4	1 28	23 26	0 10	18 29	1 33	14 36	0 20	2 31	1 52	26 54	11 51	10 17	9 59	21 2	17 21	2 54
W30	15 2	19 44	4 52	17 24	0 53	3 28	1 2	25 3	1 28	23 27	0 10	18 30	1 33	14 37	0 20	2 31	1 52	26 54	11 51	10 17	9 58	21 4	17 23	2 54
T 31	15s21	14n36	4n16	17s57	0s59	3n 9	1n 8	25s 2	1s27	23n27	0s10	18s32	1n33	14s39	0n20	2n30	1s52	26n54	11n52	10n17	9n57	21n 7	17s24	2n54

Julian Day Number = 1984311.5, Delta T = 57m41s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'16, Lahiri = 6°02'17 Julian Calendar 1 Oct. 720 == Greg. Calendar 5 Oct. 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

NOVEMBER 720 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 54 33	12♏25'00	16♍18	18♏30	25♍41	3♑33	29°R45	28♏58	10♏13	10°R34	17♌38	26♈30	25♈30	23♉36	29♏50	F 1
S 2	2 58 29	13°25'47	0♎27	20° 3	26°41	4°19	29♊41	29° 5	10°16	10♈33	17°39	26°31	25°27	23°42	29°57	S 2
S 3	3 2 26	14°26'37	15° 2	21°37	27°41	5° 5	29°37	29°12	10°20	10°31	17°39	26°32	25°24	23°49	0♐ 4	S 3
M 4	3 6 23	15°27'27	29°58	23°10	28°42	5°52	29°33	29°19	10°24	10°30	17°40	26°R32	25°21	23°56	0°10	M 4
T 5	3 10 19	16°28'20	15♏ 8	24°43	29°43	6°38	29°29	29°26	10°28	10°29	17°40	26°31	25°18	24° 2	0°17	T 5
W 6	3 14 16	17°29'13	0♐23	26°16	0♎45	7°24	29°25	29°32	10°31	10°27	17°40	26°30	25°14	24° 9	0°24	W 6
T 7	3 18 12	18°30'08	15°33	27°49	1°47	8°10	29°21	29°39	10°35	10°26	17°41	26°27	25°11	24°16	0°31	T 7
F 8	3 22 9	19°31'04	0♑28	29°21	2°49	8°57	29°16	29°46	10°39	10°25	17°41	26°24	25° 8	24°22	0°38	F 8
S 9	3 26 5	20°32'01	15° 1	0♐54	3°52	9°43	29°11	29°53	10°42	10°24	17°41	26°20	25° 5	24°29	0°45	S 9
S 10	3 30 2	21°32'58	29° 7	2°26	4°55	10°30	29° 6	0♐ 0	10°46	10°23	17°41	26°18	25° 2	24°36	0°52	S 10
M11	3 33 58	22°33'57	12♒45	3°59	5°59	11°16	29° 1	0° 7	10°50	10°21	17°41	26°16	24°59	24°42	0°59	M11
T 12	3 37 55	23°34'56	25°57	5°31	7° 3	12° 2	28°56	0°14	10°53	10°20	17°42	26°D16	24°55	24°49	1° 6	T 12
W13	3 41 52	24°35'55	8♓45	7° 3	8° 7	12°49	28°50	0°21	10°57	10°19	17°42	26°17	24°52	24°56	1°14	W13
T 14	3 45 48	25°36'56	21°13	8°35	9°11	13°36	28°44	0°28	11° 1	10°18	17°42	26°18	24°49	25° 2	1°21	T 14
F 15	3 49 45	26°37'57	3♈26	10° 7	10°16	14°22	28°39	0°35	11° 4	10°17	17°42	26°20	24°46	25° 9	1°28	F 15
S 16	3 53 41	27°38'58	15°28	11°38	11°21	15° 9	28°33	0°42	11° 8	10°16	17°R42	26°21	24°43	25°16	1°35	S 16
S 17	3 57 38	28°40'01	27°22	13° 9	12°27	15°55	28°27	0°50	11°11	10°15	17°42	26°R22	24°40	25°22	1°42	S 17
M18	4 1 34	29°41'04	9♉12	14°40	13°32	16°42	28°20	0°57	11°15	10°14	17°42	26°21	24°36	25°29	1°49	M18
T 19	4 5 31	0♐42'08	21° 0	16°10	14°38	17°28	28°14	1° 4	11°19	10°13	17°42	26°18	24°33	25°36	1°56	T 19
W20	4 9 27	1°43'13	2♊49	17°40	15°44	18°15	28° 7	1°11	11°22	10°12	17°41	26°14	24°30	25°42	2° 3	W20
T 21	4 13 24	2°44'18	14°41	19° 9	16°51	19° 2	28° 1	1°18	11°26	10°11	17°41	26° 8	24°27	25°49	2°10	T 21
F 22	4 17 21	3°45'25	26°37	20°37	17°57	19°48	27°54	1°25	11°29	10°10	17°41	26° 1	24°24	25°56	2°17	F 22
S 23	4 21 17	4°46'32	8♋39	22° 5	19° 4	20°35	27°47	1°32	11°33	10°10	17°41	25°53	24°20	26° 2	2°24	S 23
S 24	4 25 14	5°47'40	20°50	23°31	20°12	21°22	27°40	1°39	11°36	10° 9	17°41	25°46	24°17	26° 9	2°31	S 24
M25	4 29 10	6°48'48	3♌10	24°56	21°19	22° 9	27°33	1°46	11°40	10° 8	17°40	25°40	24°14	26°16	2°38	M25
T 26	4 33 7	7°49'58	15°43	26°19	22°27	22°55	27°26	1°53	11°43	10° 7	17°40	25°35	24°11	26°22	2°45	T 26
W27	4 37 3	8°51'08	28°32	27°41	23°34	23°42	27°19	2° 0	11°47	10° 7	17°40	25°33	24° 8	26°29	2°52	W27
T 28	4 41 0	9°52'18	11♍39	29° 0	24°42	24°29	27°11	2° 7	11°50	10° 6	17°40	25°D32	24° 5	26°36	2°59	T 28
F 29	4 44 57	10°53'30	25° 9	0♑17	25°51	25°16	27° 4	2°14	11°53	10° 5	17°39	25°33	24° 1	26°42	3° 6	F 29
S 30	4 48 53	11♐54'42	9♎ 3	1♑30	26♎59	26♑ 2	26♊56	2♐21	11♏57	10♈ 5	17♌39	25♈34	23♈58	26♉49	3♐13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s40	8n35	3n25	18s29	1s 5	2n50	1n13	25s 1	1s27	23n27	0s10	18s33	1n33	14s40	0n20	2n30	1s52	26n54	11n52	10n17	9n56	21n 9	17s25	2n54
S 2	15 59	1 57	2 19	19 1	1 11	2 31	1 18	24 59	1 27	23 27	0 9	18 35	1 33	14 41	0 20	2 29	1 52	26 54	11 52	10 18	9 55	21 12	17 27	2 54
S 3	16 17	4s59	1 3	19 31	1 16	2 11	1 22	24 57	1 27	23 27	0 9	18 37	1 33	14 42	0 20	2 29	1 52	26 55	11 53	10 18	9 53	21 14	17 28	2 54
M 4	16 35	11 50	0s19	20 1	1 22	1 51	1 27	24 55	1 26	23 27	0 9	18 38	1 33	14 43	0 20	2 28	1 52	26 55	11 53	10 18	9 52	21 16	17 29	2 54
T 5	16 53	18 6	1 41	20 29	1 27	1 31	1 32	24 53	1 26	23 27	0 9	18 40	1 33	14 45	0 20	2 28	1 52	26 55	11 54	10 18	9 51	21 19	17 31	2 54
W 6	17 10	23 15	2 56	20 57	1 32	1 10	1 36	24 50	1 26	23 27	0 9	18 41	1 33	14 46	0 20	2 27	1 52	26 56	11 54	10 17	9 50	21 21	17 32	2 55
T 7	17 27	26 46	3 58	21 23	1 37	0 49	1 40	24 47	1 26	23 27	0 9	18 43	1 32	14 47	0 20	2 27	1 52	26 56	11 55	10 16	9 49	21 24	17 33	2 55
F 8	17 44	28 20	4 43	21 49	1 42	0 27	1 44	24 43	1 26	23 28	0 9	18 44	1 32	14 48	0 20	2 26	1 52	26 56	11 55	10 15	9 48	21 26	17 35	2 55
S 9	18 0	27 52	5 9	22 13	1 46	0 6	1 48	24 40	1 25	23 28	0 9	18 46	1 32	14 49	0 20	2 26	1 52	26 57	11 55	10 14	9 46	21 29	17 36	2 55
S 10	18 17	25 36	5 14	22 36	1 51	0s16	1 51	24 36	1 25	23 28	0 9	18 47	1 32	14 50	0 20	2 26	1 52	26 57	11 56	10 13	9 45	21 31	17 37	2 55
M11	18 32	21 55	5 2	22 58	1 55	0 38	1 55	24 32	1 25	23 28	0 8	18 49	1 32	14 51	0 20	2 25	1 52	26 57	11 56	10 13	9 44	21 33	17 39	2 55
T 12	18 48	17 14	4 34	23 19	1 59	1 0	1 58	24 27	1 24	23 28	0 8	18 51	1 32	14 53	0 20	2 25	1 52	26 58	11 57	10 12	9 43	21 36	17 40	2 55
W13	19 3	11 56	3 52	23 39	2 2	1 23	2 1	24 23	1 24	23 28	0 8	18 52	1 32	14 54	0 20	2 24	1 52	26 58	11 57	10 13	9 42	21 38	17 41	2 56
T 14	19 18	6 17	3 1	23 57	2 5	1 46	2 4	24 18	1 24	23 28	0 8	18 54	1 32	14 55	0 20	2 24	1 51	26 58	11 58	10 13	9 41	21 41	17 42	2 56
F 15	19 32	0 30	2 3	24 14	2 8	2 9	2 7	24 13	1 23	23 28	0 8	18 55	1 32	14 56	0 20	2 24	1 51	26 59	11 58	10 14	9 39	21 43	17 44	2 56
S 16	19 46	5n13	0 59	24 30	2 11	2 32	2 10	24 7	1 23	23 28	0 8	18 57	1 32	14 57	0 20	2 23	1 51	26 59	11 58	10 14	9 38	21 45	17 45	2 56
S 17	20 0	10 41	0n 5	24 44	2 13	2 55	2 12	24 1	1 23	23 28	0 8	18 58	1 32	14 58	0 20	2 23	1 51	27 0	11 59	10 15	9 37	21 48	17 46	2 56
M18	20 13	15 45	1 10	24 57	2 15	3 19	2 15	23 55	1 22	23 28	0 7	19 0	1 32	14 59	0 20	2 23	1 51	27 0	11 59	10 14	9 36	21 50	17 47	2 56
T 19	20 26	20 14	2 11	25 8	2 16	3 42	2 17	23 49	1 22	23 28	0 7	19 1	1 32	15 1	0 20	2 22	1 51	27 0	12 0	10 13	9 35	21 52	17 49	2 57
W20	20 39	23 54	3 6	25 18	2 17	4 6	2 19	23 42	1 22	23 28	0 7	19 3	1 32	15 2	0 20	2 22	1 51	27 1	12 0	10 12	9 34	21 55	17 50	2 57
T 21	20 51	26 35	3 53	25 26	2 17	4 30	2 21	23 35	1 21	23 28	0 7	19 4	1 32	15 3	0 20	2 22	1 51	27 1	12 1	10 10	9 32	21 57	17 51	2 57
F 22	21 3	28 4	4 30	25 33	2 17	4 54	2 23	23 28	1 21	23 28	0 7	19 6	1 32	15 4	0 20	2 21	1 51	27 2	12 1	10 7	9 31	21 59	17 52	2 57
S 23	21 14	28 15	4 56	25 38	2 16	5 18	2 25	23 21	1 21	23 28	0 7	19 7	1 31	15 5	0 20	2 21	1 51	27 2	12 1	10 4	9 30	22 2	17 53	2 57
S 24	21 25	27 3	5 8	25 42	2 15	5 42	2 26	23 13	1 20	23 28	0 7	19 9	1 31	15 6	0 20	2 21	1 51	27 3	12 2	10 1	9 29	22 4	17 55	2 58
M25	21 36	24 33	5 7	25 44	2 13	6 6	2 27	23 5	1 20	23 28	0 7	19 10	1 31	15 7	0 20	2 21	1 51	27 3	12 2	9 59	9 28	22 6	17 56	2 58
T 26	21 46	20 51	4 51	25 44	2 11	6 30	2 29	22 57	1 19	23 28	0 6	19 11	1 31	15 8	0 20	2 20	1 51	27 4	12 3	9 58	9 27	22 9	17 57	2 58
W27	21 56	16 8	4 20	25 42	2 7	6 54	2 30	22 49	1 19	23 28	0 6	19 13	1 31	15 9	0 20	2 20	1 51	27 4	12 3	9 57	9 25	22 11	17 58	2 58
T 28	22 5	10 33	3 35	25 39	2 3	7 18	2 31	22 40	1 19	23 28	0 6	19 14	1 31	15 10	0 20	2 20	1 51	27 5	12 4	9 56	9 24	22 13	17 59	2 58
F 29	22 14	4 20	2 37	25 35	1 58	7 42	2 32	22 31	1 18	23 28	0 6	19 16	1 31	15 11	0 20	2 20	1 51	27 5	12 4	9 57	9 23	22 16	18 0	2 59
S 30	22s22	2s16	1n28	25s28	1s52	8s 6	2n32	22s22	1s18	23n28	0s 6	19s17	1n31	15s12	0n20	2n19	1s51	27n 6	12n 4	9n57	9n22	22n18	18s 1	2n59

Julian Day Number = 1984342.5, Delta T = 57m40s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'20, Lahiri = 6°02'21 Julian Calendar 1 Nov. 720 == Greg. Calendar 5 Nov. 720

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ASTRODIENST EPHEMERIS for the year 720
geocentric

DECEMBER 720 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 52 50	12♐55'55	23♎22	2♉40	28♎ 8	26♉49	26°R48	2♐28	12♏ 0	10°R 4	17°R38	25°R35	23♈55	26♉56	3♐20	S 1
M 2	4 56 46	13°57'08	8♏ 5	3°46	29°16	27°36	26♊41	2°35	12° 3	10♈ 4	17♌38	25♈35	23°52	27° 2	3°27	M 2
T 3	5 0 43	14°58'22	23° 6	4°47	0♏25	28°23	26°33	2°42	12° 7	10° 3	17°37	25°32	23°49	27° 9	3°34	T 3
W 4	5 4 39	15°59'37	8♐18	5°42	1°34	29°10	26°25	2°49	12°10	10° 3	17°37	25°27	23°46	27°16	3°41	W 4
T 5	5 8 36	17° 0'51	23°31	6°32	2°44	29°56	26°17	2°56	12°13	10° 2	17°36	25°19	23°42	27°22	3°48	T 5
F 6	5 12 32	18° 2'06	8♉35	7°14	3°53	0♒43	26° 9	3° 3	12°16	10° 2	17°36	25°11	23°39	27°29	3°55	F 6
S 7	5 16 29	19° 3'21	23°19	7°47	5° 3	1°30	26° 1	3° 9	12°20	10° 1	17°35	25° 2	23°36	27°36	4° 2	S 7
S 8	5 20 26	20° 4'36	7♒38	8°12	6°12	2°17	25°53	3°16	12°23	10° 1	17°34	24°54	23°33	27°42	4° 9	S 8
M 9	5 24 22	21° 5'50	21°27	8°27	7°22	3° 4	25°45	3°23	12°26	10° 1	17°34	24°48	23°30	27°49	4°16	M 9
T 10	5 28 19	22° 7'04	4♓46	8°R31	8°32	3°51	25°37	3°30	12°29	10° 0	17°33	24°44	23°27	27°56	4°22	T 10
W11	5 32 15	23° 8'18	17°38	8°24	9°42	4°37	25°29	3°37	12°32	10° 0	17°32	24°D43	23°23	28° 2	4°29	W11
T 12	5 36 12	24° 9'31	0♈ 7	8° 5	10°52	5°24	25°21	3°44	12°35	10° 0	17°31	24°43	23°20	28° 9	4°36	T 12
F 13	5 40 8	25°10'44	12°17	7°34	12° 3	6°11	25°13	3°50	12°38	10° 0	17°31	24°43	23°17	28°16	4°43	F 13
S 14	5 44 5	26°11'56	24°15	6°52	13°13	6°58	25° 5	3°57	12°41	10° 0	17°30	24°R44	23°14	28°22	4°49	S 14
S 15	5 48 1	27°13'08	6♉ 5	5°59	14°24	7°45	24°56	4° 4	12°44	10° 0	17°29	24°43	23°11	28°29	4°56	S 15
M16	5 51 58	28°14'20	17°53	4°56	15°34	8°31	24°48	4°10	12°47	9°59	17°28	24°40	23° 7	28°36	5° 3	M16
T 17	5 55 55	29°15'31	29°41	3°46	16°45	9°18	24°40	4°17	12°50	9°D59	17°27	24°35	23° 4	28°42	5° 9	T 17
W18	5 59 51	0♊16'42	11♊32	2°30	17°56	10° 5	24°32	4°24	12°53	9°59	17°26	24°26	23° 1	28°49	5°16	W18
T 19	6 3 48	1°17'53	23°30	1°10	19° 7	10°52	24°24	4°30	12°55	9°59	17°25	24°15	22°58	28°56	5°22	T 19
F 20	6 7 44	2°19'03	5♋36	29♐51	20°18	11°39	24°16	4°37	12°58	10° 0	17°24	24° 3	22°55	29° 2	5°29	F 20
S 21	6 11 41	3°20'12	17°50	28°33	21°29	12°25	24° 8	4°43	13° 1	10° 0	17°23	23°49	22°52	29° 9	5°35	S 21
S 22	6 15 37	4°21'21	0♌13	27°19	22°40	13°12	24° 0	4°50	13° 3	10° 0	17°22	23°36	22°48	29°16	5°42	S 22
M23	6 19 34	5°22'30	12°47	26°12	23°52	13°59	23°53	4°56	13° 6	10° 0	17°21	23°25	22°45	29°22	5°48	M23
T 24	6 23 31	6°23'38	25°31	25°12	25° 3	14°45	23°45	5° 2	13° 9	10° 0	17°20	23°16	22°42	29°29	5°55	T 24
W25	6 27 27	7°24'46	8♍27	24°20	26°15	15°32	23°37	5° 9	13°11	10° 0	17°19	23°10	22°39	29°36	6° 1	W25
T 26	6 31 24	8°25'54	21°37	23°38	27°26	16°19	23°29	5°15	13°14	10° 1	17°18	23° 6	22°36	29°42	6° 7	T 26
F 27	6 35 20	9°27'01	5♎ 2	23° 6	28°38	17° 6	23°22	5°21	13°16	10° 1	17°17	23°D 5	22°33	29°49	6°14	F 27
S 28	6 39 17	10°28'08	18°46	22°42	29°50	17°52	23°14	5°27	13°19	10° 1	17°16	23°R 5	22°29	29°56	6°20	S 28
S 29	6 43 13	11°29'14	2♏49	22°28	1♐ 2	18°39	23° 7	5°34	13°21	10° 2	17°15	23° 5	22°26	0♊ 2	6°26	S 29
M30	6 47 10	12°30'20	17°11	22°D23	2°14	19°25	23° 0	5°40	13°23	10° 2	17°14	23° 3	22°23	0° 9	6°32	M30
T 31	6 51 6	13♉31'25	1♐50	22♐26	3♐26	20♒12	22♊53	5♐46	13♏26	10♈ 3	17♌12	22♈59	22♈20	0♊16	6♐38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s30	8s57	0n12	25s20	1s45	8s30	2n33	22s12	1s17	23n28	0s 6	19s19	1n31	15s13	0n20	2n19	1s51	27n 6	12n 5	9n58	9n21	22n20	18s 2	2n59
M 2	22 38	15 21	1s 7	25 11	1 38	8 54	2 33	22 3	1 17	23 28	0 6	19 20	1 31	15 14	0 20	2 19	1 51	27 7	12 5	9 57	9 19	22 23	18 4	2 59
T 3	22 45	20 58	2 23	25 0	1 29	9 18	2 33	21 53	1 17	23 28	0 5	19 21	1 31	15 15	0 20	2 19	1 50	27 7	12 6	9 56	9 18	22 25	18 5	2 59
W 4	22 52	25 17	3 29	24 48	1 19	9 42	2 34	21 43	1 16	23 28	0 5	19 23	1 31	15 16	0 20	2 19	1 50	27 8	12 6	9 54	9 17	22 27	18 6	3 0
T 5	22 58	27 47	4 21	24 34	1 7	10 6	2 34	21 32	1 16	23 28	0 5	19 24	1 31	15 17	0 20	2 19	1 50	27 8	12 6	9 52	9 16	22 29	18 7	3 0
F 6	23 4	28 12	4 53	24 19	0 55	10 29	2 34	21 22	1 15	23 28	0 5	19 25	1 31	15 18	0 20	2 19	1 50	27 9	12 7	9 49	9 15	22 32	18 8	3 0
S 7	23 9	26 36	5 6	24 4	0 41	10 53	2 34	21 11	1 15	23 28	0 5	19 27	1 31	15 19	0 20	2 18	1 50	27 10	12 7	9 45	9 14	22 34	18 9	3 0
S 8	23 14	23 18	4 59	23 48	0 27	11 16	2 33	21 0	1 14	23 28	0 5	19 28	1 31	15 20	0 20	2 18	1 50	27 10	12 8	9 42	9 12	22 36	18 10	3 1
M 9	23 18	18 46	4 34	23 31	0 10	11 40	2 33	20 48	1 14	23 28	0 5	19 29	1 31	15 21	0 20	2 18	1 50	27 11	12 8	9 40	9 11	22 38	18 11	3 1
T 10	23 22	13 28	3 55	23 13	0n 7	12 3	2 32	20 37	1 13	23 28	0 4	19 31	1 31	15 22	0 20	2 18	1 50	27 11	12 8	9 39	9 10	22 41	18 12	3 1
W11	23 26	7 45	3 5	22 56	0 25	12 25	2 32	20 25	1 13	23 27	0 4	19 32	1 31	15 23	0 20	2 18	1 50	27 12	12 9	9 38	9 9	22 43	18 13	3 1
T 12	23 29	1 55	2 8	22 38	0 44	12 48	2 31	20 13	1 12	23 27	0 4	19 33	1 31	15 24	0 20	2 18	1 50	27 13	12 9	9 38	9 8	22 45	18 14	3 2
F 13	23 31	3n53	1 6	22 20	1 3	13 11	2 30	20 1	1 12	23 27	0 4	19 35	1 31	15 25	0 20	2 18	1 50	27 13	12 9	9 38	9 6	22 47	18 15	3 2
S 14	23 33	9 26	0 3	22 3	1 23	13 33	2 29	19 49	1 11	23 27	0 4	19 36	1 31	15 26	0 20	2 18	1 50	27 14	12 10	9 39	9 5	22 50	18 16	3 2
S 15	23 35	14 36	1n 0	21 46	1 42	13 55	2 28	19 36	1 11	23 27	0 4	19 37	1 31	15 27	0 20	2 18	1 50	27 14	12 10	9 38	9 4	22 52	18 17	3 3
M16	23 36	19 12	2 0	21 30	2 1	14 16	2 27	19 23	1 10	23 27	0 4	19 38	1 31	15 28	0 20	2 18	1 50	27 15	12 10	9 37	9 3	22 54	18 17	3 3
T 17	23 36	23 4	2 55	21 15	2 19	14 38	2 26	19 10	1 10	23 27	0 3	19 40	1 31	15 29	0 20	2 18	1 50	27 16	12 11	9 35	9 2	22 56	18 18	3 3
W18	23 36	25 59	3 42	21 0	2 35	14 59	2 24	18 57	1 9	23 26	0 3	19 41	1 31	15 29	0 20	2 18	1 50	27 16	12 11	9 32	9 1	22 58	18 19	3 3
T 19	23 36	27 46	4 20	20 47	2 49	15 20	2 23	18 44	1 9	23 26	0 3	19 42	1 31	15 30	0 20	2 18	1 50	27 17	12 12	9 28	8 59	23 1	18 20	3 4
F 20	23 35	28 15	4 46	20 35	3 1	15 40	2 21	18 30	1 8	23 26	0 3	19 43	1 31	15 31	0 20	2 18	1 50	27 17	12 12	9 23	8 58	23 3	18 21	3 4
S 21	23 34	27 21	5 0	20 25	3 11	16 1	2 20	18 16	1 8	23 26	0 3	19 44	1 31	15 32	0 20	2 19	1 49	27 18	12 12	9 18	8 57	23 5	18 22	3 4
S 22	23 32	25 7	4 59	20 17	3 18	16 21	2 18	18 3	1 7	23 26	0 3	19 45	1 31	15 33	0 20	2 19	1 49	27 19	12 13	9 14	8 56	23 7	18 23	3 5
M23	23 30	21 38	4 45	20 11	3 23	16 40	2 16	17 48	1 6	23 25	0 2	19 47	1 31	15 34	0 20	2 19	1 49	27 19	12 13	9 9	8 55	23 9	18 23	3 5
T 24	23 27	17 6	4 16	20 6	3 25	16 59	2 15	17 34	1 6	23 25	0 2	19 48	1 31	15 34	0 20	2 19	1 49	27 20	12 13	9 6	8 53	23 12	18 24	3 5
W25	23 24	11 45	3 33	20 4	3 25	17 18	2 13	17 20	1 5	23 25	0 2	19 49	1 31	15 35	0 20	2 19	1 49	27 21	12 14	9 4	8 52	23 14	18 25	3 6
T 26	23 20	5 46	2 38	20 4	3 23	17 36	2 11	17 5	1 5	23 25	0 2	19 50	1 31	15 36	0 20	2 19	1 49	27 21	12 14	9 3	8 51	23 16	18 26	3 6
F 27	23 16	0s35	1 34	20 6	3 20	17 54	2 8	16 50	1 4	23 24	0 2	19 51	1 31	15 37	0 20	2 19	1 49	27 22	12 14	9 2	8 50	23 18	18 26	3 6
S 28	23 11	7 3	0 23	20 10	3 15	18 12	2 6	16 36	1 4	23 24	0 2	19 52	1 31	15 37	0 20	2 20	1 49	27 23	12 14	9 2	8 49	23 20	18 27	3 7
S 29	23 6	13 20	0s51	20 15	3 8	18 29	2 4	16 20	1 3	23 24	0 2	19 53	1 31	15 38	0 20	2 20	1 49	27 23	12 15	9 2	8 47	23 22	18 28	3 7
M30	23 1	19 4	2 4	20 22	3 1	18 46	2 2	16 5	1 2	23 24	0 1	19 54	1 31	15 39	0 20	2 20	1 49	27 24	12 15	9 1	8 46	23 24	18 29	3 7
T 31	22s55	23s46	3s 9	20s31	2n53	19s 2	1n59	15s50	1s 2	23n24	0s 1	19s55	1n31	15s39	0n20	2n20	1s49	27n25	12n15	9n 0	8n45	23n27	18s29	3n 8

Julian Day Number = 1984372.5, Delta T = 57m40s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'25, Lahiri = 6°02'25 Julian Calendar 1 Dec. 720 == Greg. Calendar 5 Dec. 720

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ASTRODIENST EPHEMERIS for the year 721
geocentric

JANUARY 721 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 55 3	14♑32'30	16♐42	22♐36	4♐38	20♒59	22°R46	5♐52	13♏28	10♈ 3	17°R11	22°R52	22♈17	0♊23	6♐44	W 1
T 2	6 59 0	15°33'34	1♑39	22°54	5°50	21°45	22♊39	5°58	13°30	10° 4	17♌10	22♈42	22°13	0°29	6°50	T 2
F 3	7 2 56	16°34'38	16°32	23°18	7° 2	22°32	22°32	6° 4	13°32	10° 4	17° 9	22°30	22°10	0°36	6°56	F 3
S 4	7 6 53	17°35'40	1♒12	23°47	8°14	23°18	22°25	6°10	13°35	10° 5	17° 7	22°18	22° 7	0°43	7° 2	S 4
S 5	7 10 49	18°36'41	15°31	24°23	9°26	24° 5	22°18	6°15	13°37	10° 5	17° 6	22° 6	22° 4	0°49	7° 8	S 5
M 6	7 14 46	19°37'41	29°24	25° 3	10°39	24°51	22°12	6°21	13°39	10° 6	17° 5	21°57	22° 1	0°56	7°14	M 6
T 7	7 18 42	20°38'40	12♓49	25°48	11°51	25°38	22° 6	6°27	13°41	10° 7	17° 4	21°50	21°58	1° 3	7°19	T 7
W 8	7 22 39	21°39'37	25°46	26°36	13° 3	26°24	21°59	6°33	13°43	10° 7	17° 2	21°46	21°54	1° 9	7°25	W 8
T 9	7 26 35	22°40'33	8♈19	27°29	14°16	27°11	21°53	6°38	13°45	10° 8	17° 1	21°44	21°51	1°16	7°31	T 9
F 10	7 30 32	23°41'27	20°33	28°24	15°28	27°57	21°47	6°44	13°46	10° 9	16°59	21°44	21°48	1°23	7°36	F 10
S 11	7 34 29	24°42'20	2♉33	29°23	16°41	28°43	21°42	6°49	13°48	10°10	16°58	21°44	21°45	1°29	7°42	S 11
S 12	7 38 25	25°43'12	14°24	0♑24	17°54	29°30	21°36	6°55	13°50	10°11	16°57	21°43	21°42	1°36	7°47	S 12
M13	7 42 22	26°44'02	26°11	1°28	19° 6	0♓16	21°31	7° 0	13°52	10°12	16°55	21°40	21°39	1°43	7°52	M13
T 14	7 46 18	27°44'51	8♊ 1	2°35	20°19	1° 2	21°25	7° 5	13°53	10°13	16°54	21°34	21°35	1°49	7°58	T 14
W15	7 50 15	28°45'38	19°56	3°43	21°32	1°48	21°20	7°11	13°55	10°13	16°52	21°25	21°32	1°56	8° 3	W15
T 16	7 54 11	29°46'24	2♋ 1	4°54	22°44	2°35	21°15	7°16	13°56	10°14	16°51	21°14	21°29	2° 3	8° 8	T 16
F 17	7 58 8	0♒47'08	14°16	6° 6	23°57	3°21	21°10	7°21	13°58	10°15	16°50	21° 1	21°26	2° 9	8°13	F 17
S 18	8 2 4	1°47'51	26°44	7°20	25°10	4° 7	21° 6	7°26	13°59	10°17	16°48	20°47	21°23	2°16	8°18	S 18
S 19	8 6 1	2°48'32	9♌24	8°36	26°23	4°53	21° 1	7°31	14° 1	10°18	16°47	20°33	21°19	2°23	8°23	S 19
M20	8 9 58	3°49'11	22°17	9°53	27°36	5°39	20°57	7°36	14° 2	10°19	16°45	20°21	21°16	2°29	8°28	M20
T 21	8 13 54	4°49'50	5♍21	11°12	28°48	6°25	20°53	7°41	14° 3	10°20	16°44	20°12	21°13	2°36	8°33	T 21
W22	8 17 51	5°50'26	18°36	12°32	0♑ 1	7°11	20°49	7°45	14° 5	10°21	16°42	20° 5	21°10	2°43	8°38	W22
T 23	8 21 47	6°51'02	2♎ 0	13°53	1°14	7°57	20°45	7°50	14° 6	10°22	16°41	20° 2	21° 7	2°49	8°43	T 23
F 24	8 25 44	7°51'36	15°36	15°16	2°27	8°43	20°42	7°55	14° 7	10°23	16°39	20°D 1	21° 4	2°56	8°47	F 24
S 25	8 29 40	8°52'09	29°22	16°39	3°40	9°29	20°39	7°59	14° 8	10°25	16°38	20° 1	21° 0	3° 3	8°52	S 25
S 26	8 33 37	9°52'41	13♏19	18° 4	4°53	10°15	20°35	8° 4	14° 9	10°26	16°36	20°R 1	20°57	3° 9	8°56	S 26
M27	8 37 33	10°53'11	27°28	19°30	6° 6	11° 0	20°32	8° 8	14°10	10°27	16°35	20° 0	20°54	3°16	9° 1	M27
T 28	8 41 30	11°53'40	11♐47	20°58	7°20	11°46	20°30	8°13	14°11	10°29	16°33	19°56	20°51	3°23	9° 5	T 28
W29	8 45 27	12°54'08	26°14	22°26	8°33	12°32	20°27	8°17	14°12	10°30	16°32	19°51	20°48	3°30	9° 9	W29
T 30	8 49 23	13°54'34	10♑44	23°55	9°46	13°18	20°25	8°21	14°13	10°31	16°30	19°42	20°45	3°36	9°14	T 30
F 31	8 53 20	14♒54'59	25♑11	25♑25	10♑59	14♓ 3	20♊22	8♐25	14♏14	10♈33	16♌29	19♈32	20♈41	3♊43	9♐18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s48	26s58	4s 3	20s40	2n44	19s18	1n57	15s34	1s 1	23n23	0s 1	19s56	1n31	15s40	0n20	2n21	1s49	27n25	12n16	8n57	8n44	23n29	18s30	3n 8
T 2	22 42	28 16	4 40	20 50	2 35	19 33	1 55	15 19	1 1	23 23	0 1	19 57	1 31	15 41	0 20	2 21	1 49	27 26	12 16	8 53	8 43	23 31	18 31	3 8
F 3	22 34	27 31	4 59	21 1	2 25	19 48	1 52	15 3	1 0	23 23	0 1	19 58	1 31	15 41	0 20	2 21	1 49	27 27	12 16	8 49	8 42	23 33	18 31	3 9
S 4	22 26	24 51	4 57	21 12	2 15	20 2	1 49	14 47	1 0	23 23	0 1	19 59	1 31	15 42	0 20	2 21	1 49	27 27	12 16	8 44	8 40	23 35	18 32	3 9
S 5	22 18	20 41	4 36	21 24	2 5	20 16	1 47	14 31	0 59	23 22	0 1	20 0	1 31	15 43	0 20	2 22	1 49	27 28	12 17	8 40	8 39	23 37	18 32	3 9
M 6	22 10	15 29	3 59	21 36	1 55	20 29	1 44	14 15	0 58	23 22	0 0	20 1	1 31	15 43	0 20	2 22	1 48	27 29	12 17	8 36	8 38	23 39	18 33	3 10
T 7	22 1	9 43	3 10	21 48	1 45	20 42	1 41	13 58	0 58	23 22	0 0	20 2	1 31	15 44	0 20	2 22	1 48	27 29	12 17	8 34	8 37	23 41	18 34	3 10
W 8	21 51	3 43	2 13	21 59	1 34	20 54	1 39	13 42	0 57	23 22	0 0	20 3	1 32	15 44	0 20	2 23	1 48	27 30	12 17	8 32	8 36	23 43	18 34	3 11
T 9	21 41	2n15	1 10	22 11	1 24	21 5	1 36	13 25	0 56	23 21	0n 0	20 4	1 32	15 45	0 20	2 23	1 48	27 31	12 18	8 32	8 34	23 45	18 35	3 11
F 10	21 31	7 59	0 6	22 22	1 14	21 16	1 33	13 9	0 56	23 21	0 0	20 5	1 32	15 46	0 20	2 23	1 48	27 31	12 18	8 32	8 33	23 48	18 35	3 11
S 11	21 20	13 20	0n57	22 33	1 4	21 27	1 30	12 52	0 55	23 21	0 0	20 6	1 32	15 46	0 20	2 24	1 48	27 32	12 18	8 32	8 32	23 50	18 36	3 12
S 12	21 9	18 8	1 57	22 42	0 54	21 36	1 27	12 35	0 55	23 21	0 0	20 7	1 32	15 47	0 20	2 24	1 48	27 33	12 18	8 31	8 31	23 52	18 36	3 12
M13	20 57	22 13	2 51	22 52	0 44	21 46	1 24	12 18	0 54	23 21	0 1	20 7	1 32	15 47	0 20	2 25	1 48	27 33	12 19	8 30	8 30	23 54	18 37	3 12
T 14	20 45	25 24	3 39	23 0	0 34	21 54	1 21	12 1	0 53	23 20	0 1	20 8	1 32	15 48	0 20	2 25	1 48	27 34	12 19	8 28	8 28	23 56	18 37	3 13
W15	20 33	27 29	4 17	23 8	0 25	22 2	1 18	11 44	0 53	23 20	0 1	20 9	1 32	15 48	0 20	2 25	1 48	27 34	12 19	8 25	8 27	23 58	18 37	3 13
T 16	20 20	28 19	4 44	23 15	0 16	22 10	1 15	11 26	0 52	23 20	0 1	20 10	1 32	15 49	0 20	2 26	1 48	27 35	12 19	8 20	8 26	24 0	18 38	3 14
F 17	20 7	27 46	4 58	23 21	0 7	22 16	1 12	11 9	0 51	23 20	0 1	20 11	1 32	15 49	0 20	2 26	1 48	27 36	12 19	8 15	8 25	24 2	18 38	3 14
S 18	19 54	25 50	4 58	23 26	0s 2	22 22	1 9	10 51	0 51	23 20	0 1	20 11	1 32	15 49	0 20	2 27	1 48	27 36	12 20	8 10	8 24	24 4	18 39	3 14
S 19	19 40	22 35	4 44	23 30	0 11	22 28	1 6	10 34	0 50	23 19	0 1	20 12	1 32	15 50	0 20	2 27	1 48	27 37	12 20	8 5	8 22	24 6	18 39	3 15
M20	19 26	18 12	4 15	23 33	0 19	22 33	1 2	10 16	0 50	23 19	0 2	20 13	1 32	15 50	0 20	2 28	1 48	27 38	12 20	8 0	8 21	24 8	18 39	3 15
T 21	19 11	12 55	3 33	23 35	0 27	22 37	0 59	9 59	0 49	23 19	0 2	20 14	1 32	15 51	0 20	2 28	1 48	27 38	12 20	7 57	8 20	24 10	18 40	3 16
W22	18 57	6 58	2 38	23 35	0 35	22 40	0 56	9 41	0 48	23 19	0 2	20 14	1 32	15 51	0 20	2 29	1 48	27 39	12 20	7 54	8 19	24 12	18 40	3 16
T 23	18 41	0 38	1 34	23 35	0 42	22 43	0 53	9 23	0 48	23 19	0 2	20 15	1 32	15 51	0 20	2 29	1 48	27 40	12 20	7 53	8 18	24 14	18 40	3 17
F 24	18 26	5s49	0 23	23 33	0 50	22 45	0 50	9 5	0 47	23 19	0 2	20 16	1 32	15 52	0 21	2 30	1 47	27 40	12 20	7 53	8 16	24 16	18 41	3 17
S 25	18 10	12 6	0s49	23 30	0 57	22 47	0 46	8 47	0 46	23 19	0 2	20 16	1 32	15 52	0 21	2 30	1 47	27 41	12 21	7 53	8 15	24 18	18 41	3 17
S 26	17 54	17 52	2 0	23 25	1 3	22 48	0 43	8 29	0 46	23 19	0 2	20 17	1 33	15 52	0 21	2 31	1 47	27 41	12 21	7 53	8 14	24 20	18 41	3 18
M27	17 37	22 44	3 5	23 20	1 10	22 48	0 40	8 11	0 45	23 18	0 2	20 18	1 33	15 53	0 21	2 31	1 47	27 42	12 21	7 52	8 13	24 22	18 41	3 18
T 28	17 21	26 18	3 59	23 13	1 16	22 47	0 37	7 53	0 44	23 18	0 3	20 18	1 33	15 53	0 21	2 32	1 47	27 43	12 21	7 51	8 12	24 24	18 42	3 19
W29	17 3	28 11	4 38	23 4	1 22	22 46	0 34	7 34	0 44	23 18	0 3	20 19	1 33	15 53	0 21	2 33	1 47	27 43	12 21	7 49	8 10	24 26	18 42	3 19
T 30	16 46	28 8	4 59	22 54	1 27	22 44	0 30	7 16	0 43	23 18	0 3	20 19	1 33	15 53	0 21	2 33	1 47	27 44	12 21	7 46	8 9	24 28	18 42	3 20
F 31	16s28	26s11	5s 1	22s43	1s32	22s42	0n27	6s58	0s42	23n18	0n 3	20s20	1n33	15s54	0n21	2n34	1s47	27n44	12n21	7n42	8n 8	24n30	18s42	3n20

Julian Day Number = 1984403.5, Delta T = 57m39s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'29, Lahiri = 6°02'29 Julian Calendar 1 Jan. 721 == Greg. Calendar 5 Jan. 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

FEBRUARY 721 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 57 16	15♒55'21	9♒30	26♑57	12♑12	14♓49	20°R20	8♐29	14♏14	10♈34	16°R27	19°R21	20♈38	3♊50	9♐22	S 1
S 2	9 1 13	16°55'43	23°32	28°29	13°25	15°35	20♊19	8°33	14°15	10°36	16♌25	19♈11	20°35	3°56	9°26	S 2
M 3	9 5 9	17°56'02	7♓15	0♒ 3	14°39	16°20	20°17	8°37	14°16	10°37	16°24	19° 3	20°32	4° 3	9°30	M 3
T 4	9 9 6	18°56'19	20°35	1°37	15°52	17° 6	20°16	8°41	14°16	10°39	16°22	18°57	20°29	4°10	9°33	T 4
W 5	9 13 2	19°56'34	3♈31	3°13	17° 5	17°51	20°14	8°45	14°17	10°40	16°21	18°53	20°25	4°16	9°37	W 5
T 6	9 16 59	20°56'47	16° 6	4°49	18°18	18°37	20°13	8°48	14°17	10°42	16°19	18°D52	20°22	4°23	9°41	T 6
F 7	9 20 56	21°56'59	28°23	6°27	19°32	19°22	20°13	8°52	14°17	10°44	16°18	18°52	20°19	4°30	9°44	F 7
S 8	9 24 52	22°57'08	10♉25	8° 5	20°45	20° 7	20°12	8°55	14°18	10°45	16°16	18°53	20°16	4°36	9°48	S 8
S 9	9 28 49	23°57'14	22°18	9°45	21°58	20°53	20°11	8°59	14°18	10°47	16°15	18°R54	20°13	4°43	9°51	S 9
M10	9 32 45	24°57'19	4♊ 8	11°25	23°12	21°38	20°11	9° 2	14°18	10°49	16°13	18°53	20°10	4°50	9°54	M10
T 11	9 36 42	25°57'22	15°59	13° 7	24°25	22°23	20°D11	9° 5	14°18	10°50	16°12	18°51	20° 6	4°56	9°58	T 11
W12	9 40 38	26°57'22	27°57	14°50	25°38	23° 8	20°11	9° 8	14°19	10°52	16°10	18°46	20° 3	5° 3	10° 1	W12
T 13	9 44 35	27°57'20	10♋ 6	16°34	26°52	23°54	20°12	9°11	14°19	10°54	16° 9	18°40	20° 0	5°10	10° 4	T 13
F 14	9 48 31	28°57'16	22°28	18°19	28° 5	24°39	20°12	9°14	14°R19	10°56	16° 7	18°31	19°57	5°16	10° 7	F 14
S 15	9 52 28	29°57'10	5♌ 7	20° 5	29°18	25°24	20°13	9°17	14°19	10°57	16° 6	18°23	19°54	5°23	10°10	S 15
S 16	9 56 25	0♓57'02	18° 2	21°53	0♒32	26° 9	20°14	9°20	14°18	10°59	16° 4	18°14	19°50	5°30	10°13	S 16
M17	10 0 21	1°56'51	1♍14	23°41	1°45	26°54	20°15	9°22	14°18	11° 1	16° 3	18° 6	19°47	5°37	10°15	M17
T 18	10 4 18	2°56'39	14°41	25°31	2°58	27°39	20°17	9°25	14°18	11° 3	16° 1	18° 0	19°44	5°43	10°18	T 18
W19	10 8 14	3°56'24	28°20	27°22	4°12	28°23	20°18	9°27	14°18	11° 5	16° 0	17°56	19°41	5°50	10°20	W19
T 20	10 12 11	4°56'08	12♎10	29°14	5°25	29° 8	20°20	9°30	14°18	11° 7	15°59	17°D54	19°38	5°57	10°23	T 20
F 21	10 16 7	5°55'49	26° 8	1♓ 7	6°39	29°53	20°22	9°32	14°17	11° 9	15°57	17°55	19°35	6° 3	10°25	F 21
S 22	10 20 4	6°55'29	10♏11	3° 1	7°52	0♈38	20°24	9°34	14°17	11°11	15°56	17°56	19°31	6°10	10°28	S 22
S 23	10 24 0	7°55'07	24°17	4°56	9° 5	1°22	20°26	9°36	14°16	11°12	15°54	17°57	19°28	6°17	10°30	S 23
M24	10 27 57	8°54'44	8♐27	6°53	10°19	2° 7	20°29	9°38	14°16	11°14	15°53	17°R58	19°25	6°23	10°32	M24
T 25	10 31 54	9°54'18	22°37	8°51	11°32	2°52	20°31	9°40	14°15	11°16	15°52	17°57	19°22	6°30	10°34	T 25
W26	10 35 50	10°53'51	6♑45	10°49	12°46	3°36	20°34	9°42	14°15	11°18	15°50	17°55	19°19	6°37	10°36	W26
T 27	10 39 47	11°53'23	20°51	12°49	13°59	4°21	20°37	9°44	14°14	11°20	15°49	17°51	19°16	6°43	10°37	T 27
F 28	10 43 43	12♓52'52	4♒50	14♓49	15♒13	5♈ 5	20♊40	9♐45	14♏13	11♈22	15♌47	17♈46	19♈12	6♊50	10♐39	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s11	22s34	4s44	22s30	1s37	22s39	0n24	6s40	0s42	23n18	0n 3	20s21	1n33	15s54	0n21	2n34	1s47	27n45	12n21	7n38	8n 7	24n31	18s42	3n21
S 2	15 52	17 42	4 11	22 16	1 42	22 35	0 21	6 21	0 41	23 18	0 3	20 21	1 33	15 54	0 21	2 35	1 47	27 45	12 21	7 34	8 6	24 33	18 42	3 21
M 3	15 34	12 3	3 23	22 1	1 46	22 30	0 18	6 3	0 40	23 18	0 3	20 22	1 33	15 54	0 21	2 36	1 47	27 46	12 21	7 30	8 4	24 35	18 42	3 22
T 4	15 15	5 59	2 25	21 44	1 50	22 25	0 15	5 44	0 40	23 18	0 3	20 22	1 33	15 54	0 21	2 36	1 47	27 47	12 21	7 28	8 3	24 37	18 43	3 22
W 5	14 56	0n10	1 21	21 25	1 54	22 19	0 11	5 26	0 39	23 18	0 4	20 23	1 33	15 54	0 21	2 37	1 47	27 47	12 22	7 27	8 2	24 39	18 43	3 23
T 6	14 37	6 9	0 15	21 5	1 57	22 12	0 8	5 7	0 38	23 18	0 4	20 23	1 33	15 55	0 21	2 38	1 47	27 48	12 22	7 26	8 1	24 41	18 43	3 23
F 7	14 17	11 46	0n51	20 43	1 59	22 5	0 5	4 49	0 38	23 18	0 4	20 24	1 34	15 55	0 21	2 38	1 47	27 48	12 22	7 26	8 0	24 43	18 43	3 23
S 8	13 58	16 50	1 53	20 20	2 2	21 57	0 2	4 30	0 37	23 18	0 4	20 24	1 34	15 55	0 21	2 39	1 47	27 49	12 22	7 27	7 58	24 45	18 43	3 24
S 9	13 38	21 12	2 49	19 55	2 4	21 49	0s 1	4 12	0 36	23 19	0 4	20 24	1 34	15 55	0 21	2 40	1 47	27 49	12 22	7 27	7 57	24 47	18 43	3 24
M10	13 18	24 42	3 38	19 29	2 5	21 40	0 4	3 53	0 36	23 19	0 4	20 25	1 34	15 55	0 21	2 40	1 47	27 50	12 22	7 27	7 56	24 49	18 43	3 25
T 11	12 57	27 8	4 18	19 1	2 7	21 30	0 7	3 35	0 35	23 19	0 4	20 25	1 34	15 55	0 21	2 41	1 47	27 50	12 22	7 26	7 55	24 50	18 43	3 25
W12	12 37	28 22	4 47	18 32	2 7	21 20	0 10	3 16	0 34	23 19	0 4	20 26	1 34	15 55	0 21	2 42	1 47	27 51	12 22	7 24	7 54	24 52	18 43	3 26
T 13	12 16	28 16	5 3	18 1	2 8	21 8	0 13	2 57	0 34	23 19	0 5	20 26	1 34	15 55	0 21	2 43	1 47	27 51	12 22	7 22	7 52	24 54	18 43	3 26
F 14	11 55	26 45	5 6	17 28	2 8	20 57	0 16	2 39	0 33	23 19	0 5	20 26	1 34	15 55	0 21	2 43	1 47	27 52	12 22	7 19	7 51	24 56	18 43	3 27
S 15	11 34	23 52	4 54	16 54	2 7	20 45	0 19	2 20	0 32	23 19	0 5	20 27	1 34	15 55	0 21	2 44	1 46	27 52	12 22	7 15	7 50	24 58	18 43	3 27
S 16	11 13	19 45	4 27	16 18	2 6	20 32	0 21	2 1	0 32	23 20	0 5	20 27	1 34	15 55	0 21	2 45	1 46	27 53	12 22	7 12	7 49	25 0	18 42	3 28
M17	10 51	14 36	3 45	15 41	2 4	20 18	0 24	1 43	0 31	23 20	0 5	20 27	1 34	15 55	0 21	2 46	1 46	27 53	12 22	7 9	7 48	25 1	18 42	3 28
T 18	10 30	8 41	2 50	15 2	2 2	20 4	0 27	1 24	0 30	23 20	0 5	20 28	1 34	15 55	0 21	2 46	1 46	27 53	12 22	7 6	7 46	25 3	18 42	3 29
W19	10 8	2 15	1 44	14 21	2 0	19 49	0 30	1 6	0 30	23 20	0 5	20 28	1 35	15 55	0 21	2 47	1 46	27 54	12 22	7 5	7 45	25 5	18 42	3 29
T 20	9 46	4s22	0 31	13 39	1 57	19 34	0 32	0 47	0 29	23 20	0 5	20 28	1 35	15 55	0 21	2 48	1 46	27 54	12 22	7 4	7 44	25 7	18 42	3 30
F 21	9 24	10 51	0s44	12 55	1 53	19 18	0 35	0 29	0 28	23 21	0 5	20 28	1 35	15 54	0 21	2 49	1 46	27 55	12 22	7 4	7 43	25 9	18 42	3 30
S 22	9 2	16 50	1 58	12 10	1 49	19 2	0 38	0 10	0 28	23 21	0 6	20 29	1 35	15 54	0 21	2 49	1 46	27 55	12 21	7 5	7 41	25 11	18 42	3 31
S 23	8 40	21 57	3 4	11 23	1 45	18 45	0 40	0n 8	0 27	23 21	0 6	20 29	1 35	15 54	0 21	2 50	1 46	27 55	12 21	7 5	7 40	25 12	18 41	3 31
M24	8 17	25 49	4 0	10 35	1 39	18 28	0 43	0 27	0 26	23 22	0 6	20 29	1 35	15 54	0 21	2 51	1 46	27 56	12 21	7 6	7 39	25 14	18 41	3 32
T 25	7 55	28 5	4 41	9 45	1 34	18 10	0 45	0 45	0 25	23 22	0 6	20 29	1 35	15 54	0 21	2 52	1 46	27 56	12 21	7 5	7 38	25 16	18 41	3 32
W26	7 32	28 30	5 5	8 54	1 27	17 51	0 47	1 4	0 25	23 22	0 6	20 29	1 35	15 54	0 21	2 53	1 46	27 57	12 21	7 4	7 37	25 18	18 41	3 33
T 27	7 9	27 5	5 10	8 2	1 21	17 32	0 50	1 22	0 24	23 22	0 6	20 30	1 35	15 53	0 21	2 53	1 46	27 57	12 21	7 3	7 35	25 19	18 40	3 34
F 28	6s46	23s59	4s57	7s 9	1s13	17s13	0s52	1n41	0s23	23n23	0n 6	20s30	1n35	15s53	0n21	2n54	1s46	27n57	12n21	7n 1	7n34	25n21	18s40	3n34

Julian Day Number = 1984434.5, Delta T = 57m38s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'33, Lahiri = 6°02'33 Julian Calendar 1 Feb. 721 == Greg. Calendar 5 Feb. 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

MARCH 721 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 47 40	13♓52'19	18♒39	16♓50	16♒26	5♈50	20♊44	9♐47	14°R12	11♈25	15°R46	17°R40	19♈ 9	6♊57	10♐41	S 1
S 2	10 51 36	14°51'44	2♓16	18°51	17°40	6°34	20°47	9°48	14♏12	11°27	15♌45	17♈35	19° 6	7° 3	10°42	S 2
M 3	10 55 33	15°51'07	15°37	20°53	18°53	7°18	20°51	9°50	14°11	11°29	15°44	17°30	19° 3	7°10	10°44	M 3
T 4	10 59 29	16°50'28	28°40	22°55	20° 7	8° 3	20°55	9°51	14°10	11°31	15°42	17°27	19° 0	7°17	10°45	T 4
W 5	11 3 26	17°49'47	11♈26	24°57	21°20	8°47	20°59	9°52	14° 9	11°33	15°41	17°D26	18°56	7°24	10°46	W 5
T 6	11 7 23	18°49'04	23°56	26°59	22°34	9°31	21° 3	9°53	14° 8	11°35	15°40	17°26	18°53	7°30	10°47	T 6
F 7	11 11 19	19°48'18	6♉10	29° 0	23°47	10°15	21° 8	9°54	14° 7	11°37	15°39	17°27	18°50	7°37	10°48	F 7
S 8	11 15 16	20°47'30	18°12	1♈ 0	25° 1	10°59	21°13	9°55	14° 6	11°39	15°37	17°29	18°47	7°44	10°49	S 8
S 9	11 19 12	21°46'40	0♊ 7	2°59	26°14	11°43	21°17	9°56	14° 4	11°41	15°36	17°30	18°44	7°50	10°50	S 9
M10	11 23 9	22°45'48	11°58	4°56	27°28	12°27	21°22	9°56	14° 3	11°43	15°35	17°32	18°41	7°57	10°51	M10
T 11	11 27 5	23°44'53	23°50	6°51	28°41	13°11	21°27	9°57	14° 2	11°46	15°34	17°R32	18°37	8° 4	10°52	T 11
W12	11 31 2	24°43'56	5♋48	8°44	29°55	13°55	21°33	9°57	14° 1	11°48	15°33	17°32	18°34	8°10	10°52	W12
T 13	11 34 58	25°42'56	17°58	10°34	1♓ 8	14°39	21°38	9°58	13°59	11°50	15°32	17°30	18°31	8°17	10°53	T 13
F 14	11 38 55	26°41'54	0♌22	12°20	2°21	15°23	21°44	9°58	13°58	11°52	15°31	17°28	18°28	8°24	10°53	F 14
S 15	11 42 52	27°40'50	13° 5	14° 3	3°35	16° 6	21°49	9°58	13°57	11°54	15°29	17°25	18°25	8°30	10°53	S 15
S 16	11 46 48	28°39'43	26° 8	15°42	4°48	16°50	21°55	9°R58	13°55	11°57	15°28	17°22	18°22	8°37	10°54	S 16
M17	11 50 45	29°38'34	9♍33	17°17	6° 2	17°34	22° 1	9°58	13°54	11°59	15°27	17°20	18°18	8°44	10°54	M17
T 18	11 54 41	0♈37'23	23°18	18°47	7°15	18°17	22° 8	9°58	13°52	12° 1	15°26	17°18	18°15	8°51	10°R54	T 18
W19	11 58 38	1°36'10	7♎20	20°13	8°29	19° 1	22°14	9°58	13°50	12° 3	15°25	17°17	18°12	8°57	10°54	W19
T 20	12 2 34	2°34'55	21°37	21°34	9°42	19°44	22°21	9°57	13°49	12° 6	15°24	17°D17	18° 9	9° 4	10°53	T 20
F 21	12 6 31	3°33'38	6♏ 2	22°49	10°56	20°28	22°27	9°57	13°47	12° 8	15°24	17°17	18° 6	9°11	10°53	F 21
S 22	12 10 27	4°32'19	20°31	23°59	12° 9	21°11	22°34	9°56	13°45	12°10	15°23	17°18	18° 2	9°17	10°53	S 22
S 23	12 14 24	5°30'58	4♐59	25° 4	13°23	21°54	22°41	9°56	13°44	12°12	15°22	17°19	17°59	9°24	10°52	S 23
M24	12 18 20	6°29'36	19°22	26° 3	14°36	22°38	22°48	9°55	13°42	12°15	15°21	17°20	17°56	9°31	10°52	M24
T 25	12 22 17	7°28'12	3♑36	26°56	15°50	23°21	22°55	9°54	13°40	12°17	15°20	17°R20	17°53	9°37	10°51	T 25
W26	12 26 14	8°26'47	17°39	27°44	17° 3	24° 4	23° 3	9°53	13°38	12°19	15°19	17°20	17°50	9°44	10°50	W26
T 27	12 30 10	9°25'19	1♒30	28°25	18°17	24°47	23°10	9°52	13°36	12°21	15°18	17°20	17°47	9°51	10°50	T 27
F 28	12 34 7	10°23'50	15° 8	29° 1	19°30	25°30	23°18	9°51	13°34	12°24	15°18	17°19	17°43	9°57	10°49	F 28
S 29	12 38 3	11°22'19	28°32	29°31	20°44	26°13	23°26	9°50	13°32	12°26	15°17	17°18	17°40	10° 4	10°48	S 29
S 30	12 42 0	12°20'47	11♓43	29°54	21°57	26°56	23°33	9°49	13°30	12°28	15°16	17°17	17°37	10°11	10°47	S 30
M31	12 45 56	13♈19'12	24♓39	0♉12	23♓11	27♈39	23♊41	9♐47	13♏28	12♈30	15♌16	17♈17	17♈34	10♊18	10♐45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s23	19s34	4s27	6s14	1s 5	16s53	0s54	1n59	0s23	23n23	0n 6	20s30	1n36	15s53	0n21	2n55	1s46	27n58	12n21	6n59	7n33	25n23	18s40	3n35
S 2	6 0	14 11	3 42	5 18	0 57	16 32	0 56	2 17	0 22	23 23	0 6	20 30	1 36	15 53	0 21	2 56	1 46	27 58	12 21	6 57	7 32	25 25	18 40	3 35
M 3	5 37	8 15	2 45	4 22	0 48	16 12	0 58	2 35	0 21	23 24	0 7	20 30	1 36	15 52	0 21	2 57	1 46	27 58	12 21	6 55	7 31	25 26	18 39	3 36
T 4	5 14	2 4	1 41	3 24	0 38	15 50	1 0	2 54	0 21	23 24	0 7	20 30	1 36	15 52	0 21	2 58	1 46	27 58	12 21	6 54	7 29	25 28	18 39	3 36
W 5	4 51	4n 3	0 33	2 27	0 28	15 28	1 2	3 12	0 20	23 25	0 7	20 30	1 36	15 52	0 21	2 58	1 46	27 59	12 20	6 53	7 28	25 30	18 39	3 37
T 6	4 27	9 54	0n36	1 28	0 17	15 6	1 4	3 30	0 19	23 25	0 7	20 30	1 36	15 52	0 21	2 59	1 46	27 59	12 20	6 53	7 27	25 32	18 38	3 37
F 7	4 4	15 15	1 41	0 30	0 7	14 44	1 6	3 48	0 19	23 25	0 7	20 30	1 36	15 51	0 21	3 0	1 46	27 59	12 20	6 54	7 26	25 33	18 38	3 38
S 8	3 40	19 57	2 41	0n28	0n 5	14 21	1 8	4 6	0 18	23 26	0 7	20 30	1 36	15 51	0 21	3 1	1 46	27 59	12 20	6 54	7 24	25 35	18 37	3 38
S 9	3 17	23 47	3 33	1 26	0 16	13 57	1 10	4 24	0 17	23 26	0 7	20 30	1 36	15 51	0 21	3 2	1 46	28 0	12 20	6 55	7 23	25 37	18 37	3 39
M10	2 53	26 37	4 16	2 24	0 28	13 33	1 12	4 42	0 17	23 27	0 7	20 30	1 36	15 50	0 21	3 3	1 46	28 0	12 20	6 56	7 22	25 38	18 37	3 39
T 11	2 30	28 16	4 48	3 21	0 40	13 9	1 13	5 0	0 16	23 27	0 7	20 30	1 37	15 50	0 21	3 4	1 46	28 0	12 20	6 56	7 21	25 40	18 36	3 40
W12	2 6	28 37	5 8	4 16	0 52	12 45	1 15	5 17	0 15	23 28	0 7	20 30	1 37	15 49	0 21	3 4	1 46	28 0	12 19	6 56	7 20	25 42	18 36	3 40
T 13	1 43	27 35	5 15	5 11	1 3	12 20	1 16	5 35	0 15	23 28	0 8	20 30	1 37	15 49	0 21	3 5	1 46	28 1	12 19	6 55	7 18	25 43	18 35	3 41
F 14	1 19	25 12	5 7	6 4	1 15	11 55	1 18	5 53	0 14	23 28	0 8	20 30	1 37	15 49	0 21	3 6	1 46	28 1	12 19	6 54	7 17	25 45	18 35	3 41
S 15	0 56	21 32	4 44	6 55	1 27	11 29	1 19	6 10	0 13	23 29	0 8	20 30	1 37	15 48	0 21	3 7	1 46	28 1	12 19	6 53	7 16	25 47	18 34	3 42
S 16	0 32	16 44	4 6	7 44	1 38	11 4	1 20	6 28	0 13	23 29	0 8	20 30	1 37	15 48	0 21	3 8	1 46	28 1	12 19	6 52	7 15	25 48	18 34	3 42
M17	0 9	11 2	3 13	8 30	1 49	10 37	1 22	6 45	0 12	23 30	0 8	20 30	1 37	15 47	0 21	3 9	1 46	28 1	12 19	6 51	7 14	25 50	18 33	3 43
T 18	0n15	4 39	2 9	9 15	1 59	10 11	1 23	7 3	0 11	23 30	0 8	20 30	1 37	15 47	0 21	3 10	1 46	28 1	12 18	6 50	7 12	25 52	18 33	3 44
W19	0 39	2s 6	0 55	9 57	2 9	9 44	1 24	7 20	0 11	23 31	0 8	20 30	1 37	15 46	0 21	3 11	1 46	28 1	12 18	6 50	7 11	25 53	18 32	3 44
T 20	1 2	8 51	0s24	10 36	2 18	9 18	1 25	7 37	0 10	23 31	0 8	20 30	1 37	15 46	0 21	3 11	1 46	28 2	12 18	6 50	7 10	25 55	18 32	3 45
F 21	1 26	15 14	1 42	11 12	2 27	8 50	1 26	7 54	0 9	23 32	0 8	20 29	1 37	15 45	0 21	3 12	1 46	28 2	12 18	6 50	7 9	25 56	18 31	3 45
S 22	1 49	20 48	2 54	11 46	2 35	8 23	1 27	8 11	0 9	23 32	0 8	20 29	1 38	15 45	0 21	3 13	1 46	28 2	12 18	6 50	7 7	25 58	18 31	3 46
S 23	2 12	25 7	3 54	12 16	2 42	7 55	1 28	8 28	0 8	23 33	0 8	20 29	1 38	15 44	0 21	3 14	1 46	28 2	12 17	6 51	7 6	26 0	18 30	3 46
M24	2 36	27 50	4 40	12 44	2 48	7 27	1 28	8 45	0 7	23 33	0 9	20 29	1 38	15 44	0 21	3 15	1 46	28 2	12 17	6 51	7 5	26 1	18 29	3 47
T 25	2 59	28 41	5 8	13 8	2 53	6 59	1 29	9 2	0 7	23 34	0 9	20 29	1 38	15 43	0 21	3 16	1 46	28 2	12 17	6 51	7 4	26 3	18 29	3 47
W26	3 22	27 40	5 17	13 30	2 57	6 31	1 30	9 18	0 6	23 34	0 9	20 29	1 38	15 43	0 21	3 17	1 46	28 2	12 17	6 51	7 3	26 4	18 28	3 48
T 27	3 46	24 57	5 7	13 48	3 0	6 3	1 30	9 35	0 6	23 35	0 9	20 28	1 38	15 42	0 21	3 18	1 46	28 2	12 16	6 51	7 1	26 6	18 28	3 48
F 28	4 9	20 52	4 40	14 2	3 2	5 34	1 31	9 51	0 5	23 35	0 9	20 28	1 38	15 41	0 21	3 19	1 46	28 2	12 16	6 51	7 0	26 7	18 27	3 49
S 29	4 32	15 47	3 58	14 14	3 3	5 5	1 31	10 8	0 4	23 36	0 9	20 28	1 38	15 41	0 21	3 19	1 46	28 2	12 16	6 50	6 59	26 9	18 26	3 49
S 30	4 55	10 4	3 5	14 22	3 3	4 37	1 31	10 24	0 4	23 36	0 9	20 28	1 38	15 40	0 21	3 20	1 46	28 2	12 16	6 50	6 58	26 11	18 26	3 50
M31	5n18	4s 0	2s 2	14n26	3n 1	4s 8	1s32	10n40	0s 3	23n36	0n 9	20s27	1n38	15s40	0n21	3n21	1s46	28n 2	12n15	6n50	6n56	26n12	18s25	3n50

Julian Day Number = 1984462.5, Delta T = 57m38s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'37, Lahiri = 6°02'37 Julian Calendar 1 March 721 == Greg. Calendar 5 March 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

APRIL 721 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 49 53	14♈17'36	7♈22	0♉24	24♓24	28♈22	23♊50	9°R46	13°R26	12♈33	15°R15	17°R17	17♈31	10♊24	10°R44	T 1
W 2	12 53 49	15°15'58	19°52	0°30	25°38	29° 5	23°58	9♐44	13♏24	12°35	15♌14	17°D17	17°27	10°31	10♐43	W 2
T 3	12 57 46	16°14'18	2♉10	0°R30	26°51	29°48	24° 6	9°42	13°22	12°37	15°14	17♈17	17°24	10°38	10°41	T 3
F 4	13 1 43	17°12'36	14°17	0°25	28° 5	0♉31	24°15	9°41	13°20	12°39	15°13	17°R17	17°21	10°44	10°40	F 4
S 5	13 5 39	18°10'52	26°16	0°14	29°18	1°13	24°23	9°39	13°18	12°42	15°13	17°17	17°18	10°51	10°38	S 5
S 6	13 9 36	19° 9'06	8♊ 9	29♈59	0♈32	1°56	24°32	9°37	13°16	12°44	15°12	17°17	17°15	10°58	10°36	S 6
M 7	13 13 32	20° 7'18	20° 0	29°39	1°45	2°39	24°41	9°35	13°14	12°46	15°12	17°16	17°12	11° 4	10°35	M 7
T 8	13 17 29	21° 5'29	1♋52	29°15	2°59	3°21	24°50	9°33	13°11	12°48	15°11	17°16	17° 8	11°11	10°33	T 8
W 9	13 21 25	22° 3'37	13°50	28°47	4°12	4° 4	24°59	9°31	13° 9	12°51	15°11	17°16	17° 5	11°18	10°31	W 9
T 10	13 25 22	23° 1'43	25°58	28°16	5°26	4°46	25° 8	9°28	13° 7	12°53	15°10	17°D16	17° 2	11°24	10°29	T 10
F 11	13 29 18	23°59'47	8♌20	27°42	6°39	5°29	25°18	9°26	13° 4	12°55	15°10	17°16	16°59	11°31	10°27	F 11
S 12	13 33 15	24°57'49	21° 1	27° 7	7°53	6°11	25°27	9°23	13° 2	12°57	15°10	17°16	16°56	11°38	10°24	S 12
S 13	13 37 12	25°55'49	4♍ 4	26°30	9° 6	6°53	25°37	9°21	13° 0	13° 0	15° 9	17°17	16°53	11°45	10°22	S 13
M14	13 41 8	26°53'48	17°32	25°53	10°20	7°35	25°46	9°18	12°57	13° 2	15° 9	17°18	16°49	11°51	10°20	M14
T 15	13 45 5	27°51'44	1♎25	25°15	11°33	8°18	25°56	9°16	12°55	13° 4	15° 9	17°19	16°46	11°58	10°17	T 15
W16	13 49 1	28°49'38	15°41	24°38	12°47	9° 0	26° 6	9°13	12°53	13° 6	15° 9	17°R19	16°43	12° 5	10°15	W16
T 17	13 52 58	29°47'31	0♏17	24° 3	14° 0	9°42	26°16	9°10	12°50	13° 8	15° 8	17°19	16°40	12°11	10°12	T 17
F 18	13 56 54	0♉45'23	15° 7	23°30	15°13	10°24	26°26	9° 7	12°48	13°11	15° 8	17°18	16°37	12°18	10°10	F 18
S 19	14 0 51	1°43'13	0♐ 2	22°59	16°27	11° 6	26°36	9° 4	12°45	13°13	15° 8	17°16	16°33	12°25	10° 7	S 19
S 20	14 4 47	2°41'01	14°55	22°30	17°40	11°48	26°46	9° 1	12°43	13°15	15° 8	17°15	16°30	12°31	10° 4	S 20
M21	14 8 44	3°38'49	29°39	22° 6	18°54	12°30	26°57	8°58	12°41	13°17	15° 8	17°13	16°27	12°38	10° 1	M21
T 22	14 12 41	4°36'35	14♑ 7	21°45	20° 7	13°12	27° 7	8°55	12°38	13°19	15° 8	17°11	16°24	12°45	9°58	T 22
W23	14 16 37	5°34'20	28°16	21°28	21°21	13°54	27°17	8°52	12°36	13°21	15°D 8	17°10	16°21	12°52	9°55	W23
T 24	14 20 34	6°32'04	12♒ 4	21°15	22°34	14°35	27°28	8°48	12°33	13°23	15° 8	17°D10	16°18	12°58	9°52	T 24
F 25	14 24 30	7°29'46	25°32	21° 6	23°48	15°17	27°39	8°45	12°31	13°26	15° 8	17°11	16°14	13° 5	9°49	F 25
S 26	14 28 27	8°27'28	8♓40	21°D 2	25° 1	15°59	27°49	8°41	12°28	13°28	15° 8	17°12	16°11	13°12	9°46	S 26
S 27	14 32 23	9°25'08	21°32	21° 3	26°15	16°41	28° 0	8°38	12°26	13°30	15° 8	17°14	16° 8	13°18	9°43	S 27
M28	14 36 20	10°22'47	4♈ 8	21° 8	27°28	17°22	28°11	8°34	12°23	13°32	15° 8	17°15	16° 5	13°25	9°40	M28
T 29	14 40 16	11°20'25	16°33	21°18	28°42	18° 4	28°22	8°31	12°21	13°34	15° 8	17°R16	16° 2	13°32	9°36	T 29
W30	14 44 13	12♉18'02	28♈47	21♈32	29♈55	18♉45	28♊33	8♐27	12♏18	13♈36	15♌ 8	17♈15	15♈59	13♊38	9♐33	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n40	2n 6	0s55	14n28	2n58	3s38	1s32	10n56	0s 2	23n37	0n 9	20s27	1n38	15s39	0n21	3n22	1s46	28n 2	12n15	6n50	6n55	26n14	18s24	3n51
W 2	6 3	8 2	0n14	14 26	2 54	3 9	1 32	11 12	0 2	23 37	0 9	20 27	1 38	15 38	0 21	3 23	1 46	28 2	12 15	6 50	6 54	26 15	18 24	3 51
T 3	6 26	13 35	1 22	14 21	2 48	2 40	1 32	11 28	0 1	23 38	0 9	20 26	1 38	15 38	0 21	3 24	1 46	28 2	12 15	6 50	6 53	26 17	18 23	3 52
F 4	6 48	18 32	2 24	14 13	2 41	2 10	1 32	11 44	0 0	23 38	0 9	20 26	1 39	15 37	0 21	3 25	1 46	28 2	12 14	6 50	6 52	26 18	18 22	3 52
S 5	7 11	22 41	3 20	14 1	2 33	1 41	1 32	11 59	0n 0	23 39	0 10	20 26	1 39	15 36	0 21	3 26	1 46	28 2	12 14	6 50	6 50	26 20	18 21	3 53
S 6	7 33	25 52	4 6	13 47	2 24	1 11	1 32	12 15	0 1	23 39	0 10	20 25	1 39	15 36	0 21	3 26	1 46	28 2	12 14	6 50	6 49	26 21	18 21	3 53
M 7	7 55	27 55	4 42	13 30	2 13	0 42	1 32	12 30	0 2	23 40	0 10	20 25	1 39	15 35	0 21	3 27	1 46	28 2	12 14	6 50	6 48	26 23	18 20	3 54
T 8	8 17	28 41	5 6	13 10	2 1	0 12	1 31	12 45	0 2	23 40	0 10	20 25	1 39	15 34	0 21	3 28	1 46	28 2	12 13	6 50	6 47	26 24	18 19	3 54
W 9	8 39	28 8	5 16	12 48	1 48	0n18	1 31	13 0	0 3	23 41	0 10	20 24	1 39	15 34	0 21	3 29	1 46	28 1	12 13	6 49	6 45	26 26	18 19	3 55
T 10	9 1	26 14	5 13	12 23	1 34	0 47	1 31	13 15	0 3	23 41	0 10	20 24	1 39	15 33	0 21	3 30	1 46	28 1	12 13	6 49	6 44	26 27	18 18	3 55
F 11	9 22	23 4	4 56	11 57	1 19	1 17	1 30	13 30	0 4	23 41	0 10	20 23	1 39	15 32	0 21	3 31	1 46	28 1	12 13	6 50	6 43	26 29	18 17	3 56
S 12	9 44	18 45	4 24	11 30	1 3	1 47	1 30	13 45	0 5	23 42	0 10	20 23	1 39	15 32	0 21	3 32	1 46	28 1	12 12	6 50	6 42	26 30	18 16	3 56
S 13	10 5	13 27	3 37	11 1	0 47	2 16	1 29	14 0	0 5	23 42	0 10	20 22	1 39	15 31	0 21	3 33	1 46	28 1	12 12	6 50	6 41	26 31	18 15	3 57
M14	10 26	7 22	2 38	10 32	0 30	2 46	1 28	14 14	0 6	23 43	0 10	20 22	1 39	15 30	0 21	3 33	1 46	28 1	12 12	6 50	6 39	26 33	18 15	3 57
T 15	10 47	0 46	1 27	10 2	0 13	3 15	1 28	14 28	0 7	23 43	0 10	20 22	1 39	15 30	0 21	3 34	1 46	28 0	12 12	6 51	6 38	26 34	18 14	3 57
W16	11 8	6s 5	0 9	9 32	0s 5	3 45	1 27	14 43	0 7	23 43	0 11	20 21	1 39	15 29	0 21	3 35	1 46	28 0	12 11	6 51	6 37	26 36	18 13	3 58
T 17	11 29	12 46	1s11	9 3	0 22	4 14	1 26	14 57	0 8	23 44	0 11	20 21	1 39	15 28	0 21	3 36	1 46	28 0	12 11	6 51	6 36	26 37	18 12	3 58
F 18	11 49	18 50	2 28	8 35	0 39	4 44	1 25	15 11	0 8	23 44	0 11	20 20	1 39	15 27	0 21	3 37	1 46	28 0	12 11	6 50	6 34	26 39	18 11	3 59
S 19	12 9	23 48	3 35	8 8	0 55	5 13	1 24	15 24	0 9	23 45	0 11	20 20	1 39	15 27	0 21	3 38	1 46	28 0	12 10	6 50	6 33	26 40	18 11	3 59
S 20	12 29	27 10	4 27	7 43	1 11	5 42	1 23	15 38	0 10	23 45	0 11	20 19	1 39	15 26	0 21	3 38	1 46	27 59	12 10	6 49	6 32	26 41	18 10	4 0
M21	12 49	28 37	5 1	7 19	1 27	6 11	1 22	15 52	0 10	23 45	0 11	20 19	1 39	15 25	0 21	3 39	1 46	27 59	12 10	6 48	6 31	26 43	18 9	4 0
T 22	13 9	28 4	5 15	6 58	1 42	6 40	1 21	16 5	0 11	23 46	0 11	20 18	1 40	15 24	0 21	3 40	1 46	27 59	12 10	6 48	6 30	26 44	18 8	4 0
W23	13 28	25 42	5 10	6 38	1 56	7 9	1 20	16 18	0 11	23 46	0 11	20 18	1 40	15 24	0 21	3 41	1 46	27 59	12 9	6 47	6 28	26 45	18 7	4 1
T 24	13 48	21 52	4 46	6 21	2 9	7 38	1 18	16 31	0 12	23 46	0 11	20 17	1 40	15 23	0 21	3 42	1 46	27 58	12 9	6 47	6 27	26 47	18 6	4 1
F 25	14 7	16 59	4 8	6 7	2 21	8 6	1 17	16 44	0 13	23 46	0 11	20 16	1 40	15 22	0 21	3 42	1 46	27 58	12 9	6 48	6 26	26 48	18 6	4 2
S 26	14 25	11 25	3 17	5 55	2 32	8 35	1 16	16 57	0 13	23 47	0 11	20 16	1 40	15 21	0 21	3 43	1 46	27 58	12 8	6 48	6 25	26 50	18 5	4 2
S 27	14 44	5 29	2 17	5 46	2 43	9 3	1 14	17 9	0 14	23 47	0 11	20 15	1 40	15 21	0 21	3 44	1 46	27 57	12 8	6 49	6 23	26 51	18 4	4 3
M28	15 2	0n34	1 12	5 39	2 52	9 31	1 13	17 22	0 14	23 47	0 11	20 15	1 40	15 20	0 21	3 45	1 46	27 57	12 8	6 49	6 22	26 52	18 3	4 3
T 29	15 20	6 29	0 4	5 35	3 0	9 59	1 11	17 34	0 15	23 47	0 12	20 14	1 40	15 19	0 21	3 46	1 46	27 57	12 7	6 49	6 21	26 54	18 2	4 3
W30	15n38	12n 6	1n 3	5n33	3s 7	10n26	1s10	17n46	0n16	23n48	0n12	20s14	1n40	15s18	0n21	3n46	1s46	27n56	12n 7	6n49	6n20	26n55	18s 1	4n 4

Julian Day Number = 1984493.5, Delta T = 57m37s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'41, Lahiri = 6°02'42 Julian Calendar 1 Apr. 721 == Greg. Calendar 5 Apr. 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

MAY 721 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 48 10	13♉15'37	10♉52	21♈50	1♉ 9	19♉27	28♊44	8°R23	12°R16	13♈38	15♌ 9	17°R13	15♈55	13♊45	9°R30	T 1
F 2	14 52 6	14°13'12	22°51	22°13	2°22	20° 8	28°56	8♐20	12♏13	13°40	15° 9	17♈10	15°52	13°52	9♐26	F 2
S 3	14 56 3	15°10'45	4♊46	22°41	3°36	20°50	29° 7	8°16	12°11	13°42	15° 9	17° 6	15°49	13°59	9°23	S 3
S 4	14 59 59	16° 8'17	16°37	23°12	4°49	21°31	29°18	8°12	12° 8	13°44	15° 9	17° 1	15°46	14° 5	9°19	S 4
M 5	15 3 56	17° 5'48	28°28	23°48	6° 3	22°12	29°30	8° 8	12° 6	13°46	15°10	16°56	15°43	14°12	9°15	M 5
T 6	15 7 52	18° 3'17	10♋20	24°27	7°16	22°54	29°41	8° 4	12° 3	13°48	15°10	16°51	15°39	14°19	9°12	T 6
W 7	15 11 49	19° 0'45	22°18	25°10	8°30	23°35	29°53	8° 0	12° 1	13°50	15°11	16°47	15°36	14°25	9° 8	W 7
T 8	15 15 45	19°58'12	4♌25	25°57	9°43	24°16	0♋ 5	7°56	11°58	13°52	15°11	16°45	15°33	14°32	9° 4	T 8
F 9	15 19 42	20°55'38	16°45	26°48	10°57	24°57	0°16	7°52	11°56	13°54	15°11	16°D43	15°30	14°39	9° 1	F 9
S 10	15 23 39	21°53'02	29°21	27°42	12°10	25°38	0°28	7°48	11°53	13°55	15°12	16°44	15°27	14°45	8°57	S 10
S 11	15 27 35	22°50'25	12♍20	28°40	13°24	26°19	0°40	7°43	11°51	13°57	15°12	16°45	15°24	14°52	8°53	S 11
M12	15 31 32	23°47'46	25°43	29°41	14°37	27° 0	0°52	7°39	11°48	13°59	15°13	16°46	15°20	14°59	8°49	M12
T 13	15 35 28	24°45'07	9♎33	0♉45	15°51	27°41	1° 4	7°35	11°46	14° 1	15°14	16°R47	15°17	15° 6	8°45	T 13
W14	15 39 25	25°42'26	23°50	1°53	17° 4	28°22	1°16	7°31	11°44	14° 3	15°14	16°47	15°14	15°12	8°41	W14
T 15	15 43 21	26°39'45	8♏33	3° 3	18°18	29° 3	1°28	7°27	11°41	14° 5	15°15	16°46	15°11	15°19	8°37	T 15
F 16	15 47 18	27°37'02	23°34	4°17	19°31	29°44	1°40	7°22	11°39	14° 6	15°15	16°42	15° 8	15°26	8°33	F 16
S 17	15 51 14	28°34'19	8♐47	5°34	20°45	0♊25	1°52	7°18	11°37	14° 8	15°16	16°37	15° 5	15°32	8°29	S 17
S 18	15 55 11	29°31'35	24° 0	6°54	21°58	1° 5	2° 4	7°14	11°34	14°10	15°17	16°31	15° 1	15°39	8°25	S 18
M19	15 59 8	0♊28'51	9♑ 3	8°17	23°12	1°46	2°17	7° 9	11°32	14°12	15°18	16°25	14°58	15°46	8°21	M19
T 20	16 3 4	1°26'06	23°48	9°43	24°25	2°27	2°29	7° 5	11°30	14°13	15°18	16°19	14°55	15°53	8°17	T 20
W21	16 7 1	2°23'20	8♒ 9	11°12	25°39	3° 7	2°41	7° 1	11°27	14°15	15°19	16°15	14°52	15°59	8°13	W21
T 22	16 10 57	3°20'34	22° 3	12°43	26°52	3°48	2°54	6°56	11°25	14°17	15°20	16°13	14°49	16° 6	8° 9	T 22
F 23	16 14 54	4°17'48	5♓30	14°18	28° 6	4°28	3° 6	6°52	11°23	14°18	15°21	16°D12	14°45	16°13	8° 5	F 23
S 24	16 18 50	5°15'01	18°33	15°56	29°19	5° 9	3°19	6°47	11°21	14°20	15°22	16°13	14°42	16°19	8° 1	S 24
S 25	16 22 47	6°12'15	1♈15	17°36	0♊33	5°49	3°31	6°43	11°18	14°21	15°23	16°14	14°39	16°26	7°57	S 25
M26	16 26 43	7° 9'28	13°40	19°19	1°47	6°30	3°44	6°38	11°16	14°23	15°24	16°R15	14°36	16°33	7°53	M26
T 27	16 30 40	8° 6'40	25°52	21° 5	3° 0	7°10	3°57	6°34	11°14	14°24	15°24	16°14	14°33	16°39	7°49	T 27
W28	16 34 37	9° 3'53	7♉55	22°54	4°14	7°50	4° 9	6°30	11°12	14°26	15°25	16°12	14°30	16°46	7°45	W28
T 29	16 38 33	10° 1'05	19°52	24°45	5°27	8°31	4°22	6°25	11°10	14°27	15°26	16° 7	14°26	16°53	7°41	T 29
F 30	16 42 30	10°58'17	1♊44	26°39	6°41	9°11	4°35	6°21	11° 8	14°29	15°27	16° 0	14°23	17° 0	7°36	F 30
S 31	16 46 26	11♊55'28	13♊35	28♉35	7♊55	9♊51	4♋48	6♐16	11♏ 6	14♈30	15♌29	15♈51	14♈20	17♊ 6	7♐32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n56	17n11	2n 6	5n35	3s14	10n53	1s 8	17n58	0n16	23n48	0n12	20s13	1n40	15s18	0n21	3n47	1s46	27n56	12n 7	6n49	6n18	26n56	18s 0	4n 4
F 2	16 13	21 34	3 3	5 38	3 19	11 20	1 6	18 10	0 17	23 48	0 12	20 12	1 40	15 17	0 21	3 48	1 46	27 56	12 7	6 47	6 17	26 57	18 0	4 4
S 3	16 30	25 2	3 51	5 44	3 23	11 47	1 5	18 22	0 17	23 48	0 12	20 12	1 40	15 16	0 21	3 49	1 46	27 55	12 6	6 46	6 16	26 59	17 59	4 5
S 4	16 47	27 24	4 29	5 53	3 27	12 14	1 3	18 33	0 18	23 48	0 12	20 11	1 40	15 15	0 21	3 49	1 46	27 55	12 6	6 44	6 15	27 0	17 58	4 5
M 5	17 3	28 32	4 56	6 4	3 29	12 40	1 1	18 45	0 18	23 48	0 12	20 11	1 40	15 15	0 21	3 50	1 46	27 55	12 6	6 42	6 14	27 1	17 57	4 5
T 6	17 20	28 21	5 10	6 17	3 31	13 6	0 59	18 56	0 19	23 49	0 12	20 10	1 40	15 14	0 21	3 51	1 46	27 54	12 5	6 40	6 12	27 3	17 56	4 6
W 7	17 36	26 51	5 10	6 32	3 31	13 32	0 57	19 7	0 20	23 49	0 12	20 9	1 40	15 13	0 21	3 52	1 46	27 54	12 5	6 38	6 11	27 4	17 55	4 6
T 8	17 51	24 6	4 57	6 49	3 31	13 57	0 56	19 18	0 20	23 49	0 12	20 9	1 40	15 12	0 21	3 52	1 46	27 53	12 5	6 37	6 10	27 5	17 54	4 6
F 9	18 7	20 13	4 30	7 8	3 30	14 22	0 54	19 28	0 21	23 49	0 12	20 8	1 40	15 12	0 21	3 53	1 47	27 53	12 5	6 37	6 9	27 6	17 53	4 7
S 10	18 22	15 21	3 50	7 29	3 28	14 47	0 52	19 39	0 21	23 49	0 12	20 7	1 40	15 11	0 21	3 54	1 47	27 53	12 4	6 37	6 7	27 8	17 53	4 7
S 11	18 37	9 42	2 57	7 52	3 26	15 11	0 50	19 49	0 22	23 49	0 13	20 7	1 40	15 10	0 21	3 54	1 47	27 52	12 4	6 37	6 6	27 9	17 52	4 7
M12	18 51	3 26	1 52	8 17	3 23	15 35	0 48	19 59	0 22	23 49	0 13	20 6	1 40	15 9	0 21	3 55	1 47	27 52	12 4	6 38	6 5	27 10	17 51	4 8
T 13	19 5	3s12	0 39	8 43	3 19	15 58	0 45	20 9	0 23	23 49	0 13	20 5	1 40	15 9	0 21	3 56	1 47	27 51	12 3	6 38	6 4	27 11	17 50	4 8
W14	19 19	9 54	0s38	9 10	3 14	16 21	0 43	20 19	0 24	23 49	0 13	20 5	1 40	15 8	0 21	3 56	1 47	27 51	12 3	6 38	6 2	27 13	17 49	4 8
T 15	19 33	16 16	1 55	9 39	3 9	16 44	0 41	20 29	0 24	23 49	0 13	20 4	1 40	15 7	0 21	3 57	1 47	27 50	12 3	6 38	6 1	27 14	17 48	4 8
F 16	19 46	21 48	3 6	10 10	3 3	17 6	0 39	20 38	0 25	23 49	0 13	20 3	1 39	15 6	0 21	3 58	1 47	27 50	12 3	6 37	6 0	27 15	17 47	4 9
S 17	19 59	25 56	4 4	10 42	2 57	17 28	0 37	20 47	0 25	23 49	0 13	20 3	1 39	15 6	0 21	3 58	1 47	27 49	12 2	6 35	5 59	27 16	17 46	4 9
S 18	20 11	28 13	4 45	11 15	2 50	17 50	0 35	20 56	0 26	23 49	0 13	20 2	1 39	15 5	0 21	3 59	1 47	27 49	12 2	6 32	5 57	27 17	17 46	4 9
M19	20 24	28 23	5 6	11 49	2 42	18 11	0 32	21 5	0 26	23 48	0 13	20 1	1 39	15 4	0 21	4 0	1 47	27 48	12 2	6 30	5 56	27 18	17 45	4 9
T 20	20 36	26 31	5 6	12 24	2 34	18 31	0 30	21 14	0 27	23 48	0 13	20 1	1 39	15 4	0 21	4 0	1 47	27 48	12 1	6 28	5 55	27 20	17 44	4 10
W21	20 47	22 58	4 47	12 59	2 25	18 51	0 28	21 23	0 27	23 48	0 13	20 0	1 39	15 3	0 21	4 1	1 47	27 47	12 1	6 26	5 54	27 21	17 43	4 10
T 22	20 58	18 12	4 11	13 36	2 16	19 11	0 26	21 31	0 28	23 48	0 13	19 59	1 39	15 2	0 21	4 1	1 47	27 47	12 1	6 25	5 53	27 22	17 42	4 10
F 23	21 9	12 41	3 22	14 13	2 7	19 30	0 23	21 39	0 28	23 48	0 14	19 59	1 39	15 1	0 21	4 2	1 47	27 46	12 1	6 25	5 51	27 23	17 41	4 10
S 24	21 20	6 46	2 24	14 51	1 57	19 48	0 21	21 47	0 29	23 47	0 14	19 58	1 39	15 1	0 21	4 3	1 47	27 46	12 0	6 25	5 50	27 24	17 41	4 11
S 25	21 30	0 43	1 20	15 30	1 47	20 6	0 19	21 55	0 30	23 47	0 14	19 57	1 39	15 0	0 21	4 3	1 47	27 45	12 0	6 26	5 49	27 25	17 40	4 11
M26	21 39	5n13	0 14	16 8	1 36	20 24	0 16	22 2	0 30	23 47	0 14	19 57	1 39	14 59	0 21	4 4	1 47	27 45	12 0	6 26	5 48	27 26	17 39	4 11
T 27	21 49	10 52	0n52	16 47	1 25	20 41	0 14	22 10	0 31	23 47	0 14	19 56	1 39	14 59	0 20	4 4	1 47	27 44	12 0	6 26	5 46	27 28	17 38	4 11
W28	21 58	16 2	1 54	17 26	1 14	20 57	0 12	22 17	0 31	23 46	0 14	19 55	1 39	14 58	0 20	4 5	1 47	27 44	11 59	6 25	5 45	27 29	17 37	4 11
T 29	22 6	20 33	2 50	18 4	1 3	21 13	0 9	22 24	0 32	23 46	0 14	19 55	1 39	14 58	0 20	4 5	1 47	27 43	11 59	6 23	5 44	27 30	17 36	4 11
F 30	22 15	24 13	3 39	18 42	0 52	21 28	0 7	22 31	0 32	23 46	0 14	19 54	1 39	14 57	0 20	4 6	1 47	27 43	11 59	6 20	5 43	27 31	17 36	4 12
S 31	22n23	26n51	4n18	19n20	0s40	21n43	0s 4	22n37	0n33	23n45	0n14	19s53	1n39	14s56	0n20	4n 6	1s48	27n42	11n59	6n17	5n41	27n32	17s35	4n12

Julian Day Number = 1984523.5, Delta T = 57m36s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'45, Lahiri = 6°02'46 Julian Calendar 1 May 721 == Greg. Calendar 5 May 721

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 721
geocentric

JUNE 721 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 50 23	12♊52'40	25♊26	0♊34	9♊ 8	10♊32	5♋ 0	6°R12	11°R 4	14♈32	15♌30	15°R41	14♈17	17♊13	7°R28	S 1
M 2	16 54 19	13°49'51	7♋19	2°35	10°22	11°12	5°13	6♐ 8	11♏ 2	14°33	15°31	15♈30	14°14	17°20	7♐24	M 2
T 3	16 58 16	14°47'02	19°15	4°38	11°36	11°52	5°26	6° 3	11° 0	14°34	15°32	15°19	14°11	17°26	7°20	T 3
W 4	17 2 13	15°44'12	1♌16	6°43	12°49	12°32	5°39	5°59	10°58	14°36	15°33	15°10	14° 7	17°33	7°16	W 4
T 5	17 6 9	16°41'22	13°25	8°49	14° 3	13°12	5°52	5°55	10°56	14°37	15°34	15° 3	14° 4	17°40	7°12	T 5
F 6	17 10 6	17°38'31	25°46	10°57	15°17	13°52	6° 5	5°50	10°54	14°38	15°35	14°59	14° 1	17°47	7° 8	F 6
S 7	17 14 2	18°35'40	8♍21	13° 6	16°30	14°32	6°18	5°46	10°52	14°39	15°37	14°57	13°58	17°53	7° 4	S 7
S 8	17 17 59	19°32'49	21°15	15°16	17°44	15°12	6°31	5°42	10°51	14°41	15°38	14°D56	13°55	18° 0	7° 0	S 8
M 9	17 21 55	20°29'57	4♎31	17°26	18°58	15°52	6°44	5°38	10°49	14°42	15°39	14°56	13°51	18° 7	6°57	M 9
T 10	17 25 52	21°27'05	18°13	19°36	20°11	16°32	6°57	5°34	10°47	14°43	15°41	14°R57	13°48	18°13	6°53	T 10
W11	17 29 48	22°24'13	2♏23	21°47	21°25	17°11	7°10	5°30	10°46	14°44	15°42	14°56	13°45	18°20	6°49	W11
T 12	17 33 45	23°21'21	16°59	23°57	22°39	17°51	7°24	5°25	10°44	14°45	15°43	14°52	13°42	18°27	6°45	T 12
F 13	17 37 42	24°18'28	1♐58	26° 6	23°53	18°31	7°37	5°21	10°42	14°46	15°45	14°47	13°39	18°34	6°41	F 13
S 14	17 41 38	25°15'36	17°11	28°15	25° 6	19°11	7°50	5°17	10°41	14°47	15°46	14°39	13°36	18°40	6°38	S 14
S 15	17 45 35	26°12'44	2♑30	0♋23	26°20	19°50	8° 3	5°13	10°39	14°48	15°47	14°29	13°32	18°47	6°34	S 15
M16	17 49 31	27° 9'52	17°43	2°29	27°34	20°30	8°16	5° 9	10°38	14°49	15°49	14°19	13°29	18°54	6°30	M16
T 17	17 53 28	28° 7'00	2♒39	4°35	28°48	21°10	8°30	5° 6	10°36	14°50	15°50	14°10	13°26	19° 0	6°27	T 17
W18	17 57 24	29° 4'09	17°10	6°39	0♋ 1	21°49	8°43	5° 2	10°35	14°51	15°52	14° 2	13°23	19° 7	6°23	W18
T 19	18 1 21	0♋ 1'18	1♓12	8°41	1°15	22°29	8°56	4°58	10°34	14°52	15°53	13°57	13°20	19°14	6°19	T 19
F 20	18 5 17	0°58'28	14°45	10°42	2°29	23° 8	9° 9	4°54	10°32	14°53	15°55	13°55	13°17	19°21	6°16	F 20
S 21	18 9 14	1°55'38	27°49	12°41	3°43	23°48	9°23	4°50	10°31	14°53	15°56	13°D54	13°13	19°27	6°13	S 21
S 22	18 13 11	2°52'49	10♈30	14°38	4°57	24°27	9°36	4°47	10°30	14°54	15°58	13°R54	13°10	19°34	6° 9	S 22
M23	18 17 7	3°50'01	22°52	16°34	6°10	25° 7	9°49	4°43	10°29	14°55	15°59	13°54	13° 7	19°41	6° 6	M23
T 24	18 21 4	4°47'13	4♉59	18°27	7°24	25°46	10° 3	4°40	10°28	14°56	16° 1	13°52	13° 4	19°47	6° 3	T 24
W25	18 25 0	5°44'26	16°57	20°19	8°38	26°25	10°16	4°36	10°27	14°56	16° 3	13°48	13° 1	19°54	5°59	W25
T 26	18 28 57	6°41'40	28°49	22°10	9°52	27° 5	10°29	4°33	10°26	14°57	16° 4	13°42	12°57	20° 1	5°56	T 26
F 27	18 32 53	7°38'55	10♊39	23°58	11° 6	27°44	10°43	4°30	10°25	14°58	16° 6	13°33	12°54	20° 8	5°53	F 27
S 28	18 36 50	8°36'10	22°30	25°44	12°20	28°23	10°56	4°26	10°24	14°58	16° 8	13°21	12°51	20°14	5°50	S 28
S 29	18 40 47	9°33'26	4♋23	27°29	13°34	29° 2	11° 9	4°23	10°23	14°59	16° 9	13° 8	12°48	20°21	5°47	S 29
M30	18 44 43	10♋30'43	16♋20	29♋12	14♋48	29♊42	11♋23	4♐20	10♏22	14♈59	16♌11	12♈54	12♈45	20♊28	5♐44	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n30	28n17	4n45	19n57	0s29	21n57	0s 2	22n44	0n33	23n45	0n14	19s53	1n38	14s56	0n20	4n 7	1s48	27n41	11n58	6n13	5n40	27n33	17s34	4n12
M 2	22 37	28 24	5 1	20 32	0 17	22 10	0n 0	22 50	0 34	23 45	0 14	19 52	1 38	14 55	0 20	4 7	1 48	27 41	11 58	6 9	5 39	27 34	17 33	4 12
T 3	22 44	27 13	5 3	21 7	0 6	22 23	0 3	22 56	0 34	23 44	0 14	19 51	1 38	14 55	0 20	4 8	1 48	27 40	11 58	6 4	5 38	27 35	17 32	4 12
W 4	22 50	24 46	4 52	21 40	0n 5	22 35	0 5	23 2	0 35	23 44	0 15	19 51	1 38	14 54	0 20	4 8	1 48	27 40	11 58	6 1	5 36	27 36	17 32	4 12
T 5	22 56	21 11	4 28	22 11	0 16	22 46	0 7	23 8	0 35	23 43	0 15	19 50	1 38	14 53	0 20	4 9	1 48	27 39	11 57	5 58	5 35	27 37	17 31	4 12
F 6	23 2	16 38	3 51	22 40	0 26	22 57	0 10	23 13	0 36	23 43	0 15	19 49	1 38	14 53	0 20	4 9	1 48	27 38	11 57	5 56	5 34	27 38	17 30	4 13
S 7	23 7	11 18	3 2	23 8	0 36	23 7	0 12	23 18	0 36	23 42	0 15	19 49	1 38	14 52	0 20	4 9	1 48	27 38	11 57	5 56	5 33	27 39	17 29	4 13
S 8	23 12	5 22	2 3	23 33	0 46	23 17	0 15	23 23	0 37	23 42	0 15	19 48	1 38	14 52	0 20	4 10	1 48	27 37	11 57	5 55	5 31	27 40	17 29	4 13
M 9	23 16	0s58	0 55	23 55	0 55	23 25	0 17	23 28	0 37	23 41	0 15	19 48	1 38	14 51	0 20	4 10	1 48	27 37	11 56	5 56	5 30	27 41	17 28	4 13
T 10	23 20	7 28	0s17	24 15	1 3	23 34	0 19	23 33	0 38	23 40	0 15	19 47	1 37	14 51	0 20	4 11	1 48	27 36	11 56	5 56	5 29	27 42	17 27	4 13
W11	23 23	13 49	1 31	24 32	1 11	23 41	0 21	23 37	0 38	23 40	0 15	19 46	1 37	14 50	0 20	4 11	1 48	27 35	11 56	5 55	5 28	27 43	17 27	4 13
T 12	23 26	19 36	2 41	24 47	1 19	23 48	0 24	23 41	0 39	23 39	0 15	19 46	1 37	14 50	0 20	4 11	1 48	27 35	11 56	5 54	5 27	27 44	17 26	4 13
F 13	23 29	24 19	3 42	24 58	1 25	23 54	0 26	23 46	0 39	23 38	0 15	19 45	1 37	14 49	0 20	4 12	1 48	27 34	11 56	5 52	5 25	27 45	17 25	4 13
S 14	23 31	27 26	4 28	25 7	1 31	23 59	0 28	23 49	0 40	23 38	0 15	19 45	1 37	14 49	0 20	4 12	1 48	27 33	11 55	5 49	5 24	27 46	17 25	4 13
S 15	23 33	28 30	4 55	25 13	1 36	24 4	0 31	23 53	0 40	23 37	0 15	19 44	1 37	14 48	0 20	4 12	1 48	27 33	11 55	5 45	5 23	27 47	17 24	4 13
M16	23 35	27 24	5 1	25 16	1 41	24 8	0 33	23 56	0 41	23 36	0 16	19 43	1 37	14 48	0 20	4 13	1 48	27 32	11 55	5 41	5 22	27 48	17 23	4 13
T 17	23 36	24 21	4 46	25 16	1 44	24 11	0 35	24 0	0 41	23 36	0 16	19 43	1 37	14 47	0 20	4 13	1 49	27 32	11 55	5 37	5 20	27 49	17 23	4 13
W18	23 36	19 49	4 13	25 13	1 47	24 13	0 37	24 3	0 42	23 35	0 16	19 42	1 36	14 47	0 20	4 13	1 49	27 31	11 55	5 35	5 19	27 50	17 22	4 13
T 19	23 36	14 19	3 26	25 8	1 50	24 15	0 39	24 6	0 42	23 34	0 16	19 42	1 36	14 47	0 20	4 14	1 49	27 30	11 54	5 33	5 18	27 51	17 22	4 13
F 20	23 36	8 19	2 28	25 1	1 51	24 16	0 41	24 8	0 43	23 33	0 16	19 41	1 36	14 46	0 20	4 14	1 49	27 30	11 54	5 32	5 17	27 52	17 21	4 13
S 21	23 36	2 9	1 24	24 51	1 52	24 17	0 43	24 11	0 43	23 32	0 16	19 41	1 36	14 46	0 20	4 14	1 49	27 29	11 54	5 31	5 15	27 53	17 20	4 13
S 22	23 35	3n55	0 18	24 39	1 52	24 16	0 45	24 13	0 44	23 31	0 16	19 40	1 36	14 46	0 20	4 14	1 49	27 28	11 54	5 31	5 14	27 54	17 20	4 13
M23	23 33	9 41	0n47	24 25	1 52	24 15	0 47	24 15	0 44	23 31	0 16	19 40	1 36	14 45	0 20	4 15	1 49	27 28	11 54	5 31	5 13	27 55	17 19	4 13
T 24	23 31	14 59	1 49	24 9	1 50	24 13	0 49	24 17	0 45	23 30	0 16	19 39	1 36	14 45	0 20	4 15	1 49	27 27	11 54	5 31	5 12	27 55	17 19	4 13
W25	23 29	19 39	2 45	23 51	1 49	24 11	0 51	24 18	0 45	23 29	0 16	19 39	1 35	14 45	0 20	4 15	1 49	27 26	11 53	5 29	5 10	27 56	17 18	4 13
T 26	23 26	23 30	3 33	23 31	1 46	24 7	0 53	24 20	0 45	23 28	0 16	19 38	1 35	14 44	0 20	4 15	1 49	27 26	11 53	5 27	5 9	27 57	17 18	4 13
F 27	23 23	26 22	4 12	23 10	1 44	24 3	0 55	24 21	0 46	23 27	0 17	19 38	1 35	14 44	0 20	4 15	1 49	27 25	11 53	5 23	5 8	27 58	17 17	4 13
S 28	23 20	28 3	4 40	22 47	1 40	23 58	0 57	24 22	0 46	23 26	0 17	19 37	1 35	14 44	0 20	4 16	1 49	27 24	11 53	5 18	5 7	27 59	17 17	4 13
S 29	23 16	28 28	4 56	22 23	1 36	23 53	0 59	24 23	0 47	23 25	0 17	19 37	1 35	14 43	0 20	4 16	1 49	27 24	11 53	5 13	5 5	28 0	17 16	4 13
M30	23n11	27n32	4n59	21n57	1n32	23n47	1n 0	24n24	0n47	23n24	0n17	19s37	1n35	14s43	0n20	4n16	1s49	27n23	11n53	5n 8	5n 4	28n 1	17s16	4n13

Julian Day Number = 1984554.5, Delta T = 57m35s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'49, Lahiri = 6°02'50 Julian Calendar 1 June 721 == Greg. Calendar 5 June 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

JULY 721 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 48 40	11♋28'00	28♋23	0♌53	16♋ 2	0♋21	11♋36	4°R17	10°R21	15♈ 0	16♌13	12°R41	12♈42	20♊34	5°R41	T 1
W 2	18 52 36	12°25'18	10♌33	2°33	17°16	1° 0	11°49	4♐14	10♏20	15° 0	16°14	12♈29	12°38	20°41	5♐38	W 2
T 3	18 56 33	13°22'36	22°50	4°10	18°29	1°39	12° 3	4°11	10°20	15° 1	16°16	12°20	12°35	20°48	5°36	T 3
F 4	19 0 29	14°19'55	5♍18	5°46	19°43	2°18	12°16	4° 8	10°19	15° 1	16°18	12°13	12°32	20°55	5°33	F 4
S 5	19 4 26	15°17'15	17°58	7°20	20°57	2°57	12°29	4° 5	10°18	15° 2	16°20	12° 9	12°29	21° 1	5°30	S 5
S 6	19 8 22	16°14'35	0♎54	8°52	22°11	3°36	12°43	4° 3	10°18	15° 2	16°21	12° 8	12°26	21° 8	5°28	S 6
M 7	19 12 19	17°11'55	14° 8	10°22	23°25	4°15	12°56	4° 0	10°17	15° 2	16°23	12° 8	12°23	21°15	5°25	M 7
T 8	19 16 16	18° 9'17	27°43	11°51	24°39	4°54	13° 9	3°57	10°17	15° 2	16°25	12° 8	12°19	21°21	5°23	T 8
W 9	19 20 12	19° 6'39	11♏43	13°17	25°53	5°33	13°23	3°55	10°17	15° 3	16°27	12° 6	12°16	21°28	5°21	W 9
T 10	19 24 9	20° 4'01	26° 6	14°42	27° 7	6°12	13°36	3°53	10°16	15° 3	16°29	12° 3	12°13	21°35	5°18	T 10
F 11	19 28 5	21° 1'25	10♐50	16° 5	28°21	6°51	13°49	3°50	10°16	15° 3	16°31	11°57	12°10	21°42	5°16	F 11
S 12	19 32 2	21°58'49	25°51	17°26	29°35	7°30	14° 2	3°48	10°16	15° 3	16°32	11°49	12° 7	21°48	5°14	S 12
S 13	19 35 58	22°56'14	11♑ 0	18°45	0♌49	8° 9	14°16	3°46	10°15	15° 3	16°34	11°38	12° 3	21°55	5°12	S 13
M14	19 39 55	23°53'40	26° 6	20° 2	2° 3	8°47	14°29	3°44	10°15	15° 3	16°36	11°28	12° 0	22° 2	5°10	M14
T 15	19 43 51	24°51'08	11♒ 0	21°17	3°17	9°26	14°42	3°42	10°15	15° 3	16°38	11°18	11°57	22° 8	5° 8	T 15
W16	19 47 48	25°48'36	25°32	22°30	4°32	10° 5	14°55	3°40	10°D15	15°R 3	16°40	11°10	11°54	22°15	5° 7	W16
T 17	19 51 45	26°46'05	9♓38	23°40	5°46	10°43	15° 9	3°38	10°15	15° 3	16°42	11° 4	11°51	22°22	5° 5	T 17
F 18	19 55 41	27°43'36	23°15	24°48	7° 0	11°22	15°22	3°37	10°15	15° 3	16°44	11° 1	11°48	22°29	5° 3	F 18
S 19	19 59 38	28°41'09	6♈24	25°54	8°14	12° 1	15°35	3°35	10°15	15° 3	16°46	11°D 0	11°44	22°35	5° 2	S 19
S 20	20 3 34	29°38'43	19° 8	26°58	9°28	12°39	15°48	3°33	10°16	15° 3	16°48	11° 0	11°41	22°42	5° 0	S 20
M21	20 7 31	0♌36'18	1♉31	27°59	10°42	13°18	16° 1	3°32	10°16	15° 3	16°50	11°R 0	11°38	22°49	4°59	M21
T 22	20 11 27	1°33'55	13°39	28°57	11°56	13°57	16°14	3°31	10°16	15° 3	16°52	10°59	11°35	22°55	4°58	T 22
W23	20 15 24	2°31'34	25°36	29°52	13°10	14°35	16°27	3°29	10°16	15° 3	16°54	10°57	11°32	23° 2	4°57	W23
T 24	20 19 20	3°29'14	7♊28	0♍45	14°24	15°14	16°40	3°28	10°17	15° 2	16°56	10°52	11°29	23° 9	4°55	T 24
F 25	20 23 17	4°26'56	19°19	1°34	15°38	15°52	16°53	3°27	10°17	15° 2	16°58	10°45	11°25	23°16	4°54	F 25
S 26	20 27 14	5°24'39	1♋11	2°20	16°52	16°31	17° 6	3°26	10°18	15° 2	17° 0	10°35	11°22	23°22	4°53	S 26
S 27	20 31 10	6°22'24	13° 9	3° 2	18° 7	17° 9	17°19	3°25	10°18	15° 1	17° 2	10°24	11°19	23°29	4°53	S 27
M28	20 35 7	7°20'11	25°14	3°41	19°21	17°47	17°32	3°24	10°19	15° 1	17° 4	10°12	11°16	23°36	4°52	M28
T 29	20 39 3	8°17'59	7♌27	4°16	20°35	18°26	17°45	3°24	10°19	15° 1	17° 6	10° 1	11°13	23°42	4°51	T 29
W30	20 43 0	9°15'49	19°49	4°47	21°49	19° 4	17°58	3°23	10°20	15° 0	17° 8	9°51	11° 9	23°49	4°51	W30
T 31	20 46 56	10♌13'39	2♍21	5♍13	23♌ 3	19♋43	18♋11	3♐23	10♏21	15♈ 0	17♌10	9♈43	11♈ 6	23♊56	4♐50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 6	25n20	4n48	21n31	1n27	23n40	1n 2	24n24	0n48	23n23	0n17	19s36	1n34	14s43	0n20	4n16	1s49	27n22	11n53	5n 3	5n 3	28n 1	17s15	4n13	T 1
W 2	23 1	21 57	4 25	21 3	1 21	23 32	1 4	24 24	0 48	23 22	0 17	19 36	1 34	14 43	0 20	4 16	1 49	27 22	11 52	4 58	5 2	28 2	17 15	4 13	W 2
T 3	22 56	17 36	3 49	20 34	1 16	23 24	1 5	24 24	0 49	23 20	0 17	19 35	1 34	14 43	0 20	4 16	1 50	27 21	11 52	4 54	5 0	28 3	17 15	4 12	T 3
F 4	22 50	12 26	3 1	20 5	1 9	23 15	1 7	24 24	0 49	23 19	0 17	19 35	1 34	14 42	0 20	4 16	1 50	27 20	11 52	4 52	4 59	28 4	17 14	4 12	F 4
S 5	22 43	6 41	2 4	19 35	1 3	23 5	1 8	24 24	0 50	23 18	0 17	19 35	1 34	14 42	0 20	4 17	1 50	27 20	11 52	4 50	4 58	28 5	17 14	4 12	S 5
S 6	22 37	0 33	0 59	19 4	0 56	22 55	1 10	24 23	0 50	23 17	0 17	19 34	1 34	14 42	0 20	4 17	1 50	27 19	11 52	4 50	4 57	28 6	17 14	4 12	S 6
M 7	22 30	5s46	0s11	18 32	0 48	22 44	1 11	24 23	0 50	23 16	0 18	19 34	1 33	14 42	0 20	4 17	1 50	27 18	11 52	4 50	4 55	28 6	17 13	4 12	M 7
T 8	22 22	12 0	1 21	18 0	0 41	22 32	1 12	24 22	0 51	23 15	0 18	19 34	1 33	14 42	0 20	4 17	1 50	27 18	11 52	4 50	4 54	28 7	17 13	4 12	T 8
W 9	22 14	17 49	2 29	17 28	0 33	22 19	1 14	24 21	0 51	23 13	0 18	19 33	1 33	14 42	0 20	4 17	1 50	27 17	11 52	4 49	4 53	28 8	17 13	4 12	W 9
T 10	22 6	22 49	3 30	16 55	0 24	22 6	1 15	24 19	0 52	23 12	0 18	19 33	1 33	14 42	0 20	4 17	1 50	27 16	11 52	4 48	4 52	28 9	17 12	4 12	T 10
F 11	21 57	26 29	4 18	16 22	0 15	21 53	1 16	24 18	0 52	23 11	0 18	19 33	1 33	14 42	0 19	4 17	1 50	27 16	11 52	4 45	4 50	28 9	17 12	4 12	F 11
S 12	21 48	28 22	4 49	15 49	0 7	21 38	1 17	24 16	0 53	23 10	0 18	19 33	1 32	14 41	0 19	4 17	1 50	27 15	11 51	4 42	4 49	28 10	17 12	4 11	S 12
S 13	21 38	28 8	5 1	15 16	0s 3	21 23	1 18	24 14	0 53	23 8	0 18	19 33	1 32	14 41	0 19	4 17	1 50	27 14	11 51	4 38	4 48	28 11	17 12	4 11	S 13
M14	21 29	25 50	4 51	14 43	0 12	21 8	1 19	24 12	0 53	23 7	0 18	19 32	1 32	14 41	0 19	4 17	1 50	27 14	11 51	4 34	4 47	28 12	17 12	4 11	M14
T 15	21 18	21 47	4 22	14 10	0 22	20 51	1 20	24 10	0 54	23 6	0 18	19 32	1 32	14 41	0 19	4 17	1 50	27 13	11 51	4 30	4 45	28 12	17 11	4 11	T 15
W16	21 8	16 29	3 36	13 37	0 32	20 35	1 21	24 7	0 54	23 4	0 18	19 32	1 32	14 41	0 19	4 17	1 50	27 12	11 51	4 27	4 44	28 13	17 11	4 11	W16
T 17	20 57	10 27	2 38	13 4	0 42	20 17	1 22	24 5	0 55	23 3	0 19	19 32	1 31	14 41	0 19	4 17	1 50	27 12	11 51	4 25	4 43	28 14	17 11	4 11	T 17
F 18	20 46	4 7	1 33	12 31	0 52	19 59	1 23	24 2	0 55	23 1	0 19	19 32	1 31	14 42	0 19	4 16	1 50	27 11	11 51	4 23	4 42	28 14	17 11	4 11	F 18
S 19	20 34	2n11	0 24	11 59	1 3	19 41	1 24	23 59	0 56	23 0	0 19	19 32	1 31	14 42	0 19	4 16	1 51	27 10	11 51	4 23	4 40	28 15	17 11	4 10	S 19
S 20	20 22	8 12	0n43	11 28	1 13	19 22	1 24	23 56	0 56	22 59	0 19	19 32	1 31	14 42	0 19	4 16	1 51	27 10	11 51	4 23	4 39	28 16	17 11	4 10	S 20
M21	20 10	13 45	1 47	10 57	1 24	19 2	1 25	23 52	0 56	22 57	0 19	19 31	1 31	14 42	0 19	4 16	1 51	27 9	11 51	4 23	4 38	28 16	17 11	4 10	M21
T 22	19 57	18 39	2 44	10 26	1 35	18 42	1 25	23 49	0 57	22 56	0 19	19 31	1 30	14 42	0 19	4 16	1 51	27 8	11 51	4 23	4 37	28 17	17 11	4 10	T 22
W23	19 44	22 45	3 34	9 57	1 46	18 21	1 26	23 45	0 57	22 54	0 19	19 31	1 30	14 42	0 19	4 16	1 51	27 8	11 51	4 22	4 35	28 18	17 11	4 10	W23
T 24	19 31	25 52	4 13	9 28	1 57	18 0	1 26	23 41	0 58	22 53	0 19	19 31	1 30	14 42	0 19	4 16	1 51	27 7	11 51	4 20	4 34	28 18	17 11	4 9	T 24
F 25	19 17	27 51	4 42	9 0	2 8	17 38	1 26	23 37	0 58	22 51	0 19	19 31	1 30	14 42	0 19	4 15	1 51	27 6	11 51	4 17	4 33	28 19	17 11	4 9	F 25
S 26	19 3	28 35	4 58	8 33	2 19	17 16	1 27	23 33	0 58	22 50	0 19	19 31	1 30	14 42	0 19	4 15	1 51	27 6	11 51	4 13	4 32	28 20	17 11	4 9	S 26
S 27	18 49	27 58	5 2	8 8	2 30	16 53	1 27	23 28	0 59	22 48	0 20	19 31	1 29	14 43	0 19	4 15	1 51	27 5	11 51	4 9	4 30	28 20	17 11	4 9	S 27
M28	18 34	26 2	4 52	7 44	2 41	16 30	1 27	23 24	0 59	22 46	0 20	19 31	1 29	14 43	0 19	4 15	1 51	27 4	11 51	4 4	4 29	28 21	17 11	4 9	M28
T 29	18 19	22 52	4 29	7 21	2 51	16 6	1 27	23 19	1 0	22 45	0 20	19 32	1 29	14 43	0 19	4 15	1 51	27 4	11 51	4 0	4 28	28 22	17 11	4 8	T 29
W30	18 4	18 39	3 53	7 0	3 2	15 42	1 27	23 14	1 0	22 43	0 20	19 32	1 29	14 43	0 19	4 14	1 51	27 3	11 51	3 56	4 27	28 22	17 11	4 8	W30
T 31	17n48	13n35	3n 5	6n41	3s12	15n18	1n27	23n 9	1n 0	22n42	0n20	19s32	1n29	14s44	0n19	4n14	1s51	27n 2	11n51	3n53	4n25	28n23	17s11	4n 8	T 31

Julian Day Number = 1984584.5, Delta T = 57m35s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'54, Lahiri = 6°02'54 Julian Calendar 1 July 721 == Greg. Calendar 5 July 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

AUGUST 721 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 50 53	11♌11'32	15♍ 3	5♍35	24♌17	20♋21	18♋24	3°R22	10♏22	14°R59	17♌12	9°R38	11♈ 3	24♊ 3	4°R50	F 1
S 2	20 54 49	12° 9'26	27°57	5°52	25°31	20°59	18°36	3♐22	10°22	14♈59	17°14	9♈35	11° 0	24° 9	4♐49	S 2
S 3	20 58 46	13° 7'21	11♎ 4	6° 3	26°46	21°37	18°49	3°22	10°23	14°58	17°16	9°D34	10°57	24°16	4°49	S 3
M 4	21 2 43	14° 5'17	24°25	6° 9	28° 0	22°16	19° 2	3°22	10°24	14°57	17°18	9°35	10°54	24°23	4°49	M 4
T 5	21 6 39	15° 3'15	8♏ 2	6°R10	29°14	22°54	19°14	3°D22	10°25	14°57	17°20	9°36	10°50	24°29	4°D49	T 5
W 6	21 10 36	16° 1'14	21°56	6° 5	0♍28	23°32	19°27	3°22	10°26	14°56	17°22	9°R36	10°47	24°36	4°49	W 6
T 7	21 14 32	16°59'15	6♐ 7	5°54	1°42	24°10	19°39	3°22	10°27	14°55	17°24	9°34	10°44	24°43	4°49	T 7
F 8	21 18 29	17°57'17	20°34	5°36	2°56	24°48	19°52	3°22	10°28	14°55	17°26	9°31	10°41	24°50	4°49	F 8
S 9	21 22 25	18°55'21	5♑14	5°13	4°11	25°26	20° 4	3°23	10°30	14°54	17°28	9°25	10°38	24°56	4°50	S 9
S 10	21 26 22	19°53'26	20° 0	4°43	5°25	26° 5	20°17	3°23	10°31	14°53	17°30	9°18	10°35	25° 3	4°50	S 10
M11	21 30 18	20°51'32	4♒46	4° 8	6°39	26°43	20°29	3°24	10°32	14°52	17°32	9°11	10°31	25°10	4°51	M11
T 12	21 34 15	21°49'41	19°22	3°26	7°53	27°21	20°41	3°24	10°34	14°51	17°34	9° 3	10°28	25°17	4°51	T 12
W13	21 38 12	22°47'51	3♓43	2°40	9° 7	27°59	20°54	3°25	10°35	14°51	17°36	8°58	10°25	25°23	4°52	W13
T 14	21 42 8	23°46'02	17°42	1°48	10°21	28°37	21° 6	3°26	10°36	14°50	17°38	8°54	10°22	25°30	4°53	T 14
F 15	21 46 5	24°44'16	1♈17	0°53	11°36	29°15	21°18	3°27	10°38	14°49	17°40	8°52	10°19	25°37	4°54	F 15
S 16	21 50 1	25°42'32	14°27	29♌55	12°50	29°53	21°30	3°28	10°39	14°48	17°42	8°D52	10°15	25°43	4°55	S 16
S 17	21 53 58	26°40'50	27°13	28°55	14° 4	0♌30	21°42	3°29	10°41	14°47	17°44	8°53	10°12	25°50	4°56	S 17
M18	21 57 54	27°39'10	9♉39	27°55	15°18	1° 8	21°54	3°30	10°43	14°46	17°46	8°54	10° 9	25°57	4°57	M18
T 19	22 1 51	28°37'32	21°49	26°56	16°32	1°46	22° 6	3°32	10°44	14°45	17°48	8°55	10° 6	26° 4	4°58	T 19
W20	22 5 47	29°35'56	3♊49	25°59	17°46	2°24	22°18	3°33	10°46	14°44	17°50	8°R56	10° 3	26°10	4°59	W20
T 21	22 9 44	0♍34'23	15°42	25° 5	19° 0	3° 2	22°30	3°34	10°48	14°43	17°52	8°54	10° 0	26°17	5° 1	T 21
F 22	22 13 41	1°32'52	27°34	24°16	20°15	3°40	22°41	3°36	10°50	14°42	17°54	8°51	9°56	26°24	5° 2	F 22
S 23	22 17 37	2°31'23	9♋29	23°34	21°29	4°18	22°53	3°38	10°51	14°40	17°56	8°47	9°53	26°30	5° 4	S 23
S 24	22 21 34	3°29'56	21°31	22°58	22°43	4°55	23° 4	3°40	10°53	14°39	17°58	8°41	9°50	26°37	5° 5	S 24
M25	22 25 30	4°28'31	3♌42	22°31	23°57	5°33	23°16	3°42	10°55	14°38	18° 0	8°35	9°47	26°44	5° 7	M25
T 26	22 29 27	5°27'08	16° 6	22°13	25°11	6°11	23°27	3°44	10°57	14°37	18° 2	8°29	9°44	26°51	5° 9	T 26
W27	22 33 23	6°25'48	28°42	22°D 4	26°25	6°49	23°39	3°46	10°59	14°36	18° 4	8°24	9°40	26°57	5°11	W27
T 28	22 37 20	7°24'29	11♍32	22° 5	27°40	7°26	23°50	3°48	11° 1	14°34	18° 6	8°20	9°37	27° 4	5°13	T 28
F 29	22 41 16	8°23'13	24°35	22°15	28°54	8° 4	24° 1	3°50	11° 4	14°33	18° 8	8°18	9°34	27°11	5°15	F 29
S 30	22 45 13	9°21'58	7♎50	22°35	0♎ 8	8°41	24°12	3°52	11° 6	14°32	18°10	8°D17	9°31	27°17	5°17	S 30
S 31	22 49 10	10♍20'45	21♎18	23♌ 5	1♎22	9♌19	24♋24	3♐55	11♏ 8	14♈31	18♌12	8♈18	9♈28	27♊24	5♐20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17n32	7n53	2n 7	6n24	3s22	14n53	1n27	23n 3	1n 1	22n40	0n20	19s32	1n28	14s44	0n19	4n14	1s51	27n 2	11n51	3n50	4n24	28n23	17s11	4n 8	
S 2	17 16	1 46	1 2	6 9	3 32	14 28	1 27	22 58	1 1	22 38	0 20	19 32	1 28	14 44	0 19	4 14	1 51	27 1	11 51	3 49	4 23	28 24	17 11	4 8	
S 3	17 0	4s32	0s 8	5 56	3 41	14 2	1 26	22 52	1 2	22 37	0 20	19 32	1 28	14 44	0 19	4 13	1 51	27 1	11 51	3 49	4 22	28 24	17 11	4 7	
M 4	16 43	10 45	1 19	5 46	3 50	13 36	1 26	22 46	1 2	22 35	0 21	19 32	1 28	14 45	0 19	4 13	1 52	27 0	11 51	3 49	4 20	28 25	17 12	4 7	
T 5	16 26	16 35	2 26	5 38	3 58	13 9	1 26	22 40	1 2	22 33	0 21	19 33	1 28	14 45	0 19	4 13	1 52	26 59	11 51	3 50	4 19	28 26	17 12	4 7	
W 6	16 9	21 42	3 27	5 33	4 5	12 43	1 25	22 34	1 3	22 32	0 21	19 33	1 27	14 45	0 19	4 13	1 52	26 59	11 51	3 50	4 18	28 26	17 12	4 7	
T 7	15 51	25 41	4 16	5 31	4 11	12 15	1 25	22 28	1 3	22 30	0 21	19 33	1 27	14 46	0 19	4 12	1 52	26 58	11 51	3 49	4 17	28 27	17 12	4 7	
F 8	15 33	28 6	4 50	5 33	4 16	11 48	1 24	22 21	1 4	22 28	0 21	19 33	1 27	14 46	0 19	4 12	1 52	26 58	11 51	3 48	4 15	28 27	17 13	4 6	
S 9	15 15	28 36	5 6	5 38	4 20	11 20	1 23	22 15	1 4	22 27	0 21	19 34	1 27	14 47	0 19	4 12	1 52	26 57	11 51	3 45	4 14	28 28	17 13	4 6	
S 10	14 57	27 4	5 1	5 46	4 23	10 52	1 23	22 8	1 4	22 25	0 21	19 34	1 26	14 47	0 19	4 11	1 52	26 56	11 51	3 43	4 13	28 28	17 13	4 6	
M11	14 39	23 41	4 37	5 58	4 24	10 24	1 22	22 1	1 5	22 23	0 21	19 34	1 26	14 47	0 19	4 11	1 52	26 56	11 52	3 40	4 12	28 29	17 13	4 6	
T 12	14 20	18 49	3 55	6 13	4 24	9 55	1 21	21 54	1 5	22 21	0 21	19 34	1 26	14 48	0 19	4 10	1 52	26 55	11 52	3 37	4 10	28 29	17 14	4 6	
W13	14 1	12 58	2 58	6 32	4 22	9 26	1 20	21 47	1 5	22 20	0 22	19 35	1 26	14 48	0 19	4 10	1 52	26 55	11 52	3 35	4 9	28 30	17 14	4 5	
T 14	13 42	6 36	1 52	6 54	4 18	8 57	1 19	21 39	1 6	22 18	0 22	19 35	1 26	14 49	0 19	4 10	1 52	26 54	11 52	3 33	4 8	28 30	17 14	4 5	
F 15	13 22	0 7	0 41	7 19	4 12	8 28	1 18	21 32	1 6	22 16	0 22	19 36	1 25	14 49	0 19	4 9	1 52	26 54	11 52	3 32	4 7	28 31	17 15	4 5	
S 16	13 2	6n12	0n30	7 46	4 4	7 58	1 17	21 24	1 7	22 14	0 22	19 36	1 25	14 50	0 19	4 9	1 52	26 53	11 52	3 32	4 5	28 31	17 15	4 5	
S 17	12 42	12 4	1 38	8 16	3 54	7 28	1 16	21 16	1 7	22 12	0 22	19 36	1 25	14 50	0 19	4 8	1 52	26 53	11 52	3 33	4 4	28 31	17 16	4 4	
M18	12 22	17 19	2 39	8 48	3 42	6 58	1 14	21 8	1 7	22 11	0 22	19 37	1 25	14 51	0 19	4 8	1 52	26 52	11 52	3 33	4 3	28 32	17 16	4 4	
T 19	12 2	21 45	3 32	9 21	3 29	6 28	1 13	21 0	1 8	22 9	0 22	19 37	1 25	14 51	0 18	4 8	1 52	26 51	11 52	3 34	4 2	28 32	17 16	4 4	
W20	11 42	25 13	4 14	9 55	3 14	5 58	1 12	20 52	1 8	22 7	0 23	19 38	1 24	14 52	0 18	4 7	1 52	26 51	11 53	3 34	4 0	28 33	17 17	4 4	
T 21	11 21	27 34	4 46	10 28	2 57	5 27	1 10	20 44	1 8	22 5	0 23	19 38	1 24	14 53	0 18	4 7	1 52	26 50	11 53	3 33	3 59	28 33	17 17	4 4	
F 22	11 0	28 40	5 5	11 1	2 39	4 57	1 9	20 35	1 9	22 3	0 23	19 39	1 24	14 53	0 18	4 6	1 53	26 50	11 53	3 32	3 58	28 34	17 18	4 3	
S 23	10 39	28 26	5 10	11 33	2 21	4 26	1 7	20 26	1 9	22 2	0 23	19 39	1 24	14 54	0 18	4 6	1 53	26 49	11 53	3 30	3 57	28 34	17 18	4 3	
S 24	10 18	26 51	5 3	12 2	2 2	3 55	1 5	20 18	1 9	22 0	0 23	19 40	1 24	14 54	0 18	4 5	1 53	26 49	11 53	3 28	3 55	28 34	17 19	4 3	
M25	9 56	24 1	4 41	12 30	1 42	3 24	1 4	20 9	1 10	21 58	0 23	19 40	1 23	14 55	0 18	4 5	1 53	26 48	11 53	3 26	3 54	28 35	17 19	4 3	
T 26	9 35	20 2	4 7	12 54	1 23	2 52	1 2	19 59	1 10	21 56	0 23	19 41	1 23	14 56	0 18	4 4	1 53	26 48	11 54	3 23	3 53	28 35	17 20	4 2	
W27	9 13	15 7	3 19	13 15	1 3	2 21	1 0	19 50	1 11	21 54	0 23	19 42	1 23	14 56	0 18	4 4	1 53	26 48	11 54	3 21	3 52	28 35	17 21	4 2	
T 28	8 51	9 28	2 21	13 33	0 44	1 50	0 58	19 41	1 11	21 53	0 24	19 42	1 23	14 57	0 18	4 3	1 53	26 47	11 54	3 20	3 50	28 36	17 21	4 2	
F 29	8 29	3 18	1 14	13 47	0 26	1 18	0 57	19 31	1 11	21 51	0 24	19 43	1 23	14 58	0 18	4 3	1 53	26 47	11 54	3 19	3 49	28 36	17 22	4 2	
S 30	8 7	3s 6	0 2	13 57	0 9	0 47	0 55	19 22	1 12	21 49	0 24	19 43	1 22	14 58	0 18	4 2	1 53	26 46	11 54	3 18	3 48	28 36	17 22	4 2	
S 31	7n44	9s27	1s11	14n 2	0n 8	0n15	0n53	19n12	1n12	21n47	0n24	19s44	1n22	14s59	0n18	4n 1	1s53	26n46	11n54	3n19	3n47	28n37	17s23	4n 1	

Julian Day Number = 1984615.5, Delta T = 57m34s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°55'58, Lahiri = 6°02'58 Julian Calendar 1 Aug. 721 == Greg. Calendar 5 Aug. 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

SEPTEMBER 721 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 53 6	11♍19'34	4♏57	23♌43	2♎36	9♌57	24♋34	3♐57	11♏10	14°R29	18♌13	8♈19	9♈25	27♊31	5♐22	M 1
T 2	22 57 3	12°18'25	18°47	24°30	3°50	10°34	24°45	4° 0	11°13	14♈28	18°15	8°20	9°21	27°38	5°24	T 2
W 3	23 0 59	13°17'18	2♐46	25°26	5° 4	11°12	24°56	4° 3	11°15	14°26	18°17	8°22	9°18	27°44	5°27	W 3
T 4	23 4 56	14°16'13	16°54	26°28	6°18	11°49	25° 7	4° 6	11°17	14°25	18°19	8°R22	9°15	27°51	5°29	T 4
F 5	23 8 52	15°15'09	1♑ 9	27°38	7°32	12°27	25°18	4° 9	11°20	14°24	18°21	8°21	9°12	27°58	5°32	F 5
S 6	23 12 49	16°14'08	15°29	28°53	8°46	13° 4	25°28	4°12	11°22	14°22	18°23	8°19	9° 9	28° 5	5°35	S 6
S 7	23 16 45	17°13'08	29°49	0♍14	10° 1	13°42	25°39	4°15	11°25	14°21	18°25	8°17	9° 6	28°11	5°38	S 7
M 8	23 20 42	18°12'09	14♒ 6	1°40	11°15	14°19	25°49	4°18	11°27	14°19	18°26	8°14	9° 2	28°18	5°41	M 8
T 9	23 24 39	19°11'13	28°16	3°10	12°29	14°56	25°59	4°21	11°30	14°18	18°28	8°11	8°59	28°25	5°44	T 9
W10	23 28 35	20°10'19	12♓13	4°43	13°43	15°34	26° 9	4°24	11°32	14°16	18°30	8° 9	8°56	28°31	5°47	W10
T 11	23 32 32	21° 9'26	25°54	6°19	14°57	16°11	26°20	4°28	11°35	14°15	18°32	8° 8	8°53	28°38	5°50	T 11
F 12	23 36 28	22° 8'36	9♈17	7°58	16°11	16°48	26°30	4°31	11°38	14°13	18°34	8°D 8	8°50	28°45	5°53	F 12
S 13	23 40 25	23° 7'48	22°19	9°39	17°25	17°26	26°39	4°35	11°41	14°12	18°35	8° 8	8°46	28°52	5°57	S 13
S 14	23 44 21	24° 7'02	5♉ 3	11°21	18°39	18° 3	26°49	4°39	11°43	14°10	18°37	8° 9	8°43	28°58	6° 0	S 14
M15	23 48 18	25° 6'19	17°29	13° 4	19°53	18°40	26°59	4°42	11°46	14° 9	18°39	8°10	8°40	29° 5	6° 4	M15
T 16	23 52 14	26° 5'38	29°41	14°48	21° 7	19°17	27° 8	4°46	11°49	14° 7	18°40	8°12	8°37	29°12	6° 7	T 16
W17	23 56 11	27° 4'59	11♊42	16°33	22°21	19°55	27°18	4°50	11°52	14° 6	18°42	8°12	8°34	29°18	6°11	W17
T 18	0 0 7	28° 4'23	23°36	18°18	23°35	20°32	27°27	4°54	11°55	14° 4	18°44	8°R13	8°31	29°25	6°14	T 18
F 19	0 4 4	29° 3'49	5♋29	20° 3	24°49	21° 9	27°37	4°58	11°58	14° 2	18°45	8°13	8°27	29°32	6°18	F 19
S 20	0 8 1	0♎ 3'17	17°25	21°48	26° 3	21°46	27°46	5° 2	12° 1	14° 1	18°47	8°12	8°24	29°39	6°22	S 20
S 21	0 11 57	1° 2'48	29°28	23°33	27°16	22°23	27°55	5° 6	12° 4	13°59	18°49	8°12	8°21	29°45	6°26	S 21
M22	0 15 54	2° 2'21	11♌42	25°18	28°30	23° 0	28° 4	5°11	12° 7	13°57	18°50	8°11	8°18	29°52	6°30	M22
T 23	0 19 50	3° 1'56	24°12	27° 3	29°44	23°37	28°13	5°15	12°10	13°56	18°52	8°10	8°15	29°59	6°34	T 23
W24	0 23 47	4° 1'34	6♍58	28°47	0♏58	24°14	28°21	5°20	12°13	13°54	18°53	8°10	8°12	0♋ 5	6°38	W24
T 25	0 27 43	5° 1'13	20° 4	0♎31	2°12	24°52	28°30	5°24	12°16	13°52	18°55	8° 9	8° 8	0°12	6°42	T 25
F 26	0 31 40	6° 0'55	3♎27	2°14	3°26	25°28	28°38	5°29	12°19	13°51	18°56	8°D 9	8° 5	0°19	6°47	F 26
S 27	0 35 36	7° 0'39	17° 8	3°56	4°40	26° 5	28°47	5°33	12°22	13°49	18°58	8° 9	8° 2	0°26	6°51	S 27
S 28	0 39 33	8° 0'25	1♏ 3	5°39	5°54	26°42	28°55	5°38	12°25	13°47	18°59	8°R 9	7°59	0°32	6°55	S 28
M29	0 43 30	9° 0'13	15° 9	7°20	7° 8	27°19	29° 3	5°43	12°29	13°46	19° 1	8° 9	7°56	0°39	7° 0	M29
T 30	0 47 26	10♎ 0'03	29♏23	9♎ 1	8♏21	27♌56	29♋11	5♐48	12♏32	13♈44	19♌ 2	8♈ 9	7♈52	0♋46	7♐ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n22	15s28	2s21	14n 4	0n23	0s16	0n51	19n 2	1n12	21n45	0n24	19s45	1n22	15s 0	0n18	4n 1	1s53	26n45	11n55	3n19	3n45	28n37	17s24	4n 1
T 2	6 59	20 48	3 24	14 2	0 37	0 48	0 48	18 52	1 13	21 43	0 24	19 45	1 22	15 1	0 18	4 0	1 53	26 45	11 55	3 20	3 44	28 37	17 24	4 1
W 3	6 37	25 2	4 16	13 55	0 50	1 19	0 46	18 42	1 13	21 42	0 24	19 46	1 22	15 1	0 18	4 0	1 53	26 44	11 55	3 20	3 43	28 38	17 25	4 1
T 4	6 14	27 48	4 53	13 45	1 2	1 51	0 44	18 32	1 13	21 40	0 25	19 47	1 21	15 2	0 18	3 59	1 53	26 44	11 55	3 20	3 41	28 38	17 26	4 0
F 5	5 51	28 48	5 12	13 31	1 12	2 22	0 42	18 22	1 14	21 38	0 25	19 48	1 21	15 3	0 18	3 59	1 53	26 44	11 56	3 20	3 40	28 38	17 26	4 0
S 6	5 28	27 52	5 12	13 13	1 22	2 54	0 40	18 11	1 14	21 36	0 25	19 48	1 21	15 4	0 18	3 58	1 53	26 43	11 56	3 19	3 39	28 39	17 27	4 0
S 7	5 5	25 5	4 52	12 52	1 30	3 25	0 37	18 1	1 14	21 34	0 25	19 49	1 21	15 4	0 18	3 57	1 53	26 43	11 56	3 18	3 38	28 39	17 28	4 0
M 8	4 42	20 46	4 15	12 27	1 36	3 57	0 35	17 50	1 15	21 33	0 25	19 50	1 21	15 5	0 18	3 57	1 53	26 42	11 56	3 17	3 36	28 39	17 28	4 0
T 9	4 19	15 19	3 22	12 0	1 42	4 28	0 33	17 40	1 15	21 31	0 25	19 51	1 20	15 6	0 18	3 56	1 53	26 42	11 56	3 16	3 35	28 39	17 29	3 59
W10	3 55	9 9	2 18	11 30	1 47	4 59	0 30	17 29	1 15	21 29	0 26	19 51	1 20	15 7	0 18	3 56	1 53	26 42	11 57	3 15	3 34	28 40	17 30	3 59
T 11	3 32	2 40	1 7	10 57	1 50	5 30	0 28	17 18	1 16	21 27	0 26	19 52	1 20	15 8	0 18	3 55	1 53	26 41	11 57	3 15	3 33	28 40	17 30	3 59
F 12	3 8	3n48	0n 6	10 23	1 53	6 1	0 25	17 7	1 16	21 26	0 26	19 53	1 20	15 9	0 18	3 54	1 53	26 41	11 57	3 15	3 31	28 40	17 31	3 59
S 13	2 45	9 57	1 18	9 46	1 54	6 32	0 23	16 56	1 16	21 24	0 26	19 54	1 20	15 10	0 18	3 54	1 53	26 41	11 58	3 15	3 30	28 40	17 32	3 59
S 14	2 21	15 33	2 23	9 8	1 55	7 3	0 20	16 45	1 17	21 22	0 26	19 55	1 19	15 10	0 18	3 53	1 53	26 40	11 58	3 15	3 29	28 40	17 33	3 58
M15	1 57	20 23	3 21	8 28	1 55	7 34	0 17	16 33	1 17	21 20	0 26	19 56	1 19	15 11	0 18	3 53	1 53	26 40	11 58	3 16	3 28	28 41	17 34	3 58
T 16	1 34	24 15	4 8	7 47	1 54	8 4	0 15	16 22	1 17	21 19	0 26	19 57	1 19	15 12	0 18	3 52	1 53	26 40	11 58	3 16	3 26	28 41	17 34	3 58
W17	1 10	27 1	4 43	7 5	1 53	8 34	0 12	16 10	1 18	21 17	0 27	19 57	1 19	15 13	0 18	3 51	1 53	26 40	11 59	3 17	3 25	28 41	17 35	3 58
T 18	0 46	28 33	5 6	6 22	1 51	9 4	0 9	15 59	1 18	21 15	0 27	19 58	1 19	15 14	0 18	3 51	1 53	26 39	11 59	3 17	3 24	28 41	17 36	3 58
F 19	0 23	28 45	5 16	5 38	1 49	9 34	0 7	15 47	1 18	21 14	0 27	19 59	1 19	15 15	0 18	3 50	1 53	26 39	11 59	3 17	3 23	28 41	17 37	3 57
S 20	0s 1	27 38	5 12	4 53	1 46	10 4	0 4	15 35	1 19	21 12	0 27	20 0	1 18	15 16	0 18	3 49	1 53	26 39	12 0	3 17	3 21	28 42	17 38	3 57
S 21	0 25	25 13	4 55	4 8	1 42	10 33	0 1	15 23	1 19	21 10	0 27	20 1	1 18	15 17	0 18	3 49	1 54	26 39	12 0	3 16	3 20	28 42	17 38	3 57
M22	0 49	21 37	4 24	3 23	1 38	11 3	0s 2	15 11	1 19	21 9	0 27	20 2	1 18	15 18	0 18	3 48	1 54	26 38	12 0	3 16	3 19	28 42	17 39	3 57
T 23	1 13	17 0	3 40	2 37	1 34	11 32	0 4	14 59	1 20	21 7	0 28	20 3	1 18	15 19	0 18	3 47	1 54	26 38	12 0	3 16	3 18	28 42	17 40	3 57
W24	1 37	11 33	2 44	1 51	1 29	12 0	0 7	14 47	1 20	21 5	0 28	20 4	1 18	15 20	0 18	3 47	1 54	26 38	12 1	3 15	3 16	28 42	17 41	3 57
T 25	2 0	5 28	1 39	1 5	1 24	12 29	0 10	14 35	1 20	21 4	0 28	20 5	1 18	15 21	0 18	3 46	1 54	26 38	12 1	3 15	3 15	28 42	17 42	3 56
F 26	2 24	0s59	0 26	0 19	1 19	12 57	0 13	14 23	1 20	21 2	0 28	20 6	1 17	15 22	0 18	3 45	1 54	26 38	12 1	3 15	3 14	28 42	17 43	3 56
S 27	2 48	7 32	0s50	0s27	1 14	13 25	0 16	14 10	1 21	21 1	0 28	20 7	1 17	15 23	0 18	3 45	1 54	26 37	12 2	3 15	3 12	28 42	17 44	3 56
S 28	3 12	13 51	2 4	1 13	1 8	13 52	0 19	13 58	1 21	20 59	0 29	20 8	1 17	15 24	0 18	3 44	1 54	26 37	12 2	3 15	3 11	28 42	17 44	3 56
M29	3 36	19 32	3 11	1 59	1 2	14 20	0 21	13 46	1 21	20 58	0 29	20 9	1 17	15 25	0 18	3 43	1 54	26 37	12 2	3 15	3 10	28 43	17 45	3 56
T 30	3s59	24s11	4s 7	2s44	0n56	14s46	0s24	13n33	1n22	20n56	0n29	20s10	1n17	15s26	0n18	3n43	1s54	26n37	12n 3	3n15	3n 9	28n43	17s46	3n56

Julian Day Number = 1984646.5, Delta T = 57m33s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'02, Lahiri = 6°03'03 Julian Calendar 1 Sept. 721 == Greg. Calendar 5 Sept. 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

OCTOBER 721 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 51 23	10♎59'54	13♐40	10♎41	9♏35	28♌33	29♋18	5♐53	12♏35	13°R42	19♌ 4	8°R 9	7♈49	0♋53	7♐ 9	W 1
T 2	0 55 19	11°59'48	27°58	12°21	10°49	29°10	29°26	5°58	12°38	13♈41	19° 5	8♈ 8	7°46	0°59	7°14	T 2
F 3	0 59 16	12°59'43	12♑12	14° 1	12° 3	29°47	29°34	6° 3	12°42	13°39	19° 6	8°D 8	7°43	1° 6	7°18	F 3
S 4	1 3 12	13°59'40	26°20	15°39	13°17	0♍23	29°41	6° 8	12°45	13°37	19° 8	8° 8	7°40	1°13	7°23	S 4
S 5	1 7 9	14°59'38	10♒21	17°17	14°30	1° 0	29°48	6°13	12°49	13°36	19° 9	8° 9	7°37	1°19	7°28	S 5
M 6	1 11 5	15°59'38	24°12	18°55	15°44	1°37	29°55	6°18	12°52	13°34	19°10	8°10	7°33	1°26	7°33	M 6
T 7	1 15 2	16°59'40	7♓53	20°32	16°58	2°13	0♌ 2	6°24	12°55	13°32	19°12	8°10	7°30	1°33	7°38	T 7
W 8	1 18 59	17°59'43	21°22	22° 9	18°12	2°50	0° 9	6°29	12°59	13°31	19°13	8°11	7°27	1°40	7°43	W 8
T 9	1 22 55	18°59'48	4♈38	23°45	19°25	3°27	0°16	6°34	13° 2	13°29	19°14	8°R11	7°24	1°46	7°48	T 9
F 10	1 26 52	19°59'55	17°41	25°21	20°39	4° 3	0°22	6°40	13° 6	13°27	19°15	8°11	7°21	1°53	7°53	F 10
S 11	1 30 48	21° 0'04	0♉29	26°56	21°53	4°40	0°29	6°45	13° 9	13°26	19°16	8°10	7°17	2° 0	7°58	S 11
S 12	1 34 45	22° 0'15	13° 4	28°31	23° 6	5°16	0°35	6°51	13°13	13°24	19°17	8° 9	7°14	2° 7	8° 4	S 12
M13	1 38 41	23° 0'28	25°25	0♏ 5	24°20	5°53	0°41	6°57	13°16	13°22	19°19	8° 7	7°11	2°13	8° 9	M13
T 14	1 42 38	24° 0'42	7♊34	1°39	25°33	6°29	0°47	7° 2	13°20	13°21	19°20	8° 4	7° 8	2°20	8°14	T 14
W15	1 46 34	25° 0'59	19°34	3°13	26°47	7° 6	0°53	7° 8	13°23	13°19	19°21	8° 2	7° 5	2°27	8°20	W15
T 16	1 50 31	26° 1'18	1♋29	4°46	28° 1	7°42	0°58	7°14	13°27	13°17	19°22	8° 0	7° 2	2°33	8°25	T 16
F 17	1 54 28	27° 1'39	13°21	6°19	29°14	8°19	1° 4	7°20	13°30	13°16	19°23	7°58	6°58	2°40	8°30	F 17
S 18	1 58 24	28° 2'02	25°15	7°51	0♐28	8°55	1° 9	7°26	13°34	13°14	19°24	7°D57	6°55	2°47	8°36	S 18
S 19	2 2 21	29° 2'27	7♌16	9°23	1°41	9°31	1°14	7°32	13°38	13°12	19°25	7°58	6°52	2°54	8°42	S 19
M20	2 6 17	0♏ 2'54	19°28	10°55	2°55	10° 8	1°19	7°38	13°41	13°11	19°26	7°59	6°49	3° 0	8°47	M20
T 21	2 10 14	1° 3'23	1♍57	12°27	4° 8	10°44	1°24	7°44	13°45	13° 9	19°26	8° 0	6°46	3° 7	8°53	T 21
W22	2 14 10	2° 3'53	14°46	13°58	5°22	11°20	1°28	7°50	13°49	13° 8	19°27	8° 2	6°43	3°14	8°59	W22
T 23	2 18 7	3° 4'26	27°58	15°29	6°35	11°56	1°33	7°56	13°52	13° 6	19°28	8° 3	6°39	3°20	9° 4	T 23
F 24	2 22 3	4° 5'00	11♎34	17° 0	7°48	12°32	1°37	8° 2	13°56	13° 5	19°29	8°R 3	6°36	3°27	9°10	F 24
S 25	2 26 0	5° 5'36	25°34	18°30	9° 2	13° 9	1°41	8° 9	14° 0	13° 3	19°30	8° 2	6°33	3°34	9°16	S 25
S 26	2 29 57	6° 6'13	9♏54	20° 0	10°15	13°45	1°45	8°15	14° 3	13° 1	19°30	8° 0	6°30	3°41	9°22	S 26
M27	2 33 53	7° 6'53	24°30	21°29	11°28	14°21	1°49	8°21	14° 7	13° 0	19°31	7°56	6°27	3°47	9°28	M27
T 28	2 37 50	8° 7'34	9♐13	22°59	12°42	14°57	1°52	8°28	14°11	12°58	19°32	7°52	6°23	3°54	9°34	T 28
W29	2 41 46	9° 8'16	23°58	24°27	13°55	15°33	1°55	8°34	14°14	12°57	19°32	7°47	6°20	4° 1	9°40	W29
T 30	2 45 43	10° 8'59	8♑35	25°56	15° 8	16° 9	1°59	8°41	14°18	12°56	19°33	7°43	6°17	4° 8	9°46	T 30
F 31	2 49 39	11♏ 9'44	23♑ 2	27♏24	16♐22	16♍44	2♌ 2	8♐47	14♏22	12♈54	19♌34	7♈40	6♈14	4♋14	9♐52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s23	27s22	4s48	3s30	0n50	15s13	0s27	13n20	1n22	20n55	0n29	20s11	1n17	15s27	0n18	3n42	1s54	26n37	12n 3	3n15	3n 7	28n43	17s47	3n55
T 2	4 46	28 47	5 12	4 15	0 44	15 39	0 30	13 8	1 22	20 53	0 29	20 12	1 16	15 28	0 18	3 41	1 54	26 37	12 3	3 15	3 6	28 43	17 48	3 55
F 3	5 10	28 17	5 16	4 59	0 37	16 5	0 33	12 55	1 23	20 52	0 29	20 13	1 16	15 29	0 18	3 41	1 54	26 36	12 4	3 15	3 5	28 43	17 49	3 55
S 4	5 33	25 57	5 1	5 44	0 31	16 30	0 36	12 42	1 23	20 51	0 30	20 14	1 16	15 30	0 18	3 40	1 54	26 36	12 4	3 15	3 4	28 43	17 50	3 55
S 5	5 57	22 4	4 28	6 28	0 24	16 55	0 39	12 29	1 23	20 49	0 30	20 15	1 16	15 31	0 18	3 39	1 54	26 36	12 5	3 15	3 2	28 43	17 51	3 55
M 6	6 20	17 0	3 40	7 11	0 18	17 20	0 41	12 16	1 23	20 48	0 30	20 16	1 16	15 32	0 18	3 39	1 54	26 36	12 5	3 15	3 1	28 43	17 52	3 55
T 7	6 43	11 9	2 40	7 54	0 11	17 44	0 44	12 3	1 24	20 47	0 30	20 17	1 16	15 33	0 17	3 38	1 54	26 36	12 5	3 16	3 0	28 43	17 53	3 55
W 8	7 6	4 51	1 32	8 37	0 5	18 7	0 47	11 50	1 24	20 45	0 30	20 18	1 15	15 34	0 17	3 37	1 54	26 36	12 6	3 16	2 59	28 43	17 53	3 55
T 9	7 29	1n33	0 20	9 19	0s 2	18 30	0 50	11 37	1 24	20 44	0 31	20 19	1 15	15 35	0 17	3 37	1 54	26 36	12 6	3 16	2 57	28 43	17 54	3 54
F 10	7 52	7 47	0n52	10 0	0 9	18 53	0 53	11 24	1 25	20 43	0 31	20 20	1 15	15 36	0 17	3 36	1 54	26 36	12 6	3 16	2 56	28 43	17 55	3 54
S 11	8 15	13 36	2 0	10 41	0 15	19 15	0 55	11 11	1 25	20 42	0 31	20 21	1 15	15 37	0 17	3 36	1 54	26 36	12 7	3 16	2 55	28 43	17 56	3 54
S 12	8 38	18 44	3 1	11 22	0 22	19 37	0 58	10 58	1 25	20 40	0 31	20 23	1 15	15 38	0 17	3 35	1 54	26 36	12 7	3 15	2 54	28 43	17 57	3 54
M13	9 0	23 0	3 52	12 2	0 29	19 58	1 1	10 44	1 25	20 39	0 31	20 24	1 15	15 39	0 17	3 34	1 54	26 36	12 8	3 14	2 52	28 43	17 58	3 54
T 14	9 23	26 11	4 32	12 41	0 35	20 19	1 4	10 31	1 26	20 38	0 32	20 25	1 15	15 40	0 17	3 34	1 54	26 36	12 8	3 13	2 51	28 43	17 59	3 54
W15	9 45	28 10	4 59	13 19	0 42	20 39	1 6	10 18	1 26	20 37	0 32	20 26	1 14	15 41	0 17	3 33	1 54	26 36	12 8	3 12	2 50	28 43	18 0	3 54
T 16	10 7	28 49	5 13	13 57	0 48	20 59	1 9	10 4	1 26	20 36	0 32	20 27	1 14	15 43	0 17	3 32	1 54	26 36	12 9	3 12	2 48	28 43	18 1	3 54
F 17	10 29	28 8	5 14	14 34	0 54	21 18	1 12	9 51	1 27	20 35	0 32	20 28	1 14	15 44	0 17	3 32	1 54	26 36	12 9	3 11	2 47	28 43	18 2	3 54
S 18	10 51	26 10	5 1	15 11	1 1	21 36	1 14	9 37	1 27	20 34	0 32	20 29	1 14	15 45	0 17	3 31	1 54	26 36	12 10	3 11	2 46	28 43	18 3	3 54
S 19	11 13	23 1	4 35	15 47	1 7	21 54	1 17	9 24	1 27	20 33	0 33	20 30	1 14	15 46	0 17	3 30	1 54	26 36	12 10	3 11	2 45	28 42	18 4	3 54
M20	11 34	18 49	3 56	16 22	1 13	22 11	1 19	9 10	1 27	20 32	0 33	20 31	1 14	15 47	0 17	3 30	1 54	26 36	12 10	3 11	2 43	28 42	18 5	3 53
T 21	11 55	13 44	3 6	16 56	1 19	22 28	1 22	8 57	1 28	20 31	0 33	20 32	1 14	15 48	0 17	3 29	1 53	26 36	12 11	3 12	2 42	28 42	18 6	3 53
W22	12 16	7 57	2 4	17 29	1 25	22 44	1 24	8 43	1 28	20 31	0 33	20 34	1 14	15 49	0 17	3 29	1 53	26 37	12 11	3 12	2 41	28 42	18 6	3 53
T 23	12 37	1 39	0 55	18 2	1 30	22 59	1 27	8 29	1 28	20 30	0 33	20 35	1 13	15 50	0 17	3 28	1 53	26 37	12 12	3 13	2 40	28 42	18 7	3 53
F 24	12 58	4s54	0s19	18 33	1 36	23 14	1 29	8 16	1 29	20 29	0 34	20 36	1 13	15 51	0 17	3 27	1 53	26 37	12 12	3 13	2 38	28 42	18 8	3 53
S 25	13 19	11 25	1 35	19 4	1 41	23 28	1 31	8 2	1 29	20 28	0 34	20 37	1 13	15 53	0 17	3 27	1 53	26 37	12 13	3 13	2 37	28 42	18 9	3 53
S 26	13 39	17 30	2 46	19 34	1 46	23 41	1 34	7 48	1 29	20 28	0 34	20 38	1 13	15 54	0 17	3 26	1 53	26 37	12 13	3 12	2 36	28 42	18 10	3 53
M27	13 59	22 41	3 47	20 3	1 51	23 54	1 36	7 35	1 29	20 27	0 34	20 39	1 13	15 55	0 17	3 26	1 53	26 37	12 13	3 10	2 35	28 41	18 11	3 53
T 28	14 19	26 30	4 34	20 30	1 55	24 6	1 38	7 21	1 30	20 27	0 34	20 40	1 13	15 56	0 17	3 25	1 53	26 37	12 14	3 8	2 33	28 41	18 12	3 53
W29	14 38	28 31	5 3	20 57	2 0	24 17	1 40	7 7	1 30	20 26	0 35	20 41	1 13	15 57	0 17	3 25	1 53	26 38	12 14	3 7	2 32	28 41	18 13	3 53
T 30	14 58	28 31	5 12	21 23	2 4	24 28	1 42	6 53	1 30	20 26	0 35	20 43	1 13	15 58	0 17	3 24	1 53	26 38	12 15	3 5	2 31	28 41	18 14	3 53
F 31	15s17	26s34	5s 1	21s47	2s 8	24s38	1s44	6n39	1n30	20n25	0n35	20s44	1n12	15s59	0n17	3n24	1s53	26n38	12n15	3n 4	2n29	28n41	18s15	3n53

Julian Day Number = 1984676.5, Delta T = 57m32s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'06, Lahiri = 6°03'07 Julian Calendar 1 Oct. 721 == Greg. Calendar 5 Oct. 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

NOVEMBER 721 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 53 36	12♏10'29	7♒12	28♏51	17♐35	17♍20	2♌ 4	8♐54	14♏25	12°R53	19♌34	7°D39	6♈11	4♋21	9♐58	S 1
S 2	2 57 32	13°11'16	21° 5	0♐18	18°48	17°56	2° 7	9° 0	14°29	12♈51	19°35	7♈39	6° 8	4°28	10° 4	S 2
M 3	3 1 29	14°12'03	4♓42	1°44	20° 1	18°32	2° 9	9° 7	14°33	12°50	19°35	7°40	6° 4	4°34	10°10	M 3
T 4	3 5 26	15°12'52	18° 2	3°10	21°14	19° 7	2°12	9°13	14°37	12°48	19°36	7°42	6° 1	4°41	10°16	T 4
W 5	3 9 22	16°13'41	1♈ 7	4°34	22°27	19°43	2°14	9°20	14°40	12°47	19°36	7°R43	5°58	4°48	10°22	W 5
T 6	3 13 19	17°14'32	14° 0	5°58	23°40	20°19	2°16	9°27	14°44	12°46	19°36	7°43	5°55	4°55	10°29	T 6
F 7	3 17 15	18°15'23	26°41	7°20	24°53	20°54	2°17	9°33	14°48	12°44	19°37	7°41	5°52	5° 1	10°35	F 7
S 8	3 21 12	19°16'16	9♉11	8°42	26° 6	21°30	2°19	9°40	14°51	12°43	19°37	7°37	5°49	5° 8	10°41	S 8
S 9	3 25 8	20°17'10	21°32	10° 1	27°19	22° 5	2°20	9°47	14°55	12°42	19°38	7°31	5°45	5°15	10°48	S 9
M10	3 29 5	21°18'05	3♊44	11°19	28°32	22°41	2°21	9°54	14°59	12°41	19°38	7°23	5°42	5°22	10°54	M10
T 11	3 33 1	22°19'01	15°48	12°36	29°45	23°16	2°22	10° 0	15° 3	12°39	19°38	7°15	5°39	5°28	11° 0	T 11
W12	3 36 58	23°19'59	27°46	13°49	0♋57	23°52	2°23	10° 7	15° 6	12°38	19°38	7° 5	5°36	5°35	11° 7	W12
T 13	3 40 55	24°20'58	9♋38	15° 1	2°10	24°27	2°23	10°14	15°10	12°37	19°38	6°57	5°33	5°42	11°13	T 13
F 14	3 44 51	25°21'57	21°29	16° 9	3°23	25° 2	2°24	10°21	15°14	12°36	19°39	6°50	5°29	5°48	11°19	F 14
S 15	3 48 48	26°22'58	3♌22	17°14	4°35	25°37	2°R24	10°28	15°17	12°35	19°39	6°44	5°26	5°55	11°26	S 15
S 16	3 52 44	27°24'01	15°20	18°15	5°48	26°13	2°24	10°35	15°21	12°34	19°39	6°41	5°23	6° 2	11°32	S 16
M17	3 56 41	28°25'04	27°28	19°11	7° 0	26°48	2°23	10°42	15°25	12°33	19°39	6°D40	5°20	6° 9	11°39	M17
T 18	4 0 37	29°26'08	9♍51	20° 2	8°13	27°23	2°23	10°49	15°28	12°32	19°R39	6°41	5°17	6°15	11°45	T 18
W19	4 4 34	0♐27'13	22°35	20°47	9°25	27°58	2°22	10°56	15°32	12°31	19°39	6°42	5°14	6°22	11°52	W19
T 20	4 8 30	1°28'20	5♎43	21°26	10°37	28°33	2°21	11° 3	15°35	12°30	19°39	6°R43	5°10	6°29	11°58	T 20
F 21	4 12 27	2°29'27	19°19	21°57	11°50	29° 8	2°20	11°10	15°39	12°29	19°39	6°42	5° 7	6°35	12° 5	F 21
S 22	4 16 24	3°30'36	3♏24	22°19	13° 2	29°43	2°19	11°17	15°43	12°28	19°39	6°39	5° 4	6°42	12°11	S 22
S 23	4 20 20	4°31'45	17°56	22°32	14°14	0♎17	2°17	11°24	15°46	12°27	19°38	6°34	5° 1	6°49	12°18	S 23
M24	4 24 17	5°32'55	2♐50	22°R35	15°26	0°52	2°16	11°31	15°50	12°26	19°38	6°26	4°58	6°56	12°24	M24
T 25	4 28 13	6°34'06	17°58	22°27	16°38	1°27	2°14	11°38	15°53	12°25	19°38	6°16	4°55	7° 2	12°31	T 25
W26	4 32 10	7°35'17	3♑ 8	22° 8	17°50	2° 1	2°12	11°45	15°57	12°24	19°38	6° 6	4°51	7° 9	12°37	W26
T 27	4 36 6	8°36'29	18°11	21°37	19° 2	2°36	2°10	11°52	16° 0	12°24	19°38	5°57	4°48	7°16	12°44	T 27
F 28	4 40 3	9°37'41	2♒58	20°54	20°14	3°10	2° 7	11°59	16° 4	12°23	19°37	5°50	4°45	7°23	12°50	F 28
S 29	4 44 0	10°38'53	17°23	20° 1	21°26	3°45	2° 5	12° 6	16° 7	12°22	19°37	5°45	4°42	7°29	12°57	S 29
S 30	4 47 56	11♐40'05	1♓22	18♐57	22♑37	4♎19	2♌ 2	12♐13	16♏11	12♈21	19♌37	5♈43	4♈39	7♋36	13♐ 4	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s36	22s58	4s31	22s11	2s11	24s47	1s46	6n26	1n31	20n25	0n35	20s45	1n12	16s 0	0n17	3n23	1s53	26n38	12n16	3n 3	2n28	28n40	18s16	3n53
S 2	15 54	18 8	3 47	22 33	2 15	24 55	1 48	6 12	1 31	20 24	0 36	20 46	1 12	16 1	0 17	3 23	1 53	26 39	12 16	3 3	2 27	28 40	18 17	3 53
M 3	16 13	12 29	2 50	22 54	2 17	25 3	1 50	5 58	1 31	20 24	0 36	20 47	1 12	16 3	0 17	3 22	1 53	26 39	12 16	3 4	2 26	28 40	18 17	3 53
T 4	16 31	6 22	1 45	23 13	2 20	25 10	1 51	5 44	1 31	20 24	0 36	20 48	1 12	16 4	0 17	3 21	1 53	26 39	12 17	3 4	2 24	28 40	18 18	3 53
W 5	16 49	0 6	0 36	23 32	2 22	25 16	1 53	5 30	1 32	20 23	0 36	20 49	1 12	16 5	0 17	3 21	1 53	26 39	12 17	3 5	2 23	28 40	18 19	3 53
T 6	17 6	6n 5	0n34	23 49	2 24	25 22	1 55	5 16	1 32	20 23	0 36	20 50	1 12	16 6	0 17	3 21	1 53	26 40	12 18	3 5	2 22	28 39	18 20	3 53
F 7	17 23	11 56	1 41	24 4	2 25	25 27	1 56	5 2	1 32	20 23	0 37	20 51	1 12	16 7	0 17	3 20	1 53	26 40	12 18	3 4	2 21	28 39	18 21	3 53
S 8	17 40	17 13	2 42	24 18	2 25	25 31	1 58	4 49	1 32	20 23	0 37	20 53	1 12	16 8	0 17	3 20	1 53	26 40	12 19	3 3	2 19	28 39	18 22	3 53
S 9	17 57	21 43	3 34	24 30	2 26	25 34	1 59	4 35	1 33	20 23	0 37	20 54	1 11	16 9	0 17	3 19	1 53	26 40	12 19	3 0	2 18	28 39	18 23	3 53
M10	18 13	25 14	4 16	24 41	2 25	25 36	2 0	4 21	1 33	20 23	0 37	20 55	1 11	16 10	0 17	3 19	1 53	26 41	12 20	2 57	2 17	28 38	18 23	3 53
T 11	18 29	27 35	4 46	24 51	2 24	25 38	2 2	4 7	1 33	20 23	0 38	20 56	1 11	16 11	0 17	3 18	1 53	26 41	12 20	2 54	2 16	28 38	18 24	3 53
W12	18 44	28 38	5 3	24 58	2 22	25 39	2 3	3 53	1 33	20 23	0 38	20 57	1 11	16 12	0 17	3 18	1 53	26 41	12 20	2 50	2 14	28 38	18 25	3 53
T 13	18 59	28 21	5 7	25 4	2 20	25 39	2 4	3 39	1 34	20 23	0 38	20 58	1 11	16 14	0 17	3 17	1 53	26 42	12 21	2 47	2 13	28 37	18 26	3 53
F 14	19 14	26 46	4 57	25 8	2 16	25 39	2 5	3 25	1 34	20 23	0 38	20 59	1 11	16 15	0 17	3 17	1 53	26 42	12 21	2 44	2 12	28 37	18 27	3 53
S 15	19 29	23 59	4 35	25 11	2 12	25 37	2 6	3 11	1 34	20 23	0 39	21 0	1 11	16 16	0 17	3 17	1 53	26 43	12 22	2 42	2 10	28 37	18 28	3 53
S 16	19 43	20 10	4 0	25 11	2 7	25 35	2 7	2 58	1 34	20 24	0 39	21 1	1 11	16 17	0 17	3 16	1 53	26 43	12 22	2 40	2 9	28 36	18 28	3 53
M17	19 57	15 29	3 15	25 10	2 1	25 32	2 7	2 44	1 35	20 24	0 39	21 2	1 11	16 18	0 17	3 16	1 53	26 43	12 23	2 40	2 8	28 36	18 29	3 53
T 18	20 10	10 4	2 19	25 7	1 53	25 29	2 8	2 30	1 35	20 24	0 39	21 3	1 11	16 19	0 17	3 15	1 53	26 44	12 23	2 40	2 7	28 36	18 30	3 53
W19	20 23	4 7	1 15	25 2	1 45	25 24	2 9	2 16	1 35	20 25	0 39	21 4	1 11	16 20	0 17	3 15	1 53	26 44	12 24	2 41	2 5	28 35	18 31	3 53
T 20	20 36	2s12	0 5	24 55	1 35	25 19	2 9	2 2	1 35	20 25	0 40	21 6	1 10	16 21	0 17	3 15	1 52	26 45	12 24	2 41	2 4	28 35	18 32	3 53
F 21	20 48	8 39	1s 7	24 46	1 24	25 14	2 9	1 49	1 36	20 25	0 40	21 7	1 10	16 22	0 17	3 14	1 52	26 45	12 24	2 41	2 3	28 35	18 32	3 53
S 22	21 0	14 54	2 18	24 35	1 12	25 7	2 10	1 35	1 36	20 26	0 40	21 8	1 10	16 23	0 17	3 14	1 52	26 46	12 25	2 39	2 2	28 34	18 33	3 54
S 23	21 12	20 31	3 22	24 22	0 58	25 0	2 10	1 21	1 36	20 27	0 40	21 9	1 10	16 24	0 17	3 14	1 52	26 46	12 25	2 37	2 0	28 34	18 34	3 54
M24	21 23	25 1	4 13	24 7	0 43	24 52	2 10	1 7	1 36	20 27	0 41	21 10	1 10	16 25	0 17	3 13	1 52	26 46	12 26	2 34	1 59	28 34	18 35	3 54
T 25	21 33	27 50	4 48	23 50	0 27	24 43	2 10	0 54	1 36	20 28	0 41	21 11	1 10	16 26	0 17	3 13	1 52	26 47	12 26	2 30	1 58	28 33	18 35	3 54
W26	21 44	28 37	5 3	23 31	0 9	24 33	2 10	0 40	1 37	20 28	0 41	21 12	1 10	16 27	0 17	3 13	1 52	26 47	12 27	2 27	1 57	28 33	18 36	3 54
T 27	21 54	27 15	4 57	23 11	0n10	24 23	2 10	0 26	1 37	20 29	0 41	21 13	1 10	16 28	0 17	3 13	1 52	26 48	12 27	2 23	1 55	28 32	18 37	3 54
F 28	22 3	24 1	4 30	22 48	0 29	24 12	2 10	0 13	1 37	20 30	0 42	21 14	1 10	16 29	0 17	3 12	1 52	26 48	12 27	2 20	1 54	28 32	18 38	3 54
S 29	22 12	19 20	3 47	22 25	0 49	24 1	2 9	0s 1	1 37	20 31	0 42	21 15	1 10	16 30	0 17	3 12	1 52	26 49	12 28	2 18	1 53	28 31	18 38	3 54
S 30	22s21	13s44	2s52	22s 0	1n 9	23s48	2s 9	0s14	1n38	20n32	0n42	21s16	1n10	16s31	0n17	3n12	1s52	26n49	12n28	2n17	1n51	28n31	18s39	3n54

Julian Day Number = 1984707.5, Delta T = 57m32s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'10, Lahiri = 6°03'11 Julian Calendar 1 Nov. 721 == Greg. Calendar 5 Nov. 721

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ASTRODIENST EPHEMERIS for the year 721
geocentric

DECEMBER 721 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 51 53	12♐41'17	14♓57	17°R45	23♉49	4♎53	1°R59	12♐20	16♏14	12°R21	19°R36	5°D43	4♈35	7♋43	13♐10	M 1
T 2	4 55 49	13°42'29	28°10	16♐27	25° 1	5°28	1♌55	12°27	16°18	12♈20	19♌36	5♈43	4°32	7°49	13°17	T 2
W 3	4 59 46	14°43'41	11♈ 3	15° 6	26°12	6° 2	1°52	12°34	16°21	12°19	19°35	5°R43	4°29	7°56	13°23	W 3
T 4	5 3 42	15°44'53	23°40	13°44	27°23	6°36	1°48	12°41	16°24	12°19	19°35	5°42	4°26	8° 3	13°30	T 4
F 5	5 7 39	16°46'05	6♉ 5	12°23	28°34	7°10	1°45	12°48	16°28	12°18	19°34	5°38	4°23	8°10	13°36	F 5
S 6	5 11 35	17°47'17	18°20	11° 7	29°46	7°44	1°41	12°55	16°31	12°18	19°34	5°31	4°20	8°16	13°43	S 6
S 7	5 15 32	18°48'29	0♊28	9°58	0♒57	8°18	1°37	13° 2	16°34	12°17	19°33	5°21	4°16	8°23	13°49	S 7
M 8	5 19 29	19°49'41	12°30	8°57	2° 8	8°51	1°32	13° 9	16°38	12°17	19°33	5° 8	4°13	8°30	13°56	M 8
T 9	5 23 25	20°50'53	24°27	8° 6	3°18	9°25	1°28	13°16	16°41	12°17	19°32	4°54	4°10	8°37	14° 2	T 9
W10	5 27 22	21°52'05	6♋22	7°24	4°29	9°59	1°23	13°23	16°44	12°16	19°32	4°39	4° 7	8°43	14° 9	W10
T 11	5 31 18	22°53'17	18°14	6°53	5°40	10°32	1°19	13°30	16°47	12°16	19°31	4°25	4° 4	8°50	14°15	T 11
F 12	5 35 15	23°54'29	0♌ 5	6°32	6°50	11° 6	1°14	13°37	16°50	12°16	19°30	4°13	4° 1	8°57	14°22	F 12
S 13	5 39 11	24°55'42	11°59	6°21	8° 0	11°39	1° 8	13°44	16°53	12°15	19°29	4° 4	3°57	9° 3	14°28	S 13
S 14	5 43 8	25°56'54	23°57	6°D20	9°11	12°13	1° 3	13°51	16°57	12°15	19°29	3°57	3°54	9°10	14°35	S 14
M15	5 47 4	26°58'06	6♍ 4	6°27	10°21	12°46	0°58	13°58	17° 0	12°15	19°28	3°53	3°51	9°17	14°41	M15
T 16	5 51 1	27°59'18	18°23	6°42	11°31	13°19	0°52	14° 5	17° 3	12°15	19°27	3°52	3°48	9°24	14°48	T 16
W17	5 54 58	29° 0'31	1♎ 1	7° 5	12°40	13°52	0°46	14°12	17° 6	12°15	19°26	3°51	3°45	9°30	14°54	W17
T 18	5 58 54	0♏ 1'43	14° 1	7°34	13°50	14°25	0°41	14°19	17° 9	12°15	19°25	3°51	3°41	9°37	15° 0	T 18
F 19	6 2 51	1° 2'55	27°28	8°10	15° 0	14°58	0°34	14°25	17°12	12°14	19°24	3°50	3°38	9°44	15° 7	F 19
S 20	6 6 47	2° 4'07	11♏25	8°51	16° 9	15°31	0°28	14°32	17°14	12°D14	19°24	3°46	3°35	9°51	15°13	S 20
S 21	6 10 44	3° 5'19	25°52	9°36	17°18	16° 3	0°22	14°39	17°17	12°14	19°23	3°40	3°32	9°57	15°19	S 21
M22	6 14 40	4° 6'31	10♐45	10°26	18°27	16°36	0°16	14°46	17°20	12°15	19°22	3°31	3°29	10° 4	15°26	M22
T 23	6 18 37	5° 7'43	25°58	11°20	19°36	17° 9	0° 9	14°53	17°23	12°15	19°21	3°19	3°26	10°11	15°32	T 23
W24	6 22 34	6° 8'54	11♑20	12°18	20°45	17°41	0° 2	14°59	17°26	12°15	19°20	3° 7	3°22	10°17	15°38	W24
T 25	6 26 30	7°10'04	26°39	13°18	21°54	18°13	29♋56	15° 6	17°29	12°15	19°19	2°56	3°19	10°24	15°45	T 25
F 26	6 30 27	8°11'14	11♒44	14°22	23° 2	18°45	29°49	15°13	17°31	12°15	19°18	2°47	3°16	10°31	15°51	F 26
S 27	6 34 23	9°12'22	26°26	15°28	24°10	19°17	29°42	15°19	17°34	12°15	19°17	2°40	3°13	10°38	15°57	S 27
S 28	6 38 20	10°13'30	10♓39	16°36	25°18	19°49	29°35	15°26	17°36	12°16	19°15	2°37	3°10	10°44	16° 3	S 28
M29	6 42 16	11°14'37	24°24	17°47	26°26	20°21	29°27	15°33	17°39	12°16	19°14	2°35	3° 7	10°51	16° 9	M29
T 30	6 46 13	12°15'42	7♈41	18°59	27°34	20°53	29°20	15°39	17°42	12°16	19°13	2°35	3° 3	10°58	16°15	T 30
W31	6 50 9	13♑16'47	20♈34	20♐13	28♒41	21♎25	29♋13	15♐46	17♏44	12♈17	19♌12	2♈35	3♈ 0	11♋ 4	16♐21	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s29	7s38	1s48	21s34	1n29	23s35	2s 8	0s28	1n38	20n33	0n42	21s17	1n10	16s32	0n17	3n12	1s52	26n50	12n29	2n17	1n50	28n31	18s40	3n54
T 2	22 36	1 21	0 40	21 7	1 48	23 22	2 7	0 41	1 38	20 34	0 42	21 18	1 10	16 33	0 17	3 12	1 52	26 50	12 29	2 17	1 49	28 30	18 40	3 55
W 3	22 44	4n50	0n28	20 41	2 6	23 8	2 6	0 55	1 38	20 35	0 43	21 19	1 10	16 34	0 17	3 11	1 52	26 51	12 30	2 17	1 48	28 30	18 41	3 55
T 4	22 50	10 42	1 34	20 16	2 22	22 53	2 6	1 8	1 38	20 36	0 43	21 20	1 10	16 35	0 17	3 11	1 52	26 52	12 30	2 17	1 46	28 29	18 42	3 55
F 5	22 57	16 3	2 33	19 52	2 35	22 37	2 5	1 21	1 39	20 37	0 43	21 21	1 9	16 36	0 17	3 11	1 52	26 52	12 30	2 15	1 45	28 29	18 42	3 55
S 6	23 2	20 41	3 25	19 31	2 47	22 21	2 3	1 35	1 39	20 38	0 43	21 22	1 9	16 37	0 17	3 11	1 52	26 53	12 31	2 12	1 44	28 28	18 43	3 55
S 7	23 8	24 25	4 7	19 12	2 56	22 4	2 2	1 48	1 39	20 39	0 44	21 22	1 9	16 38	0 17	3 11	1 52	26 53	12 31	2 8	1 43	28 28	18 43	3 55
M 8	23 13	27 2	4 37	18 56	3 3	21 47	2 1	2 1	1 39	20 40	0 44	21 23	1 9	16 39	0 17	3 11	1 51	26 54	12 32	2 3	1 41	28 27	18 44	3 56
T 9	23 17	28 24	4 55	18 44	3 7	21 29	1 59	2 14	1 39	20 41	0 44	21 24	1 9	16 40	0 17	3 11	1 51	26 54	12 32	1 58	1 40	28 27	18 45	3 56
W10	23 21	28 26	5 0	18 35	3 9	21 11	1 58	2 27	1 39	20 43	0 44	21 25	1 9	16 41	0 17	3 10	1 51	26 55	12 32	1 52	1 39	28 26	18 45	3 56
T 11	23 25	27 10	4 51	18 30	3 10	20 52	1 56	2 40	1 40	20 44	0 44	21 26	1 9	16 42	0 17	3 10	1 51	26 56	12 33	1 46	1 38	28 26	18 46	3 56
F 12	23 28	24 40	4 30	18 28	3 8	20 32	1 54	2 53	1 40	20 45	0 45	21 27	1 9	16 43	0 17	3 10	1 51	26 56	12 33	1 41	1 36	28 25	18 46	3 56
S 13	23 31	21 7	3 57	18 29	3 5	20 12	1 52	3 6	1 40	20 46	0 45	21 28	1 9	16 44	0 17	3 10	1 51	26 57	12 34	1 37	1 35	28 24	18 47	3 56
S 14	23 33	16 41	3 14	18 33	3 1	19 52	1 50	3 19	1 40	20 48	0 45	21 29	1 9	16 45	0 17	3 10	1 51	26 57	12 34	1 35	1 34	28 24	18 47	3 57
M15	23 34	11 32	2 21	18 39	2 56	19 30	1 48	3 32	1 40	20 49	0 45	21 30	1 9	16 45	0 17	3 10	1 51	26 58	12 34	1 33	1 32	28 23	18 48	3 57
T 16	23 35	5 52	1 21	18 48	2 49	19 9	1 46	3 45	1 41	20 51	0 46	21 30	1 9	16 46	0 17	3 10	1 51	26 59	12 35	1 33	1 31	28 23	18 49	3 57
W17	23 36	0s11	0 15	18 58	2 43	18 47	1 44	3 58	1 41	20 52	0 46	21 31	1 9	16 47	0 17	3 10	1 51	26 59	12 35	1 33	1 30	28 22	18 49	3 57
T 18	23 36	6 23	0s53	19 11	2 35	18 24	1 41	4 10	1 41	20 54	0 46	21 32	1 9	16 48	0 17	3 10	1 51	27 0	12 36	1 33	1 29	28 22	18 49	3 57
F 19	23 36	12 32	2 1	19 24	2 27	18 1	1 39	4 23	1 41	20 55	0 46	21 33	1 9	16 49	0 17	3 10	1 51	27 1	12 36	1 32	1 27	28 21	18 50	3 58
S 20	23 35	18 17	3 4	19 39	2 19	17 38	1 36	4 36	1 41	20 57	0 46	21 34	1 9	16 50	0 17	3 10	1 51	27 1	12 36	1 31	1 26	28 20	18 50	3 58
S 21	23 34	23 12	3 58	19 54	2 10	17 14	1 33	4 48	1 41	20 58	0 47	21 35	1 9	16 50	0 17	3 10	1 51	27 2	12 37	1 28	1 25	28 20	18 51	3 58
M22	23 33	26 47	4 37	20 10	2 1	16 50	1 30	5 1	1 41	21 0	0 47	21 35	1 9	16 51	0 17	3 10	1 51	27 3	12 37	1 24	1 24	28 19	18 51	3 58
T 23	23 30	28 30	4 57	20 27	1 52	16 25	1 27	5 13	1 42	21 1	0 47	21 36	1 9	16 52	0 17	3 11	1 51	27 3	12 37	1 20	1 22	28 18	18 52	3 59
W24	23 28	28 3	4 57	20 44	1 43	16 0	1 24	5 25	1 42	21 3	0 47	21 37	1 9	16 53	0 17	3 11	1 51	27 4	12 38	1 15	1 21	28 18	18 52	3 59
T 25	23 25	25 28	4 35	21 0	1 34	15 35	1 21	5 38	1 42	21 5	0 47	21 38	1 9	16 54	0 17	3 11	1 50	27 5	12 38	1 11	1 20	28 17	18 53	3 59
F 26	23 21	21 8	3 54	21 17	1 24	15 9	1 17	5 50	1 42	21 6	0 48	21 39	1 9	16 54	0 17	3 11	1 50	27 5	12 38	1 7	1 18	28 16	18 53	3 59
S 27	23 17	15 35	2 58	21 34	1 15	14 43	1 14	6 2	1 42	21 8	0 48	21 39	1 9	16 55	0 17	3 11	1 50	27 6	12 39	1 4	1 17	28 16	18 53	4 0
S 28	23 13	9 22	1 53	21 50	1 6	14 17	1 10	6 14	1 42	21 10	0 48	21 40	1 9	16 56	0 17	3 11	1 50	27 7	12 39	1 3	1 16	28 15	18 54	4 0
M29	23 8	2 54	0 43	22 6	0 57	13 50	1 7	6 26	1 42	21 11	0 48	21 41	1 9	16 57	0 17	3 11	1 50	27 7	12 39	1 2	1 15	28 14	18 54	4 0
T 30	23 2	3n29	0n27	22 21	0 48	13 23	1 3	6 38	1 42	21 13	0 48	21 41	1 9	16 57	0 17	3 12	1 50	27 8	12 40	1 2	1 13	28 14	18 54	4 0
W31	22s56	9n32	1n34	22s35	0n39	12s56	0s59	6s49	1n43	21n15	0n48	21s42	1n 9	16s58	0n17	3n12	1s50	27n 9	12n40	1n 2	1n12	28n13	18s55	4n 1

Julian Day Number = 1984737.5, Delta T = 57m31s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'15, Lahiri = 6°03'15 Julian Calendar 1 Dec. 721 == Greg. Calendar 5 Dec. 721

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ASTRODIENST EPHEMERIS for the year 722
geocentric

JANUARY 722 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 54 6	14♑17'50	3♉ 7	21♐29	29♒49	21♎56	29°R 5	15♐52	17♏47	12♈17	19°R11	2°R34	2♈57	11♋11	16♐27	T 1
F 2	6 58 3	15°18'53	15°25	22°46	0♓56	22°27	28♋58	15°59	17°49	12°17	19♌10	2♈30	2°54	11°18	16°33	F 2
S 3	7 1 59	16°19'54	27°31	24° 4	2° 2	22°59	28°50	16° 5	17°51	12°18	19° 8	2°24	2°51	11°25	16°39	S 3
S 4	7 5 56	17°20'54	9♊31	25°24	3° 9	23°30	28°42	16°12	17°54	12°18	19° 7	2°14	2°47	11°31	16°45	S 4
M 5	7 9 52	18°21'53	21°26	26°45	4°15	24° 1	28°35	16°18	17°56	12°19	19° 6	2° 2	2°44	11°38	16°51	M 5
T 6	7 13 49	19°22'51	3♋19	28° 7	5°21	24°32	28°27	16°24	17°58	12°20	19° 5	1°49	2°41	11°45	16°57	T 6
W 7	7 17 45	20°23'48	15°11	29°30	6°27	25° 2	28°19	16°30	18° 0	12°20	19° 3	1°35	2°38	11°52	17° 2	W 7
T 8	7 21 42	21°24'43	27° 5	0♑54	7°33	25°33	28°11	16°37	18° 3	12°21	19° 2	1°21	2°35	11°58	17° 8	T 8
F 9	7 25 38	22°25'38	9♌ 0	2°19	8°38	26° 3	28° 3	16°43	18° 5	12°21	19° 1	1° 9	2°32	12° 5	17°14	F 9
S 10	7 29 35	23°26'31	20°59	3°46	9°43	26°34	27°55	16°49	18° 7	12°22	18°59	1° 0	2°28	12°12	17°20	S 10
S 11	7 33 32	24°27'23	3♍ 3	5°12	10°47	27° 4	27°47	16°55	18° 9	12°23	18°58	0°53	2°25	12°18	17°25	S 11
M12	7 37 28	25°28'15	15°16	6°40	11°52	27°34	27°39	17° 1	18°11	12°24	18°57	0°50	2°22	12°25	17°31	M12
T 13	7 41 25	26°29'05	27°39	8° 9	12°56	28° 4	27°32	17° 7	18°13	12°24	18°55	0°D48	2°19	12°32	17°36	T 13
W14	7 45 21	27°29'54	10♎17	9°39	13°59	28°33	27°24	17°13	18°15	12°25	18°54	0°49	2°16	12°39	17°42	W14
T 15	7 49 18	28°30'42	23°14	11° 9	15° 3	29° 3	27°16	17°19	18°16	12°26	18°52	0°R49	2°13	12°45	17°47	T 15
F 16	7 53 14	29°31'29	6♏34	12°40	16° 6	29°32	27° 8	17°25	18°18	12°27	18°51	0°49	2° 9	12°52	17°52	F 16
S 17	7 57 11	0♒32'15	20°20	14°12	17° 8	0♏ 2	27° 0	17°31	18°20	12°28	18°50	0°47	2° 6	12°59	17°58	S 17
S 18	8 1 7	1°33'00	4♐32	15°45	18°11	0°31	26°52	17°36	18°22	12°29	18°48	0°43	2° 3	13° 5	18° 3	S 18
M19	8 5 4	2°33'44	19°11	17°19	19°13	1° 0	26°44	17°42	18°23	12°30	18°47	0°37	2° 0	13°12	18° 8	M19
T 20	8 9 1	3°34'27	4♑10	18°53	20°14	1°28	26°36	17°48	18°25	12°31	18°45	0°29	1°57	13°19	18°13	T 20
W21	8 12 57	4°35'08	19°22	20°29	21°15	1°57	26°28	17°53	18°26	12°32	18°44	0°20	1°53	13°26	18°19	W21
T 22	8 16 54	5°35'48	4♒37	22° 5	22°16	2°25	26°20	17°59	18°28	12°33	18°42	0°11	1°50	13°32	18°24	T 22
F 23	8 20 50	6°36'27	19°44	23°42	23°17	2°53	26°12	18° 4	18°29	12°34	18°41	0° 4	1°47	13°39	18°29	F 23
S 24	8 24 47	7°37'03	4♓32	25°20	24°16	3°21	26° 5	18°10	18°31	12°36	18°39	29♓59	1°44	13°46	18°34	S 24
S 25	8 28 43	8°37'38	18°56	26°58	25°16	3°49	25°57	18°15	18°32	12°37	18°38	29°56	1°41	13°53	18°38	S 25
M26	8 32 40	9°38'11	2♈51	28°38	26°15	4°17	25°49	18°20	18°33	12°38	18°36	29°D56	1°38	13°59	18°43	M26
T 27	8 36 36	10°38'42	16°18	0♒19	27°13	4°44	25°42	18°25	18°34	12°39	18°35	29°57	1°34	14° 6	18°48	T 27
W28	8 40 33	11°39'12	29°18	2° 0	28°11	5°11	25°34	18°30	18°36	12°40	18°33	29°58	1°31	14°13	18°53	W28
T 29	8 44 30	12°39'39	11♉56	3°43	29° 9	5°38	25°27	18°36	18°37	12°42	18°32	29°R58	1°28	14°19	18°57	T 29
F 30	8 48 26	13°40'04	24°15	5°26	0♈ 6	6° 5	25°20	18°41	18°38	12°43	18°30	29°58	1°25	14°26	19° 2	F 30
S 31	8 52 23	14♒40'28	6♊21	7♒10	1♈ 2	6♏31	25♋13	18♐45	18♏39	12♈44	18♌29	29♓55	1♈22	14♋33	19♐ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s50	15n 3	2n34	22s49	0n31	12s28	0s55	7s 1	1n43	21n17	0n49	21s43	1n 9	16s59	0n17	3n12	1s50	27n 9	12n40	1n 2	1n11	28n12	18s55	4n 1
F 2	22 43	19 51	3 26	23 3	0 22	12 0	0 51	7 13	1 43	21 18	0 49	21 44	1 9	16 59	0 17	3 12	1 50	27 10	12 41	1 0	1 10	28 12	18 55	4 1
S 3	22 36	23 45	4 7	23 15	0 14	11 32	0 46	7 24	1 43	21 20	0 49	21 44	1 9	17 0	0 17	3 12	1 50	27 11	12 41	0 57	1 8	28 11	18 56	4 1
S 4	22 28	26 36	4 37	23 26	0 5	11 4	0 42	7 36	1 43	21 22	0 49	21 45	1 9	17 1	0 17	3 13	1 50	27 11	12 41	0 54	1 7	28 10	18 56	4 2
M 5	22 20	28 14	4 55	23 37	0s 3	10 36	0 37	7 47	1 43	21 24	0 49	21 46	1 9	17 1	0 17	3 13	1 50	27 12	12 41	0 49	1 6	28 9	18 56	4 2
T 6	22 12	28 34	5 0	23 46	0 11	10 7	0 33	7 58	1 43	21 25	0 49	21 46	1 9	17 2	0 17	3 13	1 50	27 13	12 42	0 44	1 4	28 9	18 56	4 2
W 7	22 3	27 34	4 52	23 55	0 18	9 38	0 28	8 10	1 43	21 27	0 50	21 47	1 9	17 3	0 17	3 14	1 50	27 13	12 42	0 38	1 3	28 8	18 57	4 3
T 8	21 53	25 19	4 31	24 2	0 26	9 9	0 23	8 21	1 43	21 29	0 50	21 48	1 9	17 3	0 17	3 14	1 50	27 14	12 42	0 32	1 2	28 7	18 57	4 3
F 9	21 44	21 58	3 58	24 8	0 33	8 40	0 18	8 32	1 43	21 31	0 50	21 48	1 9	17 4	0 17	3 14	1 50	27 15	12 42	0 28	1 1	28 6	18 57	4 3
S 10	21 33	17 40	3 15	24 14	0 40	8 11	0 13	8 43	1 43	21 32	0 50	21 49	1 9	17 4	0 17	3 15	1 49	27 15	12 43	0 24	0 59	28 6	18 57	4 4
S 11	21 23	12 39	2 22	24 17	0 47	7 42	0 8	8 54	1 43	21 34	0 50	21 49	1 9	17 5	0 17	3 15	1 49	27 16	12 43	0 21	0 58	28 5	18 57	4 4
M12	21 12	7 6	1 22	24 20	0 54	7 12	0 3	9 4	1 43	21 36	0 50	21 50	1 9	17 5	0 17	3 15	1 49	27 17	12 43	0 20	0 57	28 4	18 58	4 4
T 13	21 0	1 12	0 17	24 21	1 0	6 43	0n 2	9 15	1 43	21 37	0 50	21 51	1 9	17 6	0 17	3 16	1 49	27 17	12 43	0 19	0 56	28 3	18 58	4 5
W14	20 48	4s52	0s50	24 21	1 6	6 13	0 8	9 26	1 43	21 39	0 50	21 51	1 9	17 6	0 17	3 16	1 49	27 18	12 44	0 19	0 54	28 2	18 58	4 5
T 15	20 36	10 54	1 57	24 20	1 12	5 43	0 13	9 36	1 43	21 41	0 51	21 52	1 9	17 7	0 17	3 16	1 49	27 19	12 44	0 20	0 53	28 1	18 58	4 5
F 16	20 24	16 37	2 59	24 17	1 18	5 14	0 19	9 47	1 43	21 43	0 51	21 52	1 9	17 7	0 17	3 17	1 49	27 19	12 44	0 20	0 52	28 1	18 58	4 6
S 17	20 11	21 41	3 52	24 13	1 23	4 44	0 25	9 57	1 43	21 44	0 51	21 53	1 9	17 8	0 17	3 17	1 49	27 20	12 44	0 19	0 51	28 0	18 58	4 6
S 18	19 57	25 41	4 34	24 8	1 28	4 14	0 31	10 7	1 43	21 46	0 51	21 53	1 9	17 8	0 17	3 18	1 49	27 21	12 44	0 17	0 49	27 59	18 58	4 6
M19	19 44	28 7	4 59	24 1	1 33	3 44	0 37	10 17	1 43	21 47	0 51	21 54	1 9	17 9	0 17	3 18	1 49	27 21	12 45	0 15	0 48	27 58	18 59	4 7
T 20	19 29	28 36	5 4	23 53	1 38	3 14	0 43	10 27	1 43	21 49	0 51	21 54	1 9	17 9	0 17	3 19	1 49	27 22	12 45	0 11	0 47	27 57	18 59	4 7
W21	19 15	26 57	4 48	23 43	1 42	2 45	0 49	10 37	1 43	21 51	0 51	21 55	1 9	17 10	0 17	3 19	1 49	27 23	12 45	0 8	0 45	27 56	18 59	4 8
T 22	19 0	23 19	4 12	23 31	1 46	2 15	0 55	10 47	1 43	21 52	0 51	21 55	1 9	17 10	0 17	3 20	1 49	27 23	12 45	0 4	0 44	27 55	18 59	4 8
F 23	18 45	18 8	3 18	23 18	1 49	1 45	1 1	10 57	1 43	21 54	0 51	21 56	1 9	17 10	0 17	3 20	1 49	27 24	12 45	0 2	0 43	27 55	18 59	4 8
S 24	18 30	11 57	2 12	23 4	1 52	1 15	1 8	11 6	1 43	21 55	0 52	21 56	1 9	17 11	0 17	3 20	1 49	27 25	12 45	0s 0	0 42	27 54	18 59	4 9
S 25	18 14	5 19	0 59	22 48	1 55	0 46	1 14	11 16	1 43	21 57	0 52	21 57	1 9	17 11	0 17	3 21	1 49	27 25	12 46	0 2	0 40	27 53	18 59	4 9
M26	17 58	1n23	0n16	22 30	1 58	0 16	1 21	11 25	1 43	21 58	0 52	21 57	1 9	17 12	0 17	3 22	1 49	27 26	12 46	0 2	0 39	27 52	18 59	4 10
T 27	17 41	7 47	1 27	22 11	2 0	0n14	1 28	11 34	1 43	22 0	0 52	21 58	1 9	17 12	0 17	3 22	1 49	27 27	12 46	0 1	0 38	27 51	18 59	4 10
W28	17 25	13 40	2 31	21 50	2 2	0 43	1 34	11 43	1 43	22 1	0 52	21 58	1 9	17 12	0 17	3 23	1 48	27 27	12 46	0 1	0 37	27 50	18 59	4 10
T 29	17 8	18 47	3 27	21 27	2 3	1 12	1 41	11 53	1 43	22 3	0 52	21 58	1 9	17 13	0 17	3 23	1 48	27 28	12 46	0 1	0 35	27 49	18 59	4 11
F 30	16 50	23 1	4 11	21 3	2 4	1 41	1 48	12 1	1 43	22 4	0 52	21 59	1 9	17 13	0 17	3 24	1 48	27 28	12 46	0 1	0 34	27 48	18 59	4 11
S 31	16s33	26n10	4n43	20s37	2s 5	2n10	1n55	12s10	1n43	22n 6	0n52	21s59	1n 9	17s13	0n17	3n24	1s48	27n29	12n46	0s 2	0n33	27n47	18s59	4n12

Julian Day Number = 1984768.5, Delta T = 57m30s
Ecliptic obliquity = 23°36'24, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'19, Lahiri = 6°03'19 Julian Calendar 1 Jan. 722 == Greg. Calendar 5 Jan. 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

FEBRUARY 722 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 56 19	15♒40'49	18♊18	8♒55	1♈58	6♏57	25°R 6	18♐50	18♏40	12♈46	18°R27	29°R51	1♈19	14♋40	19♐11	S 1
M 2	9 0 16	16°41'09	0♋11	10°42	2°53	7°23	24♋59	18°55	18°41	12°47	18♌26	29♓44	1°15	14°46	19°15	M 2
T 3	9 4 12	17°41'26	12° 2	12°29	3°47	7°49	24°52	19° 0	18°42	12°49	18°24	29°36	1°12	14°53	19°20	T 3
W 4	9 8 9	18°41'42	23°55	14°17	4°41	8°15	24°45	19° 5	18°42	12°50	18°22	29°28	1° 9	15° 0	19°24	W 4
T 5	9 12 5	19°41'55	5♌51	16° 6	5°34	8°40	24°38	19° 9	18°43	12°52	18°21	29°21	1° 6	15° 6	19°28	T 5
F 6	9 16 2	20°42'07	17°53	17°57	6°27	9° 5	24°32	19°14	18°44	12°53	18°19	29°14	1° 3	15°13	19°32	F 6
S 7	9 19 59	21°42'16	0♍ 1	19°48	7°18	9°30	24°25	19°18	18°44	12°55	18°18	29° 9	0°59	15°20	19°36	S 7
S 8	9 23 55	22°42'24	12°18	21°40	8° 9	9°54	24°19	19°22	18°45	12°56	18°16	29° 5	0°56	15°27	19°40	S 8
M 9	9 27 52	23°42'30	24°44	23°33	8°59	10°18	24°13	19°27	18°46	12°58	18°15	29°D 4	0°53	15°33	19°44	M 9
T 10	9 31 48	24°42'34	7♎21	25°27	9°49	10°42	24° 7	19°31	18°46	13° 0	18°13	29° 4	0°50	15°40	19°48	T 10
W11	9 35 45	25°42'36	20°11	27°22	10°37	11° 6	24° 1	19°35	18°46	13° 1	18°12	29° 5	0°47	15°47	19°52	W11
T 12	9 39 41	26°42'37	3♏16	29°18	11°25	11°29	23°55	19°39	18°47	13° 3	18°10	29° 7	0°44	15°54	19°55	T 12
F 13	9 43 38	27°42'36	16°38	1♐14	12°12	11°52	23°50	19°43	18°47	13° 5	18° 9	29° 8	0°40	16° 0	19°59	F 13
S 14	9 47 34	28°42'33	0♑20	3°11	12°57	12°15	23°44	19°47	18°47	13° 6	18° 7	29°R 9	0°37	16° 7	20° 2	S 14
S 15	9 51 31	29°42'29	14°21	5° 8	13°42	12°37	23°39	19°51	18°48	13° 8	18° 6	29° 8	0°34	16°14	20° 6	S 15
M16	9 55 28	0♓42'23	28°42	7° 6	14°26	12°59	23°34	19°55	18°48	13°10	18° 4	29° 6	0°31	16°20	20° 9	M16
T 17	9 59 24	1°42'16	13♉19	9° 4	15° 9	13°21	23°29	19°58	18°48	13°12	18° 3	29° 3	0°28	16°27	20°13	T 17
W18	10 3 21	2°42'07	28° 8	11° 1	15°51	13°43	23°24	20° 2	18°R48	13°13	18° 1	28°59	0°25	16°34	20°16	W18
T 19	10 7 17	3°41'55	13♒ 1	12°59	16°31	14° 4	23°19	20° 5	18°48	13°15	18° 0	28°55	0°21	16°41	20°19	T 19
F 20	10 11 14	4°41'42	27°50	14°55	17°10	14°24	23°15	20° 9	18°48	13°17	17°58	28°52	0°18	16°47	20°22	F 20
S 21	10 15 10	5°41'27	12♓28	16°51	17°49	14°45	23°11	20°12	18°48	13°19	17°57	28°50	0°15	16°54	20°25	S 21
S 22	10 19 7	6°41'09	26°47	18°45	18°25	15° 5	23° 6	20°15	18°48	13°21	17°55	28°D49	0°12	17° 1	20°28	S 22
M23	10 23 3	7°40'49	10♈44	20°38	19° 1	15°24	23° 2	20°19	18°47	13°23	17°54	28°50	0° 9	17° 7	20°31	M23
T 24	10 27 0	8°40'28	24°15	22°28	19°35	15°44	22°59	20°22	18°47	13°25	17°52	28°51	0° 5	17°14	20°34	T 24
W25	10 30 57	9°40'03	7♉21	24°16	20° 8	16° 2	22°55	20°25	18°47	13°27	17°51	28°52	0° 2	17°21	20°36	W25
T 26	10 34 53	10°39'37	20° 5	26° 1	20°39	16°21	22°52	20°27	18°46	13°28	17°50	28°54	29♓59	17°28	20°39	T 26
F 27	10 38 50	11°39'08	2♊29	27°42	21° 9	16°39	22°48	20°30	18°46	13°30	17°48	28°55	29°56	17°34	20°41	F 27
S 28	10 42 46	12♓38'37	14♊39	29♓20	21♈37	16♏56	22♋45	20♐33	18♏46	13♈32	17♌47	28°R55	29♓53	17♋41	20♐44	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s15	28n 6	5n 2	20s 9	2s 5	2n39	2n 2	12s19	1n42	22n 7	0n52	22s 0	1n 9	17s13	0n17	3n25	1s48	27n30	12n46	0s 4	0n31	27n46	18s59	4n12
M 2	15 57	28 45	5 8	19 40	2 4	3 8	2 9	12 28	1 42	22 8	0 52	22 0	1 9	17 14	0 17	3 26	1 48	27 30	12 47	0 6	0 30	27 45	18 58	4 12
T 3	15 38	28 3	5 1	19 9	2 4	3 36	2 16	12 36	1 42	22 10	0 52	22 0	1 9	17 14	0 17	3 26	1 48	27 31	12 47	0 9	0 29	27 44	18 58	4 13
W 4	15 20	26 5	4 41	18 36	2 2	4 4	2 24	12 45	1 42	22 11	0 52	22 1	1 9	17 14	0 17	3 27	1 48	27 31	12 47	0 13	0 28	27 43	18 58	4 13
T 5	15 1	22 57	4 9	18 2	2 1	4 32	2 31	12 53	1 42	22 12	0 52	22 1	1 9	17 14	0 17	3 27	1 48	27 32	12 47	0 16	0 26	27 42	18 58	4 14
F 6	14 42	18 49	3 25	17 26	1 58	5 0	2 38	13 1	1 42	22 13	0 52	22 1	1 9	17 14	0 17	3 28	1 48	27 32	12 47	0 19	0 25	27 41	18 58	4 14
S 7	14 22	13 54	2 31	16 48	1 56	5 27	2 46	13 9	1 41	22 15	0 52	22 2	1 9	17 15	0 17	3 29	1 48	27 33	12 47	0 21	0 24	27 40	18 58	4 15
S 8	14 3	8 23	1 30	16 9	1 52	5 55	2 53	13 17	1 41	22 16	0 52	22 2	1 9	17 15	0 17	3 29	1 48	27 34	12 47	0 22	0 23	27 39	18 58	4 15
M 9	13 43	2 28	0 24	15 28	1 48	6 21	3 1	13 25	1 41	22 17	0 52	22 2	1 9	17 15	0 17	3 30	1 48	27 34	12 47	0 23	0 21	27 38	18 58	4 16
T 10	13 23	3s37	0s45	14 45	1 44	6 48	3 9	13 33	1 41	22 18	0 52	22 3	1 9	17 15	0 17	3 31	1 48	27 35	12 47	0 22	0 20	27 37	18 57	4 16
W11	13 2	9 41	1 53	14 1	1 39	7 14	3 16	13 40	1 40	22 19	0 52	22 3	1 9	17 15	0 17	3 31	1 48	27 35	12 47	0 22	0 19	27 36	18 57	4 17
T 12	12 42	15 26	2 56	13 15	1 33	7 40	3 24	13 48	1 40	22 20	0 52	22 3	1 9	17 15	0 17	3 32	1 48	27 36	12 47	0 21	0 17	27 35	18 57	4 17
F 13	12 21	20 37	3 51	12 28	1 27	8 6	3 32	13 55	1 40	22 21	0 52	22 3	1 9	17 15	0 17	3 33	1 48	27 36	12 47	0 21	0 16	27 34	18 57	4 17
S 14	12 0	24 50	4 34	11 40	1 21	8 31	3 40	14 3	1 39	22 22	0 52	22 4	1 9	17 15	0 17	3 33	1 48	27 37	12 47	0 21	0 15	27 33	18 57	4 18
S 15	11 39	27 41	5 3	10 50	1 13	8 56	3 47	14 10	1 39	22 23	0 52	22 4	1 9	17 15	0 17	3 34	1 48	27 37	12 47	0 21	0 14	27 32	18 56	4 18
M16	11 18	28 49	5 13	9 58	1 5	9 20	3 55	14 17	1 39	22 24	0 52	22 4	1 9	17 15	0 17	3 35	1 48	27 38	12 47	0 22	0 12	27 31	18 56	4 19
T 17	10 57	27 58	5 3	9 6	0 57	9 44	4 3	14 24	1 38	22 25	0 52	22 4	1 9	17 15	0 17	3 36	1 48	27 38	12 47	0 23	0 11	27 30	18 56	4 19
W18	10 35	25 9	4 34	8 13	0 47	10 8	4 11	14 30	1 38	22 25	0 52	22 5	1 9	17 16	0 17	3 36	1 48	27 39	12 47	0 25	0 10	27 29	18 56	4 20
T 19	10 13	20 37	3 45	7 19	0 38	10 31	4 19	14 37	1 38	22 26	0 52	22 5	1 9	17 16	0 17	3 37	1 48	27 39	12 47	0 26	0 9	27 27	18 55	4 20
F 20	9 51	14 50	2 42	6 24	0 27	10 53	4 27	14 44	1 37	22 27	0 52	22 5	1 9	17 15	0 17	3 38	1 47	27 40	12 47	0 27	0 7	27 26	18 55	4 21
S 21	9 29	8 18	1 29	5 29	0 17	11 16	4 35	14 50	1 37	22 28	0 52	22 5	1 9	17 15	0 17	3 39	1 47	27 40	12 47	0 28	0 6	27 25	18 55	4 21
S 22	9 7	1 27	0 11	4 34	0 5	11 37	4 43	14 56	1 36	22 28	0 52	22 5	1 9	17 15	0 17	3 39	1 47	27 40	12 47	0 28	0 5	27 24	18 54	4 22
M23	8 45	5n16	1n 5	3 38	0n 6	11 58	4 50	15 3	1 36	22 29	0 52	22 6	1 10	17 15	0 17	3 40	1 47	27 41	12 47	0 28	0 3	27 23	18 54	4 22
T 24	8 22	11 34	2 16	2 44	0 18	12 18	4 58	15 9	1 35	22 30	0 52	22 6	1 10	17 15	0 17	3 41	1 47	27 41	12 47	0 28	0 2	27 22	18 54	4 23
W25	8 0	17 9	3 17	1 49	0 31	12 38	5 6	15 15	1 35	22 30	0 52	22 6	1 10	17 15	0 17	3 42	1 47	27 42	12 47	0 27	0 1	27 21	18 54	4 23
T 26	7 37	21 50	4 6	0 56	0 43	12 57	5 14	15 20	1 34	22 31	0 52	22 6	1 10	17 15	0 17	3 43	1 47	27 42	12 47	0 27	0s 0	27 19	18 53	4 24
F 27	7 15	25 25	4 43	0 4	0 56	13 16	5 22	15 26	1 34	22 31	0 52	22 6	1 10	17 15	0 17	3 43	1 47	27 42	12 47	0 26	0 2	27 18	18 53	4 24
S 28	6s52	27n47	5n 6	0n47	1n 9	13n34	5n29	15s32	1n33	22n32	0n52	22s 7	1n10	17s15	0n17	3n44	1s47	27n43	12n46	0s26	0s 3	27n17	18s53	4n25

Julian Day Number = 1984799.5, Delta T = 57m29s
Ecliptic obliquity = 23°36'25, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'23, Lahiri = 6°03'23 Julian Calendar 1 Feb. 722 == Greg. Calendar 5 Feb. 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

MARCH 722 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 46 43	13♓38'03	26♊38	0♈53	22♈ 4	17♏13	22°R42	20♐36	18°R45	13♈34	17°R46	28°R54	29♓50	17♋48	20♐46	S 1
M 2	10 50 39	14°37'28	8♋31	2°21	22°28	17°30	22♋40	20°38	18♏44	13°36	17♎44	28♓53	29°46	17°54	20°48	M 2
T 3	10 54 36	15°36'49	20°22	3°44	22°51	17°46	22°37	20°41	18°44	13°39	17°43	28°52	29°43	18° 1	20°51	T 3
W 4	10 58 32	16°36'09	2♎17	5° 1	23°12	18° 2	22°35	20°43	18°43	13°41	17°42	28°50	29°40	18° 8	20°53	W 4
T 5	11 2 29	17°35'26	14°17	6°12	23°31	18°17	22°33	20°45	18°42	13°43	17°40	28°48	29°37	18°15	20°55	T 5
F 6	11 6 26	18°34'41	26°25	7°18	23°49	18°32	22°31	20°47	18°42	13°45	17°39	28°46	29°34	18°21	20°57	F 6
S 7	11 10 22	19°33'53	8♍45	8°16	24° 4	18°46	22°29	20°49	18°41	13°47	17°38	28°45	29°30	18°28	20°58	S 7
S 8	11 14 19	20°33'04	21°16	9° 8	24°17	19° 0	22°27	20°51	18°40	13°49	17°36	28°45	29°27	18°35	21° 0	S 8
M 9	11 18 15	21°32'12	4♎ 0	9°53	24°28	19°13	22°26	20°53	18°39	13°51	17°35	28°D45	29°24	18°41	21° 2	M 9
T 10	11 22 12	22°31'18	16°58	10°32	24°36	19°26	22°25	20°55	18°38	13°53	17°34	28°45	29°21	18°48	21° 3	T 10
W11	11 26 8	23°30'22	0♏10	11° 3	24°43	19°38	22°24	20°57	18°37	13°55	17°33	28°46	29°18	18°55	21° 5	W11
T 12	11 30 5	24°29'25	13°34	11°27	24°47	19°50	22°23	20°58	18°36	13°57	17°32	28°46	29°15	19° 2	21° 6	T 12
F 13	11 34 1	25°28'25	27°12	11°43	24°R48	20° 1	22°22	21° 0	18°35	14° 0	17°30	28°47	29°11	19° 8	21° 7	F 13
S 14	11 37 58	26°27'24	11♐ 2	11°53	24°48	20°12	22°22	21° 1	18°34	14° 2	17°29	28°47	29° 8	19°15	21° 9	S 14
S 15	11 41 55	27°26'21	25° 3	11°R56	24°45	20°22	22°22	21° 2	18°32	14° 4	17°28	28°R47	29° 5	19°22	21°10	S 15
M16	11 45 51	28°25'17	9♑15	11°52	24°39	20°31	22°D21	21° 4	18°31	14° 6	17°27	28°D47	29° 2	19°28	21°11	M16
T 17	11 49 48	29°24'10	23°34	11°42	24°31	20°40	22°22	21° 5	18°30	14° 8	17°26	28°47	28°59	19°35	21°12	T 17
W18	11 53 44	0♈23'02	7♒59	11°26	24°21	20°48	22°22	21° 6	18°29	14°11	17°25	28°47	28°56	19°42	21°13	W18
T 19	11 57 41	1°21'52	22°24	11° 4	24° 8	20°56	22°22	21° 7	18°27	14°13	17°24	28°47	28°52	19°49	21°13	T 19
F 20	12 1 37	2°20'40	6♓45	10°37	23°52	21° 2	22°23	21° 7	18°26	14°15	17°23	28°47	28°49	19°55	21°14	F 20
S 21	12 5 34	3°19'25	20°58	10° 5	23°35	21° 9	22°24	21° 8	18°24	14°17	17°22	28°48	28°46	20° 2	21°15	S 21
S 22	12 9 30	4°18'09	4♈59	9°30	23°15	21°14	22°25	21° 9	18°23	14°19	17°21	28°R48	28°43	20° 9	21°15	S 22
M23	12 13 27	5°16'51	18°42	8°51	22°52	21°19	22°26	21° 9	18°21	14°22	17°20	28°47	28°40	20°15	21°16	M23
T 24	12 17 23	6°15'31	2♉ 7	8°10	22°28	21°23	22°28	21°10	18°20	14°24	17°19	28°47	28°36	20°22	21°16	T 24
W25	12 21 20	7°14'09	15°11	7°27	22° 1	21°27	22°29	21°10	18°18	14°26	17°18	28°46	28°33	20°29	21°16	W25
T 26	12 25 17	8°12'45	27°56	6°44	21°32	21°29	22°31	21°10	18°16	14°28	17°17	28°44	28°30	20°36	21°16	T 26
F 27	12 29 13	9°11'18	10♊23	6° 0	21° 2	21°32	22°33	21°10	18°15	14°31	17°17	28°43	28°27	20°42	21°R16	F 27
S 28	12 33 10	10° 9'50	22°34	5°18	20°30	21°33	22°35	21°R10	18°13	14°33	17°16	28°42	28°24	20°49	21°16	S 28
S 29	12 37 6	11° 8'19	4♋35	4°37	19°56	21°R33	22°38	21°10	18°11	14°35	17°15	28°42	28°21	20°56	21°16	S 29
M30	12 41 3	12° 6'46	16°30	3°58	19°21	21°33	22°40	21°10	18° 9	14°37	17°14	28°D42	28°17	21° 2	21°16	M30
T 31	12 44 59	13♈ 5'10	28♋22	3♈22	18♈45	21♏32	22♋43	21♐10	18♏ 7	14♈40	17♎13	28♓42	28♓14	21♋ 9	21♐16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s29	28n49	5n15	1n36	1n22	13n51	5n37	15s37	1n32	22n32	0n52	22s 7	1n10	17s15	0n17	3n45	1s47	27n43	12n46	0s26	0s 4	27n16	18s52	4n25
M 2	6 6	28 30	5 11	2 23	1 34	14 7	5 44	15 42	1 32	22 33	0 52	22 7	1 10	17 14	0 17	3 46	1 47	27 43	12 46	0 27	0 5	27 15	18 52	4 26
T 3	5 43	26 53	4 54	3 7	1 47	14 23	5 52	15 48	1 31	22 33	0 52	22 7	1 10	17 14	0 17	3 47	1 47	27 44	12 46	0 27	0 7	27 14	18 51	4 26
W 4	5 19	24 4	4 24	3 49	1 59	14 37	5 59	15 53	1 30	22 34	0 52	22 7	1 10	17 14	0 17	3 47	1 47	27 44	12 46	0 28	0 8	27 12	18 51	4 27
T 5	4 56	20 12	3 42	4 28	2 10	14 51	6 6	15 58	1 30	22 34	0 52	22 7	1 10	17 14	0 17	3 48	1 47	27 44	12 46	0 29	0 9	27 11	18 51	4 28
F 6	4 33	15 27	2 49	5 5	2 21	15 4	6 13	16 2	1 29	22 34	0 52	22 7	1 10	17 14	0 17	3 49	1 47	27 45	12 46	0 29	0 11	27 10	18 50	4 28
S 7	4 10	10 1	1 49	5 38	2 32	15 16	6 20	16 7	1 28	22 34	0 52	22 7	1 10	17 13	0 17	3 50	1 47	27 45	12 46	0 30	0 12	27 9	18 50	4 29
S 8	3 46	4 7	0 41	6 7	2 42	15 27	6 26	16 12	1 27	22 35	0 52	22 7	1 10	17 13	0 17	3 51	1 47	27 45	12 46	0 30	0 13	27 7	18 49	4 29
M 9	3 23	2s 3	0s29	6 33	2 50	15 37	6 33	16 16	1 26	22 35	0 52	22 8	1 10	17 13	0 17	3 52	1 47	27 46	12 45	0 30	0 14	27 6	18 49	4 30
T 10	2 59	8 14	1 39	6 56	2 58	15 46	6 39	16 21	1 25	22 35	0 52	22 8	1 10	17 13	0 17	3 52	1 47	27 46	12 45	0 30	0 16	27 5	18 49	4 30
W11	2 36	14 11	2 45	7 14	3 5	15 54	6 45	16 25	1 24	22 35	0 52	22 8	1 10	17 12	0 17	3 53	1 47	27 46	12 45	0 30	0 17	27 4	18 48	4 31
T 12	2 12	19 34	3 44	7 29	3 11	16 0	6 50	16 29	1 23	22 35	0 52	22 8	1 10	17 12	0 17	3 54	1 47	27 46	12 45	0 30	0 18	27 2	18 48	4 31
F 13	1 49	24 3	4 30	7 40	3 16	16 6	6 55	16 33	1 22	22 35	0 52	22 8	1 10	17 12	0 17	3 55	1 47	27 47	12 45	0 29	0 19	27 1	18 47	4 32
S 14	1 25	27 14	5 2	7 47	3 19	16 10	7 0	16 37	1 21	22 35	0 52	22 8	1 10	17 11	0 17	3 56	1 47	27 47	12 45	0 29	0 21	27 0	18 47	4 32
S 15	1 2	28 47	5 16	7 49	3 21	16 13	7 4	16 40	1 20	22 35	0 52	22 8	1 10	17 11	0 17	3 57	1 47	27 47	12 44	0 29	0 22	26 58	18 46	4 33
M16	0 38	28 28	5 12	7 48	3 21	16 14	7 8	16 44	1 19	22 35	0 52	22 8	1 10	17 11	0 17	3 58	1 47	27 47	12 44	0 29	0 23	26 57	18 46	4 33
T 17	0 14	26 15	4 48	7 43	3 20	16 14	7 12	16 47	1 18	22 35	0 52	22 8	1 10	17 10	0 17	3 58	1 47	27 47	12 44	0 29	0 25	26 56	18 45	4 34
W18	0n 9	22 21	4 6	7 34	3 17	16 13	7 15	16 51	1 17	22 35	0 52	22 8	1 11	17 10	0 17	3 59	1 47	27 47	12 44	0 29	0 26	26 55	18 45	4 34
T 19	0 33	17 7	3 8	7 22	3 13	16 11	7 17	16 54	1 16	22 35	0 52	22 8	1 11	17 10	0 17	4 0	1 47	27 48	12 44	0 29	0 27	26 53	18 44	4 35
F 20	0 56	10 56	1 59	7 6	3 7	16 7	7 19	16 57	1 14	22 35	0 51	22 8	1 11	17 9	0 17	4 1	1 47	27 48	12 43	0 29	0 28	26 52	18 44	4 36
S 21	1 20	4 16	0 43	6 47	3 0	16 1	7 20	17 0	1 13	22 35	0 51	22 8	1 11	17 9	0 17	4 2	1 47	27 48	12 43	0 29	0 30	26 51	18 43	4 36
S 22	1 43	2n31	0n34	6 24	2 51	15 54	7 21	17 3	1 12	22 34	0 51	22 8	1 11	17 8	0 17	4 3	1 47	27 48	12 43	0 29	0 31	26 49	18 43	4 37
M23	2 7	9 3	1 48	6 0	2 41	15 45	7 21	17 5	1 10	22 34	0 51	22 8	1 11	17 8	0 17	4 4	1 47	27 48	12 43	0 29	0 32	26 48	18 42	4 37
T 24	2 30	15 1	2 54	5 33	2 29	15 35	7 20	17 8	1 9	22 34	0 51	22 8	1 11	17 7	0 18	4 5	1 47	27 48	12 43	0 29	0 33	26 46	18 42	4 38
W25	2 53	20 9	3 50	5 4	2 17	15 24	7 19	17 10	1 7	22 33	0 51	22 8	1 11	17 7	0 18	4 5	1 47	27 48	12 42	0 30	0 35	26 45	18 41	4 38
T 26	3 17	24 15	4 32	4 34	2 3	15 11	7 17	17 12	1 6	22 33	0 51	22 8	1 11	17 7	0 18	4 6	1 47	27 48	12 42	0 30	0 36	26 44	18 41	4 39
F 27	3 40	27 7	5 0	4 3	1 48	14 56	7 13	17 14	1 4	22 33	0 51	22 8	1 11	17 6	0 18	4 7	1 47	27 48	12 42	0 31	0 37	26 42	18 40	4 39
S 28	4 3	28 38	5 14	3 32	1 33	14 40	7 10	17 16	1 3	22 32	0 51	22 8	1 11	17 6	0 18	4 8	1 47	27 48	12 42	0 31	0 39	26 41	18 40	4 40
S 29	4 26	28 46	5 15	3 1	1 16	14 23	7 5	17 18	1 1	22 32	0 51	22 8	1 11	17 5	0 18	4 9	1 47	27 48	12 41	0 31	0 40	26 40	18 39	4 40
M30	4 49	27 34	5 1	2 30	1 0	14 5	7 0	17 20	0 59	22 31	0 51	22 8	1 11	17 5	0 18	4 10	1 47	27 48	12 41	0 31	0 41	26 38	18 39	4 41
T 31	5n12	25n 7	4n35	2n 1	0n43	13n45	6n53	17s21	0n57	22n31	0n51	22s 8	1n11	17s 4	0n18	4n11	1s47	27n48	12n41	0s31	0s42	26n37	18s38	4n41

Julian Day Number = 1984827.5, Delta T = 57m29s
Ecliptic obliquity = 23°36'25, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'27, Lahiri = 6°03'27 Julian Calendar 1 March 722 == Greg. Calendar 5 March 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

APRIL 722 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 48 56	14♈ 3'33	10♌17	2°R50	18°R 8	21°R31	22♋46	21°R 9	18°R 5	14♈42	17°R13	28♓43	28♓11	21♋16	21°R15	W 1
T 2	12 52 52	15° 1'53	22°19	2♈21	17♈30	21♏29	22°49	21♐ 9	18♏ 4	14°44	17♌12	28°44	28° 8	21°23	21♐15	T 2
F 3	12 56 49	16° 0'11	4♍33	1°57	16°52	21°25	22°52	21° 8	18° 2	14°46	17°11	28°46	28° 5	21°29	21°14	F 3
S 4	13 0 46	16°58'27	17° 0	1°37	16°14	21°22	22°55	21° 8	18° 0	14°49	17°11	28°47	28° 2	21°36	21°14	S 4
S 5	13 4 42	17°56'41	29°45	1°22	15°36	21°17	22°59	21° 7	17°58	14°51	17°10	28°R47	27°58	21°43	21°13	S 5
M 6	13 8 39	18°54'54	12♎48	1°11	14°59	21°12	23° 3	21° 6	17°56	14°53	17°10	28°47	27°55	21°49	21°12	M 6
T 7	13 12 35	19°53'04	26° 9	1° 6	14°22	21° 6	23° 6	21° 5	17°53	14°55	17° 9	28°45	27°52	21°56	21°11	T 7
W 8	13 16 32	20°51'13	9♏46	1°D 5	13°46	20°59	23°11	21° 4	17°51	14°58	17° 8	28°43	27°49	22° 3	21°10	W 8
T 9	13 20 28	21°49'20	23°37	1° 9	13°11	20°51	23°15	21° 3	17°49	15° 0	17° 8	28°39	27°46	22°10	21° 9	T 9
F 10	13 24 25	22°47'25	7♐40	1°18	12°37	20°43	23°19	21° 2	17°47	15° 2	17° 7	28°36	27°42	22°16	21° 8	F 10
S 11	13 28 21	23°45'29	21°50	1°32	12° 5	20°34	23°24	21° 1	17°45	15° 4	17° 7	28°33	27°39	22°23	21° 7	S 11
S 12	13 32 18	24°43'32	6♑ 3	1°50	11°35	20°24	23°28	20°59	17°43	15° 7	17° 7	28°31	27°36	22°30	21° 6	S 12
M13	13 36 15	25°41'33	20°18	2°13	11° 6	20°13	23°33	20°58	17°40	15° 9	17° 6	28°D30	27°33	22°36	21° 4	M13
T 14	13 40 11	26°39'33	4♒30	2°40	10°39	20° 2	23°38	20°56	17°38	15°11	17° 6	28°30	27°30	22°43	21° 3	T 14
W15	13 44 8	27°37'31	18°38	3°11	10°15	19°50	23°44	20°54	17°36	15°13	17° 6	28°31	27°27	22°50	21° 1	W15
T 16	13 48 4	28°35'28	2♓40	3°46	9°53	19°37	23°49	20°53	17°34	15°16	17° 5	28°32	27°23	22°57	21° 0	T 16
F 17	13 52 1	29°33'23	16°35	4°25	9°33	19°24	23°54	20°51	17°31	15°18	17° 5	28°34	27°20	23° 3	20°58	F 17
S 18	13 55 57	0♉31'18	0♈20	5° 8	9°15	19° 9	24° 0	20°49	17°29	15°20	17° 5	28°R34	27°17	23°10	20°56	S 18
S 19	13 59 54	1°29'10	13°55	5°55	9° 0	18°55	24° 6	20°47	17°27	15°22	17° 5	28°33	27°14	23°17	20°54	S 19
M20	14 3 50	2°27'02	27°17	6°45	8°47	18°39	24°12	20°45	17°24	15°24	17° 4	28°31	27°11	23°23	20°52	M20
T 21	14 7 47	3°24'51	10♉25	7°38	8°36	18°23	24°18	20°43	17°22	15°27	17° 4	28°26	27° 7	23°30	20°50	T 21
W22	14 11 44	4°22'40	23°18	8°35	8°28	18° 7	24°24	20°40	17°20	15°29	17° 4	28°21	27° 4	23°37	20°48	W22
T 23	14 15 40	5°20'27	5♊56	9°34	8°22	17°50	24°30	20°38	17°17	15°31	17° 4	28°14	27° 1	23°43	20°46	T 23
F 24	14 19 37	6°18'12	18°19	10°37	8°19	17°32	24°37	20°35	17°15	15°33	17° 4	28° 8	26°58	23°50	20°44	F 24
S 25	14 23 33	7°15'56	0♋30	11°43	8°D18	17°14	24°44	20°33	17°12	15°35	17°D 4	28° 2	26°55	23°57	20°41	S 25
S 26	14 27 30	8°13'38	12°30	12°51	8°20	16°55	24°50	20°30	17°10	15°37	17° 4	27°58	26°52	24° 4	20°39	S 26
M27	14 31 26	9°11'18	24°24	14° 3	8°23	16°37	24°57	20°28	17° 7	15°39	17° 4	27°55	26°48	24°10	20°37	M27
T 28	14 35 23	10° 8'57	6♌15	15°17	8°29	16°17	25° 4	20°25	17° 5	15°42	17° 4	27°D53	26°45	24°17	20°34	T 28
W29	14 39 19	11° 6'34	18°10	16°33	8°37	15°58	25°12	20°22	17° 2	15°44	17° 4	27°54	26°42	24°24	20°32	W29
T 30	14 43 16	12♉ 4'10	0♍12	17♈52	8♈48	15♏38	25♋19	20♐19	17♏ 0	15♈46	17♌ 4	27♓55	26♓39	24♋30	20♐29	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n35	21n35	3n57	1n32	0n27	13n24	6n46	17s23	0n55	22n30	0n51	22s 8	1n11	17s 4	0n18	4n12	1s47	27n48	12n41	0s31	0s44	26n35	18s38	4n42
T 2	5 58	17 8	3 8	1 6	0 10	13 2	6 38	17 24	0 53	22 30	0 51	22 8	1 11	17 3	0 18	4 12	1 47	27 48	12 40	0 30	0 45	26 34	18 37	4 43
F 3	6 20	11 55	2 10	0 41	0s 6	12 39	6 30	17 25	0 52	22 29	0 51	22 7	1 11	17 2	0 18	4 13	1 47	27 48	12 40	0 30	0 46	26 32	18 36	4 43
S 4	6 43	6 9	1 5	0 19	0 22	12 16	6 20	17 26	0 49	22 29	0 51	22 7	1 11	17 2	0 18	4 14	1 47	27 48	12 40	0 29	0 47	26 31	18 36	4 44
S 5	7 5	0 1	0s 5	0s 2	0 38	11 52	6 10	17 27	0 47	22 28	0 51	22 7	1 11	17 1	0 18	4 15	1 47	27 48	12 40	0 29	0 49	26 29	18 35	4 44
M 6	7 28	6s16	1 16	0 20	0 53	11 27	5 59	17 27	0 45	22 27	0 51	22 7	1 11	17 1	0 18	4 16	1 47	27 48	12 39	0 29	0 50	26 28	18 35	4 45
T 7	7 50	12 25	2 25	0 35	1 7	11 2	5 48	17 28	0 43	22 26	0 50	22 7	1 11	17 0	0 18	4 17	1 47	27 48	12 39	0 30	0 51	26 27	18 34	4 45
W 8	8 12	18 6	3 27	0 48	1 20	10 37	5 36	17 28	0 41	22 26	0 50	22 7	1 11	17 0	0 18	4 18	1 47	27 48	12 39	0 31	0 53	26 25	18 34	4 46
T 9	8 34	22 57	4 17	0 58	1 33	10 12	5 24	17 28	0 39	22 25	0 50	22 7	1 11	16 59	0 17	4 19	1 47	27 48	12 39	0 32	0 54	26 24	18 33	4 46
F 10	8 55	26 33	4 53	1 5	1 45	9 47	5 11	17 29	0 36	22 24	0 50	22 7	1 11	16 58	0 17	4 19	1 47	27 48	12 38	0 34	0 55	26 22	18 32	4 47
S 11	9 17	28 32	5 11	1 10	1 56	9 22	4 58	17 28	0 34	22 23	0 50	22 7	1 11	16 58	0 17	4 20	1 47	27 48	12 38	0 35	0 56	26 21	18 32	4 47
S 12	9 39	28 38	5 11	1 12	2 7	8 58	4 44	17 28	0 31	22 22	0 50	22 7	1 12	16 57	0 17	4 21	1 47	27 48	12 38	0 36	0 58	26 19	18 31	4 48
M13	10 0	26 51	4 51	1 12	2 16	8 34	4 31	17 28	0 29	22 22	0 50	22 6	1 12	16 57	0 17	4 22	1 47	27 47	12 37	0 36	0 59	26 18	18 31	4 48
T 14	10 21	23 23	4 14	1 9	2 25	8 11	4 17	17 27	0 26	22 21	0 50	22 6	1 12	16 56	0 17	4 23	1 47	27 47	12 37	0 36	1 0	26 16	18 30	4 49
W15	10 42	18 32	3 21	1 4	2 33	7 48	4 3	17 26	0 24	22 20	0 50	22 6	1 12	16 55	0 17	4 24	1 47	27 47	12 37	0 36	1 1	26 15	18 29	4 49
T 16	11 3	12 43	2 17	0 56	2 40	7 26	3 48	17 26	0 21	22 19	0 50	22 6	1 12	16 55	0 17	4 25	1 47	27 47	12 37	0 35	1 3	26 13	18 29	4 50
F 17	11 24	6 20	1 5	0 46	2 46	7 5	3 34	17 24	0 18	22 18	0 50	22 6	1 12	16 54	0 17	4 25	1 47	27 47	12 36	0 35	1 4	26 11	18 28	4 50
S 18	11 44	0n17	0n10	0 34	2 52	6 45	3 20	17 23	0 15	22 17	0 50	22 6	1 12	16 53	0 17	4 26	1 47	27 47	12 36	0 34	1 5	26 10	18 28	4 51
S 19	12 4	6 48	1 23	0 20	2 56	6 26	3 6	17 22	0 13	22 16	0 50	22 6	1 12	16 53	0 17	4 27	1 47	27 46	12 36	0 35	1 7	26 8	18 27	4 51
M20	12 24	12 55	2 30	0 4	3 0	6 8	2 52	17 20	0 10	22 14	0 50	22 5	1 12	16 52	0 17	4 28	1 47	27 46	12 35	0 36	1 8	26 7	18 26	4 52
T 21	12 44	18 20	3 28	0n15	3 3	5 51	2 38	17 19	0 7	22 13	0 50	22 5	1 12	16 51	0 17	4 29	1 47	27 46	12 35	0 37	1 9	26 5	18 26	4 52
W22	13 4	22 50	4 14	0 35	3 6	5 35	2 24	17 17	0 4	22 12	0 50	22 5	1 12	16 51	0 17	4 30	1 47	27 46	12 35	0 40	1 10	26 4	18 25	4 53
T 23	13 24	26 9	4 47	0 57	3 7	5 21	2 11	17 15	0 1	22 11	0 50	22 5	1 12	16 50	0 17	4 30	1 47	27 45	12 34	0 42	1 12	26 2	18 25	4 53
F 24	13 43	28 9	5 5	1 21	3 8	5 7	1 58	17 13	0s 2	22 10	0 49	22 5	1 12	16 49	0 17	4 31	1 47	27 45	12 34	0 45	1 13	26 0	18 24	4 53
S 25	14 2	28 46	5 10	1 46	3 8	4 55	1 45	17 11	0 5	22 8	0 49	22 4	1 12	16 49	0 17	4 32	1 47	27 45	12 34	0 47	1 14	25 59	18 23	4 54
S 26	14 21	28 0	5 0	2 14	3 8	4 44	1 32	17 9	0 8	22 7	0 49	22 4	1 12	16 48	0 17	4 33	1 47	27 45	12 34	0 49	1 15	25 57	18 23	4 54
M27	14 39	25 56	4 38	2 42	3 7	4 34	1 20	17 6	0 11	22 6	0 49	22 4	1 12	16 47	0 17	4 34	1 47	27 44	12 33	0 50	1 17	25 56	18 22	4 55
T 28	14 58	22 46	4 3	3 13	3 5	4 25	1 7	17 4	0 15	22 5	0 49	22 4	1 12	16 47	0 17	4 34	1 47	27 44	12 33	0 51	1 18	25 54	18 22	4 55
W29	15 16	18 38	3 18	3 45	3 3	4 17	0 55	17 1	0 18	22 3	0 49	22 4	1 12	16 46	0 17	4 35	1 47	27 44	12 33	0 51	1 19	25 52	18 21	4 56
T 30	15n34	13n44	2n24	4n18	3s 0	4n11	0n44	16s58	0s21	22n 2	0n49	22s 3	1n12	16s45	0n17	4n36	1s47	27n43	12n32	0s50	1s20	25n51	18s20	4n56

Julian Day Number = 1984858.5, Delta T = 57m28s
Ecliptic obliquity = 23°36'25, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'31, Lahiri = 6°03'32 Julian Calendar 1 Apr. 722 == Greg. Calendar 5 Apr. 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

MAY 722 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 47 13	13♉ 1'44	12♍26	19♈14	9♈ 0	15°R18	25♋26	20°R16	16°R58	15♈48	17♌ 4	27♓56	26♓36	24♋37	20°R26	F 1
S 2	14 51 9	13°59'16	24°58	20°38	9°14	14♏58	25°34	20♐13	16♏55	15°50	17° 5	27°R57	26°33	24°44	20♐23	S 2
S 3	14 55 6	14°56'47	7♎50	22° 5	9°31	14°37	25°42	20°10	16°53	15°52	17° 5	27°56	26°29	24°51	20°21	S 3
M 4	14 59 2	15°54'17	21° 6	23°35	9°49	14°17	25°50	20° 7	16°50	15°54	17° 5	27°54	26°26	24°57	20°18	M 4
T 5	15 2 59	16°51'46	4♏44	25° 6	10° 9	13°56	25°57	20° 3	16°48	15°56	17° 5	27°50	26°23	25° 4	20°15	T 5
W 6	15 6 55	17°49'13	18°45	26°40	10°31	13°36	26° 6	20° 0	16°45	15°58	17° 6	27°44	26°20	25°11	20°12	W 6
T 7	15 10 52	18°46'39	3♐ 4	28°17	10°54	13°15	26°14	19°57	16°43	16° 0	17° 6	27°36	26°17	25°17	20° 9	T 7
F 8	15 14 48	19°44'05	17°34	29°56	11°20	12°54	26°22	19°53	16°40	16° 2	17° 6	27°28	26°13	25°24	20° 6	F 8
S 9	15 18 45	20°41'29	2♑10	1♑37	11°47	12°34	26°30	19°50	16°38	16° 4	17° 7	27°21	26°10	25°31	20° 3	S 9
S 10	15 22 42	21°38'53	16°44	3°21	12°15	12°14	26°39	19°46	16°35	16° 6	17° 7	27°15	26° 7	25°38	19°59	S 10
M11	15 26 38	22°36'16	1♒12	5° 8	12°45	11°54	26°48	19°43	16°33	16° 8	17° 8	27°11	26° 4	25°44	19°56	M11
T 12	15 30 35	23°33'38	15°28	6°56	13°16	11°34	26°56	19°39	16°30	16° 9	17° 8	27° 9	26° 1	25°51	19°53	T 12
W13	15 34 31	24°31'00	29°31	8°47	13°49	11°15	27° 5	19°35	16°28	16°11	17° 9	27°D 9	25°58	25°58	19°49	W13
T 14	15 38 28	25°28'21	13♓21	10°40	14°23	10°55	27°14	19°31	16°25	16°13	17° 9	27° 9	25°54	26° 4	19°46	T 14
F 15	15 42 24	26°25'41	26°57	12°36	14°58	10°37	27°23	19°28	16°23	16°15	17°10	27°R10	25°51	26°11	19°43	F 15
S 16	15 46 21	27°23'01	10♈20	14°34	15°35	10°18	27°33	19°24	16°20	16°17	17°10	27° 9	25°48	26°18	19°39	S 16
S 17	15 50 17	28°20'21	23°32	16°33	16°13	10° 0	27°42	19°20	16°18	16°19	17°11	27° 6	25°45	26°24	19°36	S 17
M18	15 54 14	29°17'39	6♉32	18°35	16°52	9°43	27°51	19°16	16°16	16°20	17°12	27° 1	25°42	26°31	19°32	M18
T 19	15 58 11	0♊14'57	19°20	20°39	17°32	9°26	28° 1	19°12	16°13	16°22	17°12	26°53	25°39	26°38	19°28	T 19
W20	16 2 7	1°12'15	1♊57	22°45	18°12	9°10	28°10	19° 8	16°11	16°24	17°13	26°43	25°35	26°45	19°25	W20
T 21	16 6 4	2° 9'32	14°23	24°52	18°54	8°54	28°20	19° 4	16° 8	16°26	17°14	26°31	25°32	26°51	19°21	T 21
F 22	16 10 0	3° 6'48	26°37	27° 0	19°37	8°39	28°30	19° 0	16° 6	16°27	17°15	26°19	25°29	26°58	19°18	F 22
S 23	16 13 57	4° 4'03	8♋42	29°10	20°21	8°24	28°40	18°55	16° 4	16°29	17°15	26° 8	25°26	27° 5	19°14	S 23
S 24	16 17 53	5° 1'18	20°39	1♊20	21° 6	8°11	28°50	18°51	16° 1	16°31	17°16	25°59	25°23	27°11	19°10	S 24
M25	16 21 50	5°58'32	2♌31	3°32	21°52	7°58	29° 0	18°47	15°59	16°32	17°17	25°52	25°19	27°18	19° 6	M25
T 26	16 25 47	6°55'45	14°21	5°43	22°38	7°45	29°10	18°43	15°57	16°34	17°18	25°47	25°16	27°25	19° 2	T 26
W27	16 29 43	7°52'58	26°13	7°55	23°25	7°34	29°20	18°38	15°55	16°35	17°19	25°45	25°13	27°31	18°59	W27
T 28	16 33 40	8°50'09	8♍13	10° 6	24°13	7°23	29°30	18°34	15°52	16°37	17°20	25°D44	25°10	27°38	18°55	T 28
F 29	16 37 36	9°47'20	20°26	12°17	25° 2	7°13	29°41	18°30	15°50	16°39	17°21	25°R44	25° 7	27°45	18°51	F 29
S 30	16 41 33	10°44'30	2♎56	14°28	25°51	7° 4	29°51	18°25	15°48	16°40	17°22	25°44	25° 4	27°52	18°47	S 30
S 31	16 45 29	11♊41'40	15♎50	16♊37	26♈41	6♏56	0♌ 2	18♐21	15♏46	16♈42	17♌23	25♓43	25♓ 0	27♋58	18♐43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n52	8n13	1n23	4n52	2s56	4n 6	0n33	16s55	0s24	22n 0	0n49	22s 3	1n12	16s44	0n17	4n37	1s47	27n43	12n32	0s50	1s22	25n49	18s20	4n56
S 2	16 9	2 16	0 16	5 28	2 52	4 1	0 22	16 52	0 27	21 59	0 49	22 3	1 12	16 44	0 17	4 37	1 47	27 43	12 32	0 49	1 23	25 47	18 19	4 57
S 3	16 26	3s57	0s53	6 5	2 47	3 58	0 11	16 50	0 31	21 57	0 49	22 3	1 12	16 43	0 17	4 38	1 47	27 42	12 31	0 49	1 24	25 46	18 19	4 57
M 4	16 43	10 10	2 1	6 43	2 41	3 56	0 1	16 46	0 34	21 56	0 49	22 3	1 12	16 42	0 17	4 39	1 47	27 42	12 31	0 50	1 26	25 44	18 18	4 58
T 5	16 59	16 5	3 5	7 23	2 35	3 55	0s 9	16 43	0 37	21 54	0 49	22 2	1 12	16 42	0 17	4 40	1 47	27 41	12 31	0 52	1 27	25 42	18 17	4 58
W 6	17 16	21 20	3 59	8 3	2 29	3 54	0 19	16 40	0 40	21 53	0 49	22 2	1 12	16 41	0 17	4 40	1 47	27 41	12 30	0 55	1 28	25 41	18 17	4 58
T 7	17 32	25 28	4 39	8 44	2 22	3 55	0 28	16 37	0 44	21 51	0 49	22 2	1 12	16 40	0 17	4 41	1 47	27 41	12 30	0 58	1 29	25 39	18 16	4 59
F 8	17 48	28 1	5 1	9 26	2 14	3 57	0 37	16 34	0 47	21 50	0 49	22 2	1 12	16 40	0 17	4 42	1 47	27 40	12 30	1 1	1 31	25 37	18 16	4 59
S 9	18 3	28 40	5 5	10 9	2 6	4 0	0 45	16 31	0 50	21 48	0 49	22 1	1 12	16 39	0 17	4 43	1 47	27 40	12 30	1 4	1 32	25 36	18 15	5 0
S 10	18 18	27 19	4 49	10 53	1 58	4 3	0 54	16 28	0 53	21 46	0 49	22 1	1 12	16 38	0 17	4 43	1 47	27 39	12 29	1 6	1 33	25 34	18 14	5 0
M11	18 33	24 9	4 14	11 37	1 49	4 7	1 2	16 24	0 56	21 44	0 49	22 1	1 12	16 37	0 17	4 44	1 48	27 39	12 29	1 8	1 34	25 32	18 14	5 0
T 12	18 48	19 33	3 24	12 22	1 39	4 13	1 9	16 21	1 0	21 43	0 49	22 1	1 12	16 37	0 17	4 45	1 48	27 39	12 29	1 9	1 36	25 31	18 13	5 1
W13	19 2	13 56	2 22	13 7	1 30	4 19	1 17	16 18	1 3	21 41	0 49	22 0	1 12	16 36	0 17	4 45	1 48	27 38	12 28	1 9	1 37	25 29	18 13	5 1
T 14	19 16	7 43	1 13	13 52	1 20	4 25	1 24	16 15	1 6	21 39	0 49	22 0	1 12	16 35	0 17	4 46	1 48	27 38	12 28	1 8	1 38	25 27	18 12	5 1
F 15	19 29	1 14	0 1	14 37	1 10	4 33	1 31	16 12	1 9	21 37	0 49	22 0	1 12	16 35	0 17	4 47	1 48	27 37	12 28	1 8	1 40	25 25	18 12	5 2
S 16	19 43	5n11	1n10	15 23	0 59	4 41	1 37	16 9	1 12	21 35	0 49	21 59	1 12	16 34	0 17	4 47	1 48	27 37	12 27	1 8	1 41	25 24	18 11	5 2
S 17	19 56	11 18	2 16	16 8	0 48	4 50	1 44	16 6	1 15	21 34	0 49	21 59	1 12	16 33	0 17	4 48	1 48	27 36	12 27	1 10	1 42	25 22	18 10	5 2
M18	20 8	16 50	3 14	16 53	0 37	4 59	1 50	16 3	1 18	21 32	0 48	21 59	1 12	16 33	0 17	4 49	1 48	27 36	12 27	1 12	1 43	25 20	18 10	5 3
T 19	20 21	21 32	4 1	17 37	0 27	5 9	1 55	16 1	1 21	21 30	0 48	21 59	1 12	16 32	0 17	4 49	1 48	27 35	12 27	1 15	1 45	25 18	18 9	5 3
W20	20 33	25 11	4 35	18 20	0 16	5 20	2 1	15 58	1 24	21 28	0 48	21 58	1 11	16 31	0 17	4 50	1 48	27 35	12 26	1 19	1 46	25 17	18 9	5 3
T 21	20 44	27 34	4 55	19 2	0 5	5 31	2 6	15 56	1 26	21 26	0 48	21 58	1 11	16 31	0 17	4 51	1 48	27 34	12 26	1 24	1 47	25 15	18 8	5 3
F 22	20 56	28 36	5 2	19 43	0n 6	5 43	2 11	15 53	1 29	21 24	0 48	21 58	1 11	16 30	0 17	4 51	1 48	27 34	12 26	1 28	1 48	25 13	18 8	5 4
S 23	21 7	28 13	4 55	20 23	0 17	5 55	2 16	15 51	1 32	21 22	0 48	21 57	1 11	16 29	0 17	4 52	1 48	27 33	12 25	1 33	1 50	25 11	18 7	5 4
S 24	21 17	26 32	4 35	21 1	0 27	6 8	2 20	15 49	1 34	21 20	0 48	21 57	1 11	16 29	0 17	4 52	1 48	27 33	12 25	1 36	1 51	25 9	18 6	5 4
M25	21 27	23 41	4 3	21 37	0 37	6 21	2 24	15 47	1 37	21 17	0 48	21 57	1 11	16 28	0 17	4 53	1 48	27 32	12 25	1 39	1 52	25 8	18 6	5 4
T 26	21 37	19 51	3 21	22 10	0 47	6 34	2 28	15 46	1 40	21 15	0 48	21 56	1 11	16 27	0 17	4 54	1 48	27 32	12 25	1 41	1 54	25 6	18 5	5 5
W27	21 47	15 13	2 30	22 42	0 56	6 48	2 32	15 44	1 42	21 13	0 48	21 56	1 11	16 27	0 17	4 54	1 48	27 31	12 24	1 42	1 55	25 4	18 5	5 5
T 28	21 56	9 58	1 32	23 11	1 4	7 3	2 36	15 43	1 45	21 11	0 48	21 56	1 11	16 26	0 17	4 55	1 48	27 30	12 24	1 42	1 56	25 2	18 4	5 5
F 29	22 4	4 15	0 28	23 37	1 13	7 18	2 39	15 42	1 47	21 9	0 48	21 56	1 11	16 25	0 17	4 55	1 48	27 30	12 24	1 42	1 57	25 0	18 4	5 5
S 30	22 13	1s46	0s38	24 1	1 20	7 33	2 42	15 41	1 49	21 6	0 48	21 55	1 11	16 25	0 17	4 56	1 48	27 29	12 23	1 42	1 59	24 58	18 3	5 6
S 31	22n21	7s53	1s44	24n22	1n27	7n48	2s45	15s40	1s51	21n 4	0n48	21s55	1n11	16s24	0n17	4n56	1s48	27n29	12n23	1s43	2s 0	24n57	18s 3	5n 6

Julian Day Number = 1984888.5, Delta T = 57m27s
Ecliptic obliquity = 23°36'25, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'35, Lahiri = 6°03'36 Julian Calendar 1 May 722 == Greg. Calendar 5 May 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

JUNE 722 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 49 26	12♊38'49	29♎10	18♊45	27♈32	6°R48	0♌12	18°R17	15°R44	16♈43	17♌24	25°R39	24♓57	28♋ 5	18°R39	M 1
T 2	16 53 22	13°35'58	12♏57	20°52	28°23	6♏42	0°23	18♐12	15♏42	16°44	17°25	25♓33	24°54	28°12	18♐35	T 2
W 3	16 57 19	14°33'06	27°12	22°58	29°15	6°36	0°34	18° 8	15°40	16°46	17°26	25°25	24°51	28°18	18°32	W 3
T 4	17 1 16	15°30'14	11♐49	25° 1	0♉ 8	6°31	0°45	18° 4	15°37	16°47	17°27	25°15	24°48	28°25	18°28	T 4
F 5	17 5 12	16°27'22	26°43	27° 4	1° 1	6°26	0°56	17°59	15°35	16°49	17°28	25° 4	24°45	28°32	18°24	F 5
S 6	17 9 9	17°24'30	11♑43	29° 4	1°55	6°23	1° 7	17°55	15°33	16°50	17°29	24°54	24°41	28°38	18°20	S 6
S 7	17 13 5	18°21'38	26°40	1♋ 2	2°49	6°20	1°18	17°50	15°31	16°51	17°31	24°45	24°38	28°45	18°16	S 7
M 8	17 17 2	19°18'46	11♒26	2°59	3°44	6°19	1°29	17°46	15°30	16°52	17°32	24°39	24°35	28°52	18°12	M 8
T 9	17 20 58	20°15'54	25°55	4°53	4°39	6°18	1°40	17°42	15°28	16°54	17°33	24°36	24°32	28°59	18° 8	T 9
W10	17 24 55	21°13'02	10♓ 5	6°46	5°35	6°D18	1°52	17°37	15°26	16°55	17°34	24°34	24°29	29° 5	18° 4	W10
T 11	17 28 51	22°10'11	23°53	8°36	6°31	6°19	2° 3	17°33	15°24	16°56	17°36	24°34	24°25	29°12	18° 0	T 11
F 12	17 32 48	23° 7'20	7♈21	10°25	7°28	6°20	2°14	17°28	15°22	16°57	17°37	24°34	24°22	29°19	17°56	F 12
S 13	17 36 45	24° 4'29	20°32	12°11	8°25	6°22	2°26	17°24	15°20	16°58	17°38	24°32	24°19	29°25	17°52	S 13
S 14	17 40 41	25° 1'39	3♉28	13°55	9°23	6°26	2°37	17°20	15°19	16°59	17°40	24°29	24°16	29°32	17°49	S 14
M15	17 44 38	25°58'49	16°10	15°38	10°21	6°30	2°49	17°15	15°17	17° 1	17°41	24°22	24°13	29°39	17°45	M15
T 16	17 48 34	26°55'59	28°42	17°18	11°19	6°35	3° 1	17°11	15°15	17° 2	17°42	24°13	24°10	29°45	17°41	T 16
W17	17 52 31	27°53'10	11♊ 3	18°56	12°18	6°40	3°12	17° 7	15°14	17° 3	17°44	24° 1	24° 6	29°52	17°37	W17
T 18	17 56 27	28°50'21	23°16	20°32	13°17	6°47	3°24	17° 2	15°12	17° 4	17°45	23°48	24° 3	29°59	17°33	T 18
F 19	18 0 24	29°47'33	5♋20	22° 6	14°16	6°54	3°36	16°58	15°11	17° 5	17°47	23°34	24° 0	0♌ 6	17°30	F 19
S 20	18 4 20	0♋44'45	17°18	23°38	15°16	7° 2	3°48	16°54	15° 9	17° 5	17°48	23°21	23°57	0°12	17°26	S 20
S 21	18 8 17	1°41'57	29°11	25° 8	16°16	7°10	4° 0	16°50	15° 8	17° 6	17°50	23°10	23°54	0°19	17°22	S 21
M22	18 12 14	2°39'09	11♌ 0	26°36	17°16	7°20	4°12	16°46	15° 6	17° 7	17°51	23° 1	23°51	0°26	17°18	M22
T 23	18 16 10	3°36'21	22°49	28° 2	18°17	7°30	4°24	16°41	15° 5	17° 8	17°53	22°55	23°47	0°32	17°15	T 23
W24	18 20 7	4°33'34	4♍40	29°25	19°18	7°41	4°36	16°37	15° 4	17° 9	17°54	22°52	23°44	0°39	17°11	W24
T 25	18 24 3	5°30'47	16°39	0♌47	20°20	7°52	4°48	16°33	15° 2	17°10	17°56	22°51	23°41	0°46	17° 7	T 25
F 26	18 28 0	6°28'00	28°50	2° 6	21°21	8° 5	5° 0	16°29	15° 1	17°10	17°58	22°D51	23°38	0°52	17° 4	F 26
S 27	18 31 56	7°25'13	11♎18	3°23	22°23	8°18	5°13	16°25	15° 0	17°11	17°59	22°R51	23°35	0°59	17° 0	S 27
S 28	18 35 53	8°22'27	24° 9	4°37	23°25	8°32	5°25	16°21	14°59	17°12	18° 1	22°50	23°31	1° 6	16°57	S 28
M29	18 39 49	9°19'41	7♏26	5°49	24°28	8°46	5°37	16°18	14°58	17°12	18° 2	22°47	23°28	1°13	16°53	M29
T 30	18 43 46	10♋16'55	21♏13	6♌59	25♉31	9♏ 1	5♌50	16♐14	14♏56	17♈13	18♌ 4	22♓42	23♓25	1♌19	16♐50	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n28	13s51	2s47	24n40	1n33	8n 4	2s48	15s40	1s54	21n 2	0n48	21s55	1n11	16s24	0n17	4n57	1s48	27n28	12n23	1s44	2s 1	24n55	18s 2	5n 6
T 2	22 35	19 22	3 42	24 56	1 39	8 20	2 50	15 40	1 56	21 0	0 48	21 54	1 11	16 23	0 17	4 57	1 49	27 27	12 23	1 47	2 2	24 53	18 2	5 6
W 3	22 42	23 58	4 25	25 8	1 43	8 36	2 52	15 40	1 58	20 57	0 48	21 54	1 11	16 22	0 17	4 58	1 49	27 27	12 22	1 50	2 4	24 51	18 1	5 6
T 4	22 49	27 11	4 52	25 18	1 47	8 53	2 54	15 40	2 0	20 55	0 48	21 54	1 11	16 22	0 17	4 58	1 49	27 26	12 22	1 54	2 5	24 49	18 1	5 6
F 5	22 55	28 34	5 0	25 25	1 51	9 9	2 56	15 40	2 2	20 52	0 48	21 53	1 11	16 21	0 17	4 59	1 49	27 26	12 22	1 58	2 6	24 47	18 0	5 7
S 6	23 0	27 52	4 48	25 29	1 53	9 26	2 58	15 41	2 4	20 50	0 48	21 53	1 10	16 21	0 17	4 59	1 49	27 25	12 22	2 3	2 7	24 45	18 0	5 7
S 7	23 6	25 9	4 16	25 31	1 55	9 43	3 0	15 42	2 6	20 47	0 48	21 53	1 10	16 20	0 17	5 0	1 49	27 24	12 21	2 6	2 9	24 43	17 59	5 7
M 8	23 10	20 47	3 27	25 31	1 56	10 1	3 1	15 43	2 7	20 45	0 48	21 52	1 10	16 20	0 17	5 0	1 49	27 24	12 21	2 8	2 10	24 41	17 59	5 7
T 9	23 15	15 14	2 25	25 28	1 57	10 18	3 2	15 44	2 9	20 42	0 48	21 52	1 10	16 19	0 17	5 0	1 49	27 23	12 21	2 10	2 11	24 40	17 59	5 7
W10	23 19	9 1	1 16	25 22	1 56	10 36	3 3	15 46	2 11	20 40	0 48	21 52	1 10	16 18	0 17	5 1	1 49	27 23	12 21	2 10	2 13	24 38	17 58	5 7
T 11	23 22	2 30	0 4	25 15	1 56	10 53	3 4	15 48	2 12	20 37	0 48	21 51	1 10	16 18	0 17	5 1	1 49	27 22	12 20	2 10	2 14	24 36	17 58	5 7
F 12	23 26	3n58	1n 7	25 5	1 54	11 11	3 5	15 50	2 14	20 35	0 48	21 51	1 10	16 17	0 17	5 2	1 49	27 21	12 20	2 10	2 15	24 34	17 57	5 7
S 13	23 28	10 7	2 13	24 54	1 52	11 29	3 6	15 52	2 15	20 32	0 48	21 51	1 10	16 17	0 17	5 2	1 49	27 21	12 20	2 11	2 16	24 32	17 57	5 7
S 14	23 31	15 44	3 10	24 41	1 49	11 47	3 6	15 54	2 17	20 29	0 48	21 50	1 10	16 16	0 17	5 2	1 49	27 20	12 20	2 13	2 18	24 30	17 56	5 7
M15	23 33	20 34	3 57	24 26	1 46	12 5	3 6	15 57	2 18	20 27	0 48	21 50	1 10	16 16	0 17	5 3	1 49	27 19	12 19	2 15	2 19	24 28	17 56	5 8
T 16	23 34	24 25	4 31	24 10	1 42	12 23	3 6	16 0	2 20	20 24	0 48	21 50	1 10	16 15	0 17	5 3	1 49	27 19	12 19	2 19	2 20	24 26	17 56	5 8
W17	23 35	27 5	4 52	23 52	1 37	12 40	3 6	16 3	2 21	20 21	0 48	21 49	1 9	16 15	0 17	5 3	1 49	27 18	12 19	2 24	2 21	24 24	17 55	5 8
T 18	23 36	28 25	5 0	23 33	1 32	12 58	3 6	16 6	2 22	20 19	0 48	21 49	1 9	16 15	0 17	5 4	1 49	27 17	12 19	2 29	2 23	24 22	17 55	5 8
F 19	23 36	28 23	4 54	23 12	1 27	13 16	3 6	16 10	2 23	20 16	0 48	21 49	1 9	16 14	0 17	5 4	1 49	27 17	12 19	2 34	2 24	24 20	17 54	5 8
S 20	23 36	27 1	4 34	22 51	1 21	13 34	3 6	16 14	2 25	20 13	0 48	21 49	1 9	16 14	0 17	5 4	1 50	27 16	12 18	2 39	2 25	24 18	17 54	5 8
S 21	23 36	24 26	4 3	22 28	1 14	13 52	3 5	16 18	2 26	20 10	0 48	21 48	1 9	16 13	0 17	5 5	1 50	27 15	12 18	2 44	2 26	24 16	17 54	5 8
M22	23 35	20 49	3 22	22 5	1 7	14 10	3 4	16 22	2 27	20 7	0 48	21 48	1 9	16 13	0 17	5 5	1 50	27 15	12 18	2 47	2 28	24 14	17 53	5 8
T 23	23 33	16 24	2 32	21 40	1 0	14 27	3 4	16 26	2 28	20 4	0 48	21 48	1 9	16 13	0 17	5 5	1 50	27 14	12 18	2 50	2 29	24 12	17 53	5 8
W24	23 32	11 20	1 35	21 15	0 52	14 45	3 3	16 31	2 29	20 1	0 48	21 47	1 9	16 12	0 17	5 5	1 50	27 13	12 18	2 51	2 30	24 10	17 53	5 8
T 25	23 29	5 48	0 33	20 50	0 43	15 2	3 2	16 35	2 30	19 58	0 48	21 47	1 9	16 12	0 17	5 6	1 50	27 13	12 17	2 51	2 32	24 8	17 53	5 8
F 26	23 27	0s 1	0s32	20 24	0 35	15 19	3 0	16 40	2 31	19 56	0 48	21 47	1 8	16 11	0 17	5 6	1 50	27 12	12 17	2 51	2 33	24 6	17 52	5 8
S 27	23 24	5 59	1 36	19 57	0 25	15 36	2 59	16 45	2 32	19 53	0 48	21 47	1 8	16 11	0 16	5 6	1 50	27 11	12 17	2 51	2 34	24 4	17 52	5 8
S 28	23 20	11 52	2 38	19 30	0 16	15 53	2 58	16 51	2 32	19 50	0 48	21 46	1 8	16 11	0 16	5 6	1 50	27 10	12 17	2 52	2 35	24 2	17 52	5 7
M29	23 17	17 27	3 33	19 3	0 6	16 10	2 56	16 56	2 33	19 47	0 48	21 46	1 8	16 11	0 16	5 7	1 50	27 10	12 17	2 53	2 37	24 0	17 51	5 7
T 30	23n12	22s20	4s18	18n35	0s 4	16n27	2s55	17s 2	2s34	19n43	0n48	21s46	1n 8	16s10	0n16	5n 7	1s50	27n 9	12n17	2s55	2s38	23n58	17s51	5n 7

Julian Day Number = 1984919.5, Delta T = 57m26s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'39, Lahiri = 6°03'40 Julian Calendar 1 June 722 == Greg. Calendar 5 June 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

JULY 722 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 47 43	11♋14'10	5♐29	8♌ 6	26♉34	9♏17	6♌ 2	16°R10	14°R55	17♈14	18♌ 6	22°R35	23♓22	1♌26	16°R47	W 1
T 2	18 51 39	12°11'26	20°12	9°10	27°37	9°33	6°15	16♐ 6	14♏54	17°14	18° 8	22♓26	23°19	1°33	16♐43	T 2
F 3	18 55 36	13° 8'42	5♑15	10°12	28°40	9°50	6°27	16° 2	14°54	17°15	18° 9	22°16	23°16	1°39	16°40	F 3
S 4	18 59 32	14° 5'59	20°28	11°11	29°44	10° 7	6°40	15°59	14°53	17°15	18°11	22° 6	23°12	1°46	16°37	S 4
S 5	19 3 29	15° 3'16	5♒42	12° 7	0♊48	10°25	6°52	15°55	14°52	17°16	18°13	21°58	23° 9	1°53	16°34	S 5
M 6	19 7 25	16° 0'35	20°46	13° 0	1°52	10°44	7° 5	15°52	14°51	17°16	18°15	21°53	23° 6	1°59	16°30	M 6
T 7	19 11 22	16°57'54	5♓30	13°50	2°56	11° 3	7°17	15°48	14°50	17°16	18°16	21°50	23° 3	2° 6	16°27	T 7
W 8	19 15 19	17°55'15	19°52	14°36	4° 1	11°23	7°30	15°45	14°50	17°17	18°18	21°D49	23° 0	2°13	16°24	W 8
T 9	19 19 15	18°52'36	3♈47	15°19	5° 6	11°43	7°43	15°42	14°49	17°17	18°20	21°49	22°57	2°19	16°21	T 9
F 10	19 23 12	19°49'59	17°18	15°58	6°11	12° 4	7°55	15°38	14°48	17°17	18°22	21°R50	22°53	2°26	16°18	F 10
S 11	19 27 8	20°47'24	0♉27	16°33	7°16	12°25	8° 8	15°35	14°48	17°18	18°24	21°49	22°50	2°33	16°16	S 11
S 12	19 31 5	21°44'49	13°16	17° 4	8°22	12°47	8°21	15°32	14°47	17°18	18°25	21°47	22°47	2°40	16°13	S 12
M13	19 35 1	22°42'16	25°49	17°31	9°27	13°10	8°34	15°29	14°47	17°18	18°27	21°42	22°44	2°46	16°10	M13
T 14	19 38 58	23°39'44	8♊ 9	17°54	10°33	13°33	8°47	15°26	14°46	17°18	18°29	21°36	22°41	2°53	16° 7	T 14
W15	19 42 54	24°37'14	20°19	18°12	11°39	13°56	8°59	15°23	14°46	17°18	18°31	21°27	22°37	3° 0	16° 5	W15
T 16	19 46 51	25°34'45	2♋21	18°25	12°45	14°20	9°12	15°20	14°46	17°18	18°33	21°17	22°34	3° 6	16° 2	T 16
F 17	19 50 48	26°32'17	14°18	18°33	13°52	14°44	9°25	15°17	14°46	17°18	18°35	21° 6	22°31	3°13	16° 0	F 17
S 18	19 54 44	27°29'50	26°10	18°R37	14°58	15° 9	9°38	15°15	14°45	17°R18	18°37	20°56	22°28	3°20	15°57	S 18
S 19	19 58 41	28°27'24	8♌ 0	18°34	16° 5	15°34	9°51	15°12	14°45	17°18	18°39	20°48	22°25	3°26	15°55	S 19
M20	20 2 37	29°25'00	19°49	18°27	17°12	16° 0	10° 4	15°10	14°45	17°18	18°41	20°41	22°22	3°33	15°53	M20
T 21	20 6 34	0♌22'36	1♍40	18°13	18°19	16°26	10°17	15° 7	14°D45	17°18	18°43	20°37	22°18	3°40	15°50	T 21
W22	20 10 30	1°20'14	13°34	17°55	19°26	16°53	10°30	15° 5	14°45	17°18	18°45	20°35	22°15	3°46	15°48	W22
T 23	20 14 27	2°17'53	25°36	17°31	20°33	17°20	10°43	15° 2	14°45	17°18	18°47	20°D35	22°12	3°53	15°46	T 23
F 24	20 18 23	3°15'33	7♎49	17° 1	21°41	17°47	10°56	15° 0	14°45	17°18	18°49	20°36	22° 9	4° 0	15°44	F 24
S 25	20 22 20	4°13'14	20°18	16°27	22°49	18°15	11° 9	14°58	14°46	17°18	18°51	20°37	22° 6	4° 7	15°42	S 25
S 26	20 26 17	5°10'57	3♏ 6	15°47	23°56	18°43	11°22	14°56	14°46	17°17	18°53	20°R38	22° 3	4°13	15°40	S 26
M27	20 30 13	6° 8'40	16°19	15° 4	25° 4	19°12	11°35	14°54	14°46	17°17	18°55	20°37	21°59	4°20	15°39	M27
T 28	20 34 10	7° 6'25	29°58	14°17	26°12	19°41	11°48	14°52	14°46	17°17	18°57	20°35	21°56	4°27	15°37	T 28
W29	20 38 6	8° 4'11	14♐ 6	13°27	27°21	20°10	12° 1	14°50	14°47	17°17	18°59	20°31	21°53	4°33	15°35	W29
T 30	20 42 3	9° 1'58	28°41	12°35	28°29	20°40	12°14	14°49	14°47	17°16	19° 1	20°26	21°50	4°40	15°34	T 30
F 31	20 45 59	9♌59'47	13♑38	11♌42	29♊37	21♏10	12♌27	14♐47	14♏48	17♈16	19♌ 3	20♓20	21♓47	4♌47	15♐32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 8	26s 6	4s49	18n 8	0s15	16n43	2s53	17s 8	2s35	19n40	0n48	21s45	1n 8	16s10	0n16	5n 7	1s50	27n 8	12n16	2s58	2s39	23n56	17s51	5n 7
T 2	23 3	28 16	5 2	17 40	0 26	16 59	2 51	17 13	2 35	19 37	0 48	21 45	1 8	16 10	0 16	5 7	1 50	27 8	12 16	3 2	2 40	23 54	17 51	5 7
F 3	22 57	28 25	4 55	17 13	0 37	17 15	2 49	17 20	2 36	19 34	0 48	21 45	1 8	16 9	0 16	5 7	1 50	27 7	12 16	3 5	2 42	23 52	17 50	5 7
S 4	22 51	26 25	4 26	16 46	0 48	17 31	2 47	17 26	2 37	19 31	0 48	21 45	1 7	16 9	0 16	5 7	1 50	27 6	12 16	3 9	2 43	23 50	17 50	5 7
S 5	22 45	22 31	3 39	16 19	1 0	17 46	2 45	17 32	2 37	19 28	0 48	21 44	1 7	16 9	0 16	5 7	1 51	27 6	12 16	3 12	2 44	23 48	17 50	5 7
M 6	22 38	17 9	2 37	15 53	1 12	18 1	2 43	17 39	2 38	19 25	0 48	21 44	1 7	16 9	0 16	5 8	1 51	27 5	12 16	3 15	2 45	23 45	17 50	5 7
T 7	22 31	10 53	1 26	15 27	1 24	18 16	2 41	17 45	2 38	19 21	0 48	21 44	1 7	16 9	0 16	5 8	1 51	27 4	12 16	3 16	2 47	23 43	17 50	5 7
W 8	22 24	4 12	0 10	15 2	1 36	18 30	2 39	17 52	2 39	19 18	0 48	21 44	1 7	16 8	0 16	5 8	1 51	27 3	12 16	3 16	2 48	23 41	17 49	5 7
T 9	22 16	2n29	1n 3	14 38	1 49	18 44	2 36	17 59	2 39	19 15	0 48	21 44	1 7	16 8	0 16	5 8	1 51	27 3	12 15	3 16	2 49	23 39	17 49	5 6
F 10	22 8	8 52	2 12	14 14	2 1	18 58	2 34	18 6	2 40	19 12	0 48	21 43	1 7	16 8	0 16	5 8	1 51	27 2	12 15	3 16	2 50	23 37	17 49	5 6
S 11	21 59	14 41	3 11	13 52	2 14	19 11	2 31	18 13	2 40	19 8	0 48	21 43	1 6	16 8	0 16	5 8	1 51	27 1	12 15	3 16	2 52	23 35	17 49	5 6
S 12	21 50	19 43	3 59	13 30	2 26	19 24	2 29	18 20	2 40	19 5	0 49	21 43	1 6	16 8	0 16	5 8	1 51	27 1	12 15	3 17	2 53	23 33	17 49	5 6
M13	21 41	23 47	4 34	13 10	2 39	19 37	2 26	18 27	2 41	19 2	0 49	21 43	1 6	16 8	0 16	5 8	1 51	27 0	12 15	3 19	2 54	23 31	17 49	5 6
T 14	21 31	26 41	4 56	12 52	2 51	19 49	2 23	18 34	2 41	18 58	0 49	21 43	1 6	16 8	0 16	5 8	1 51	26 59	12 15	3 21	2 56	23 29	17 49	5 6
W15	21 21	28 19	5 5	12 34	3 3	20 1	2 20	18 42	2 41	18 55	0 49	21 42	1 6	16 7	0 16	5 8	1 51	26 59	12 15	3 25	2 57	23 26	17 49	5 5
T 16	21 10	28 34	4 59	12 19	3 15	20 13	2 17	18 49	2 42	18 52	0 49	21 42	1 6	16 7	0 16	5 8	1 51	26 58	12 15	3 29	2 58	23 24	17 49	5 5
F 17	21 0	27 29	4 40	12 5	3 27	20 24	2 15	18 57	2 42	18 48	0 49	21 42	1 6	16 7	0 16	5 8	1 51	26 57	12 15	3 33	2 59	23 22	17 48	5 5
S 18	20 48	25 9	4 10	11 54	3 38	20 34	2 12	19 5	2 42	18 45	0 49	21 42	1 5	16 7	0 16	5 8	1 51	26 56	12 15	3 37	3 1	23 20	17 48	5 5
S 19	20 37	21 45	3 28	11 44	3 49	20 45	2 9	19 12	2 42	18 41	0 49	21 42	1 5	16 7	0 16	5 8	1 51	26 56	12 15	3 40	3 2	23 18	17 48	5 5
M20	20 25	17 28	2 38	11 37	3 59	20 54	2 5	19 20	2 43	18 38	0 49	21 42	1 5	16 7	0 16	5 8	1 51	26 55	12 15	3 43	3 3	23 16	17 48	5 4
T 21	20 13	12 31	1 40	11 32	4 8	21 4	2 2	19 28	2 43	18 34	0 49	21 42	1 5	16 7	0 16	5 8	1 52	26 54	12 15	3 45	3 4	23 13	17 48	5 4
W22	20 0	7 5	0 38	11 30	4 17	21 12	1 59	19 36	2 43	18 31	0 49	21 42	1 5	16 7	0 16	5 7	1 52	26 54	12 14	3 45	3 6	23 11	17 48	5 4
T 23	19 47	1 21	0s27	11 30	4 24	21 20	1 56	19 44	2 43	18 27	0 49	21 41	1 5	16 7	0 16	5 7	1 52	26 53	12 14	3 45	3 7	23 9	17 48	5 4
F 24	19 34	4s32	1 32	11 33	4 30	21 28	1 53	19 52	2 43	18 24	0 49	21 41	1 4	16 7	0 16	5 7	1 52	26 52	12 14	3 45	3 8	23 7	17 48	5 4
S 25	19 20	10 21	2 34	11 38	4 35	21 35	1 49	20 0	2 43	18 20	0 49	21 41	1 4	16 8	0 16	5 7	1 52	26 52	12 14	3 45	3 9	23 5	17 48	5 3
S 26	19 6	15 55	3 30	11 47	4 39	21 42	1 46	20 8	2 43	18 17	0 49	21 41	1 4	16 8	0 16	5 7	1 52	26 51	12 14	3 44	3 11	23 3	17 48	5 3
M27	18 52	20 55	4 16	11 58	4 41	21 48	1 43	20 16	2 43	18 13	0 49	21 41	1 4	16 8	0 16	5 7	1 52	26 50	12 14	3 44	3 12	23 0	17 49	5 3
T 28	18 37	25 0	4 50	12 11	4 41	21 54	1 39	20 24	2 43	18 9	0 49	21 41	1 4	16 8	0 16	5 7	1 52	26 50	12 14	3 45	3 13	22 58	17 49	5 3
W29	18 23	27 45	5 8	12 27	4 39	21 59	1 36	20 32	2 43	18 6	0 49	21 41	1 4	16 8	0 16	5 6	1 52	26 49	12 14	3 47	3 14	22 56	17 49	5 2
T 30	18 7	28 42	5 6	12 45	4 35	22 4	1 32	20 40	2 43	18 2	0 49	21 41	1 3	16 8	0 16	5 6	1 52	26 48	12 14	3 49	3 16	22 54	17 49	5 2
F 31	17n52	27s37	4s45	13n 5	4s30	22n 8	1s29	20s48	2s43	17n59	0n49	21s41	1n 3	16s 8	0n16	5n 6	1s52	26n48	12n14	3s51	3s17	22n51	17s49	5n 2

Julian Day Number = 1984949.5, Delta T = 57m26s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'44, Lahiri = 6°03'44 Julian Calendar 1 July 722 == Greg. Calendar 5 July 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

AUGUST 722 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 49 56	10♌57'36	28♏50	10°R48	0♋46	21♏40	12♌40	14°R46	14♏48	17°R15	19♌ 5	20°R15	21♓43	4♌53	15°R31	S 1
S 2	20 53 52	11°55'28	14♒ 6	9♌56	1°55	22°11	12°53	14♐44	14°49	17♈15	19° 7	20♓10	21°40	5° 0	15♐30	S 2
M 3	20 57 49	12°53'20	29°16	9° 6	3° 4	22°42	13° 6	14°43	14°49	17°14	19° 9	20° 7	21°37	5° 7	15°28	M 3
T 4	21 1 46	13°51'15	14♓11	8°19	4°13	23°13	13°19	14°42	14°50	17°14	19°11	20°D 5	21°34	5°13	15°27	T 4
W 5	21 5 42	14°49'11	28°44	7°36	5°22	23°45	13°33	14°40	14°51	17°13	19°13	20° 5	21°31	5°20	15°26	W 5
T 6	21 9 39	15°47'09	12♈50	6°58	6°31	24°17	13°46	14°39	14°52	17°13	19°15	20° 7	21°28	5°27	15°25	T 6
F 7	21 13 35	16°45'09	26°29	6°27	7°41	24°49	13°59	14°38	14°52	17°12	19°17	20° 8	21°24	5°33	15°24	F 7
S 8	21 17 32	17°43'11	9♉43	6° 2	8°50	25°22	14°12	14°38	14°53	17°11	19°19	20° 9	21°21	5°40	15°23	S 8
S 9	21 21 28	18°41'15	22°33	5°45	10° 0	25°55	14°25	14°37	14°54	17°11	19°21	20°R 9	21°18	5°47	15°23	S 9
M10	21 25 25	19°39'21	5♊ 4	5°36	11°10	26°28	14°38	14°36	14°55	17°10	19°23	20° 8	21°15	5°54	15°22	M10
T 11	21 29 21	20°37'29	17°20	5°D35	12°20	27° 1	14°51	14°36	14°56	17° 9	19°25	20° 6	21°12	6° 0	15°22	T 11
W12	21 33 18	21°35'40	29°24	5°43	13°30	27°35	15° 4	14°35	14°57	17° 9	19°27	20° 2	21° 9	6° 7	15°21	W12
T 13	21 37 15	22°33'52	11♋20	5°59	14°40	28° 9	15°17	14°35	14°59	17° 8	19°29	19°58	21° 5	6°14	15°21	T 13
F 14	21 41 11	23°32'06	23°12	6°24	15°50	28°43	15°30	14°34	15° 0	17° 7	19°31	19°53	21° 2	6°20	15°20	F 14
S 15	21 45 8	24°30'22	5♌ 2	6°58	17° 0	29°18	15°43	14°34	15° 1	17° 6	19°33	19°49	20°59	6°27	15°20	S 15
S 16	21 49 4	25°28'40	16°52	7°40	18°11	29°53	15°56	14°D34	15° 2	17° 5	19°35	19°45	20°56	6°34	15°20	S 16
M17	21 53 1	26°27'00	28°44	8°29	19°21	0♐28	16° 9	14°34	15° 4	17° 4	19°37	19°42	20°53	6°40	15°D20	M17
T 18	21 56 57	27°25'21	10♍41	9°27	20°32	1° 3	16°22	14°34	15° 5	17° 3	19°39	19°41	20°49	6°47	15°20	T 18
W19	22 0 54	28°23'45	22°44	10°31	21°43	1°39	16°35	14°34	15° 6	17° 2	19°41	19°D41	20°46	6°54	15°20	W19
T 20	22 4 50	29°22'10	4♎55	11°42	22°54	2°14	16°48	14°35	15° 8	17° 1	19°43	19°41	20°43	7° 0	15°20	T 20
F 21	22 8 47	0♍20'37	17°17	13° 0	24° 5	2°50	17° 1	14°35	15° 9	17° 0	19°46	19°43	20°40	7° 7	15°20	F 21
S 22	22 12 44	1°19'05	29°53	14°23	25°16	3°27	17°14	14°36	15°11	16°59	19°48	19°44	20°37	7°14	15°21	S 22
S 23	22 16 40	2°17'36	12♏46	15°51	26°27	4° 3	17°26	14°36	15°13	16°58	19°50	19°45	20°34	7°20	15°21	S 23
M24	22 20 37	3°16'08	25°58	17°23	27°38	4°40	17°39	14°37	15°14	16°57	19°52	19°46	20°30	7°27	15°22	M24
T 25	22 24 33	4°14'42	9♐32	19° 0	28°50	5°17	17°52	14°38	15°16	16°56	19°54	19°R46	20°27	7°34	15°22	T 25
W26	22 28 30	5°13'18	23°29	20°39	0♌ 1	5°54	18° 5	14°39	15°18	16°55	19°56	19°46	20°24	7°40	15°23	W26
T 27	22 32 26	6°11'55	7♑49	22°22	1°13	6°31	18°18	14°40	15°20	16°54	19°58	19°44	20°21	7°47	15°24	T 27
F 28	22 36 23	7°10'34	22°29	24° 6	2°24	7° 9	18°30	14°41	15°22	16°53	20° 0	19°43	20°18	7°54	15°25	F 28
S 29	22 40 19	8° 9'15	7♒23	25°53	3°36	7°46	18°43	14°42	15°24	16°51	20° 2	19°41	20°15	8° 1	15°26	S 29
S 30	22 44 16	9° 7'57	22°25	27°40	4°48	8°24	18°56	14°43	15°25	16°50	20° 3	19°40	20°11	8° 7	15°27	S 30
M31	22 48 13	10♍ 6'42	7♓27	29♌29	6♌ 0	9♐ 2	19♌ 8	14♐44	15♏27	16♈49	20♌ 5	19♓40	20♓ 8	8♌14	15♐28	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17n36	24s30	4s 3	13n26	4s22	22n11	1s25	20s56	2s43	17n55	0n50	21s41	1n 3	16s 8	0n16	5n 6	1s52	26n47	12n14	3s53	3s18	22n49	17s49	5n 2	S 1
S 2	17 20	19 38	3 3	13 49	4 13	22 14	1 22	21 4	2 43	17 51	0 50	21 41	1 3	16 9	0 16	5 5	1 52	26 46	12 14	3 55	3 20	22 47	17 49	5 1	S 2
M 3	17 4	13 32	1 51	14 13	4 2	22 16	1 18	21 12	2 43	17 48	0 50	21 41	1 3	16 9	0 16	5 5	1 52	26 46	12 14	3 57	3 21	22 45	17 49	5 1	M 3
T 4	16 47	6 45	0 32	14 38	3 49	22 18	1 15	21 20	2 43	17 44	0 50	21 41	1 3	16 9	0 16	5 5	1 52	26 45	12 14	3 57	3 22	22 42	17 49	5 1	T 4
W 5	16 30	0n13	0n47	15 2	3 35	22 19	1 11	21 28	2 43	17 40	0 50	21 41	1 2	16 9	0 16	5 5	1 52	26 44	12 14	3 57	3 23	22 40	17 50	5 0	W 5
T 6	16 13	6 58	2 1	15 27	3 19	22 19	1 8	21 36	2 42	17 36	0 50	21 41	1 2	16 10	0 16	5 4	1 53	26 44	12 14	3 57	3 25	22 38	17 50	5 0	T 6
F 7	15 55	13 10	3 6	15 50	3 3	22 19	1 4	21 44	2 42	17 33	0 50	21 41	1 2	16 10	0 16	5 4	1 53	26 43	12 15	3 56	3 26	22 36	17 50	5 0	F 7
S 8	15 38	18 35	3 58	16 13	2 45	22 18	1 0	21 51	2 42	17 29	0 50	21 41	1 2	16 10	0 16	5 4	1 53	26 42	12 15	3 56	3 27	22 33	17 50	5 0	S 8
S 9	15 20	23 0	4 37	16 35	2 27	22 17	0 57	21 59	2 42	17 25	0 50	21 41	1 2	16 10	0 16	5 4	1 53	26 42	12 15	3 56	3 28	22 31	17 50	4 59	S 9
M10	15 2	26 14	5 2	16 55	2 9	22 15	0 53	22 7	2 42	17 21	0 50	21 42	1 2	16 11	0 15	5 3	1 53	26 41	12 15	3 56	3 30	22 29	17 51	4 59	M10
T 11	14 43	28 11	5 12	17 13	1 51	22 12	0 50	22 15	2 41	17 18	0 50	21 42	1 1	16 11	0 15	5 3	1 53	26 41	12 15	3 57	3 31	22 26	17 51	4 59	T 11
W12	14 24	28 45	5 9	17 29	1 32	22 9	0 46	22 22	2 41	17 14	0 50	21 42	1 1	16 11	0 15	5 3	1 53	26 40	12 15	3 58	3 32	22 24	17 51	4 58	W12
T 13	14 5	27 58	4 52	17 43	1 14	22 5	0 42	22 30	2 41	17 10	0 50	21 42	1 1	16 12	0 15	5 2	1 53	26 39	12 15	4 0	3 33	22 22	17 51	4 58	T 13
F 14	13 46	25 54	4 22	17 54	0 56	22 1	0 39	22 37	2 40	17 6	0 50	21 42	1 1	16 12	0 15	5 2	1 53	26 39	12 15	4 2	3 35	22 19	17 52	4 58	F 14
S 15	13 27	22 43	3 41	18 2	0 39	21 56	0 35	22 45	2 40	17 2	0 51	21 42	1 1	16 13	0 15	5 1	1 53	26 38	12 15	4 4	3 36	22 17	17 52	4 58	S 15
S 16	13 7	18 36	2 51	18 8	0 22	21 50	0 32	22 52	2 40	16 59	0 51	21 42	1 0	16 13	0 15	5 1	1 53	26 38	12 15	4 5	3 37	22 15	17 52	4 57	S 16
M17	12 47	13 45	1 53	18 10	0 6	21 44	0 28	22 59	2 39	16 55	0 51	21 43	1 0	16 13	0 15	5 1	1 53	26 37	12 15	4 6	3 38	22 13	17 52	4 57	M17
T 18	12 27	8 22	0 49	18 9	0n 9	21 37	0 25	23 6	2 39	16 51	0 51	21 43	1 0	16 14	0 15	5 0	1 53	26 36	12 15	4 7	3 40	22 10	17 53	4 57	T 18
W19	12 7	2 39	0s17	18 5	0 23	21 30	0 21	23 13	2 39	16 47	0 51	21 43	1 0	16 14	0 15	5 0	1 53	26 36	12 16	4 7	3 41	22 8	17 53	4 56	W19
T 20	11 46	3s14	1 23	17 58	0 36	21 21	0 18	23 20	2 38	16 43	0 51	21 43	1 0	16 15	0 15	4 59	1 53	26 35	12 16	4 7	3 42	22 5	17 53	4 56	T 20
F 21	11 26	9 5	2 27	17 48	0 48	21 13	0 14	23 27	2 38	16 39	0 51	21 43	1 0	16 15	0 15	4 59	1 53	26 35	12 16	4 6	3 43	22 3	17 54	4 56	F 21
S 22	11 5	14 41	3 24	17 34	0 59	21 3	0 11	23 34	2 38	16 36	0 51	21 44	0 59	16 16	0 15	4 58	1 53	26 34	12 16	4 6	3 45	22 1	17 54	4 55	S 22
S 23	10 44	19 47	4 13	17 17	1 9	20 53	0 8	23 41	2 37	16 32	0 51	21 44	0 59	16 16	0 15	4 58	1 53	26 34	12 16	4 5	3 46	21 58	17 54	4 55	S 23
M24	10 23	24 4	4 50	16 58	1 17	20 43	0 4	23 47	2 37	16 28	0 51	21 44	0 59	16 17	0 15	4 58	1 54	26 33	12 16	4 5	3 47	21 56	17 55	4 55	M24
T 25	10 1	27 10	5 11	16 35	1 25	20 31	0 1	23 54	2 36	16 24	0 52	21 44	0 59	16 17	0 15	4 57	1 54	26 33	12 16	4 5	3 48	21 54	17 55	4 54	T 25
W26	9 40	28 42	5 16	16 9	1 32	20 20	0n 2	24 0	2 36	16 20	0 52	21 45	0 59	16 18	0 15	4 57	1 54	26 32	12 17	4 5	3 50	21 51	17 56	4 54	W26
T 27	9 18	28 23	5 1	15 41	1 37	20 7	0 6	24 6	2 35	16 16	0 52	21 45	0 59	16 18	0 15	4 56	1 54	26 32	12 17	4 5	3 51	21 49	17 56	4 54	T 27
F 28	8 56	26 6	4 26	15 11	1 42	19 54	0 9	24 12	2 35	16 12	0 52	21 45	0 58	16 19	0 15	4 56	1 54	26 31	12 17	4 6	3 52	21 46	17 56	4 53	F 28
S 29	8 34	21 59	3 33	14 38	1 45	19 41	0 12	24 18	2 34	16 9	0 52	21 45	0 58	16 19	0 15	4 55	1 54	26 31	12 17	4 7	3 54	21 44	17 57	4 53	S 29
S 30	8 12	16 25	2 25	14 3	1 48	19 27	0 15	24 23	2 34	16 5	0 52	21 46	0 58	16 20	0 15	4 55	1 54	26 30	12 17	4 7	3 55	21 42	17 57	4 53	S 30
M31	7n50	9s52	1s 7	13n27	1n50	19n12	0n18	24s29	2s33	16n 1	0n52	21s46	0n58	16s21	0n15	4n54	1s54	26n30	12n17	4s 7	3s56	21n39	17s58	4n52	M31

Julian Day Number = 1984980.5, Delta T = 57m25s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'48, Lahiri = 6°03'48 Julian Calendar 1 Aug. 722 == Greg. Calendar 5 Aug. 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

SEPTEMBER 722 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 52 9	11♍ 5'28	22♓19	1♍19	7♌12	9♐41	19♌21	14♐46	15♏30	16°R48	20♌ 7	19°D39	20♓ 5	8♌21	15♐29	T 1
W 2	22 56 6	12° 4'17	6♈54	3° 9	8°24	10°19	19°33	14°47	15°32	16♈46	20° 9	19♓40	20° 2	8°27	15°31	W 2
T 3	23 0 2	13° 3'08	21° 6	4°59	9°36	10°58	19°46	14°49	15°34	16°45	20°11	19°40	19°59	8°34	15°32	T 3
F 4	23 3 59	14° 2'01	4♉52	6°50	10°49	11°36	19°58	14°51	15°36	16°44	20°13	19°41	19°55	8°41	15°33	F 4
S 5	23 7 55	15° 0'56	18°13	8°40	12° 1	12°15	20°11	14°53	15°38	16°42	20°15	19°41	19°52	8°47	15°35	S 5
S 6	23 11 52	15°59'54	1♊ 9	10°29	13°13	12°55	20°23	14°55	15°40	16°41	20°17	19°42	19°49	8°54	15°37	S 6
M 7	23 15 48	16°58'54	13°43	12°19	14°26	13°34	20°36	14°57	15°43	16°39	20°19	19°R42	19°46	9° 1	15°38	M 7
T 8	23 19 45	17°57'57	25°59	14° 8	15°39	14°13	20°48	14°59	15°45	16°38	20°21	19°42	19°43	9° 7	15°40	T 8
W 9	23 23 42	18°57'01	8♋ 3	15°56	16°51	14°53	21° 0	15° 1	15°47	16°37	20°23	19°42	19°40	9°14	15°42	W 9
T 10	23 27 38	19°56'09	19°57	17°43	18° 4	15°33	21°13	15° 3	15°50	16°35	20°24	19°D42	19°36	9°21	15°44	T 10
F 11	23 31 35	20°55'18	1♌47	19°30	19°17	16°13	21°25	15° 6	15°52	16°34	20°26	19°42	19°33	9°27	15°46	F 11
S 12	23 35 31	21°54'30	13°36	21°16	20°30	16°53	21°37	15° 8	15°55	16°32	20°28	19°42	19°30	9°34	15°48	S 12
S 13	23 39 28	22°53'44	25°29	23° 2	21°43	17°33	21°49	15°11	15°57	16°31	20°30	19°42	19°27	9°41	15°50	S 13
M14	23 43 24	23°53'00	7♍27	24°46	22°56	18°13	22° 1	15°13	16° 0	16°29	20°32	19°43	19°24	9°47	15°53	M14
T 15	23 47 21	24°52'19	19°33	26°30	24° 9	18°54	22°13	15°16	16° 3	16°28	20°33	19°R43	19°20	9°54	15°55	T 15
W16	23 51 17	25°51'39	1♎49	28°13	25°22	19°34	22°25	15°19	16° 5	16°26	20°35	19°43	19°17	10° 1	15°57	W16
T 17	23 55 14	26°51'02	14°16	29°55	26°36	20°15	22°37	15°22	16° 8	16°24	20°37	19°42	19°14	10° 7	16° 0	T 17
F 18	23 59 10	27°50'26	26°56	1♎37	27°49	20°56	22°49	15°25	16°11	16°23	20°39	19°41	19°11	10°14	16° 3	F 18
S 19	0 3 7	28°49'53	9♏49	3°18	29° 2	21°37	23° 0	15°28	16°13	16°21	20°40	19°40	19° 8	10°21	16° 5	S 19
S 20	0 7 4	29°49'22	22°56	4°58	0♍16	22°18	23°12	15°31	16°16	16°20	20°42	19°39	19° 5	10°27	16° 8	S 20
M21	0 11 0	0♎48'52	6♐17	6°37	1°30	23° 0	23°24	15°35	16°19	16°18	20°44	19°38	19° 1	10°34	16°11	M21
T 22	0 14 57	1°48'24	19°54	8°15	2°43	23°41	23°35	15°38	16°22	16°17	20°45	19°37	18°58	10°41	16°14	T 22
W23	0 18 53	2°47'59	3♑46	9°53	3°57	24°23	23°47	15°42	16°25	16°15	20°47	19°D36	18°55	10°47	16°17	W23
T 24	0 22 50	3°47'34	17°53	11°30	5°11	25° 4	23°58	15°45	16°28	16°13	20°49	19°37	18°52	10°54	16°20	T 24
F 25	0 26 46	4°47'12	2♒13	13° 7	6°24	25°46	24° 9	15°49	16°31	16°12	20°50	19°38	18°49	11° 1	16°23	F 25
S 26	0 30 43	5°46'51	16°43	14°43	7°38	26°28	24°21	15°52	16°34	16°10	20°52	19°39	18°46	11° 7	16°26	S 26
S 27	0 34 39	6°46'33	1♓20	16°18	8°52	27°10	24°32	15°56	16°37	16° 8	20°53	19°40	18°42	11°14	16°30	S 27
M28	0 38 36	7°46'15	15°59	17°53	10° 6	27°52	24°43	16° 0	16°40	16° 7	20°55	19°R41	18°39	11°21	16°33	M28
T 29	0 42 33	8°46'00	0♈32	19°27	11°20	28°34	24°54	16° 4	16°43	16° 5	20°56	19°40	18°36	11°28	16°36	T 29
W30	0 46 29	9♎45'47	14♈55	21♎ 0	12♍34	29♐16	25♌ 5	16♐ 8	16♏46	16♈ 3	20♌58	19♓39	18♓33	11♌34	16♐40	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n27	2s51	0n15	12n48	1n51	18n57	0n22	24s34	2s33	15n57	0n52	21s46	0n58	16s21	0n15	4n54	1s54	26n29	12n18	4s 7	3s57	21n37	17s58	4n52
W 2	7 5	4n12	1 34	12 9	1 51	18 41	0 25	24 40	2 32	15 53	0 52	21 47	0 58	16 22	0 15	4 53	1 54	26 29	12 18	4 7	3 59	21 34	17 59	4 52
T 3	6 42	10 51	2 46	11 28	1 51	18 25	0 28	24 45	2 32	15 49	0 53	21 47	0 57	16 23	0 15	4 52	1 54	26 28	12 18	4 7	4 0	21 32	17 59	4 52
F 4	6 19	16 46	3 45	10 46	1 49	18 8	0 31	24 50	2 31	15 45	0 53	21 47	0 57	16 23	0 15	4 52	1 54	26 28	12 18	4 7	4 1	21 30	17 59	4 51
S 5	5 57	21 42	4 31	10 3	1 48	17 51	0 33	24 54	2 30	15 42	0 53	21 48	0 57	16 24	0 15	4 51	1 54	26 27	12 18	4 7	4 2	21 27	18 0	4 51
S 6	5 34	25 26	5 1	9 19	1 46	17 33	0 36	24 59	2 30	15 38	0 53	21 48	0 57	16 25	0 15	4 51	1 54	26 27	12 19	4 6	4 4	21 25	18 0	4 51
M 7	5 11	27 50	5 16	8 34	1 43	17 14	0 39	25 3	2 29	15 34	0 53	21 49	0 57	16 25	0 15	4 50	1 54	26 27	12 19	4 6	4 5	21 22	18 1	4 50
T 8	4 47	28 48	5 16	7 49	1 40	16 55	0 42	25 8	2 29	15 30	0 53	21 49	0 57	16 26	0 15	4 50	1 54	26 26	12 19	4 6	4 6	21 20	18 1	4 50
W 9	4 24	28 22	5 1	7 4	1 36	16 36	0 44	25 12	2 28	15 26	0 53	21 49	0 56	16 27	0 15	4 49	1 54	26 26	12 19	4 6	4 7	21 17	18 2	4 50
T 10	4 1	26 38	4 34	6 18	1 32	16 16	0 47	25 16	2 27	15 22	0 53	21 50	0 56	16 27	0 15	4 48	1 54	26 25	12 20	4 6	4 9	21 15	18 2	4 49
F 11	3 37	23 44	3 56	5 31	1 28	15 56	0 50	25 19	2 27	15 18	0 54	21 50	0 56	16 28	0 15	4 48	1 54	26 25	12 20	4 6	4 10	21 12	18 3	4 49
S 12	3 14	19 51	3 7	4 45	1 23	15 35	0 52	25 23	2 26	15 15	0 54	21 51	0 56	16 29	0 15	4 47	1 54	26 25	12 20	4 6	4 11	21 10	18 4	4 49
S 13	2 50	15 10	2 11	3 59	1 18	15 14	0 55	25 26	2 25	15 11	0 54	21 51	0 56	16 30	0 15	4 47	1 54	26 24	12 20	4 6	4 12	21 7	18 4	4 48
M14	2 27	9 53	1 8	3 12	1 13	14 52	0 57	25 29	2 25	15 7	0 54	21 52	0 56	16 30	0 15	4 46	1 54	26 24	12 21	4 6	4 14	21 5	18 5	4 48
T 15	2 3	4 11	0 1	2 26	1 7	14 30	0 59	25 32	2 24	15 3	0 54	21 52	0 55	16 31	0 15	4 45	1 54	26 24	12 21	4 6	4 15	21 2	18 5	4 48
W16	1 39	1s45	1s 7	1 39	1 1	14 7	1 1	25 35	2 23	14 59	0 54	21 53	0 55	16 32	0 15	4 45	1 54	26 23	12 21	4 6	4 16	21 0	18 6	4 48
T 17	1 16	7 41	2 12	0 53	0 55	13 44	1 4	25 37	2 23	14 56	0 54	21 53	0 55	16 33	0 15	4 44	1 54	26 23	12 22	4 6	4 17	20 57	18 6	4 47
F 18	0 52	13 26	3 12	0 7	0 49	13 21	1 6	25 39	2 22	14 52	0 54	21 54	0 55	16 34	0 15	4 44	1 54	26 23	12 22	4 7	4 19	20 55	18 7	4 47
S 19	0 28	18 42	4 3	0s39	0 43	12 57	1 8	25 41	2 21	14 48	0 55	21 54	0 55	16 34	0 15	4 43	1 54	26 22	12 22	4 7	4 20	20 52	18 7	4 47
S 20	0 4	23 11	4 43	1 25	0 37	12 33	1 10	25 43	2 21	14 44	0 55	21 55	0 55	16 35	0 15	4 42	1 54	26 22	12 22	4 8	4 21	20 50	18 8	4 46
M21	0s20	26 34	5 8	2 11	0 30	12 8	1 12	25 45	2 20	14 41	0 55	21 55	0 54	16 36	0 15	4 42	1 54	26 22	12 23	4 8	4 22	20 47	18 8	4 46
T 22	0 43	28 29	5 17	2 56	0 24	11 43	1 14	25 46	2 19	14 37	0 55	21 56	0 54	16 37	0 15	4 41	1 55	26 21	12 23	4 8	4 24	20 45	18 9	4 46
W23	1 7	28 40	5 7	3 41	0 17	11 18	1 15	25 47	2 18	14 33	0 55	21 56	0 54	16 38	0 15	4 40	1 55	26 21	12 23	4 9	4 25	20 42	18 10	4 46
T 24	1 31	27 1	4 39	4 25	0 11	10 52	1 17	25 48	2 17	14 30	0 55	21 57	0 54	16 39	0 15	4 40	1 55	26 21	12 24	4 8	4 26	20 40	18 10	4 45
F 25	1 55	23 35	3 53	5 9	0 4	10 26	1 19	25 49	2 17	14 26	0 56	21 57	0 54	16 39	0 15	4 39	1 55	26 21	12 24	4 8	4 27	20 37	18 11	4 45
S 26	2 19	18 40	2 52	5 53	0s 3	10 0	1 20	25 49	2 16	14 22	0 56	21 58	0 54	16 40	0 15	4 38	1 55	26 20	12 24	4 8	4 29	20 35	18 11	4 45
S 27	2 42	12 38	1 40	6 36	0 10	9 34	1 22	25 50	2 15	14 19	0 56	21 58	0 54	16 41	0 15	4 38	1 55	26 20	12 25	4 7	4 30	20 32	18 12	4 44
M28	3 6	5 53	0 20	7 19	0 17	9 7	1 23	25 50	2 14	14 15	0 56	21 59	0 53	16 42	0 14	4 37	1 55	26 20	12 25	4 7	4 31	20 30	18 13	4 44
T 29	3 30	1n 8	1n 0	8 1	0 23	8 40	1 25	25 49	2 14	14 12	0 56	21 59	0 53	16 43	0 14	4 36	1 55	26 20	12 25	4 7	4 32	20 27	18 13	4 44
W30	3s54	7n59	2n15	8s43	0s30	8n13	1n26	25s49	2s13	14n 8	0n56	22s 0	0n53	16s44	0n14	4n36	1s55	26n20	12n26	4s 8	4s34	20n25	18s14	4n44

Julian Day Number = 1985011.5, Delta T = 57m24s
Ecliptic obliquity = 23°36'25, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'52, Lahiri = 6°03'52 Julian Calendar 1 Sept. 722 == Greg. Calendar 5 Sept. 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

OCTOBER 722 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 50 26	10♎45'36	29♈ 1	22♎33	13♍48	29♐59	25♌16	16♐12	16♏49	16°R 2	20♌59	19°R37	18♓30	11♌41	16♐43	T 1
F 2	0 54 22	11°45'27	12♉47	24° 5	15° 2	0♑41	25°27	16°16	16°52	16♈ 0	21° 1	19♓34	18°26	11°48	16°47	F 2
S 3	0 58 19	12°45'20	26°10	25°37	16°17	1°24	25°38	16°21	16°55	15°58	21° 2	19°30	18°23	11°54	16°51	S 3
S 4	1 2 15	13°45'16	9♊ 9	27° 8	17°31	2° 6	25°48	16°25	16°59	15°57	21° 3	19°27	18°20	12° 1	16°54	S 4
M 5	1 6 12	14°45'13	21°47	28°39	18°45	2°49	25°59	16°29	17° 2	15°55	21° 5	19°24	18°17	12° 8	16°58	M 5
T 6	1 10 8	15°45'13	4♋ 6	0♏ 9	19°59	3°32	26° 9	16°34	17° 5	15°53	21° 6	19°22	18°14	12°14	17° 2	T 6
W 7	1 14 5	16°45'15	16°11	1°39	21°14	4°15	26°20	16°39	17° 9	15°52	21° 8	19°D21	18°11	12°21	17° 6	W 7
T 8	1 18 2	17°45'20	28° 5	3° 8	22°28	4°58	26°30	16°43	17°12	15°50	21° 9	19°22	18° 7	12°28	17°10	T 8
F 9	1 21 58	18°45'26	9♌55	4°37	23°43	5°41	26°40	16°48	17°15	15°48	21°10	19°23	18° 4	12°34	17°14	F 9
S 10	1 25 55	19°45'35	21°45	6° 5	24°57	6°24	26°50	16°53	17°19	15°46	21°11	19°25	18° 1	12°41	17°18	S 10
S 11	1 29 51	20°45'45	3♍39	7°32	26°12	7° 7	27° 0	16°57	17°22	15°45	21°13	19°27	17°58	12°48	17°23	S 11
M12	1 33 48	21°45'58	15°43	8°59	27°27	7°51	27°10	17° 2	17°25	15°43	21°14	19°R28	17°55	12°54	17°27	M12
T 13	1 37 44	22°46'13	27°58	10°25	28°41	8°34	27°20	17° 7	17°29	15°41	21°15	19°27	17°52	13° 1	17°31	T 13
W14	1 41 41	23°46'29	10♎28	11°51	29°56	9°17	27°30	17°12	17°32	15°40	21°16	19°26	17°48	13° 8	17°36	W14
T 15	1 45 37	24°46'48	23°14	13°16	1♏11	10° 1	27°40	17°18	17°36	15°38	21°17	19°22	17°45	13°14	17°40	T 15
F 16	1 49 34	25°47'08	6♏16	14°40	2°26	10°45	27°49	17°23	17°39	15°36	21°18	19°17	17°42	13°21	17°45	F 16
S 17	1 53 31	26°47'30	19°34	16° 3	3°40	11°28	27°59	17°28	17°43	15°35	21°19	19°10	17°39	13°28	17°49	S 17
S 18	1 57 27	27°47'54	3♐ 5	17°26	4°55	12°12	28° 8	17°33	17°46	15°33	21°20	19° 4	17°36	13°34	17°54	S 18
M19	2 1 24	28°48'20	16°47	18°47	6°10	12°56	28°17	17°39	17°50	15°31	21°21	18°57	17°32	13°41	17°58	M19
T 20	2 5 20	29°48'47	0♑39	20° 7	7°25	13°40	28°26	17°44	17°53	15°30	21°22	18°53	17°29	13°48	18° 3	T 20
W21	2 9 17	0♏49'15	14°38	21°27	8°40	14°23	28°35	17°50	17°57	15°28	21°23	18°49	17°26	13°54	18° 8	W21
T 22	2 13 13	1°49'45	28°42	22°45	9°55	15° 7	28°44	17°55	18° 0	15°27	21°24	18°D48	17°23	14° 1	18°13	T 22
F 23	2 17 10	2°50'16	12♒50	24° 1	11°10	15°51	28°53	18° 1	18° 4	15°25	21°25	18°49	17°20	14° 8	18°18	F 23
S 24	2 21 6	3°50'48	27° 0	25°16	12°25	16°36	29° 2	18° 6	18° 8	15°23	21°26	18°50	17°17	14°14	18°23	S 24
S 25	2 25 3	4°51'22	11♓12	26°29	13°40	17°20	29°10	18°12	18°11	15°22	21°27	18°51	17°13	14°21	18°28	S 25
M26	2 29 0	5°51'56	25°22	27°40	14°55	18° 4	29°18	18°18	18°15	15°20	21°28	18°R51	17°10	14°28	18°33	M26
T 27	2 32 56	6°52'32	9♈28	28°49	16°10	18°48	29°27	18°24	18°19	15°19	21°29	18°49	17° 7	14°34	18°38	T 27
W28	2 36 53	7°53'10	23°27	29°55	17°25	19°32	29°35	18°29	18°22	15°17	21°29	18°45	17° 4	14°41	18°43	W28
T 29	2 40 49	8°53'49	7♉15	0♐58	18°40	20°16	29°43	18°35	18°26	15°16	21°30	18°38	17° 1	14°48	18°48	T 29
F 30	2 44 46	9°54'29	20°47	1°57	19°56	21° 1	29°51	18°41	18°30	15°14	21°31	18°30	16°57	14°54	18°53	F 30
S 31	2 48 42	10♏55'11	4♊ 2	2♐53	21♏11	21♑45	29♌59	18♐47	18♏33	15♈13	21♌31	18♓20	16♓54	15♌ 1	18♐58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s17	14n19	3n20	9s24	0s37	7n45	1n27	25s48	2s12	14n 5	0n57	22s 1	0n53	16s45	0n14	4n35	1s55	26n19	12n26	4s 8	4s35	20n22	18s14	4n43
F 2	4 41	19 47	4 12	10 5	0 44	7 17	1 28	25 47	2 11	14 1	0 57	22 1	0 53	16 46	0 14	4 34	1 55	26 19	12 26	4 10	4 36	20 19	18 15	4 43
S 3	5 4	24 6	4 49	10 45	0 50	6 49	1 29	25 46	2 10	13 58	0 57	22 2	0 53	16 47	0 14	4 34	1 55	26 19	12 27	4 11	4 37	20 17	18 16	4 43
S 4	5 28	27 4	5 9	11 25	0 57	6 21	1 30	25 45	2 9	13 54	0 57	22 2	0 52	16 48	0 14	4 33	1 55	26 19	12 27	4 12	4 39	20 14	18 16	4 43
M 5	5 51	28 34	5 14	12 4	1 4	5 53	1 31	25 43	2 8	13 51	0 57	22 3	0 52	16 49	0 14	4 33	1 55	26 19	12 27	4 14	4 40	20 12	18 17	4 42
T 6	6 15	28 36	5 4	12 42	1 10	5 24	1 32	25 41	2 8	13 47	0 57	22 3	0 52	16 50	0 14	4 32	1 55	26 19	12 28	4 14	4 41	20 9	18 17	4 42
W 7	6 38	27 16	4 41	13 19	1 16	4 55	1 33	25 39	2 7	13 44	0 58	22 4	0 52	16 50	0 14	4 31	1 55	26 19	12 28	4 15	4 42	20 6	18 18	4 42
T 8	7 1	24 42	4 5	13 56	1 23	4 26	1 33	25 37	2 6	13 40	0 58	22 5	0 52	16 51	0 14	4 31	1 55	26 19	12 29	4 14	4 44	20 4	18 19	4 42
F 9	7 24	21 6	3 20	14 32	1 29	3 57	1 34	25 34	2 5	13 37	0 58	22 5	0 52	16 52	0 14	4 30	1 55	26 19	12 29	4 14	4 45	20 1	18 19	4 41
S 10	7 47	16 39	2 26	15 8	1 35	3 28	1 34	25 31	2 4	13 34	0 58	22 6	0 52	16 53	0 14	4 29	1 55	26 18	12 29	4 13	4 46	19 59	18 20	4 41
S 11	8 10	11 34	1 26	15 42	1 40	2 58	1 35	25 28	2 3	13 30	0 58	22 6	0 52	16 54	0 14	4 29	1 55	26 18	12 30	4 12	4 47	19 56	18 20	4 41
M12	8 32	5 59	0 21	16 16	1 46	2 29	1 35	25 25	2 2	13 27	0 59	22 7	0 51	16 55	0 14	4 28	1 55	26 18	12 30	4 12	4 49	19 53	18 21	4 41
T 13	8 55	0 6	0s46	16 49	1 52	1 59	1 36	25 21	2 1	13 24	0 59	22 8	0 51	16 56	0 14	4 27	1 55	26 18	12 30	4 12	4 50	19 51	18 22	4 41
W14	9 17	5s53	1 52	17 21	1 57	1 29	1 36	25 17	2 1	13 21	0 59	22 8	0 51	16 57	0 14	4 27	1 55	26 18	12 31	4 13	4 51	19 48	18 22	4 40
T 15	9 40	11 46	2 54	17 52	2 2	1 0	1 36	25 13	2 0	13 18	0 59	22 9	0 51	16 58	0 14	4 26	1 55	26 18	12 31	4 14	4 52	19 46	18 23	4 40
F 16	10 2	17 16	3 47	18 22	2 7	0 30	1 36	25 8	1 59	13 15	0 59	22 10	0 51	16 59	0 14	4 25	1 55	26 18	12 32	4 16	4 54	19 43	18 24	4 40
S 17	10 24	22 4	4 30	18 51	2 11	0s 0	1 36	25 4	1 58	13 11	1 0	22 10	0 51	17 0	0 14	4 25	1 55	26 18	12 32	4 19	4 55	19 40	18 24	4 40
S 18	10 46	25 47	4 58	19 19	2 16	0 30	1 36	24 59	1 57	13 8	1 0	22 11	0 51	17 1	0 14	4 24	1 55	26 18	12 33	4 22	4 56	19 38	18 25	4 39
M19	11 8	28 5	5 9	19 46	2 20	1 0	1 36	24 54	1 56	13 5	1 0	22 11	0 50	17 2	0 14	4 24	1 55	26 18	12 33	4 24	4 57	19 35	18 25	4 39
T 20	11 29	28 40	5 3	20 12	2 23	1 30	1 36	24 48	1 55	13 2	1 0	22 12	0 50	17 3	0 14	4 23	1 55	26 19	12 33	4 26	4 59	19 32	18 26	4 39
W21	11 50	27 25	4 39	20 36	2 26	2 0	1 35	24 43	1 54	12 59	1 0	22 13	0 50	17 4	0 14	4 22	1 55	26 19	12 34	4 27	5 0	19 30	18 27	4 39
T 22	12 12	24 27	3 58	21 0	2 29	2 30	1 35	24 37	1 53	12 56	1 1	22 13	0 50	17 5	0 14	4 22	1 55	26 19	12 34	4 28	5 1	19 27	18 27	4 39
F 23	12 33	19 59	3 2	21 22	2 32	3 0	1 34	24 31	1 52	12 54	1 1	22 14	0 50	17 6	0 14	4 21	1 55	26 19	12 35	4 27	5 2	19 24	18 28	4 39
S 24	12 53	14 24	1 55	21 42	2 34	3 30	1 34	24 24	1 51	12 51	1 1	22 15	0 50	17 7	0 14	4 21	1 54	26 19	12 35	4 27	5 4	19 22	18 28	4 38
S 25	13 14	8 3	0 41	22 1	2 35	4 0	1 33	24 18	1 50	12 48	1 1	22 15	0 50	17 8	0 14	4 20	1 54	26 19	12 36	4 27	5 5	19 19	18 29	4 38
M26	13 34	1 19	0n35	22 19	2 36	4 30	1 33	24 11	1 49	12 45	1 1	22 16	0 50	17 9	0 14	4 19	1 54	26 19	12 36	4 27	5 6	19 16	18 29	4 38
T 27	13 54	5n27	1 49	22 35	2 37	4 59	1 32	24 4	1 48	12 43	1 2	22 16	0 49	17 10	0 14	4 19	1 54	26 19	12 36	4 27	5 7	19 13	18 30	4 38
W28	14 14	11 53	2 55	22 49	2 36	5 29	1 31	23 57	1 47	12 40	1 2	22 17	0 49	17 11	0 14	4 18	1 54	26 19	12 37	4 29	5 9	19 11	18 31	4 38
T 29	14 34	17 39	3 50	23 2	2 35	5 58	1 30	23 49	1 46	12 37	1 2	22 18	0 49	17 13	0 14	4 18	1 54	26 20	12 37	4 32	5 10	19 8	18 31	4 38
F 30	14 53	22 26	4 31	23 12	2 34	6 28	1 30	23 41	1 45	12 35	1 2	22 18	0 49	17 14	0 14	4 17	1 54	26 20	12 38	4 35	5 11	19 5	18 32	4 38
S 31	15s12	25n57	4n56	23s21	2s31	6s57	1n29	23s33	1s44	12n32	1n 3	22s19	0n49	17s15	0n14	4n17	1s54	26n20	12n38	4s39	5s12	19n 3	18s32	4n37

Julian Day Number = 1985041.5, Delta T = 57m23s
Ecliptic obliquity = 23°36'25, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°56'56, Lahiri = 6°03'57 Julian Calendar 1 Oct. 722 == Greg. Calendar 5 Oct. 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

NOVEMBER 722 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 52 39	11♏55'55	16♊58	3♐44	22♎26	22♑29	0♍ 6	18♐53	18♏37	15°R11	21♌32	18°R11	16♓51	15♌ 8	19♐ 4	S 1
M 2	2 56 35	12°56'40	29°35	4°31	23°41	23°14	0°14	19° 0	18°41	15♈10	21°33	18♓ 2	16°48	15°14	19° 9	M 2
T 3	3 0 32	13°57'26	11♋55	5°11	24°56	23°58	0°21	19° 6	18°44	15° 8	21°33	17°55	16°45	15°21	19°14	T 3
W 4	3 4 29	14°58'15	24° 0	5°45	26°12	24°43	0°28	19°12	18°48	15° 7	21°34	17°50	16°42	15°28	19°20	W 4
T 5	3 8 25	15°59'04	5♌55	6°13	27°27	25°27	0°35	19°18	18°52	15° 5	21°34	17°47	16°38	15°34	19°25	T 5
F 6	3 12 22	16°59'55	17°44	6°32	28°42	26°12	0°42	19°24	18°55	15° 4	21°35	17°D47	16°35	15°41	19°31	F 6
S 7	3 16 18	18° 0'48	29°33	6°43	29°57	26°57	0°49	19°31	18°59	15° 3	21°35	17°47	16°32	15°48	19°36	S 7
S 8	3 20 15	19° 1'42	11♍28	6°R44	1♏13	27°41	0°56	19°37	19° 3	15° 1	21°36	17°R48	16°29	15°54	19°42	S 8
M 9	3 24 11	20° 2'38	23°33	6°35	2°28	28°26	1° 2	19°44	19° 6	15° 0	21°36	17°48	16°26	16° 1	19°47	M 9
T 10	3 28 8	21° 3'34	5♎53	6°15	3°44	29°10	1° 9	19°50	19°10	14°59	21°36	17°46	16°23	16° 8	19°53	T 10
W11	3 32 4	22° 4'32	18°33	5°44	4°59	29°55	1°15	19°57	19°14	14°57	21°37	17°42	16°19	16°14	19°59	W11
T 12	3 36 1	23° 5'32	1♏34	5° 1	6°14	0♒40	1°21	20° 3	19°18	14°56	21°37	17°35	16°16	16°21	20° 4	T 12
F 13	3 39 58	24° 6'32	14°56	4° 8	7°30	1°25	1°27	20°10	19°21	14°55	21°37	17°26	16°13	16°28	20°10	F 13
S 14	3 43 54	25° 7'34	28°38	3° 5	8°45	2° 9	1°33	20°16	19°25	14°54	21°37	17°15	16°10	16°34	20°16	S 14
S 15	3 47 51	26° 8'37	12♐37	1°54	10° 1	2°54	1°38	20°23	19°29	14°53	21°38	17° 3	16° 7	16°41	20°22	S 15
M16	3 51 47	27° 9'40	26°48	0°36	11°16	3°39	1°44	20°29	19°32	14°51	21°38	16°52	16° 3	16°48	20°27	M16
T 17	3 55 44	28°10'44	11♑ 6	29♏15	12°31	4°24	1°49	20°36	19°36	14°50	21°38	16°42	16° 0	16°54	20°33	T 17
W18	3 59 40	29°11'49	25°24	27°52	13°47	5° 9	1°54	20°43	19°40	14°49	21°38	16°36	15°57	17° 1	20°39	W18
T 19	4 3 37	0♐12'55	9♒40	26°30	15° 2	5°53	1°59	20°50	19°43	14°48	21°38	16°32	15°54	17° 8	20°45	T 19
F 20	4 7 33	1°14'00	23°50	25°13	16°18	6°38	2° 4	20°56	19°47	14°47	21°R38	16°30	15°51	17°14	20°51	F 20
S 21	4 11 30	2°15'07	7♓54	24° 3	17°33	7°23	2° 8	21° 3	19°51	14°46	21°38	16°D30	15°48	17°21	20°57	S 21
S 22	4 15 27	3°16'13	21°49	23° 1	18°49	8° 8	2°13	21°10	19°54	14°45	21°38	16°R30	15°44	17°28	21° 3	S 22
M23	4 19 23	4°17'20	5♈38	22° 8	20° 4	8°53	2°17	21°17	19°58	14°44	21°38	16°29	15°41	17°34	21° 9	M23
T 24	4 23 20	5°18'27	19°18	21°27	21°19	9°38	2°21	21°24	20° 1	14°43	21°38	16°25	15°38	17°41	21°15	T 24
W25	4 27 16	6°19'35	2♉50	20°57	22°35	10°23	2°25	21°31	20° 5	14°42	21°38	16°19	15°35	17°48	21°21	W25
T 26	4 31 13	7°20'43	16°12	20°37	23°50	11° 8	2°29	21°37	20° 9	14°41	21°38	16° 9	15°32	17°54	21°27	T 26
F 27	4 35 9	8°21'52	29°23	20°D29	25° 6	11°53	2°32	21°44	20°12	14°40	21°37	15°57	15°29	18° 1	21°33	F 27
S 28	4 39 6	9°23'01	12♊21	20°30	26°21	12°37	2°36	21°51	20°16	14°40	21°37	15°43	15°25	18° 8	21°39	S 28
S 29	4 43 3	10°24'10	25° 5	20°41	27°37	13°22	2°39	21°58	20°19	14°39	21°37	15°29	15°22	18°14	21°45	S 29
M30	4 46 59	11♐25'20	7♋34	21♏ 0	28♏52	14♒ 7	2♍42	22♐ 5	20♏23	14♈38	21♌37	15♓16	15♓19	18♌21	21♐51	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s31	28n 2	5n 6	23s28	2s28	7s26	1n28	23s25	1s43	12n30	1n 3	22s20	0n49	17s16	0n14	4n16	1s54	26n20	12n39	4s42	5s14	19n 0	18s33	4n37
M 2	15 50	28 36	5 0	23 32	2 23	7 55	1 26	23 16	1 42	12 27	1 3	22 20	0 49	17 17	0 14	4 15	1 54	26 20	12 39	4 46	5 15	18 57	18 33	4 37
T 3	16 8	27 43	4 40	23 34	2 18	8 24	1 25	23 8	1 41	12 25	1 3	22 21	0 49	17 18	0 14	4 15	1 54	26 21	12 39	4 49	5 16	18 55	18 34	4 37
W 4	16 26	25 31	4 7	23 34	2 11	8 53	1 24	22 59	1 40	12 22	1 4	22 21	0 49	17 19	0 14	4 14	1 54	26 21	12 40	4 51	5 17	18 52	18 34	4 37
T 5	16 44	22 14	3 25	23 31	2 3	9 21	1 23	22 50	1 39	12 20	1 4	22 22	0 48	17 20	0 14	4 14	1 54	26 21	12 40	4 52	5 19	18 49	18 35	4 37
F 6	17 2	18 4	2 34	23 25	1 53	9 49	1 21	22 40	1 38	12 18	1 4	22 23	0 48	17 21	0 14	4 13	1 54	26 21	12 41	4 52	5 20	18 46	18 36	4 37
S 7	17 19	13 12	1 36	23 16	1 43	10 17	1 20	22 31	1 37	12 16	1 4	22 23	0 48	17 22	0 14	4 13	1 54	26 22	12 41	4 52	5 21	18 44	18 36	4 37
S 8	17 36	7 50	0 34	23 4	1 30	10 45	1 19	22 21	1 36	12 13	1 5	22 24	0 48	17 23	0 14	4 12	1 54	26 22	12 42	4 51	5 22	18 41	18 37	4 36
M 9	17 53	2 7	0s31	22 49	1 17	11 13	1 17	22 11	1 35	12 11	1 5	22 25	0 48	17 24	0 14	4 12	1 54	26 22	12 42	4 51	5 24	18 38	18 37	4 36
T 10	18 9	3s48	1 35	22 30	1 1	11 40	1 16	22 0	1 34	12 9	1 5	22 25	0 48	17 25	0 14	4 11	1 54	26 23	12 43	4 52	5 25	18 35	18 38	4 36
W11	18 25	9 43	2 36	22 9	0 45	12 7	1 14	21 50	1 33	12 7	1 5	22 26	0 48	17 26	0 14	4 11	1 54	26 23	12 43	4 54	5 26	18 33	18 38	4 36
T 12	18 41	15 23	3 31	21 43	0 27	12 33	1 12	21 39	1 32	12 5	1 6	22 26	0 48	17 27	0 14	4 11	1 54	26 23	12 44	4 56	5 27	18 30	18 39	4 36
F 13	18 56	20 29	4 15	21 15	0 7	13 0	1 11	21 28	1 31	12 4	1 6	22 27	0 48	17 28	0 14	4 10	1 54	26 23	12 44	5 0	5 28	18 27	18 39	4 36
S 14	19 11	24 39	4 46	20 43	0n13	13 26	1 9	21 17	1 30	12 2	1 6	22 27	0 47	17 29	0 14	4 10	1 54	26 24	12 44	5 4	5 30	18 24	18 39	4 36
S 15	19 25	27 26	5 1	20 9	0 33	13 52	1 7	21 6	1 29	12 0	1 6	22 28	0 47	17 30	0 14	4 9	1 54	26 24	12 45	5 9	5 31	18 22	18 40	4 36
M16	19 40	28 31	4 57	19 33	0 54	14 17	1 5	20 54	1 28	11 58	1 7	22 29	0 47	17 31	0 14	4 9	1 54	26 25	12 45	5 13	5 32	18 19	18 40	4 36
T 17	19 54	27 43	4 35	18 56	1 13	14 42	1 3	20 43	1 27	11 57	1 7	22 29	0 47	17 32	0 14	4 8	1 54	26 25	12 46	5 17	5 33	18 16	18 41	4 36
W18	20 7	25 4	3 56	18 19	1 32	15 7	1 1	20 31	1 26	11 55	1 7	22 30	0 47	17 33	0 14	4 8	1 54	26 25	12 46	5 20	5 35	18 13	18 41	4 36
T 19	20 20	20 52	3 2	17 44	1 50	15 31	0 59	20 19	1 25	11 53	1 7	22 30	0 47	17 34	0 14	4 8	1 54	26 26	12 47	5 21	5 36	18 10	18 42	4 36
F 20	20 33	15 30	1 57	17 11	2 5	15 55	0 57	20 6	1 24	11 52	1 8	22 31	0 47	17 35	0 14	4 7	1 54	26 26	12 47	5 22	5 37	18 8	18 42	4 36
S 21	20 45	9 22	0 45	16 40	2 19	16 18	0 55	19 54	1 23	11 51	1 8	22 31	0 47	17 36	0 14	4 7	1 54	26 27	12 48	5 22	5 38	18 5	18 43	4 36
S 22	20 57	2 50	0n28	16 14	2 30	16 41	0 53	19 41	1 22	11 49	1 8	22 32	0 47	17 37	0 14	4 7	1 53	26 27	12 48	5 22	5 40	18 2	18 43	4 36
M23	21 9	3n46	1 39	15 52	2 39	17 4	0 51	19 28	1 21	11 48	1 9	22 33	0 47	17 38	0 14	4 6	1 53	26 27	12 49	5 22	5 41	17 59	18 43	4 36
T 24	21 20	10 8	2 44	15 35	2 46	17 26	0 49	19 15	1 20	11 47	1 9	22 33	0 47	17 39	0 14	4 6	1 53	26 28	12 49	5 24	5 42	17 56	18 44	4 36
W25	21 31	15 58	3 39	15 23	2 50	17 47	0 47	19 2	1 19	11 46	1 9	22 34	0 46	17 40	0 14	4 6	1 53	26 28	12 50	5 26	5 43	17 54	18 44	4 36
T 26	21 41	20 57	4 21	15 15	2 53	18 9	0 45	18 49	1 18	11 44	1 9	22 34	0 46	17 41	0 14	4 5	1 53	26 29	12 50	5 30	5 45	17 51	18 45	4 36
F 27	21 51	24 50	4 48	15 12	2 54	18 29	0 42	18 35	1 17	11 43	1 10	22 35	0 46	17 42	0 14	4 5	1 53	26 29	12 50	5 35	5 46	17 48	18 45	4 36
S 28	22 1	27 23	4 59	15 13	2 53	18 49	0 40	18 21	1 16	11 42	1 10	22 35	0 46	17 43	0 14	4 5	1 53	26 30	12 51	5 40	5 47	17 45	18 45	4 36
S 29	22 10	28 26	4 56	15 18	2 51	19 9	0 38	18 7	1 15	11 42	1 10	22 36	0 46	17 44	0 14	4 4	1 53	26 30	12 51	5 46	5 48	17 42	18 46	4 36
M30	22s18	28n 1	4n38	15s26	2n48	19s28	0n36	17s53	1s14	11n41	1n10	22s36	0n46	17s45	0n14	4n 4	1s53	26n31	12n52	5s51	5s50	17n39	18s46	4n36

Julian Day Number = 1985072.5, Delta T = 57m23s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'00, Lahiri = 6°04'01 Julian Calendar 1 Nov. 722 == Greg. Calendar 5 Nov. 722

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ASTRODIENST EPHEMERIS for the year 722
geocentric

DECEMBER 722 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 50 56	12♐26'31	19♋49	21♏27	0♐ 8	14♒52	2♍45	22♐12	20♏26	14°R37	21°R36	15°R 5	15♓16	18♌28	21♐57	T 1
W 2	4 54 52	13°27'42	1♌51	22° 1	1°23	15°37	2°47	22°19	20°30	14♈37	21♌36	14♓57	15°13	18°34	22° 3	W 2
T 3	4 58 49	14°28'53	13°45	22°41	2°39	16°22	2°50	22°26	20°33	14°36	21°36	14°51	15° 9	18°41	22° 9	T 3
F 4	5 2 45	15°30'05	25°33	23°27	3°54	17° 7	2°52	22°33	20°37	14°35	21°35	14°48	15° 6	18°48	22°15	F 4
S 5	5 6 42	16°31'17	7♍21	24°18	5°10	17°52	2°54	22°40	20°40	14°35	21°35	14°47	15° 3	18°54	22°21	S 5
S 6	5 10 38	17°32'30	19°13	25°13	6°25	18°37	2°56	22°47	20°44	14°34	21°34	14°47	15° 0	19° 1	22°27	S 6
M 7	5 14 35	18°33'43	1♎17	26°12	7°41	19°21	2°58	22°54	20°47	14°34	21°34	14°47	14°57	19° 8	22°33	M 7
T 8	5 18 32	19°34'56	13°37	27°15	8°56	20° 6	2°59	23° 1	20°50	14°33	21°33	14°45	14°54	19°14	22°39	T 8
W 9	5 22 28	20°36'10	26°18	28°20	10°12	20°51	3° 1	23° 8	20°54	14°33	21°33	14°41	14°50	19°21	22°46	W 9
T 10	5 26 25	21°37'24	9♏23	29°28	11°27	21°36	3° 2	23°16	20°57	14°32	21°32	14°34	14°47	19°28	22°52	T 10
F 11	5 30 21	22°38'39	22°55	0♐39	12°43	22°21	3° 3	23°23	21° 0	14°32	21°31	14°24	14°44	19°34	22°58	F 11
S 12	5 34 18	23°39'53	6♐53	1°51	13°58	23° 6	3° 4	23°30	21° 4	14°31	21°31	14°13	14°41	19°41	23° 4	S 12
S 13	5 38 14	24°41'08	21°14	3° 6	15°13	23°50	3° 4	23°37	21° 7	14°31	21°30	14° 0	14°38	19°47	23°10	S 13
M14	5 42 11	25°42'22	5♑51	4°22	16°29	24°35	3° 5	23°44	21°10	14°31	21°29	13°48	14°35	19°54	23°16	M14
T 15	5 46 7	26°43'36	20°36	5°40	17°44	25°20	3°R 5	23°51	21°13	14°30	21°29	13°38	14°31	20° 1	23°22	T 15
W16	5 50 4	27°44'50	5♒21	6°59	19° 0	26° 5	3° 5	23°58	21°16	14°30	21°28	13°31	14°28	20° 7	23°28	W16
T 17	5 54 1	28°46'03	20° 0	8°19	20°15	26°50	3° 5	24° 5	21°20	14°30	21°27	13°26	14°25	20°14	23°34	T 17
F 18	5 57 57	29°47'16	4♓27	9°41	21°31	27°34	3° 4	24°12	21°23	14°30	21°26	13°24	14°22	20°21	23°41	F 18
S 19	6 1 54	0♑48'28	18°38	11° 3	22°46	28°19	3° 4	24°19	21°26	14°30	21°26	13°D24	14°19	20°27	23°47	S 19
S 20	6 5 50	1°49'39	2♈34	12°27	24° 2	29° 4	3° 3	24°26	21°29	14°30	21°25	13°R24	14°15	20°34	23°53	S 20
M21	6 9 47	2°50'50	16°14	13°51	25°17	29°49	3° 2	24°33	21°32	14°29	21°24	13°24	14°12	20°41	23°59	M21
T 22	6 13 43	3°51'59	29°39	15°17	26°33	0♓33	3° 1	24°40	21°35	14°D29	21°23	13°21	14° 9	20°47	24° 5	T 22
W23	6 17 40	4°53'08	12♉51	16°43	27°48	1°18	2°59	24°47	21°38	14°29	21°22	13°15	14° 6	20°54	24°11	W23
T 24	6 21 36	5°54'17	25°51	18° 9	29° 3	2° 3	2°58	24°54	21°41	14°29	21°21	13° 7	14° 3	21° 1	24°17	T 24
F 25	6 25 33	6°55'24	8♊40	19°37	0♑19	2°47	2°56	25° 1	21°44	14°30	21°20	12°56	14° 0	21° 7	24°23	F 25
S 26	6 29 30	7°56'31	21°18	21° 5	1°34	3°32	2°54	25° 8	21°46	14°30	21°19	12°44	13°56	21°14	24°29	S 26
S 27	6 33 26	8°57'38	3♋45	22°34	2°50	4°16	2°52	25°15	21°49	14°30	21°18	12°32	13°53	21°21	24°35	S 27
M28	6 37 23	9°58'43	16° 1	24° 3	4° 5	5° 1	2°50	25°22	21°52	14°30	21°17	12°20	13°50	21°27	24°41	M28
T 29	6 41 19	10°59'48	28° 7	25°33	5°20	5°46	2°47	25°29	21°55	14°30	21°16	12°10	13°47	21°34	24°47	T 29
W30	6 45 16	12° 0'52	10♌ 4	27° 4	6°36	6°30	2°44	25°36	21°57	14°30	21°15	12° 3	13°44	21°41	24°52	W30
T 31	6 49 12	13♑ 1'55	21♌54	28♐35	7♑51	7♓14	2♍42	25♐42	22♏ 0	14♈31	21♌14	11♓58	13♓41	21♌47	24♐58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s27	26n13	4n 7	15s37	2n44	19s47	0n33	17s39	1s13	11n40	1n11	22s37	0n46	17s46	0n14	4n 4	1s53	26n31	12n52	5s55	5s51	17n37	18s46	4n36
W 2	22 34	23 14	3 26	15 51	2 39	20 5	0 31	17 25	1 12	11 39	1 11	22 37	0 46	17 47	0 14	4 4	1 53	26 32	12 53	5 58	5 52	17 34	18 47	4 36
T 3	22 42	19 18	2 36	16 6	2 33	20 22	0 29	17 10	1 11	11 39	1 11	22 38	0 46	17 47	0 14	4 4	1 53	26 32	12 53	6 0	5 53	17 31	18 47	4 36
F 4	22 49	14 40	1 40	16 24	2 27	20 39	0 26	16 56	1 10	11 38	1 12	22 38	0 46	17 48	0 14	4 3	1 53	26 33	12 54	6 2	5 54	17 28	18 47	4 36
S 5	22 55	9 29	0 39	16 43	2 20	20 55	0 24	16 41	1 9	11 38	1 12	22 39	0 46	17 49	0 14	4 3	1 53	26 34	12 54	6 2	5 56	17 25	18 47	4 36
S 6	23 1	3 56	0s24	17 3	2 13	21 11	0 21	16 26	1 8	11 37	1 12	22 39	0 46	17 50	0 14	4 3	1 53	26 34	12 54	6 2	5 57	17 22	18 48	4 36
M 7	23 7	1s50	1 26	17 25	2 5	21 26	0 19	16 11	1 7	11 37	1 12	22 39	0 45	17 51	0 14	4 3	1 53	26 35	12 55	6 2	5 58	17 19	18 48	4 36
T 8	23 12	7 39	2 26	17 46	1 57	21 40	0 17	15 56	1 6	11 37	1 13	22 40	0 45	17 52	0 14	4 3	1 53	26 35	12 55	6 3	5 59	17 17	18 48	4 36
W 9	23 16	13 20	3 21	18 9	1 50	21 54	0 14	15 40	1 5	11 36	1 13	22 40	0 45	17 53	0 14	4 3	1 53	26 36	12 56	6 4	6 1	17 14	18 49	4 36
T 10	23 20	18 36	4 7	18 32	1 41	22 7	0 12	15 25	1 4	11 36	1 13	22 41	0 45	17 54	0 14	4 2	1 53	26 36	12 56	6 7	6 2	17 11	18 49	4 36
F 11	23 24	23 8	4 40	18 55	1 33	22 20	0 9	15 9	1 3	11 36	1 14	22 41	0 45	17 55	0 14	4 2	1 52	26 37	12 56	6 11	6 3	17 8	18 49	4 36
S 12	23 27	26 30	4 58	19 17	1 25	22 31	0 7	14 54	1 2	11 36	1 14	22 42	0 45	17 56	0 14	4 2	1 52	26 38	12 57	6 15	6 4	17 5	18 49	4 37
S 13	23 30	28 16	4 58	19 40	1 17	22 43	0 4	14 38	1 1	11 36	1 14	22 42	0 45	17 56	0 14	4 2	1 52	26 38	12 57	6 20	6 6	17 2	18 49	4 37
M14	23 32	28 7	4 39	20 3	1 8	22 53	0 2	14 22	1 0	11 36	1 15	22 42	0 45	17 57	0 14	4 2	1 52	26 39	12 58	6 25	6 7	16 59	18 50	4 37
T 15	23 34	25 59	4 1	20 25	1 0	23 3	0s 0	14 6	0 59	11 36	1 15	22 43	0 45	17 58	0 14	4 2	1 52	26 40	12 58	6 29	6 8	16 56	18 50	4 37
W16	23 35	22 5	3 7	20 47	0 52	23 12	0 3	13 49	0 58	11 37	1 15	22 43	0 45	17 59	0 14	4 2	1 52	26 40	12 59	6 32	6 9	16 53	18 50	4 37
T 17	23 36	16 49	2 1	21 8	0 44	23 20	0 5	13 33	0 57	11 37	1 15	22 44	0 45	18 0	0 14	4 2	1 52	26 41	12 59	6 33	6 11	16 51	18 50	4 37
F 18	23 36	10 41	0 47	21 28	0 36	23 28	0 8	13 17	0 56	11 37	1 16	22 44	0 45	18 1	0 14	4 2	1 52	26 41	12 59	6 34	6 12	16 48	18 50	4 37
S 19	23 36	4 6	0n28	21 48	0 27	23 35	0 10	13 0	0 55	11 38	1 16	22 44	0 45	18 1	0 14	4 2	1 52	26 42	13 0	6 34	6 13	16 45	18 50	4 37
S 20	23 36	2n33	1 40	22 7	0 20	23 41	0 13	12 44	0 54	11 39	1 16	22 45	0 45	18 2	0 14	4 2	1 52	26 43	13 0	6 34	6 14	16 42	18 51	4 38
M21	23 35	8 57	2 45	22 26	0 12	23 46	0 15	12 27	0 53	11 39	1 17	22 45	0 45	18 3	0 14	4 2	1 52	26 43	13 0	6 34	6 15	16 39	18 51	4 38
T 22	23 33	14 51	3 40	22 43	0 4	23 51	0 17	12 10	0 52	11 40	1 17	22 45	0 45	18 4	0 14	4 2	1 52	26 44	13 1	6 35	6 17	16 36	18 51	4 38
W23	23 31	19 57	4 21	23 0	0s 4	23 55	0 20	11 53	0 51	11 41	1 17	22 46	0 44	18 5	0 14	4 2	1 52	26 45	13 1	6 37	6 18	16 33	18 51	4 38
T 24	23 28	24 2	4 49	23 15	0 11	23 58	0 22	11 36	0 50	11 41	1 17	22 46	0 44	18 5	0 14	4 2	1 52	26 45	13 2	6 41	6 19	16 30	18 51	4 38
F 25	23 25	26 52	5 2	23 30	0 18	24 1	0 24	11 19	0 49	11 42	1 18	22 46	0 44	18 6	0 14	4 2	1 52	26 46	13 2	6 45	6 20	16 27	18 51	4 38
S 26	23 22	28 18	4 59	23 44	0 25	24 2	0 26	11 2	0 48	11 43	1 18	22 47	0 44	18 7	0 14	4 2	1 52	26 47	13 2	6 49	6 22	16 24	18 51	4 39
S 27	23 18	28 15	4 42	23 56	0 32	24 3	0 29	10 45	0 47	11 44	1 18	22 47	0 44	18 8	0 14	4 3	1 51	26 47	13 3	6 54	6 23	16 21	18 51	4 39
M28	23 14	26 49	4 13	24 7	0 39	24 4	0 31	10 27	0 47	11 45	1 19	22 47	0 44	18 8	0 14	4 3	1 51	26 48	13 3	6 59	6 24	16 18	18 51	4 39
T 29	23 9	24 8	3 32	24 17	0 46	24 3	0 33	10 10	0 46	11 47	1 19	22 48	0 44	18 9	0 14	4 3	1 51	26 49	13 3	7 3	6 25	16 15	18 51	4 39
W30	23 4	20 26	2 42	24 26	0 52	24 2	0 35	9 53	0 45	11 48	1 19	22 48	0 44	18 10	0 14	4 3	1 51	26 49	13 4	7 6	6 27	16 12	18 51	4 39
T 31	22s58	15n58	1n45	24s34	0s58	24s 0	0s38	9s35	0s44	11n49	1n19	22s48	0n44	18s10	0n14	4n 3	1s51	26n50	13n 4	7s 7	6s28	16n10	18s51	4n39

Julian Day Number = 1985102.5, Delta T = 57m22s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'04, Lahiri = 6°04'05 Julian Calendar 1 Dec. 722 == Greg. Calendar 5 Dec. 722

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ASTRODIENST EPHEMERIS for the year 723
geocentric

JANUARY 723 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 53 9	14♉ 2'58	3♍41	0♉ 7	9♉ 6	7♓59	2°R39	25♐49	22♏ 3	14♈31	21°R12	11°R55	13♓37	21♌54	25♐ 4	F 1
S 2	6 57 6	15° 4'00	15°28	1°39	10°22	8°43	2♍35	25°56	22° 5	14°31	21♌11	11°D55	13°34	22° 1	25°10	S 2
S 3	7 1 2	16° 5'01	27°20	3°12	11°37	9°28	2°32	26° 3	22° 8	14°32	21°10	11♓56	13°31	22° 7	25°16	S 3
M 4	7 4 59	17° 6'02	9♎22	4°46	12°52	10°12	2°28	26°10	22°10	14°32	21° 9	11°57	13°28	22°14	25°22	M 4
T 5	7 8 55	18° 7'02	21°38	6°21	14° 8	10°56	2°24	26°16	22°13	14°33	21° 8	11°R57	13°25	22°21	25°27	T 5
W 6	7 12 52	19° 8'01	4♏15	7°56	15°23	11°41	2°21	26°23	22°15	14°33	21° 6	11°56	13°21	22°27	25°33	W 6
T 7	7 16 48	20° 9'00	17°17	9°31	16°38	12°25	2°16	26°30	22°18	14°34	21° 5	11°52	13°18	22°34	25°39	T 7
F 8	7 20 45	21° 9'57	0♐46	11° 8	17°54	13° 9	2°12	26°36	22°20	14°34	21° 4	11°47	13°15	22°41	25°45	F 8
S 9	7 24 41	22°10'54	14°45	12°45	19° 9	13°54	2° 8	26°43	22°22	14°35	21° 3	11°40	13°12	22°47	25°50	S 9
S 10	7 28 38	23°11'50	29°11	14°23	20°24	14°38	2° 3	26°50	22°25	14°35	21° 1	11°32	13° 9	22°54	25°56	S 10
M11	7 32 35	24°12'46	14♉ 0	16° 1	21°40	15°22	1°58	26°56	22°27	14°36	21° 0	11°24	13° 6	23° 1	26° 1	M11
T 12	7 36 31	25°13'39	29° 2	17°40	22°55	16° 6	1°53	27° 3	22°29	14°37	20°59	11°17	13° 2	23° 7	26° 7	T 12
W13	7 40 28	26°14'32	14♒ 9	19°20	24°10	16°50	1°48	27° 9	22°31	14°37	20°57	11°12	12°59	23°14	26°12	W13
T 14	7 44 24	27°15'23	29°12	21° 1	25°25	17°34	1°43	27°16	22°33	14°38	20°56	11°10	12°56	23°21	26°18	T 14
F 15	7 48 21	28°16'13	14♓ 1	22°42	26°41	18°18	1°38	27°22	22°35	14°39	20°54	11°D 9	12°53	23°27	26°23	F 15
S 16	7 52 17	29°17'01	28°31	24°25	27°56	19° 2	1°32	27°28	22°37	14°40	20°53	11°10	12°50	23°34	26°29	S 16
S 17	7 56 14	0♒17'47	12♈40	26° 8	29°11	19°46	1°26	27°35	22°39	14°41	20°52	11°11	12°47	23°40	26°34	S 17
M18	8 0 10	1°18'32	26°25	27°52	0♒26	20°30	1°20	27°41	22°41	14°42	20°50	11°R12	12°43	23°47	26°39	M18
T 19	8 4 7	2°19'15	9♉50	29°36	1°41	21°14	1°14	27°47	22°43	14°43	20°49	11°12	12°40	23°54	26°45	T 19
W20	8 8 4	3°19'56	22°54	1♒22	2°57	21°58	1° 8	27°53	22°45	14°43	20°47	11°10	12°37	24° 0	26°50	W20
T 21	8 12 0	4°20'36	5♊42	3° 8	4°12	22°42	1° 2	28° 0	22°47	14°44	20°46	11° 7	12°34	24° 7	26°55	T 21
F 22	8 15 57	5°21'14	18°16	4°55	5°27	23°26	0°56	28° 6	22°48	14°46	20°44	11° 2	12°31	24°14	27° 0	F 22
S 23	8 19 53	6°21'50	0♋37	6°43	6°42	24°10	0°49	28°12	22°50	14°47	20°43	10°55	12°27	24°20	27° 5	S 23
S 24	8 23 50	7°22'24	12°49	8°32	7°57	24°53	0°43	28°18	22°52	14°48	20°41	10°49	12°24	24°27	27°10	S 24
M25	8 27 46	8°22'57	24°52	10°21	9°12	25°37	0°36	28°24	22°53	14°49	20°40	10°43	12°21	24°34	27°15	M25
T 26	8 31 43	9°23'28	6♌48	12°11	10°27	26°21	0°29	28°30	22°55	14°50	20°38	10°38	12°18	24°40	27°20	T 26
W27	8 35 39	10°23'58	18°40	14° 2	11°42	27° 4	0°22	28°36	22°56	14°51	20°37	10°34	12°15	24°47	27°25	W27
T 28	8 39 36	11°24'25	0♍28	15°53	12°57	27°48	0°15	28°41	22°57	14°52	20°35	10°32	12°12	24°54	27°30	T 28
F 29	8 43 33	12°24'51	12°15	17°45	14°12	28°31	0° 8	28°47	22°59	14°54	20°34	10°D32	12° 8	25° 0	27°35	F 29
S 30	8 47 29	13°25'16	24° 5	19°38	15°27	29°15	0° 1	28°53	23° 0	14°55	20°32	10°33	12° 5	25° 7	27°40	S 30
S 31	8 51 26	14♒25'39	5♎59	21♒31	16♒42	29♓58	29♌54	28♐59	23♏ 1	14♈56	20♌31	10♓34	12♓ 2	25♌14	27♐44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s52	10n54	0n44	24s40	1s 4	23s57	0s40	9s18	0s43	11n51	1n20	22s48	0n44	18s11	0n14	4n 3	1s51	26n51	13n 4	7s 8	6s29	16n 7	18s51	4n40
S 2	22 45	5 28	0s19	24 46	1 10	23 54	0 42	9 0	0 42	11 52	1 20	22 49	0 44	18 12	0 14	4 3	1 51	26 52	13 5	7 8	6 30	16 4	18 51	4 40
S 3	22 38	0s11	1 22	24 49	1 15	23 49	0 44	8 42	0 41	11 53	1 20	22 49	0 44	18 12	0 14	4 4	1 51	26 52	13 5	7 8	6 31	16 1	18 51	4 40
M 4	22 30	5 54	2 22	24 52	1 21	23 44	0 46	8 25	0 40	11 55	1 21	22 49	0 44	18 13	0 14	4 4	1 51	26 53	13 5	7 8	6 33	15 58	18 51	4 40
T 5	22 22	11 32	3 17	24 53	1 26	23 39	0 48	8 7	0 39	11 57	1 21	22 49	0 44	18 14	0 14	4 4	1 51	26 54	13 6	7 8	6 34	15 55	18 51	4 41
W 6	22 14	16 51	4 4	24 52	1 30	23 32	0 50	7 49	0 38	11 58	1 21	22 50	0 44	18 14	0 14	4 4	1 51	26 54	13 6	7 8	6 35	15 52	18 51	4 41
T 7	22 5	21 35	4 40	24 50	1 35	23 25	0 52	7 31	0 37	12 0	1 21	22 50	0 44	18 15	0 14	4 5	1 51	26 55	13 6	7 9	6 36	15 49	18 51	4 41
F 8	21 56	25 22	5 2	24 47	1 39	23 17	0 54	7 13	0 36	12 2	1 22	22 50	0 44	18 16	0 14	4 5	1 51	26 56	13 6	7 12	6 38	15 46	18 51	4 41
S 9	21 46	27 49	5 7	24 42	1 43	23 8	0 55	6 55	0 35	12 4	1 22	22 50	0 44	18 16	0 14	4 5	1 51	26 56	13 7	7 14	6 39	15 43	18 51	4 42
S 10	21 36	28 29	4 53	24 35	1 46	22 59	0 57	6 37	0 34	12 6	1 22	22 51	0 44	18 17	0 14	4 5	1 51	26 57	13 7	7 17	6 40	15 40	18 51	4 42
M11	21 25	27 10	4 20	24 27	1 50	22 49	0 59	6 19	0 33	12 8	1 22	22 51	0 44	18 17	0 14	4 6	1 51	26 58	13 7	7 20	6 41	15 37	18 51	4 42
T 12	21 14	23 53	3 28	24 17	1 53	22 38	1 1	6 1	0 33	12 10	1 23	22 51	0 43	18 18	0 14	4 6	1 50	26 59	13 7	7 23	6 42	15 34	18 51	4 42
W13	21 3	18 56	2 21	24 6	1 55	22 27	1 2	5 43	0 32	12 12	1 23	22 51	0 43	18 18	0 14	4 6	1 50	26 59	13 8	7 25	6 44	15 31	18 51	4 43
T 14	20 51	12 50	1 4	23 53	1 58	22 15	1 4	5 25	0 31	12 14	1 23	22 51	0 43	18 19	0 14	4 7	1 50	27 0	13 8	7 26	6 45	15 28	18 50	4 43
F 15	20 39	6 6	0n16	23 39	1 59	22 2	1 5	5 7	0 30	12 16	1 23	22 51	0 43	18 19	0 14	4 7	1 50	27 1	13 8	7 26	6 46	15 25	18 50	4 43
S 16	20 27	0n50	1 33	23 22	2 1	21 49	1 7	4 49	0 29	12 18	1 23	22 52	0 43	18 20	0 14	4 8	1 50	27 1	13 8	7 26	6 47	15 22	18 50	4 44
S 17	20 14	7 32	2 43	23 4	2 2	21 35	1 8	4 30	0 28	12 20	1 24	22 52	0 43	18 20	0 14	4 8	1 50	27 2	13 9	7 25	6 49	15 19	18 50	4 44
M18	20 0	13 42	3 41	22 44	2 3	21 20	1 10	4 12	0 27	12 23	1 24	22 52	0 43	18 21	0 14	4 8	1 50	27 3	13 9	7 25	6 50	15 16	18 50	4 44
T 19	19 47	19 3	4 26	22 23	2 3	21 5	1 11	3 54	0 26	12 25	1 24	22 52	0 43	18 21	0 14	4 9	1 50	27 3	13 9	7 25	6 51	15 13	18 50	4 44
W20	19 33	23 23	4 55	22 0	2 3	20 49	1 12	3 36	0 25	12 27	1 24	22 52	0 43	18 22	0 14	4 9	1 50	27 4	13 9	7 26	6 52	15 10	18 49	4 45
T 21	19 18	26 29	5 10	21 35	2 3	20 32	1 14	3 18	0 25	12 30	1 25	22 52	0 43	18 22	0 14	4 10	1 50	27 5	13 9	7 27	6 54	15 7	18 49	4 45
F 22	19 4	28 12	5 9	21 8	2 2	20 15	1 15	2 59	0 24	12 32	1 25	22 52	0 43	18 23	0 14	4 10	1 50	27 5	13 10	7 29	6 55	15 4	18 49	4 45
S 23	18 49	28 29	4 53	20 40	2 0	19 57	1 16	2 41	0 23	12 35	1 25	22 53	0 43	18 23	0 14	4 11	1 50	27 6	13 10	7 31	6 56	15 1	18 49	4 46
S 24	18 33	27 22	4 24	20 9	1 58	19 39	1 17	2 23	0 22	12 37	1 25	22 53	0 43	18 24	0 14	4 11	1 50	27 7	13 10	7 34	6 57	14 58	18 49	4 46
M25	18 18	24 59	3 44	19 37	1 55	19 20	1 18	2 5	0 21	12 40	1 25	22 53	0 43	18 24	0 14	4 11	1 50	27 7	13 10	7 36	6 58	14 55	18 48	4 46
T 26	18 2	21 31	2 54	19 3	1 52	19 1	1 19	1 46	0 20	12 43	1 26	22 53	0 43	18 24	0 14	4 12	1 50	27 8	13 10	7 38	7 0	14 52	18 48	4 47
W27	17 45	17 11	1 57	18 28	1 49	18 41	1 20	1 28	0 19	12 45	1 26	22 53	0 43	18 25	0 14	4 12	1 50	27 9	13 10	7 39	7 1	14 49	18 48	4 47
T 28	17 29	12 15	0 55	17 51	1 44	18 20	1 21	1 10	0 19	12 48	1 26	22 53	0 43	18 25	0 14	4 13	1 50	27 9	13 11	7 40	7 2	14 45	18 48	4 47
F 29	17 12	6 52	0s 9	17 12	1 40	17 59	1 22	0 52	0 18	12 51	1 26	22 53	0 43	18 25	0 14	4 14	1 49	27 10	13 11	7 40	7 3	14 42	18 47	4 48
S 30	16 55	1 14	1 14	16 31	1 34	17 37	1 22	0 34	0 17	12 53	1 26	22 53	0 43	18 26	0 14	4 14	1 49	27 11	13 11	7 40	7 4	14 39	18 47	4 48
S 31	16s37	4s28	2s16	15s49	1s28	17s15	1s23	0s15	0s16	12n56	1n26	22s53	0n43	18s26	0n14	4n15	1s49	27n11	13n11	7s39	7s 6	14n36	18s47	4n49

Julian Day Number = 1985133.5, Delta T = 57m21s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'09, Lahiri = 6°04'09 Julian Calendar 1 Jan. 723 == Greg. Calendar 5 Jan. 723

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 723
geocentric

FEBRUARY 723 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 55 22	15♒26'00	18♎ 2	23♒24	17♒57	0♈42	29°R46	29♐ 4	23♏ 3	14♈57	20°R29	10♓36	11♓59	25♌20	27♐49	M 1
T 2	8 59 19	16°26'20	0♏19	25°17	19°12	1°25	29♌39	29°10	23° 4	14°59	20♌28	10°38	11°56	25°27	27°54	T 2
W 3	9 3 15	17°26'39	12°53	27° 9	20°27	2° 8	29°32	29°15	23° 5	15° 0	20°26	10°R38	11°53	25°34	27°58	W 3
T 4	9 7 12	18°26'56	25°49	29° 2	21°42	2°52	29°24	29°21	23° 6	15° 1	20°25	10°38	11°49	25°40	28° 3	T 4
F 5	9 11 8	19°27'11	9♐11	0♓53	22°57	3°35	29°16	29°26	23° 7	15° 3	20°23	10°37	11°46	25°47	28° 7	F 5
S 6	9 15 5	20°27'25	23° 0	2°44	24°12	4°18	29° 9	29°31	23° 8	15° 4	20°22	10°35	11°43	25°54	28°12	S 6
S 7	9 19 2	21°27'38	7♑17	4°33	25°27	5° 2	29° 1	29°36	23° 9	15° 6	20°20	10°33	11°40	26° 0	28°16	S 7
M 8	9 22 58	22°27'49	21°59	6°20	26°42	5°45	28°53	29°42	23°10	15° 7	20°18	10°30	11°37	26° 7	28°20	M 8
T 9	9 26 55	23°27'58	7♒ 0	8° 5	27°57	6°28	28°46	29°47	23°10	15° 9	20°17	10°28	11°33	26°14	28°24	T 9
W10	9 30 51	24°28'05	22°12	9°47	29°12	7°11	28°38	29°52	23°11	15°10	20°15	10°27	11°30	26°20	28°29	W10
T 11	9 34 48	25°28'10	7♓26	11°26	0♓27	7°54	28°30	29°57	23°12	15°12	20°14	10°D26	11°27	26°27	28°33	T 11
F 12	9 38 44	26°28'13	22°31	13° 1	1°42	8°37	28°22	0♑ 2	23°12	15°14	20°12	10°26	11°24	26°33	28°37	F 12
S 13	9 42 41	27°28'14	7♈19	14°32	2°56	9°20	28°14	0° 7	23°13	15°15	20°11	10°27	11°21	26°40	28°41	S 13
S 14	9 46 37	28°28'13	21°44	15°58	4°11	10° 3	28° 7	0°11	23°13	15°17	20° 9	10°28	11°18	26°47	28°45	S 14
M15	9 50 34	29°28'10	5♉43	17°18	5°26	10°46	27°59	0°16	23°14	15°19	20° 8	10°29	11°14	26°53	28°48	M15
T 16	9 54 31	0♓28'04	19°16	18°33	6°41	11°29	27°51	0°21	23°14	15°20	20° 6	10°30	11°11	27° 0	28°52	T 16
W17	9 58 27	1°27'56	2♊25	19°41	7°55	12°11	27°43	0°25	23°15	15°22	20° 5	10°R30	11° 8	27° 7	28°56	W17
T 18	10 2 24	2°27'46	15°11	20°42	9°10	12°54	27°35	0°30	23°15	15°24	20° 3	10°29	11° 5	27°13	28°59	T 18
F 19	10 6 20	3°27'34	27°39	21°36	10°25	13°37	27°28	0°34	23°15	15°26	20° 2	10°29	11° 2	27°20	29° 3	F 19
S 20	10 10 17	4°27'19	9♋52	22°22	11°39	14°20	27°20	0°38	23°15	15°27	20° 0	10°28	10°59	27°27	29° 7	S 20
S 21	10 14 13	5°27'02	21°54	23° 0	12°54	15° 2	27°12	0°43	23°16	15°29	19°59	10°27	10°55	27°33	29°10	S 21
M22	10 18 10	6°26'43	3♌48	23°30	14° 9	15°45	27° 4	0°47	23°16	15°31	19°57	10°27	10°52	27°40	29°13	M22
T 23	10 22 6	7°26'21	15°38	23°51	15°23	16°27	26°57	0°51	23°R16	15°33	19°56	10°26	10°49	27°47	29°17	T 23
W24	10 26 3	8°25'58	27°26	24° 5	16°38	17°10	26°49	0°55	23°16	15°35	19°54	10°26	10°46	27°53	29°20	W24
T 25	10 30 0	9°25'32	9♍14	24°R 9	17°52	17°52	26°42	0°59	23°16	15°37	19°53	10°D26	10°43	28° 0	29°23	T 25
F 26	10 33 56	10°25'04	21° 5	24° 6	19° 7	18°35	26°34	1° 3	23°16	15°39	19°51	10°R26	10°39	28° 7	29°26	F 26
S 27	10 37 53	11°24'34	3♎ 1	23°55	20°21	19°17	26°27	1° 7	23°15	15°40	19°50	10°26	10°36	28°13	29°29	S 27
S 28	10 41 49	12♓24'02	15♎ 3	23♓37	21♓36	20♈ 0	26♌20	1♑10	23♏15	15♈42	19♌48	10♓26	10♓33	28♌20	29♐32	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s19	10s 5	3s12	15s 6	1s21	16s53	1s24	0n 3	0s15	12n59	1n27	22s53	0n43	18s26	0n14	4n15	1s49	27n12	13n11	7s39	7s 7	14n33	18s46	4n49
T 2	16 1	15 25	4 1	14 21	1 14	16 30	1 24	0 21	0 14	13 2	1 27	22 53	0 43	18 27	0 14	4 16	1 49	27 13	13 11	7 38	7 8	14 30	18 46	4 49
W 3	15 43	20 15	4 40	13 35	1 6	16 6	1 25	0 39	0 14	13 4	1 27	22 53	0 43	18 27	0 14	4 16	1 49	27 13	13 11	7 38	7 9	14 27	18 46	4 50
T 4	15 24	24 17	5 5	12 47	0 57	15 43	1 25	0 57	0 13	13 7	1 27	22 53	0 43	18 27	0 14	4 17	1 49	27 14	13 11	7 38	7 11	14 24	18 45	4 50
F 5	15 5	27 11	5 16	11 59	0 48	15 18	1 25	1 15	0 12	13 10	1 27	22 54	0 43	18 27	0 14	4 18	1 49	27 14	13 11	7 38	7 12	14 21	18 45	4 50
S 6	14 46	28 33	5 8	11 10	0 38	14 54	1 26	1 33	0 11	13 13	1 27	22 54	0 43	18 28	0 14	4 18	1 49	27 15	13 12	7 39	7 13	14 18	18 45	4 51
S 7	14 27	28 6	4 42	10 20	0 27	14 28	1 26	1 51	0 10	13 16	1 27	22 54	0 43	18 28	0 14	4 19	1 49	27 16	13 12	7 40	7 14	14 15	18 44	4 51
M 8	14 7	25 42	3 57	9 30	0 16	14 3	1 26	2 9	0 10	13 18	1 27	22 54	0 43	18 28	0 14	4 19	1 49	27 16	13 12	7 41	7 15	14 12	18 44	4 52
T 9	13 48	21 28	2 55	8 40	0 4	13 37	1 26	2 27	0 9	13 21	1 28	22 54	0 43	18 28	0 14	4 20	1 49	27 17	13 12	7 42	7 17	14 9	18 44	4 52
W10	13 27	15 46	1 39	7 50	0n 8	13 11	1 26	2 45	0 8	13 24	1 28	22 54	0 43	18 29	0 14	4 21	1 49	27 17	13 12	7 42	7 18	14 6	18 43	4 53
T 11	13 7	9 6	0 17	7 0	0 21	12 44	1 26	3 3	0 7	13 27	1 28	22 54	0 43	18 29	0 14	4 21	1 49	27 18	13 12	7 42	7 19	14 3	18 43	4 53
F 12	12 47	1 58	1n 6	6 11	0 34	12 17	1 26	3 20	0 6	13 30	1 28	22 54	0 43	18 29	0 14	4 22	1 49	27 18	13 12	7 42	7 20	13 59	18 43	4 53
S 13	12 26	5n 7	2 24	5 24	0 48	11 50	1 26	3 38	0 6	13 32	1 28	22 54	0 43	18 29	0 14	4 23	1 49	27 19	13 12	7 42	7 22	13 56	18 42	4 54
S 14	12 5	11 46	3 30	4 38	1 2	11 22	1 26	3 56	0 5	13 35	1 28	22 54	0 43	18 29	0 14	4 23	1 49	27 19	13 12	7 42	7 23	13 53	18 42	4 54
M15	11 44	17 37	4 21	3 53	1 16	10 54	1 25	4 14	0 4	13 38	1 28	22 54	0 43	18 29	0 14	4 24	1 49	27 20	13 12	7 41	7 24	13 50	18 41	4 55
T 16	11 23	22 24	4 56	3 11	1 30	10 26	1 25	4 31	0 3	13 41	1 28	22 54	0 43	18 29	0 14	4 25	1 49	27 21	13 12	7 41	7 25	13 47	18 41	4 55
W17	11 2	25 55	5 14	2 32	1 44	9 58	1 25	4 49	0 3	13 44	1 28	22 54	0 43	18 29	0 14	4 25	1 49	27 21	13 12	7 41	7 26	13 44	18 41	4 56
T 18	10 40	28 1	5 16	1 55	1 57	9 29	1 24	5 6	0 2	13 46	1 28	22 54	0 43	18 29	0 14	4 26	1 49	27 22	13 12	7 41	7 28	13 41	18 40	4 56
F 19	10 18	28 38	5 3	1 21	2 11	9 0	1 24	5 24	0 1	13 49	1 28	22 54	0 43	18 30	0 14	4 27	1 49	27 22	13 12	7 41	7 29	13 38	18 40	4 56
S 20	9 57	27 50	4 37	0 51	2 24	8 31	1 23	5 41	0 0	13 52	1 28	22 54	0 43	18 30	0 14	4 28	1 48	27 22	13 12	7 42	7 30	13 35	18 39	4 57
S 21	9 35	25 44	3 58	0 25	2 36	8 2	1 22	5 58	0n 0	13 55	1 28	22 54	0 43	18 30	0 14	4 28	1 48	27 23	13 12	7 42	7 31	13 31	18 39	4 57
M22	9 13	22 31	3 10	0 2	2 47	7 32	1 22	6 15	0 1	13 57	1 28	22 54	0 43	18 30	0 14	4 29	1 48	27 23	13 12	7 42	7 32	13 28	18 38	4 58
T 23	8 50	18 23	2 14	0n16	2 58	7 2	1 21	6 33	0 2	14 0	1 28	22 54	0 43	18 30	0 14	4 30	1 48	27 24	13 12	7 42	7 34	13 25	18 38	4 58
W24	8 28	13 34	1 12	0 30	3 8	6 32	1 20	6 50	0 3	14 2	1 28	22 54	0 43	18 30	0 14	4 31	1 48	27 24	13 12	7 42	7 35	13 22	18 38	4 59
T 25	8 5	8 16	0 7	0 40	3 16	6 2	1 19	7 7	0 3	14 5	1 28	22 54	0 43	18 30	0 14	4 31	1 48	27 25	13 12	7 42	7 36	13 19	18 37	4 59
F 26	7 43	2 39	0s59	0 45	3 23	5 32	1 18	7 24	0 4	14 8	1 28	22 54	0 42	18 30	0 14	4 32	1 48	27 25	13 12	7 42	7 37	13 16	18 37	5 0
S 27	7 20	3s 4	2 2	0 46	3 29	5 2	1 17	7 40	0 5	14 10	1 28	22 54	0 42	18 30	0 14	4 33	1 48	27 26	13 11	7 42	7 39	13 13	18 36	5 0
S 28	6s57	8s45	3s 1	0n42	3n33	4s31	1s16	7n57	0n 5	14n13	1n28	22s54	0n42	18s29	0n14	4n34	1s48	27n26	13n11	7s42	7s40	13n10	18s36	5n 1

Julian Day Number = 1985164.5, Delta T = 57m20s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'13, Lahiri = 6°04'13 Julian Calendar 1 Feb. 723 == Greg. Calendar 5 Feb. 723

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ASTRODIENST EPHEMERIS for the year 723
geocentric

MARCH 723 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 45 46	13♓23'28	27♎15	23°R11	22♓50	20♈42	26°R12	1♉14	23°R15	15♈44	19°R47	10°R26	10♓30	28♌26	29♐35	M 1
T 2	10 49 42	14°22'52	9♏39	22♓39	24° 5	21°24	26♌ 5	1°18	23♏15	15°46	19♌46	10♓25	10°27	28°33	29°38	T 2
W 3	10 53 39	15°22'14	22°18	22° 2	25°19	22° 6	25°58	1°21	23°14	15°48	19°44	10°25	10°24	28°40	29°40	W 3
T 4	10 57 35	16°21'35	5♐14	21°20	26°34	22°49	25°51	1°24	23°14	15°50	19°43	10°24	10°20	28°46	29°43	T 4
F 5	11 1 32	17°20'53	18°31	20°34	27°48	23°31	25°44	1°28	23°13	15°52	19°42	10°D24	10°17	28°53	29°45	F 5
S 6	11 5 29	18°20'10	2♑11	19°45	29° 2	24°13	25°38	1°31	23°13	15°54	19°40	10°24	10°14	29° 0	29°48	S 6
S 7	11 9 25	19°19'26	16°14	18°55	0♈17	24°55	25°31	1°34	23°12	15°56	19°39	10°25	10°11	29° 6	29°50	S 7
M 8	11 13 22	20°18'39	0♒39	18° 4	1°31	25°37	25°24	1°37	23°11	15°59	19°38	10°26	10° 8	29°13	29°53	M 8
T 9	11 17 18	21°17'50	15°24	17°14	2°45	26°19	25°18	1°40	23°11	16° 1	19°36	10°27	10° 5	29°20	29°55	T 9
W10	11 21 15	22°17'00	0♓23	16°24	4° 0	27° 1	25°12	1°43	23°10	16° 3	19°35	10°27	10° 1	29°26	29°57	W10
T 11	11 25 11	23°16'07	15°29	15°37	5°14	27°43	25° 5	1°46	23° 9	16° 5	19°34	10°R27	9°58	29°33	29°59	T 11
F 12	11 29 8	24°15'13	0♈33	14°53	6°28	28°25	24°59	1°48	23° 8	16° 7	19°33	10°27	9°55	29°40	0♑ 1	F 12
S 13	11 33 4	25°14'16	15°26	14°13	7°42	29° 6	24°53	1°51	23° 7	16° 9	19°31	10°25	9°52	29°46	0° 3	S 13
S 14	11 37 1	26°13'17	29°59	13°37	8°56	29°48	24°47	1°53	23° 7	16°11	19°30	10°23	9°49	29°53	0° 5	S 14
M15	11 40 57	27°12'16	14♉10	13° 5	10°11	0♉30	24°42	1°56	23° 6	16°13	19°29	10°21	9°45	29°59	0° 7	M15
T 16	11 44 54	28°11'12	27°53	12°39	11°25	1°12	24°36	1°58	23° 5	16°16	19°28	10°19	9°42	0♍ 6	0° 8	T 16
W17	11 48 51	29°10'07	11♊ 9	12°18	12°39	1°53	24°31	2° 0	23° 3	16°18	19°27	10°18	9°39	0°13	0°10	W17
T 18	11 52 47	0♈ 8'59	24° 0	12° 2	13°53	2°35	24°26	2° 3	23° 2	16°20	19°26	10°17	9°36	0°19	0°11	T 18
F 19	11 56 44	1° 7'48	6♋29	11°51	15° 7	3°16	24°20	2° 5	23° 1	16°22	19°25	10°D17	9°33	0°26	0°13	F 19
S 20	12 0 40	2° 6'35	18°40	11°D46	16°21	3°58	24°16	2° 7	23° 0	16°24	19°24	10°17	9°30	0°33	0°14	S 20
S 21	12 4 37	3° 5'20	0♌39	11°47	17°35	4°39	24°11	2° 8	22°59	16°27	19°23	10°19	9°26	0°39	0°16	S 21
M22	12 8 33	4° 4'03	12°30	11°52	18°49	5°21	24° 6	2°10	22°57	16°29	19°21	10°21	9°23	0°46	0°17	M22
T 23	12 12 30	5° 2'43	24°17	12° 3	20° 3	6° 2	24° 2	2°12	22°56	16°31	19°21	10°22	9°20	0°53	0°18	T 23
W24	12 16 26	6° 1'21	6♍ 5	12°18	21°17	6°44	23°57	2°13	22°55	16°33	19°20	10°R23	9°17	0°59	0°19	W24
T 25	12 20 23	6°59'57	17°56	12°39	22°30	7°25	23°53	2°15	22°53	16°35	19°19	10°23	9°14	1° 6	0°20	T 25
F 26	12 24 20	7°58'31	29°53	13° 3	23°44	8° 6	23°49	2°16	22°52	16°38	19°18	10°21	9°10	1°13	0°21	F 26
S 27	12 28 16	8°57'03	11♎58	13°33	24°58	8°48	23°45	2°18	22°50	16°40	19°17	10°18	9° 7	1°19	0°21	S 27
S 28	12 32 13	9°55'33	24°14	14° 6	26°12	9°29	23°42	2°19	22°49	16°42	19°16	10°14	9° 4	1°26	0°22	S 28
M29	12 36 9	10°54'01	6♏41	14°43	27°26	10°10	23°38	2°20	22°47	16°44	19°15	10° 9	9° 1	1°33	0°23	M29
T 30	12 40 6	11°52'27	19°20	15°25	28°39	10°51	23°35	2°21	22°45	16°47	19°14	10° 4	8°58	1°39	0°23	T 30
W31	12 44 2	12♈50'52	2♐13	16♓ 9	29♈53	11♉32	23♌32	2♑22	22♏44	16♈49	19♌13	9♓59	8♓55	1♍46	0♑24	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s34	14s10	3s52	0n34	3n36	4s 0	1s15	8n14	0n 6	14n15	1n28	22s54	0n42	18s29	0n14	4n34	1s48	27n26	13n11	7s43	7s41	13n 6	18s35	5n 1
T 2	6 11	19 7	4 33	0 22	3 36	3 30	1 14	8 30	0 7	14 18	1 28	22 54	0 42	18 29	0 14	4 35	1 48	27 27	13 11	7 43	7 42	13 3	18 35	5 2
W 3	5 48	23 20	5 2	0 6	3 35	2 59	1 12	8 47	0 7	14 20	1 28	22 54	0 42	18 29	0 14	4 36	1 48	27 27	13 11	7 43	7 43	13 0	18 34	5 2
T 4	5 25	26 30	5 16	0s13	3 32	2 28	1 11	9 3	0 8	14 22	1 28	22 54	0 42	18 29	0 14	4 37	1 48	27 27	13 11	7 43	7 45	12 57	18 34	5 3
F 5	5 2	28 20	5 14	0 35	3 27	1 57	1 10	9 20	0 9	14 25	1 28	22 53	0 42	18 29	0 14	4 38	1 48	27 28	13 11	7 43	7 46	12 54	18 33	5 3
S 6	4 39	28 30	4 55	1 0	3 21	1 26	1 8	9 36	0 10	14 27	1 28	22 53	0 42	18 29	0 14	4 38	1 48	27 28	13 11	7 43	7 47	12 51	18 33	5 4
S 7	4 15	26 53	4 18	1 28	3 13	0 54	1 7	9 52	0 10	14 29	1 28	22 53	0 42	18 29	0 14	4 39	1 48	27 28	13 11	7 43	7 48	12 48	18 32	5 4
M 8	3 52	23 28	3 23	1 57	3 3	0 23	1 5	10 8	0 11	14 31	1 28	22 53	0 42	18 29	0 14	4 40	1 48	27 29	13 11	7 43	7 49	12 44	18 32	5 5
T 9	3 28	18 28	2 15	2 27	2 52	0n 8	1 4	10 24	0 12	14 33	1 28	22 53	0 42	18 28	0 14	4 41	1 48	27 29	13 10	7 42	7 51	12 41	18 31	5 5
W10	3 5	12 17	0 56	2 57	2 39	0 39	1 2	10 40	0 12	14 35	1 28	22 53	0 42	18 28	0 14	4 42	1 48	27 29	13 10	7 42	7 52	12 38	18 31	5 6
T 11	2 41	5 20	0n28	3 28	2 26	1 10	1 0	10 56	0 13	14 38	1 28	22 53	0 42	18 28	0 14	4 43	1 48	27 30	13 10	7 42	7 53	12 35	18 30	5 6
F 12	2 18	1n53	1 49	3 58	2 12	1 41	0 59	11 12	0 14	14 40	1 28	22 53	0 42	18 28	0 14	4 43	1 48	27 30	13 10	7 42	7 54	12 32	18 30	5 7
S 13	1 54	8 54	3 2	4 28	1 57	2 13	0 57	11 27	0 14	14 41	1 28	22 53	0 42	18 28	0 14	4 44	1 48	27 30	13 10	7 43	7 55	12 29	18 29	5 7
S 14	1 31	15 18	4 1	4 56	1 41	2 44	0 55	11 43	0 15	14 43	1 28	22 53	0 42	18 27	0 14	4 45	1 48	27 30	13 10	7 43	7 57	12 25	18 29	5 8
M15	1 7	20 43	4 44	5 23	1 25	3 15	0 53	11 58	0 15	14 45	1 27	22 53	0 42	18 27	0 14	4 46	1 48	27 31	13 9	7 44	7 58	12 22	18 28	5 8
T 16	0 44	24 50	5 9	5 47	1 9	3 46	0 51	12 13	0 16	14 47	1 27	22 53	0 42	18 27	0 14	4 47	1 48	27 31	13 9	7 45	7 59	12 19	18 28	5 9
W17	0 20	27 29	5 16	6 10	0 54	4 17	0 49	12 28	0 17	14 49	1 27	22 53	0 42	18 26	0 14	4 48	1 48	27 31	13 9	7 46	8 0	12 16	18 27	5 9
T 18	0n 4	28 35	5 7	6 31	0 38	4 47	0 47	12 43	0 17	14 50	1 27	22 53	0 42	18 26	0 14	4 49	1 48	27 31	13 9	7 46	8 1	12 13	18 26	5 10
F 19	0 27	28 10	4 44	6 49	0 22	5 18	0 45	12 58	0 18	14 52	1 27	22 53	0 42	18 26	0 14	4 49	1 48	27 31	13 9	7 46	8 3	12 10	18 26	5 10
S 20	0 51	26 23	4 8	7 5	0 7	5 49	0 43	13 13	0 19	14 53	1 27	22 53	0 42	18 26	0 14	4 50	1 48	27 32	13 8	7 46	8 4	12 6	18 25	5 11
S 21	1 14	23 26	3 22	7 18	0s 7	6 19	0 41	13 28	0 19	14 55	1 27	22 53	0 42	18 25	0 14	4 51	1 48	27 32	13 8	7 45	8 5	12 3	18 25	5 12
M22	1 38	19 32	2 28	7 29	0 22	6 50	0 39	13 42	0 20	14 56	1 27	22 53	0 42	18 25	0 14	4 52	1 48	27 32	13 8	7 45	8 6	12 0	18 24	5 12
T 23	2 1	14 54	1 28	7 38	0 35	7 20	0 36	13 57	0 20	14 58	1 26	22 53	0 42	18 25	0 14	4 53	1 48	27 32	13 8	7 44	8 7	11 57	18 24	5 13
W24	2 24	9 43	0 24	7 44	0 48	7 50	0 34	14 11	0 21	14 59	1 26	22 53	0 42	18 24	0 14	4 54	1 48	27 32	13 8	7 44	8 9	11 54	18 23	5 13
T 25	2 48	4 10	0s41	7 48	1 1	8 20	0 32	14 25	0 22	15 0	1 26	22 53	0 42	18 24	0 14	4 55	1 48	27 32	13 7	7 44	8 10	11 50	18 23	5 14
F 26	3 11	1s33	1 45	7 49	1 12	8 49	0 30	14 39	0 22	15 2	1 26	22 53	0 42	18 24	0 14	4 55	1 48	27 32	13 7	7 44	8 11	11 47	18 22	5 14
S 27	3 34	7 17	2 45	7 48	1 23	9 19	0 27	14 53	0 23	15 3	1 26	22 53	0 42	18 23	0 14	4 56	1 48	27 32	13 7	7 45	8 12	11 44	18 22	5 15
S 28	3 57	12 50	3 38	7 44	1 34	9 48	0 25	15 7	0 23	15 4	1 26	22 53	0 42	18 23	0 14	4 57	1 48	27 32	13 7	7 47	8 14	11 41	18 21	5 15
M29	4 21	17 56	4 21	7 39	1 44	10 17	0 22	15 21	0 24	15 5	1 26	22 53	0 42	18 22	0 14	4 58	1 48	27 32	13 6	7 49	8 15	11 38	18 21	5 16
T 30	4 44	22 22	4 52	7 31	1 53	10 46	0 20	15 34	0 25	15 6	1 25	22 53	0 42	18 22	0 14	4 59	1 48	27 33	13 6	7 51	8 16	11 34	18 20	5 16
W31	5n 7	25s48	5s 9	7s21	2s 1	11n14	0s18	15n48	0n25	15n 7	1n25	22s53	0n42	18s21	0n14	5n 0	1s48	27n33	13n 6	7s53	8s17	11n31	18s20	5n17

Julian Day Number = 1985192.5, Delta T = 57m20s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'17, Lahiri = 6°04'17 Julian Calendar 1 March 723 == Greg. Calendar 5 March 723

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ASTRODIENST EPHEMERIS for the year 723
geocentric

APRIL 723 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 47 59	13♈49'15	15♐19	16♓58	1♉ 7	12♉13	23°R29	2♋22	22°R42	16♈51	19°R13	9°R55	8♓51	1♍53	0♋24	T 1
F 2	12 51 55	14°47'36	28°41	17°50	2°20	12°54	23♌26	2°23	22♏40	16°53	19♌12	9♓52	8°48	1°59	0°24	F 2
S 3	12 55 52	15°45'56	12♋18	18°44	3°34	13°35	23°23	2°24	22°39	16°56	19°11	9°D51	8°45	2° 6	0°24	S 3
S 4	12 59 49	16°44'14	26°12	19°42	4°48	14°16	23°21	2°24	22°37	16°58	19°10	9°51	8°42	2°12	0°25	S 4
M 5	13 3 45	17°42'31	10♒22	20°43	6° 1	14°57	23°19	2°25	22°35	17° 0	19°10	9°53	8°39	2°19	0°R25	M 5
T 6	13 7 42	18°40'46	24°47	21°47	7°15	15°38	23°17	2°25	22°33	17° 2	19° 9	9°54	8°36	2°26	0°25	T 6
W 7	13 11 38	19°38'59	9♓24	22°53	8°28	16°19	23°15	2°25	22°31	17° 5	19° 9	9°R55	8°32	2°32	0°24	W 7
T 8	13 15 35	20°37'11	24° 9	24° 2	9°42	17° 0	23°13	2°25	22°29	17° 7	19° 8	9°54	8°29	2°39	0°24	T 8
F 9	13 19 31	21°35'21	8♈56	25°14	10°55	17°40	23°12	2°R25	22°27	17° 9	19° 7	9°51	8°26	2°46	0°24	F 9
S 10	13 23 28	22°33'29	23°37	26°28	12° 8	18°21	23°10	2°25	22°25	17°11	19° 7	9°47	8°23	2°52	0°23	S 10
S 11	13 27 24	23°31'36	8♉ 5	27°44	13°22	19° 2	23° 9	2°25	22°23	17°14	19° 6	9°40	8°20	2°59	0°23	S 11
M12	13 31 21	24°29'41	22°14	29° 3	14°35	19°42	23° 8	2°25	22°21	17°16	19° 6	9°33	8°16	3° 6	0°22	M12
T 13	13 35 18	25°27'44	5♊59	0♈23	15°49	20°23	23° 7	2°24	22°19	17°18	19° 5	9°26	8°13	3°12	0°22	T 13
W14	13 39 14	26°25'45	19°18	1°46	17° 2	21° 4	23° 7	2°24	22°17	17°20	19° 5	9°20	8°10	3°19	0°21	W14
T 15	13 43 11	27°23'44	2♋13	3°12	18°15	21°44	23° 6	2°23	22°15	17°23	19° 5	9°15	8° 7	3°26	0°20	T 15
F 16	13 47 7	28°21'42	14°45	4°39	19°28	22°25	23° 6	2°23	22°12	17°25	19° 4	9°12	8° 4	3°32	0°19	F 16
S 17	13 51 4	29°19'38	26°58	6° 9	20°42	23° 5	23°D 6	2°22	22°10	17°27	19° 4	9°D11	8° 1	3°39	0°18	S 17
S 18	13 55 0	0♉17'31	8♌57	7°40	21°55	23°46	23° 6	2°21	22° 8	17°29	19° 4	9°11	7°57	3°46	0°17	S 18
M19	13 58 57	1°15'23	20°48	9°14	23° 8	24°26	23° 6	2°20	22° 6	17°32	19° 3	9°12	7°54	3°52	0°16	M19
T 20	14 2 53	2°13'13	2♍36	10°50	24°21	25° 6	23° 7	2°19	22° 4	17°34	19° 3	9°13	7°51	3°59	0°15	T 20
W21	14 6 50	3°11'01	14°25	12°27	25°34	25°47	23° 8	2°18	22° 1	17°36	19° 3	9°R13	7°48	4° 5	0°14	W21
T 22	14 10 47	4° 8'48	26°20	14° 7	26°47	26°27	23° 9	2°17	21°59	17°38	19° 3	9°12	7°45	4°12	0°13	T 22
F 23	14 14 43	5° 6'32	8♎24	15°49	28° 0	27° 7	23°10	2°15	21°57	17°40	19° 3	9° 8	7°42	4°19	0°11	F 23
S 24	14 18 40	6° 4'16	20°41	17°33	29°13	27°47	23°11	2°14	21°54	17°43	19° 2	9° 2	7°38	4°25	0°10	S 24
S 25	14 22 36	7° 1'57	3♏12	19°19	0♊26	28°28	23°12	2°12	21°52	17°45	19° 2	8°53	7°35	4°32	0° 8	S 25
M26	14 26 33	7°59'38	15°57	21° 7	1°39	29° 8	23°14	2°11	21°50	17°47	19° 2	8°44	7°32	4°39	0° 6	M26
T 27	14 30 29	8°57'17	28°57	22°58	2°52	29°48	23°16	2° 9	21°47	17°49	19°D 2	8°33	7°29	4°45	0° 5	T 27
W28	14 34 26	9°54'55	12♐11	24°50	4° 4	0♊28	23°17	2° 7	21°45	17°51	19° 2	8°23	7°26	4°52	0° 3	W28
T 29	14 38 22	10°52'31	25°36	26°44	5°17	1° 8	23°20	2° 6	21°42	17°53	19° 2	8°15	7°22	4°59	0° 1	T 29
F 30	14 42 19	11♉50'07	9♋13	28♈40	6♊30	1♊48	23♌22	2♋ 4	21♏40	17♈55	19♌ 2	8♓ 9	7♓19	5♍ 5	29♐59	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n29	27s56	5s11	7s 9	2s 9	11n42	0s15	16n 1	0n26	15n 8	1n25	22s53	0n42	18s21	0n14	5n 1	1s48	27n33	13n 6	7s54	8s18	11n28	18s19	5n17
F 2	5 52	28 31	4 55	6 55	2 16	12 10	0 13	16 14	0 26	15 8	1 25	22 53	0 42	18 21	0 14	5 2	1 48	27 33	13 5	7 55	8 20	11 25	18 18	5 18
S 3	6 15	27 24	4 24	6 40	2 22	12 38	0 10	16 27	0 27	15 9	1 25	22 53	0 42	18 20	0 14	5 2	1 48	27 33	13 5	7 56	8 21	11 22	18 18	5 18
S 4	6 37	24 35	3 36	6 22	2 28	13 5	0 8	16 40	0 27	15 10	1 25	22 53	0 42	18 20	0 14	5 3	1 48	27 33	13 5	7 56	8 22	11 18	18 17	5 19
M 5	7 0	20 14	2 34	6 2	2 33	13 32	0 5	16 53	0 28	15 10	1 24	22 53	0 42	18 19	0 14	5 4	1 48	27 33	13 5	7 55	8 23	11 15	18 17	5 20
T 6	7 22	14 38	1 21	5 41	2 37	13 59	0 2	17 5	0 28	15 11	1 24	22 53	0 42	18 19	0 14	5 5	1 48	27 32	13 4	7 55	8 24	11 12	18 16	5 20
W 7	7 44	8 8	0 3	5 18	2 41	14 26	0n 0	17 18	0 29	15 11	1 24	22 53	0 42	18 18	0 14	5 6	1 48	27 32	13 4	7 54	8 25	11 9	18 16	5 21
T 8	8 6	1 10	1n17	4 53	2 44	14 52	0 3	17 30	0 30	15 12	1 24	22 53	0 42	18 18	0 14	5 7	1 48	27 32	13 4	7 55	8 27	11 5	18 15	5 21
F 9	8 28	5n53	2 31	4 27	2 46	15 17	0 5	17 42	0 30	15 12	1 24	22 53	0 42	18 17	0 14	5 8	1 48	27 32	13 4	7 56	8 28	11 2	18 15	5 22
S 10	8 50	12 33	3 35	3 59	2 48	15 43	0 8	17 54	0 31	15 12	1 24	22 53	0 42	18 17	0 14	5 8	1 48	27 32	13 3	7 57	8 29	10 59	18 14	5 22
S 11	9 12	18 27	4 23	3 30	2 49	16 8	0 11	18 6	0 31	15 12	1 23	22 53	0 42	18 16	0 14	5 9	1 48	27 32	13 3	8 0	8 30	10 56	18 14	5 23
M12	9 33	23 12	4 55	2 59	2 50	16 32	0 13	18 18	0 32	15 13	1 23	22 53	0 42	18 16	0 14	5 10	1 48	27 32	13 3	8 3	8 31	10 52	18 13	5 23
T 13	9 55	26 30	5 8	2 26	2 50	16 56	0 16	18 29	0 32	15 13	1 23	22 53	0 42	18 15	0 14	5 11	1 48	27 32	13 2	8 5	8 33	10 49	18 13	5 24
W14	10 16	28 13	5 4	1 53	2 49	17 20	0 18	18 40	0 33	15 13	1 23	22 53	0 42	18 15	0 14	5 12	1 48	27 32	13 2	8 8	8 34	10 46	18 12	5 24
T 15	10 37	28 20	4 44	1 17	2 48	17 43	0 21	18 52	0 33	15 13	1 23	22 53	0 42	18 14	0 14	5 13	1 48	27 32	13 2	8 9	8 35	10 43	18 12	5 25
F 16	10 58	26 57	4 12	0 41	2 46	18 6	0 24	19 3	0 34	15 13	1 23	22 53	0 42	18 13	0 14	5 14	1 48	27 31	13 1	8 11	8 36	10 40	18 11	5 25
S 17	11 19	24 19	3 28	0 3	2 44	18 28	0 26	19 13	0 34	15 12	1 22	22 53	0 42	18 13	0 14	5 14	1 48	27 31	13 1	8 11	8 37	10 36	18 11	5 26
S 18	11 39	20 39	2 36	0n36	2 41	18 50	0 29	19 24	0 35	15 12	1 22	22 53	0 42	18 12	0 14	5 15	1 48	27 31	13 1	8 11	8 39	10 33	18 10	5 26
M19	12 0	16 12	1 38	1 16	2 38	19 12	0 31	19 35	0 35	15 12	1 22	22 53	0 42	18 12	0 14	5 16	1 48	27 31	13 1	8 10	8 40	10 30	18 10	5 27
T 20	12 20	11 11	0 36	1 58	2 33	19 32	0 34	19 45	0 36	15 12	1 22	22 53	0 42	18 11	0 14	5 17	1 48	27 31	13 0	8 10	8 41	10 27	18 9	5 27
W21	12 40	5 45	0s28	2 40	2 29	19 53	0 37	19 55	0 36	15 11	1 22	22 53	0 42	18 11	0 14	5 18	1 48	27 30	13 0	8 10	8 42	10 23	18 9	5 28
T 22	12 59	0 5	1 31	3 24	2 24	20 13	0 39	20 5	0 37	15 11	1 21	22 53	0 42	18 10	0 14	5 19	1 48	27 30	13 0	8 11	8 43	10 20	18 8	5 28
F 23	13 19	5s39	2 30	4 9	2 18	20 32	0 42	20 15	0 37	15 10	1 21	22 53	0 42	18 9	0 14	5 19	1 48	27 30	12 59	8 12	8 45	10 17	18 8	5 29
S 24	13 38	11 16	3 23	4 55	2 12	20 51	0 44	20 25	0 38	15 10	1 21	22 53	0 42	18 9	0 14	5 20	1 48	27 30	12 59	8 14	8 46	10 13	18 7	5 29
S 25	13 57	16 32	4 8	5 41	2 5	21 9	0 47	20 34	0 38	15 9	1 21	22 53	0 42	18 8	0 14	5 21	1 48	27 29	12 59	8 18	8 47	10 10	18 7	5 30
M26	14 16	21 12	4 41	6 29	1 58	21 26	0 49	20 44	0 38	15 8	1 21	22 53	0 42	18 8	0 14	5 22	1 48	27 29	12 58	8 21	8 48	10 7	18 6	5 30
T 27	14 35	24 56	5 0	7 17	1 50	21 43	0 52	20 53	0 39	15 7	1 20	22 53	0 42	18 7	0 14	5 23	1 48	27 29	12 58	8 25	8 49	10 4	18 6	5 31
W28	14 53	27 25	5 3	8 6	1 42	22 0	0 54	21 2	0 39	15 7	1 20	22 54	0 42	18 6	0 14	5 23	1 48	27 28	12 58	8 29	8 51	10 0	18 5	5 31
T 29	15 12	28 22	4 50	8 55	1 34	22 16	0 57	21 11	0 40	15 6	1 20	22 54	0 42	18 6	0 14	5 24	1 48	27 28	12 57	8 32	8 52	9 57	18 5	5 32
F 30	15n29	27s37	4s21	9n46	1s25	22n31	0n59	21n19	0n40	15n 5	1n20	22s54	0n42	18s 5	0n14	5n25	1s48	27n28	12n57	8s34	8s53	9n54	18s 4	5n32

Julian Day Number = 1985223.5, Delta T = 57m19s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'21, Lahiri = 6°04'22 Julian Calendar 1 Apr. 723 == Greg. Calendar 5 Apr. 723

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ASTRODIENST EPHEMERIS for the year 723
geocentric

MAY 723 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 46 16	12♉47'42	22♑59	0♉38	7♊43	2♊28	23♌24	2°R 2	21°R37	17♈57	19♌ 2	8°R 5	7♓16	5♍12	29°R57	S 1
S 2	14 50 12	13°45'15	6♒54	2°39	8°55	3° 8	23°27	1♑59	21♏35	18° 0	19° 3	8♓ 3	7°13	5°19	29♐55	S 2
M 3	14 54 9	14°42'48	20°57	4°41	10° 8	3°48	23°30	1°57	21°33	18° 2	19° 3	8°D 3	7°10	5°25	29°53	M 3
T 4	14 58 5	15°40'20	5♓ 8	6°44	11°21	4°28	23°33	1°55	21°30	18° 4	19° 3	8°R 4	7° 7	5°32	29°51	T 4
W 5	15 2 2	16°37'51	19°26	8°50	12°33	5° 8	23°36	1°53	21°28	18° 6	19° 3	8° 3	7° 3	5°38	29°49	W 5
T 6	15 5 58	17°35'20	3♈48	10°57	13°46	5°47	23°39	1°50	21°25	18° 8	19° 3	8° 1	7° 0	5°45	29°46	T 6
F 7	15 9 55	18°32'49	18°10	13° 5	14°58	6°27	23°43	1°48	21°23	18°10	19° 4	7°56	6°57	5°52	29°44	F 7
S 8	15 13 51	19°30'18	2♉28	15°15	16°11	7° 7	23°46	1°45	21°20	18°12	19° 4	7°49	6°54	5°58	29°41	S 8
S 9	15 17 48	20°27'45	16°37	17°25	17°23	7°47	23°50	1°42	21°18	18°14	19° 4	7°39	6°51	6° 5	29°39	S 9
M10	15 21 45	21°25'11	0♊31	19°36	18°36	8°27	23°54	1°40	21°15	18°16	19° 5	7°28	6°47	6°12	29°36	M10
T 11	15 25 41	22°22'37	14° 6	21°48	19°48	9° 6	23°58	1°37	21°13	18°18	19° 5	7°16	6°44	6°18	29°34	T 11
W12	15 29 38	23°20'01	27°20	24° 0	21° 1	9°46	24° 2	1°34	21°10	18°20	19° 5	7° 6	6°41	6°25	29°31	W12
T 13	15 33 34	24°17'24	10♋12	26°12	22°13	10°26	24° 7	1°31	21° 8	18°22	19° 6	6°57	6°38	6°32	29°28	T 13
F 14	15 37 31	25°14'46	22°43	28°23	23°25	11° 5	24°11	1°28	21° 5	18°23	19° 6	6°51	6°35	6°38	29°25	F 14
S 15	15 41 27	26°12'07	4♌56	0♊34	24°37	11°45	24°16	1°25	21° 3	18°25	19° 7	6°47	6°32	6°45	29°23	S 15
S 16	15 45 24	27° 9'27	16°56	2°44	25°50	12°24	24°21	1°21	21° 0	18°27	19° 7	6°45	6°28	6°52	29°20	S 16
M17	15 49 20	28° 6'45	28°47	4°53	27° 2	13° 4	24°26	1°18	20°58	18°29	19° 8	6°D45	6°25	6°58	29°17	M17
T 18	15 53 17	29° 4'03	10♍36	7° 1	28°14	13°43	24°31	1°15	20°56	18°31	19° 9	6°R45	6°22	7° 5	29°14	T 18
W19	15 57 14	0♊ 1'20	22°26	9° 7	29°26	14°23	24°37	1°11	20°53	18°33	19° 9	6°44	6°19	7°12	29°11	W19
T 20	16 1 10	0°58'35	4♎24	11°12	0♋38	15° 2	24°42	1° 8	20°51	18°34	19°10	6°42	6°16	7°18	29° 7	T 20
F 21	16 5 7	1°55'50	16°35	13°15	1°50	15°42	24°48	1° 4	20°48	18°36	19°11	6°37	6°13	7°25	29° 4	F 21
S 22	16 9 3	2°53'04	29° 1	15°15	3° 2	16°21	24°54	1° 1	20°46	18°38	19°11	6°30	6° 9	7°31	29° 1	S 22
S 23	16 13 0	3°50'17	11♏45	17°14	4°14	17° 0	25° 0	0°57	20°43	18°40	19°12	6°20	6° 6	7°38	28°58	S 23
M24	16 16 56	4°47'29	24°48	19°11	5°26	17°40	25° 6	0°54	20°41	18°41	19°13	6° 9	6° 3	7°45	28°55	M24
T 25	16 20 53	5°44'41	8♐ 9	21° 5	6°37	18°19	25°12	0°50	20°39	18°43	19°14	5°56	6° 0	7°51	28°51	T 25
W26	16 24 49	6°41'53	21°46	22°57	7°49	18°58	25°18	0°46	20°36	18°45	19°14	5°44	5°57	7°58	28°48	W26
T 27	16 28 46	7°39'04	5♑36	24°47	9° 1	19°37	25°25	0°42	20°34	18°46	19°15	5°34	5°53	8° 5	28°45	T 27
F 28	16 32 43	8°36'15	19°36	26°34	10°12	20°17	25°32	0°38	20°32	18°48	19°16	5°26	5°50	8°11	28°41	F 28
S 29	16 36 39	9°33'25	3♒40	28°20	11°24	20°56	25°38	0°34	20°29	18°50	19°17	5°21	5°47	8°18	28°38	S 29
S 30	16 40 36	10°30'36	17°48	0♋ 3	12°36	21°35	25°45	0°30	20°27	18°51	19°18	5°19	5°44	8°25	28°34	S 30
M31	16 44 32	11♊27'46	1♓56	1♋43	13♋47	22♊14	25♌52	0♑26	20♏25	18♈53	19♌19	5♓18	5♓41	8♍31	28♐31	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n47	25s11	3s36	10n36	1s15	22n45	1n 1	21n28	0n41	15n 4	1n20	22s54	0n42	18s 4	0n14	5n26	1s48	27n28	12n57	8s36	8s54	9n51	18s 4	5n33
S 2	16 5	21 13	2 38	11 27	1 6	22 59	1 4	21 36	0 41	15 3	1 19	22 54	0 42	18 4	0 14	5 27	1 48	27 27	12 56	8 36	8 55	9 47	18 3	5 33
M 3	16 22	16 2	1 30	12 18	0 56	23 13	1 6	21 44	0 42	15 2	1 19	22 54	0 42	18 3	0 14	5 27	1 48	27 27	12 56	8 36	8 56	9 44	18 3	5 33
T 4	16 39	9 56	0 16	13 9	0 46	23 25	1 8	21 52	0 42	15 1	1 19	22 54	0 42	18 3	0 14	5 28	1 48	27 26	12 56	8 36	8 58	9 41	18 3	5 34
W 5	16 55	3 17	1n 0	13 59	0 35	23 37	1 10	22 0	0 43	14 59	1 19	22 54	0 42	18 2	0 14	5 29	1 48	27 26	12 55	8 36	8 59	9 38	18 2	5 34
T 6	17 12	3n32	2 12	14 50	0 25	23 49	1 13	22 8	0 43	14 58	1 19	22 54	0 42	18 1	0 14	5 30	1 48	27 26	12 55	8 37	9 0	9 34	18 2	5 35
F 7	17 28	10 11	3 16	15 39	0 14	23 59	1 15	22 15	0 43	14 57	1 19	22 54	0 42	18 1	0 14	5 30	1 48	27 25	12 55	8 39	9 1	9 31	18 1	5 35
S 8	17 44	16 16	4 7	16 28	0 3	24 9	1 17	22 22	0 44	14 55	1 18	22 54	0 42	18 0	0 14	5 31	1 48	27 25	12 54	8 42	9 2	9 28	18 1	5 36
S 9	17 59	21 25	4 42	17 16	0n 7	24 19	1 19	22 29	0 44	14 54	1 18	22 54	0 42	17 59	0 14	5 32	1 48	27 24	12 54	8 46	9 4	9 24	18 0	5 36
M10	18 15	25 17	4 59	18 3	0 18	24 27	1 21	22 36	0 45	14 52	1 18	22 54	0 41	17 59	0 14	5 32	1 48	27 24	12 54	8 50	9 5	9 21	18 0	5 36
T 11	18 30	27 36	5 0	18 48	0 28	24 35	1 23	22 43	0 45	14 51	1 18	22 54	0 41	17 58	0 14	5 33	1 48	27 24	12 53	8 54	9 6	9 18	18 0	5 37
W12	18 44	28 18	4 43	19 31	0 38	24 43	1 25	22 49	0 45	14 49	1 18	22 54	0 41	17 57	0 14	5 34	1 48	27 23	12 53	8 58	9 7	9 15	17 59	5 37
T 13	18 59	27 25	4 13	20 13	0 48	24 49	1 27	22 55	0 46	14 47	1 17	22 54	0 41	17 57	0 14	5 35	1 48	27 23	12 53	9 1	9 8	9 11	17 59	5 38
F 14	19 13	25 9	3 31	20 52	0 57	24 55	1 28	23 1	0 46	14 46	1 17	22 55	0 41	17 56	0 14	5 35	1 48	27 22	12 53	9 4	9 10	9 8	17 58	5 38
S 15	19 26	21 45	2 40	21 29	1 6	25 0	1 30	23 7	0 47	14 44	1 17	22 55	0 41	17 55	0 14	5 36	1 48	27 22	12 52	9 5	9 11	9 5	17 58	5 38
S 16	19 40	17 30	1 43	22 4	1 15	25 4	1 32	23 13	0 47	14 42	1 17	22 55	0 41	17 55	0 14	5 37	1 48	27 21	12 52	9 6	9 12	9 1	17 58	5 39
M17	19 53	12 38	0 42	22 37	1 22	25 8	1 34	23 19	0 47	14 40	1 17	22 55	0 41	17 54	0 14	5 37	1 49	27 21	12 52	9 6	9 13	8 58	17 57	5 39
T 18	20 5	7 20	0s20	23 6	1 30	25 11	1 35	23 24	0 48	14 38	1 17	22 55	0 41	17 54	0 14	5 38	1 49	27 20	12 51	9 6	9 14	8 55	17 57	5 39
W19	20 18	1 46	1 22	23 33	1 36	25 13	1 37	23 29	0 48	14 36	1 16	22 55	0 41	17 53	0 14	5 39	1 49	27 20	12 51	9 6	9 15	8 51	17 57	5 40
T 20	20 30	3s55	2 21	23 58	1 42	25 14	1 38	23 34	0 49	14 34	1 16	22 55	0 41	17 52	0 14	5 39	1 49	27 19	12 51	9 7	9 17	8 48	17 56	5 40
F 21	20 42	9 33	3 14	24 19	1 47	25 15	1 39	23 39	0 49	14 32	1 16	22 55	0 41	17 52	0 14	5 40	1 49	27 19	12 50	9 9	9 18	8 45	17 56	5 40
S 22	20 53	14 55	3 59	24 38	1 52	25 15	1 41	23 43	0 49	14 30	1 16	22 55	0 41	17 51	0 14	5 41	1 49	27 18	12 50	9 11	9 19	8 42	17 56	5 41
S 23	21 4	19 48	4 34	24 54	1 55	25 14	1 42	23 47	0 50	14 28	1 16	22 55	0 41	17 50	0 14	5 41	1 49	27 18	12 50	9 15	9 20	8 38	17 55	5 41
M24	21 15	23 51	4 55	25 8	1 58	25 13	1 43	23 52	0 50	14 26	1 15	22 55	0 41	17 50	0 14	5 42	1 49	27 17	12 49	9 19	9 21	8 35	17 55	5 41
T 25	21 25	26 45	5 0	25 19	2 1	25 11	1 44	23 56	0 50	14 23	1 15	22 55	0 41	17 49	0 14	5 42	1 49	27 17	12 49	9 24	9 22	8 32	17 55	5 42
W26	21 35	28 9	4 49	25 27	2 2	25 8	1 45	23 59	0 51	14 21	1 15	22 55	0 41	17 49	0 14	5 43	1 49	27 16	12 49	9 28	9 24	8 28	17 54	5 42
T 27	21 44	27 50	4 21	25 33	2 3	25 4	1 46	24 3	0 51	14 19	1 15	22 56	0 41	17 48	0 14	5 44	1 49	27 16	12 48	9 32	9 25	8 25	17 54	5 42
F 28	21 53	25 44	3 37	25 37	2 3	25 0	1 47	24 6	0 51	14 16	1 15	22 56	0 41	17 47	0 14	5 44	1 49	27 15	12 48	9 35	9 26	8 22	17 54	5 42
S 29	22 2	22 2	2 39	25 38	2 2	24 55	1 48	24 9	0 52	14 14	1 15	22 56	0 41	17 47	0 14	5 45	1 49	27 14	12 48	9 37	9 27	8 18	17 53	5 43
S 30	22 11	17 3	1 31	25 38	2 1	24 49	1 49	24 12	0 52	14 11	1 14	22 56	0 41	17 46	0 14	5 45	1 49	27 14	12 48	9 38	9 28	8 15	17 53	5 43
M31	22n19	11s 8	0s18	25n35	1n59	24n42	1n50	24n15	0n53	14n 9	1n14	22s56	0n40	17s46	0n13	5n46	1s49	27n13	12n47	9s38	9s30	8n12	17s53	5n43

Julian Day Number = 1985253.5, Delta T = 57m18s
Ecliptic obliquity = 23°36'24, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'25, Lahiri = 6°04'26 Julian Calendar 1 May 723 == Greg. Calendar 5 May 723

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ASTRODIENST EPHEMERIS for the year 723
geocentric

JUNE 723 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 48 29	12♊24'56	16♓ 4	3♋21	14♋58	22♊53	25♌59	0°R22	20°R23	18♈54	19♌20	5°R18	5♓38	8♍38	28°R27	T 1
W 2	16 52 25	13°22'06	0♈10	4°57	16°10	23°32	26° 7	0♉18	20♏20	18°56	19°21	5♓18	5°34	8°45	28♐24	W 2
T 3	16 56 22	14°19'16	14°14	6°31	17°21	24°11	26°14	0°14	20°18	18°57	19°22	5°15	5°31	8°51	28°20	T 3
F 4	17 0 19	15°16'26	28°13	8° 2	18°33	24°51	26°22	0°10	20°16	18°59	19°23	5°10	5°28	8°58	28°16	F 4
S 5	17 4 15	16°13'36	12♉ 6	9°30	19°44	25°30	26°29	0° 6	20°14	19° 0	19°24	5° 2	5°25	9° 4	28°13	S 5
S 6	17 8 12	17°10'47	25°50	10°57	20°55	26° 9	26°37	0° 2	20°12	19° 1	19°25	4°52	5°22	9°11	28° 9	S 6
M 7	17 12 8	18° 7'57	9♊22	12°20	22° 6	26°48	26°45	29♐57	20°10	19° 3	19°26	4°41	5°19	9°18	28° 5	M 7
T 8	17 16 5	19° 5'08	22°38	13°42	23°17	27°27	26°53	29°53	20° 8	19° 4	19°28	4°29	5°15	9°24	28° 2	T 8
W 9	17 20 1	20° 2'18	5♋37	15° 0	24°28	28° 6	27° 1	29°49	20° 5	19° 5	19°29	4°18	5°12	9°31	27°58	W 9
T 10	17 23 58	20°59'28	18°19	16°17	25°39	28°44	27°10	29°44	20° 3	19° 7	19°30	4° 9	5° 9	9°38	27°54	T 10
F 11	17 27 54	21°56'38	0♌43	17°30	26°50	29°23	27°18	29°40	20° 1	19° 8	19°31	4° 2	5° 6	9°44	27°50	F 11
S 12	17 31 51	22°53'48	12°53	18°41	28° 1	0♋ 2	27°26	29°36	20° 0	19° 9	19°33	3°58	5° 3	9°51	27°47	S 12
S 13	17 35 48	23°50'57	24°51	19°49	29°12	0°41	27°35	29°31	19°58	19°10	19°34	3°56	4°59	9°58	27°43	S 13
M14	17 39 44	24°48'07	6♍42	20°54	0♌23	1°20	27°44	29°27	19°56	19°12	19°35	3°D55	4°56	10° 4	27°39	M14
T 15	17 43 41	25°45'16	18°30	21°56	1°33	1°59	27°53	29°23	19°54	19°13	19°37	3°56	4°53	10°11	27°35	T 15
W16	17 47 37	26°42'25	0♎21	22°56	2°44	2°38	28° 1	29°18	19°52	19°14	19°38	3°R56	4°50	10°18	27°32	W16
T 17	17 51 34	27°39'34	12°20	23°52	3°55	3°16	28°11	29°14	19°50	19°15	19°39	3°55	4°47	10°24	27°28	T 17
F 18	17 55 30	28°36'44	24°33	24°45	5° 5	3°55	28°20	29° 9	19°48	19°16	19°41	3°52	4°44	10°31	27°24	F 18
S 19	17 59 27	29°33'53	7♏ 3	25°34	6°16	4°34	28°29	29° 5	19°47	19°17	19°42	3°46	4°40	10°38	27°20	S 19
S 20	18 3 23	0♋31'02	19°55	26°20	7°26	5°13	28°38	29° 0	19°45	19°18	19°44	3°39	4°37	10°44	27°17	S 20
M21	18 7 20	1°28'12	3♐ 9	27° 2	8°36	5°51	28°48	28°56	19°43	19°19	19°45	3°30	4°34	10°51	27°13	M21
T 22	18 11 17	2°25'21	16°47	27°41	9°46	6°30	28°57	28°52	19°42	19°20	19°47	3°20	4°31	10°57	27° 9	T 22
W23	18 15 13	3°22'32	0♑44	28°16	10°57	7° 9	29° 7	28°47	19°40	19°21	19°48	3°11	4°28	11° 4	27° 5	W23
T 24	18 19 10	4°19'42	14°58	28°46	12° 7	7°47	29°16	28°43	19°39	19°22	19°50	3° 2	4°25	11°11	27° 2	T 24
F 25	18 23 6	5°16'53	29°22	29°13	13°17	8°26	29°26	28°38	19°37	19°23	19°51	2°56	4°21	11°17	26°58	F 25
S 26	18 27 3	6°14'05	13♒52	29°35	14°26	9° 5	29°36	28°34	19°36	19°23	19°53	2°53	4°18	11°24	26°54	S 26
S 27	18 30 59	7°11'17	28°20	29°52	15°36	9°43	29°46	28°30	19°34	19°24	19°54	2°D51	4°15	11°31	26°51	S 27
M28	18 34 56	8° 8'30	12♓44	0♌ 5	16°46	10°22	29°56	28°25	19°33	19°25	19°56	2°51	4°12	11°37	26°47	M28
T 29	18 38 53	9° 5'44	27° 0	0°14	17°56	11° 1	0♍ 6	28°21	19°32	19°26	19°58	2°52	4° 9	11°44	26°43	T 29
W30	18 42 49	10♋ 2'59	11♈ 6	0°R17	19♌ 5	11♋39	0♍17	28♐17	19♏30	19♈26	19♌59	2°R53	4♓ 5	11♍51	26♐40	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n26	4s40	0n57	25n30	1n57	24n35	1n50	24n18	0n53	14n 6	1n14	22s56	0n40	17s45	0n13	5n46	1s49	27n13	12n47	9s38	9s31	8n 8	17s52	5n43
W 2	22 34	2n 1	2 8	25 24	1 53	24 27	1 51	24 20	0 53	14 4	1 14	22 56	0 40	17 44	0 13	5 47	1 49	27 12	12 47	9 38	9 32	8 5	17 52	5 44
T 3	22 41	8 34	3 10	25 16	1 49	24 19	1 51	24 22	0 54	14 1	1 14	22 56	0 40	17 44	0 13	5 47	1 49	27 11	12 46	9 39	9 33	8 2	17 52	5 44
F 4	22 47	14 40	4 1	25 6	1 45	24 9	1 52	24 24	0 54	13 58	1 14	22 56	0 40	17 43	0 13	5 48	1 49	27 11	12 46	9 41	9 34	7 58	17 52	5 44
S 5	22 53	19 58	4 38	24 55	1 39	23 59	1 52	24 26	0 54	13 55	1 14	22 56	0 40	17 43	0 13	5 48	1 49	27 10	12 46	9 44	9 35	7 55	17 51	5 44
S 6	22 59	24 10	4 57	24 42	1 34	23 49	1 52	24 27	0 55	13 53	1 13	22 56	0 40	17 42	0 13	5 49	1 49	27 9	12 46	9 47	9 37	7 52	17 51	5 44
M 7	23 4	26 57	5 0	24 29	1 27	23 37	1 52	24 29	0 55	13 50	1 13	22 56	0 40	17 42	0 13	5 49	1 50	27 9	12 45	9 52	9 38	7 48	17 51	5 45
T 8	23 9	28 10	4 46	24 14	1 20	23 26	1 52	24 30	0 55	13 47	1 13	22 56	0 40	17 41	0 13	5 50	1 50	27 8	12 45	9 56	9 39	7 45	17 51	5 45
W 9	23 14	27 47	4 18	23 58	1 13	23 13	1 52	24 31	0 55	13 44	1 13	22 56	0 40	17 40	0 13	5 50	1 50	27 8	12 45	10 0	9 40	7 42	17 51	5 45
T 10	23 18	25 56	3 37	23 40	1 5	23 0	1 52	24 32	0 56	13 41	1 13	22 57	0 40	17 40	0 13	5 51	1 50	27 7	12 45	10 3	9 41	7 38	17 50	5 45
F 11	23 22	22 51	2 47	23 23	0 56	22 46	1 52	24 32	0 56	13 38	1 13	22 57	0 40	17 39	0 13	5 51	1 50	27 6	12 44	10 6	9 42	7 35	17 50	5 45
S 12	23 25	18 49	1 50	23 4	0 47	22 31	1 52	24 33	0 56	13 35	1 12	22 57	0 40	17 39	0 13	5 51	1 50	27 6	12 44	10 8	9 44	7 32	17 50	5 45
S 13	23 28	14 5	0 48	22 45	0 37	22 16	1 51	24 33	0 57	13 32	1 12	22 57	0 40	17 38	0 13	5 52	1 50	27 5	12 44	10 8	9 45	7 28	17 50	5 46
M14	23 30	8 53	0s15	22 25	0 27	22 1	1 51	24 33	0 57	13 28	1 12	22 57	0 39	17 38	0 13	5 52	1 50	27 4	12 44	10 8	9 46	7 25	17 50	5 46
T 15	23 32	3 24	1 17	22 4	0 16	21 44	1 50	24 33	0 57	13 25	1 12	22 57	0 39	17 37	0 13	5 53	1 50	27 4	12 43	10 8	9 47	7 22	17 49	5 46
W16	23 34	2s13	2 16	21 44	0 5	21 28	1 49	24 32	0 58	13 22	1 12	22 57	0 39	17 37	0 13	5 53	1 50	27 3	12 43	10 8	9 48	7 18	17 49	5 46
T 17	23 35	7 49	3 10	21 23	0s 6	21 10	1 49	24 32	0 58	13 19	1 12	22 57	0 39	17 36	0 13	5 53	1 50	27 2	12 43	10 9	9 49	7 15	17 49	5 46
F 18	23 36	13 14	3 56	21 2	0 18	20 52	1 48	24 31	0 58	13 15	1 12	22 57	0 39	17 36	0 13	5 54	1 50	27 2	12 43	10 10	9 51	7 12	17 49	5 46
S 19	23 36	18 14	4 32	20 41	0 31	20 34	1 47	24 30	0 58	13 12	1 12	22 57	0 39	17 36	0 13	5 54	1 50	27 1	12 42	10 12	9 52	7 8	17 49	5 46
S 20	23 36	22 35	4 56	20 20	0 43	20 15	1 46	24 29	0 59	13 9	1 11	22 57	0 39	17 35	0 13	5 54	1 50	27 0	12 42	10 14	9 53	7 5	17 49	5 46
M21	23 36	25 54	5 4	19 59	0 56	19 55	1 45	24 27	0 59	13 5	1 11	22 57	0 39	17 35	0 13	5 55	1 50	26 59	12 42	10 18	9 54	7 2	17 49	5 46
T 22	23 35	27 51	4 56	19 38	1 10	19 35	1 44	24 26	0 59	13 2	1 11	22 57	0 39	17 34	0 13	5 55	1 50	26 59	12 42	10 21	9 55	6 58	17 48	5 46
W23	23 34	28 6	4 30	19 18	1 23	19 15	1 42	24 24	1 0	12 58	1 11	22 57	0 39	17 34	0 13	5 55	1 50	26 58	12 42	10 25	9 56	6 55	17 48	5 46
T 24	23 32	26 31	3 47	18 58	1 37	18 54	1 41	24 22	1 0	12 55	1 11	22 57	0 39	17 33	0 13	5 56	1 51	26 57	12 41	10 28	9 58	6 52	17 48	5 46
F 25	23 30	23 11	2 49	18 39	1 51	18 32	1 39	24 20	1 0	12 51	1 11	22 57	0 39	17 33	0 13	5 56	1 51	26 57	12 41	10 30	9 59	6 48	17 48	5 46
S 26	23 27	18 23	1 40	18 21	2 5	18 10	1 38	24 18	1 0	12 48	1 11	22 57	0 38	17 33	0 13	5 56	1 51	26 56	12 41	10 31	10 0	6 45	17 48	5 46
S 27	23 25	12 31	0 24	18 3	2 19	17 48	1 36	24 15	1 1	12 44	1 11	22 58	0 38	17 32	0 13	5 56	1 51	26 55	12 41	10 32	10 1	6 42	17 48	5 46
M28	23 21	6 1	0n53	17 47	2 33	17 25	1 34	24 13	1 1	12 40	1 10	22 58	0 38	17 32	0 13	5 57	1 51	26 54	12 41	10 32	10 2	6 38	17 48	5 46
T 29	23 18	0n43	2 6	17 31	2 47	17 2	1 32	24 10	1 1	12 37	1 10	22 58	0 38	17 32	0 13	5 57	1 51	26 54	12 40	10 31	10 3	6 35	17 48	5 46
W30	23n13	7n20	3n11	17n17	3s 1	16n38	1n30	24n 7	1n 1	12n33	1n10	22s58	0n38	17s31	0n13	5n57	1s51	26n53	12n40	10s31	10s 5	6n32	17s48	5n46

Julian Day Number = 1985284.5, Delta T = 57m17s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'29, Lahiri = 6°04'30 Julian Calendar 1 June 723 == Greg. Calendar 5 June 723

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ASTRODIENST EPHEMERIS for the year 723
geocentric

JULY 723 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 46 46	11♋ 0'15	25♈ 1	0°R15	20♌15	12♋18	0♍27	28°R13	19°R29	19♈27	20♌ 1	2°R52	4♓ 2	11♍57	26°R36	T 1
F 2	18 50 42	11°57'31	8♉46	0♌ 9	21°24	12°56	0°37	28♐ 8	19♏28	19°28	20° 3	2♓49	3°59	12° 4	26♐33	F 2
S 3	18 54 39	12°54'49	22°18	29♋57	22°33	13°35	0°48	28° 4	19°27	19°28	20° 4	2°44	3°56	12°11	26°29	S 3
S 4	18 58 35	13°52'08	5♊39	29°41	23°43	14°13	0°58	28° 0	19°26	19°29	20° 6	2°37	3°53	12°17	26°26	S 4
M 5	19 2 32	14°49'28	18°46	29°19	24°52	14°52	1° 9	27°56	19°25	19°29	20° 8	2°29	3°50	12°24	26°22	M 5
T 6	19 6 28	15°46'49	1♋41	28°53	26° 1	15°30	1°20	27°52	19°24	19°30	20°10	2°21	3°46	12°31	26°19	T 6
W 7	19 10 25	16°44'11	14°21	28°23	27°10	16° 9	1°31	27°48	19°23	19°30	20°11	2°14	3°43	12°37	26°15	W 7
T 8	19 14 22	17°41'33	26°48	27°49	28°19	16°47	1°42	27°44	19°22	19°31	20°13	2° 7	3°40	12°44	26°12	T 8
F 9	19 18 18	18°38'57	9♌ 2	27°11	29°28	17°26	1°52	27°40	19°21	19°31	20°15	2° 3	3°37	12°50	26° 9	F 9
S 10	19 22 15	19°36'21	21° 5	26°30	0♍36	18° 4	2° 4	27°36	19°20	19°32	20°17	2° 0	3°34	12°57	26° 5	S 10
S 11	19 26 11	20°33'46	2♍58	25°46	1°45	18°43	2°15	27°32	19°19	19°32	20°19	2°D 0	3°31	13° 4	26° 2	S 11
M12	19 30 8	21°31'11	14°47	25° 1	2°53	19°21	2°26	27°28	19°19	19°32	20°20	2° 0	3°27	13°10	25°59	M12
T 13	19 34 4	22°28'38	26°34	24°15	4° 2	19°59	2°37	27°24	19°18	19°32	20°22	2° 2	3°24	13°17	25°56	T 13
W14	19 38 1	23°26'05	8♎25	23°28	5°10	20°38	2°48	27°20	19°17	19°33	20°24	2° 3	3°21	13°24	25°53	W14
T 15	19 41 57	24°23'34	20°23	22°43	6°18	21°16	3° 0	27°17	19°17	19°33	20°26	2°R 4	3°18	13°30	25°49	T 15
F 16	19 45 54	25°21'03	2♏35	21°58	7°26	21°54	3°11	27°13	19°16	19°33	20°28	2° 4	3°15	13°37	25°46	F 16
S 17	19 49 51	26°18'33	15° 5	21°17	8°34	22°33	3°23	27°10	19°16	19°33	20°30	2° 3	3°11	13°44	25°43	S 17
S 18	19 53 47	27°16'04	27°57	20°38	9°42	23°11	3°34	27° 6	19°15	19°33	20°32	1°59	3° 8	13°50	25°41	S 18
M19	19 57 44	28°13'36	11♐14	20° 4	10°49	23°49	3°46	27° 3	19°15	19°33	20°34	1°55	3° 5	13°57	25°38	M19
T 20	20 1 40	29°11'09	24°58	19°34	11°57	24°28	3°57	26°59	19°14	19°33	20°36	1°50	3° 2	14° 4	25°35	T 20
W21	20 5 37	0♌ 8'43	9♑ 6	19°10	13° 4	25° 6	4° 9	26°56	19°14	19°R33	20°38	1°46	2°59	14°10	25°32	W21
T 22	20 9 33	1° 6'18	23°35	18°52	14°11	25°44	4°21	26°53	19°14	19°33	20°40	1°41	2°56	14°17	25°29	T 22
F 23	20 13 30	2° 3'54	8♒19	18°40	15°19	26°23	4°33	26°49	19°14	19°33	20°42	1°39	2°52	14°24	25°27	F 23
S 24	20 17 26	3° 1'32	23°12	18°D35	16°26	27° 1	4°45	26°46	19°14	19°33	20°43	1°37	2°49	14°30	25°24	S 24
S 25	20 21 23	3°59'11	8♓ 4	18°37	17°32	27°39	4°57	26°43	19°14	19°33	20°45	1°D37	2°46	14°37	25°22	S 25
M26	20 25 20	4°56'52	22°49	18°47	18°39	28°17	5° 9	26°40	19°D14	19°33	20°47	1°38	2°43	14°43	25°19	M26
T 27	20 29 16	5°54'34	7♈22	19° 4	19°45	28°56	5°21	26°37	19°14	19°33	20°49	1°39	2°40	14°50	25°17	T 27
W28	20 33 13	6°52'18	21°39	19°28	20°52	29°34	5°33	26°34	19°14	19°33	20°51	1°41	2°37	14°57	25°14	W28
T 29	20 37 9	7°50'04	5♉37	20° 0	21°58	0♌12	5°45	26°32	19°14	19°32	20°54	1°R41	2°33	15° 3	25°12	T 29
F 30	20 41 6	8°47'52	19°16	20°39	23° 4	0°50	5°57	26°29	19°14	19°32	20°56	1°41	2°30	15°10	25°10	F 30
S 31	20 45 2	9♌45'41	2♊37	21♋26	24♍10	1♌29	6♍ 9	26♐26	19♏14	19♈32	20♌58	1♓40	2♓27	15♍17	25♐ 8	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 9	13n31	4n 3	17n 4	3s15	16n14	1n28	24n 3	1n 2	12n29	1n10	22s58	0n38	17s31	0n13	5n57	1s51	26n52	12n40	10s31	10s 6	6n28	17s48	5n46
F 2	23 4	18 57	4 41	16 52	3 28	15 49	1 26	24 0	1 2	12 25	1 10	22 58	0 38	17 31	0 13	5 57	1 51	26 52	12 40	10 32	10 7	6 25	17 48	5 46
S 3	22 58	23 20	5 2	16 42	3 41	15 25	1 24	23 56	1 2	12 21	1 10	22 58	0 38	17 30	0 13	5 58	1 51	26 51	12 40	10 34	10 8	6 21	17 48	5 46
S 4	22 53	26 26	5 7	16 34	3 53	14 59	1 21	23 53	1 2	12 17	1 10	22 58	0 38	17 30	0 13	5 58	1 51	26 50	12 40	10 37	10 9	6 18	17 48	5 46
M 5	22 47	28 2	4 55	16 27	4 4	14 34	1 19	23 49	1 3	12 14	1 10	22 58	0 38	17 30	0 13	5 58	1 51	26 49	12 39	10 40	10 10	6 15	17 48	5 46
T 6	22 40	28 4	4 28	16 23	4 14	14 8	1 16	23 44	1 3	12 10	1 10	22 58	0 37	17 30	0 13	5 58	1 51	26 49	12 39	10 43	10 12	6 11	17 48	5 46
W 7	22 33	26 37	3 49	16 20	4 24	13 42	1 14	23 40	1 3	12 6	1 10	22 58	0 37	17 29	0 13	5 58	1 51	26 48	12 39	10 45	10 13	6 8	17 48	5 46
T 8	22 26	23 52	2 59	16 18	4 32	13 15	1 11	23 35	1 3	12 2	1 9	22 58	0 37	17 29	0 13	5 58	1 51	26 47	12 39	10 48	10 14	6 5	17 48	5 46
F 9	22 18	20 4	2 1	16 19	4 38	12 48	1 8	23 31	1 4	11 58	1 9	22 58	0 37	17 29	0 13	5 58	1 51	26 46	12 39	10 49	10 15	6 1	17 48	5 46
S 10	22 10	15 30	0 59	16 22	4 44	12 21	1 5	23 26	1 4	11 54	1 9	22 58	0 37	17 29	0 13	5 58	1 52	26 46	12 39	10 50	10 16	5 58	17 48	5 45
S 11	22 1	10 24	0s 5	16 26	4 47	11 54	1 2	23 21	1 4	11 49	1 9	22 58	0 37	17 28	0 13	5 58	1 52	26 45	12 39	10 50	10 17	5 55	17 48	5 45
M12	21 52	4 58	1 9	16 32	4 49	11 26	0 59	23 16	1 4	11 45	1 9	22 58	0 37	17 28	0 13	5 58	1 52	26 44	12 38	10 50	10 19	5 51	17 48	5 45
T 13	21 43	0s37	2 10	16 40	4 49	10 58	0 56	23 10	1 4	11 41	1 9	22 58	0 37	17 28	0 13	5 58	1 52	26 44	12 38	10 49	10 20	5 48	17 48	5 45
W14	21 33	6 12	3 5	16 49	4 48	10 30	0 53	23 5	1 5	11 37	1 9	22 58	0 37	17 28	0 13	5 59	1 52	26 43	12 38	10 49	10 21	5 44	17 48	5 45
T 15	21 23	11 37	3 54	17 0	4 44	10 2	0 49	22 59	1 5	11 33	1 9	22 58	0 36	17 28	0 13	5 59	1 52	26 42	12 38	10 49	10 22	5 41	17 48	5 45
F 16	21 13	16 42	4 32	17 13	4 39	9 33	0 46	22 53	1 5	11 29	1 9	22 58	0 36	17 28	0 13	5 59	1 52	26 41	12 38	10 49	10 23	5 38	17 48	5 45
S 17	21 2	21 14	4 59	17 26	4 32	9 4	0 42	22 47	1 5	11 24	1 9	22 58	0 36	17 28	0 13	5 59	1 52	26 41	12 38	10 49	10 24	5 34	17 48	5 44
S 18	20 51	24 54	5 11	17 40	4 23	8 35	0 39	22 40	1 5	11 20	1 9	22 58	0 36	17 28	0 13	5 59	1 52	26 40	12 38	10 50	10 25	5 31	17 48	5 44
M19	20 40	27 22	5 8	17 55	4 13	8 6	0 35	22 34	1 6	11 16	1 9	22 58	0 36	17 27	0 13	5 58	1 52	26 39	12 38	10 52	10 27	5 28	17 48	5 44
T 20	20 28	28 18	4 47	18 11	4 1	7 36	0 31	22 27	1 6	11 11	1 9	22 58	0 36	17 27	0 13	5 58	1 52	26 38	12 38	10 54	10 28	5 24	17 48	5 44
W21	20 16	27 26	4 9	18 27	3 48	7 7	0 27	22 21	1 6	11 7	1 8	22 59	0 36	17 27	0 13	5 58	1 52	26 38	12 38	10 55	10 29	5 21	17 48	5 44
T 22	20 3	24 42	3 13	18 44	3 34	6 37	0 23	22 14	1 6	11 3	1 8	22 59	0 36	17 27	0 13	5 58	1 52	26 37	12 38	10 57	10 30	5 18	17 49	5 43
F 23	19 50	20 19	2 4	19 0	3 19	6 7	0 19	22 7	1 6	10 58	1 8	22 59	0 35	17 27	0 13	5 58	1 52	26 36	12 37	10 58	10 31	5 14	17 49	5 43
S 24	19 37	14 36	0 46	19 16	3 4	5 37	0 15	21 59	1 7	10 54	1 8	22 59	0 35	17 27	0 13	5 58	1 52	26 36	12 37	10 58	10 32	5 11	17 49	5 43
S 25	19 24	8 3	0n35	19 32	2 47	5 7	0 11	21 52	1 7	10 49	1 8	22 59	0 35	17 27	0 12	5 58	1 53	26 35	12 37	10 58	10 34	5 7	17 49	5 43
M26	19 10	1 7	1 54	19 48	2 31	4 37	0 7	21 44	1 7	10 45	1 8	22 59	0 35	17 27	0 12	5 58	1 53	26 34	12 37	10 58	10 35	5 4	17 49	5 42
T 27	18 56	5n46	3 4	20 2	2 14	4 7	0 2	21 37	1 7	10 40	1 8	22 59	0 35	17 27	0 12	5 58	1 53	26 33	12 37	10 58	10 36	5 1	17 49	5 42
W28	18 41	12 13	4 1	20 16	1 57	3 37	0s 2	21 29	1 7	10 36	1 8	22 59	0 35	17 27	0 12	5 58	1 53	26 33	12 37	10 57	10 37	4 57	17 49	5 42
T 29	18 26	17 56	4 43	20 28	1 39	3 6	0 7	21 21	1 8	10 31	1 8	22 59	0 35	17 27	0 12	5 57	1 53	26 32	12 37	10 57	10 38	4 54	17 50	5 42
F 30	18 11	22 35	5 8	20 39	1 23	2 36	0 11	21 13	1 8	10 27	1 8	22 59	0 35	17 27	0 12	5 57	1 53	26 31	12 37	10 57	10 39	4 51	17 50	5 41
S 31	17n56	25n58	5n15	20n48	1s 6	2n 5	0s16	21n 4	1n 8	10n22	1n 8	22s59	0n34	17s27	0n12	5n57	1s53	26n31	12n37	10s58	10s40	4n47	17s50	5n41

Julian Day Number = 1985314.5, Delta T = 57m17s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'34, Lahiri = 6°04'34 Julian Calendar 1 July 723 == Greg. Calendar 5 July 723

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ASTRODIENST EPHEMERIS for the year 723
geocentric

AUGUST 723 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 48 59	10♌43'33	15♊42	22♋19	25♍16	2♌ 7	6♍21	26°R24	19♏14	19°R31	21♌ 0	1°R37	2♓24	15♍23	25°R 6	S 1
M 2	20 52 55	11°41'26	28°30	23°20	26°21	2°45	6°34	26♐21	19°15	19♈31	21° 2	1♓34	2°21	15°30	25♐ 4	M 2
T 3	20 56 52	12°39'21	11♋ 5	24°27	27°27	3°23	6°46	26°19	19°15	19°31	21° 4	1°32	2°17	15°37	25° 2	T 3
W 4	21 0 49	13°37'17	23°28	25°40	28°32	4° 2	6°58	26°17	19°16	19°30	21° 6	1°29	2°14	15°43	25° 0	W 4
T 5	21 4 45	14°35'16	5♌39	26°59	29°37	4°40	7°11	26°14	19°16	19°30	21° 8	1°27	2°11	15°50	24°58	T 5
F 6	21 8 42	15°33'16	17°42	28°24	0♎42	5°18	7°23	26°12	19°17	19°29	21°10	1°25	2° 8	15°57	24°56	F 6
S 7	21 12 38	16°31'17	29°37	29°54	1°46	5°56	7°36	26°10	19°17	19°29	21°12	1°D25	2° 5	16° 3	24°54	S 7
S 8	21 16 35	17°29'20	11♍26	1♌28	2°51	6°34	7°48	26° 8	19°18	19°28	21°14	1°25	2° 2	16°10	24°53	S 8
M 9	21 20 31	18°27'25	23°13	3° 6	3°55	7°12	8° 1	26° 6	19°19	19°27	21°16	1°26	1°58	16°17	24°51	M 9
T 10	21 24 28	19°25'31	5♎ 0	4°48	4°59	7°51	8°13	26° 5	19°19	19°27	21°18	1°27	1°55	16°23	24°50	T 10
W11	21 28 24	20°23'39	16°52	6°34	6° 2	8°29	8°26	26° 3	19°20	19°26	21°20	1°28	1°52	16°30	24°48	W11
T 12	21 32 21	21°21'48	28°50	8°21	7° 6	9° 7	8°39	26° 1	19°21	19°25	21°22	1°29	1°49	16°37	24°47	T 12
F 13	21 36 18	22°19'59	11♏ 1	10°11	8° 9	9°45	8°51	26° 0	19°22	19°25	21°24	1°30	1°46	16°43	24°46	F 13
S 14	21 40 14	23°18'12	23°28	12° 3	9°12	10°23	9° 4	25°59	19°23	19°24	21°26	1°R30	1°43	16°50	24°45	S 14
S 15	21 44 11	24°16'26	6♐16	13°56	10°15	11° 1	9°17	25°57	19°24	19°23	21°28	1°30	1°39	16°56	24°44	S 15
M16	21 48 7	25°14'42	19°28	15°50	11°18	11°39	9°30	25°56	19°25	19°22	21°31	1°29	1°36	17° 3	24°43	M16
T 17	21 52 4	26°12'59	3♑ 7	17°45	12°20	12°18	9°42	25°55	19°26	19°22	21°33	1°29	1°33	17°10	24°42	T 17
W18	21 56 0	27°11'18	17°13	19°40	13°22	12°56	9°55	25°54	19°27	19°21	21°35	1°28	1°30	17°16	24°41	W18
T 19	21 59 57	28° 9'39	1♒44	21°35	14°23	13°34	10° 8	25°53	19°28	19°20	21°37	1°28	1°27	17°23	24°40	T 19
F 20	22 3 53	29° 8'01	16°36	23°30	15°25	14°12	10°21	25°52	19°29	19°19	21°39	1°28	1°23	17°30	24°39	F 20
S 21	22 7 50	0♍ 6'25	1♓41	25°25	16°26	14°50	10°34	25°51	19°31	19°18	21°41	1°D27	1°20	17°36	24°39	S 21
S 22	22 11 47	1° 4'51	16°51	27°19	17°27	15°28	10°47	25°51	19°32	19°17	21°43	1°R28	1°17	17°43	24°38	S 22
M23	22 15 43	2° 3'19	1♈56	29°13	18°27	16° 6	11° 0	25°50	19°34	19°16	21°45	1°27	1°14	17°50	24°38	M23
T 24	22 19 40	3° 1'49	16°49	1♍ 6	19°27	16°44	11°12	25°50	19°35	19°15	21°47	1°27	1°11	17°56	24°37	T 24
W25	22 23 36	4° 0'22	1♉22	2°58	20°27	17°22	11°25	25°49	19°36	19°14	21°49	1°27	1° 8	18° 3	24°37	W25
T 26	22 27 33	4°58'56	15°31	4°50	21°26	18° 1	11°38	25°49	19°38	19°13	21°51	1°27	1° 4	18°10	24°37	T 26
F 27	22 31 29	5°57'33	29°15	6°40	22°25	18°39	11°51	25°49	19°40	19°12	21°53	1°27	1° 1	18°16	24°37	F 27
S 28	22 35 26	6°56'13	12♊35	8°30	23°24	19°17	12° 4	25°D49	19°41	19°10	21°55	1°D27	0°58	18°23	24°D37	S 28
S 29	22 39 22	7°54'54	25°32	10°18	24°22	19°55	12°17	25°49	19°43	19° 9	21°57	1°27	0°55	18°30	24°37	S 29
M30	22 43 19	8°53'38	8♋10	12° 6	25°20	20°33	12°30	25°49	19°45	19° 8	21°59	1°28	0°52	18°36	24°37	M30
T 31	22 47 16	9♍52'24	20♋32	13♍53	26♎17	21♌11	12♍43	25♐49	19♏46	19♈ 7	22♌ 1	1♓28	0♓49	18♍43	24♐37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n40	27n54	5n 6	20n56	0s50	1n35	0s21	20n56	1n 8	10n17	1n 8	22s59	0n34	17s28	0n12	5n57	1s53	26n30	12n37	10s58	10s42	4n44	17s50	5n41
M 2	17 24	28 17	4 41	21 1	0 34	1 4	0 26	20 47	1 8	10 13	1 8	22 59	0 34	17 28	0 12	5 57	1 53	26 29	12 37	10 59	10 43	4 40	17 50	5 41
T 3	17 8	27 11	4 3	21 5	0 18	0 34	0 30	20 38	1 8	10 8	1 8	22 59	0 34	17 28	0 12	5 57	1 53	26 29	12 37	11 0	10 44	4 37	17 51	5 40
W 4	16 51	24 45	3 15	21 6	0 4	0 3	0 35	20 30	1 9	10 4	1 8	22 59	0 34	17 28	0 12	5 56	1 53	26 28	12 37	11 1	10 45	4 34	17 51	5 40
T 5	16 34	21 13	2 18	21 4	0n10	0s28	0 40	20 21	1 9	9 59	1 8	22 59	0 34	17 28	0 12	5 56	1 53	26 27	12 37	11 2	10 46	4 30	17 51	5 40
F 6	16 17	16 50	1 15	21 0	0 23	0 58	0 45	20 11	1 9	9 54	1 8	22 59	0 34	17 28	0 12	5 56	1 53	26 26	12 37	11 3	10 47	4 27	17 51	5 39
S 7	16 0	11 51	0 10	20 53	0 35	1 29	0 51	20 2	1 9	9 49	1 8	22 59	0 34	17 28	0 12	5 56	1 53	26 26	12 37	11 3	10 48	4 23	17 52	5 39
S 8	15 42	6 28	0s55	20 43	0 46	1 59	0 56	19 53	1 9	9 45	1 8	23 0	0 33	17 29	0 12	5 55	1 53	26 25	12 37	11 3	10 50	4 20	17 52	5 39
M 9	15 24	0 54	1 58	20 31	0 57	2 30	1 1	19 43	1 9	9 40	1 8	23 0	0 33	17 29	0 12	5 55	1 53	26 24	12 37	11 2	10 51	4 17	17 52	5 39
T 10	15 6	4s41	2 56	20 16	1 6	3 0	1 6	19 33	1 9	9 35	1 8	23 0	0 33	17 29	0 12	5 55	1 54	26 24	12 37	11 2	10 52	4 13	17 52	5 38
W11	14 47	10 9	3 46	19 58	1 14	3 31	1 12	19 23	1 10	9 30	1 8	23 0	0 33	17 29	0 12	5 54	1 54	26 23	12 38	11 2	10 53	4 10	17 53	5 38
T 12	14 29	15 18	4 28	19 37	1 22	4 1	1 17	19 13	1 10	9 26	1 7	23 0	0 33	17 30	0 12	5 54	1 54	26 23	12 38	11 1	10 54	4 7	17 53	5 38
F 13	14 10	19 56	4 58	19 14	1 28	4 31	1 22	19 3	1 10	9 21	1 7	23 0	0 33	17 30	0 12	5 54	1 54	26 22	12 38	11 1	10 55	4 3	17 53	5 37
S 14	13 51	23 50	5 14	18 48	1 34	5 1	1 28	18 53	1 10	9 16	1 7	23 0	0 33	17 30	0 12	5 53	1 54	26 21	12 38	11 1	10 56	4 0	17 53	5 37
S 15	13 31	26 42	5 16	18 19	1 38	5 31	1 33	18 42	1 10	9 11	1 7	23 0	0 33	17 30	0 12	5 53	1 54	26 21	12 38	11 1	10 58	3 56	17 54	5 37
M16	13 12	28 12	5 2	17 49	1 42	6 1	1 39	18 32	1 10	9 6	1 7	23 0	0 32	17 31	0 12	5 53	1 54	26 20	12 38	11 1	10 59	3 53	17 54	5 36
T 17	12 52	28 5	4 31	17 17	1 45	6 31	1 45	18 21	1 10	9 1	1 7	23 0	0 32	17 31	0 12	5 52	1 54	26 19	12 38	11 1	11 0	3 50	17 54	5 36
W18	12 32	26 9	3 42	16 42	1 47	7 0	1 50	18 11	1 10	8 56	1 7	23 0	0 32	17 31	0 12	5 52	1 54	26 19	12 38	11 2	11 1	3 46	17 55	5 36
T 19	12 12	22 29	2 38	16 6	1 48	7 29	1 56	18 0	1 11	8 52	1 7	23 1	0 32	17 32	0 12	5 52	1 54	26 18	12 38	11 2	11 2	3 43	17 55	5 35
F 20	11 51	17 16	1 22	15 29	1 48	7 59	2 2	17 49	1 11	8 47	1 7	23 1	0 32	17 32	0 12	5 51	1 54	26 18	12 38	11 2	11 3	3 39	17 55	5 35
S 21	11 31	10 56	0n 1	14 50	1 48	8 28	2 7	17 38	1 11	8 42	1 7	23 1	0 32	17 32	0 12	5 51	1 54	26 17	12 38	11 2	11 4	3 36	17 56	5 35
S 22	11 10	3 56	1 25	14 10	1 47	8 56	2 13	17 26	1 11	8 37	1 7	23 1	0 32	17 33	0 12	5 50	1 54	26 16	12 39	11 2	11 6	3 33	17 56	5 34
M23	10 49	3n15	2 42	13 29	1 46	9 25	2 19	17 15	1 11	8 32	1 7	23 1	0 31	17 33	0 12	5 50	1 54	26 16	12 39	11 2	11 7	3 29	17 56	5 34
T 24	10 28	10 8	3 46	12 46	1 44	9 54	2 25	17 4	1 11	8 27	1 7	23 1	0 31	17 34	0 12	5 49	1 54	26 15	12 39	11 2	11 8	3 26	17 57	5 33
W25	10 7	16 19	4 35	12 3	1 41	10 22	2 31	16 52	1 11	8 22	1 7	23 1	0 31	17 34	0 12	5 49	1 54	26 15	12 39	11 2	11 9	3 23	17 57	5 33
T 26	9 45	21 28	5 6	11 20	1 38	10 50	2 36	16 40	1 11	8 17	1 7	23 1	0 31	17 34	0 12	5 49	1 54	26 14	12 39	11 2	11 10	3 19	17 57	5 33
F 27	9 23	25 17	5 17	10 36	1 35	11 17	2 42	16 28	1 12	8 12	1 7	23 1	0 31	17 35	0 12	5 48	1 54	26 14	12 39	11 2	11 11	3 16	17 58	5 32
S 28	9 2	27 37	5 12	9 51	1 31	11 45	2 48	16 17	1 12	8 7	1 7	23 2	0 31	17 35	0 12	5 48	1 54	26 13	12 39	11 2	11 12	3 12	17 58	5 32
S 29	8 40	28 22	4 50	9 6	1 27	12 12	2 54	16 5	1 12	8 2	1 7	23 2	0 31	17 36	0 12	5 47	1 55	26 13	12 40	11 2	11 14	3 9	17 58	5 32
M30	8 17	27 36	4 15	8 20	1 22	12 39	3 0	15 52	1 12	7 57	1 7	23 2	0 31	17 36	0 12	5 47	1 55	26 12	12 40	11 2	11 15	3 6	17 59	5 31
T 31	7n55	25n27	3n28	7n34	1n17	13s 6	3s 6	15n40	1n12	7n52	1n 7	23s 2	0n30	17s37	0n12	5n46	1s55	26n11	12n40	11s 2	11s16	3n 2	17s59	5n31

Julian Day Number = 1985345.5, Delta T = 57m16s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'38, Lahiri = 6°04'38 Julian Calendar 1 Aug. 723 == Greg. Calendar 5 Aug. 723

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ASTRODIENST EPHEMERIS for the year 723
geocentric

SEPTEMBER 723 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 51 12	10♍51'13	2♌41	15♍38	27♎14	21♌49	12♍56	25♐49	19♏48	19°R 6	22♌ 3	1♓29	0♓45	18♍50	24♐37	W 1
T 2	22 55 9	11°50'03	14°41	17°23	28°11	22°27	13° 9	25°50	19°50	19♈ 4	22° 5	1°30	0°42	18°56	24°38	T 2
F 3	22 59 5	12°48'56	26°34	19° 7	29° 7	23° 5	13°22	25°50	19°52	19° 3	22° 7	1°R31	0°39	19° 3	24°38	F 3
S 4	23 3 2	13°47'51	8♍23	20°50	0♏ 2	23°43	13°35	25°51	19°54	19° 2	22° 9	1°30	0°36	19°10	24°39	S 4
S 5	23 6 58	14°46'48	20°11	22°32	0°57	24°21	13°48	25°52	19°56	19° 1	22°11	1°30	0°33	19°16	24°39	S 5
M 6	23 10 55	15°45'47	1♎59	24°13	1°52	25° 0	14° 1	25°53	19°58	18°59	22°13	1°28	0°29	19°23	24°40	M 6
T 7	23 14 51	16°44'48	13°49	25°53	2°46	25°38	14°14	25°54	20° 0	18°58	22°15	1°26	0°26	19°29	24°41	T 7
W 8	23 18 48	17°43'50	25°45	27°32	3°39	26°16	14°27	25°55	20° 2	18°57	22°17	1°24	0°23	19°36	24°42	W 8
T 9	23 22 44	18°42'55	7♏48	29°10	4°32	26°54	14°40	25°56	20° 4	18°55	22°19	1°21	0°20	19°43	24°43	T 9
F 10	23 26 41	19°42'02	20° 1	0♎48	5°24	27°32	14°53	25°57	20° 7	18°54	22°21	1°19	0°17	19°49	24°44	F 10
S 11	23 30 38	20°41'11	2♐29	2°24	6°16	28°10	15° 6	25°58	20° 9	18°52	22°22	1°17	0°14	19°56	24°45	S 11
S 12	23 34 34	21°40'22	15°13	4° 0	7° 7	28°48	15°19	26° 0	20°11	18°51	22°24	1°16	0°10	20° 3	24°46	S 12
M13	23 38 31	22°39'34	28°19	5°35	7°57	29°26	15°32	26° 1	20°14	18°49	22°26	1°D16	0° 7	20° 9	24°47	M13
T 14	23 42 27	23°38'48	11♑47	7° 9	8°46	0♍ 4	15°45	26° 3	20°16	18°48	22°28	1°17	0° 4	20°16	24°49	T 14
W15	23 46 24	24°38'04	25°42	8°43	9°35	0°42	15°58	26° 4	20°18	18°46	22°30	1°18	0° 1	20°23	24°50	W15
T 16	23 50 20	25°37'22	10♒ 1	10°15	10°23	1°20	16°11	26° 6	20°21	18°45	22°32	1°19	29♒58	20°29	24°51	T 16
F 17	23 54 17	26°36'42	24°45	11°47	11°10	1°58	16°24	26° 8	20°23	18°43	22°33	1°R20	29°54	20°36	24°53	F 17
S 18	23 58 13	27°36'03	9♓47	13°18	11°57	2°36	16°37	26°10	20°26	18°42	22°35	1°20	29°51	20°43	24°55	S 18
S 19	0 2 10	28°35'27	24°59	14°49	12°42	3°14	16°50	26°12	20°29	18°40	22°37	1°19	29°48	20°49	24°56	S 19
M20	0 6 7	29°34'52	10♈13	16°18	13°27	3°53	17° 2	26°14	20°31	18°39	22°39	1°16	29°45	20°56	24°58	M20
T 21	0 10 3	0♎34'20	25°18	17°47	14°10	4°31	17°15	26°17	20°34	18°37	22°40	1°12	29°42	21° 3	25° 0	T 21
W22	0 14 0	1°33'50	10♉ 6	19°15	14°53	5° 9	17°28	26°19	20°36	18°35	22°42	1° 8	29°39	21° 9	25° 2	W22
T 23	0 17 56	2°33'23	24°28	20°42	15°34	5°47	17°41	26°21	20°39	18°34	22°44	1° 4	29°35	21°16	25° 4	T 23
F 24	0 21 53	3°32'57	8♊23	22° 9	16°15	6°25	17°54	26°24	20°42	18°32	22°45	1° 0	29°32	21°23	25° 6	F 24
S 25	0 25 49	4°32'34	21°48	23°35	16°54	7° 3	18° 6	26°27	20°45	18°31	22°47	0°58	29°29	21°29	25° 8	S 25
S 26	0 29 46	5°32'14	4♋47	25° 0	17°32	7°41	18°19	26°29	20°48	18°29	22°49	0°D57	29°26	21°36	25°11	S 26
M27	0 33 42	6°31'56	17°23	26°24	18° 9	8°19	18°32	26°32	20°50	18°27	22°50	0°57	29°23	21°43	25°13	M27
T 28	0 37 39	7°31'40	29°40	27°47	18°45	8°57	18°45	26°35	20°53	18°26	22°52	0°59	29°20	21°49	25°15	T 28
W29	0 41 36	8°31'26	11♌42	29° 9	19°20	9°35	18°57	26°38	20°56	18°24	22°53	1° 1	29°16	21°56	25°18	W29
T 30	0 45 32	9♎31'15	23♌36	0♏30	19♏53	10♍13	19♍10	26♐41	20♏59	18♈22	22♌55	1♓ 2	29♒13	22♍ 3	25♐20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n33	22n11	2n33	6n49	1n12	13s32	3s12	15n28	1n12	7n47	1n 7	23s 2	0n30	17s37	0n12	5n46	1s55	26n11	12n40	11s 1	11s17	2n59	18s 0	5n30
T 2	7 10	18 0	1 32	6 3	1 7	13 58	3 17	15 16	1 12	7 42	1 7	23 2	0 30	17 38	0 12	5 45	1 55	26 10	12 40	11 1	11 18	2 55	18 0	5 30
F 3	6 48	13 10	0 27	5 16	1 1	14 24	3 23	15 3	1 12	7 37	1 8	23 2	0 30	17 38	0 12	5 45	1 55	26 10	12 41	11 1	11 19	2 52	18 0	5 30
S 4	6 25	7 54	0s38	4 30	0 55	14 49	3 29	14 50	1 12	7 32	1 8	23 3	0 30	17 39	0 12	5 44	1 55	26 9	12 41	11 1	11 20	2 49	18 1	5 29
S 5	6 2	2 22	1 42	3 44	0 49	15 14	3 35	14 38	1 12	7 27	1 8	23 3	0 30	17 40	0 12	5 44	1 55	26 9	12 41	11 1	11 21	2 45	18 1	5 29
M 6	5 39	3s15	2 41	2 58	0 43	15 39	3 41	14 25	1 12	7 22	1 8	23 3	0 30	17 40	0 12	5 43	1 55	26 9	12 41	11 2	11 23	2 42	18 2	5 29
T 7	5 16	8 46	3 33	2 13	0 37	16 3	3 46	14 12	1 12	7 17	1 8	23 3	0 30	17 41	0 12	5 42	1 55	26 8	12 41	11 2	11 24	2 38	18 2	5 28
W 8	4 53	14 0	4 17	1 27	0 30	16 27	3 52	13 59	1 13	7 12	1 8	23 3	0 29	17 41	0 12	5 42	1 55	26 8	12 42	11 3	11 25	2 35	18 2	5 28
T 9	4 30	18 46	4 49	0 41	0 24	16 51	3 58	13 46	1 13	7 7	1 8	23 3	0 29	17 42	0 12	5 41	1 55	26 7	12 42	11 4	11 26	2 32	18 3	5 27
F 10	4 6	22 50	5 9	0s 4	0 17	17 14	4 4	13 33	1 13	7 2	1 8	23 4	0 29	17 43	0 12	5 41	1 55	26 7	12 42	11 5	11 27	2 28	18 3	5 27
S 11	3 43	25 57	5 15	0 49	0 10	17 37	4 9	13 20	1 13	6 57	1 8	23 4	0 29	17 43	0 12	5 40	1 55	26 6	12 42	11 6	11 28	2 25	18 4	5 27
S 12	3 19	27 51	5 6	1 33	0 3	17 59	4 15	13 6	1 13	6 52	1 8	23 4	0 29	17 44	0 12	5 40	1 55	26 6	12 43	11 6	11 29	2 22	18 4	5 26
M13	2 56	28 17	4 41	2 18	0s 4	18 21	4 20	12 53	1 13	6 47	1 8	23 4	0 29	17 44	0 12	5 39	1 55	26 6	12 43	11 6	11 30	2 18	18 4	5 26
T 14	2 32	27 4	4 0	3 2	0 11	18 43	4 26	12 40	1 13	6 42	1 8	23 4	0 29	17 45	0 12	5 38	1 55	26 5	12 43	11 6	11 32	2 15	18 5	5 26
W15	2 9	24 10	3 4	3 45	0 18	19 4	4 31	12 26	1 13	6 37	1 8	23 4	0 29	17 46	0 11	5 38	1 55	26 5	12 43	11 5	11 33	2 11	18 5	5 25
T 16	1 45	19 42	1 55	4 28	0 25	19 24	4 36	12 13	1 13	6 32	1 8	23 5	0 28	17 46	0 11	5 37	1 55	26 4	12 44	11 5	11 34	2 8	18 6	5 25
F 17	1 21	13 56	0 36	5 11	0 32	19 44	4 42	11 59	1 13	6 27	1 8	23 5	0 28	17 47	0 11	5 37	1 55	26 4	12 44	11 4	11 35	2 5	18 6	5 25
S 18	0 58	7 15	0n46	5 53	0 39	20 4	4 47	11 45	1 13	6 22	1 8	23 5	0 28	17 48	0 11	5 36	1 55	26 4	12 44	11 4	11 36	2 1	18 7	5 24
S 19	0 34	0 4	2 6	6 35	0 46	20 23	4 52	11 31	1 13	6 17	1 8	23 5	0 28	17 49	0 11	5 35	1 55	26 3	12 44	11 5	11 37	1 58	18 7	5 24
M20	0 10	7n 6	3 17	7 16	0 53	20 41	4 57	11 17	1 13	6 12	1 8	23 5	0 28	17 49	0 11	5 35	1 55	26 3	12 45	11 6	11 38	1 54	18 7	5 23
T 21	0s14	13 47	4 14	7 57	1 0	20 59	5 2	11 3	1 13	6 7	1 8	23 5	0 28	17 50	0 11	5 34	1 55	26 3	12 45	11 7	11 39	1 51	18 8	5 23
W22	0 38	19 34	4 52	8 37	1 7	21 17	5 6	10 49	1 13	6 2	1 8	23 6	0 28	17 51	0 11	5 34	1 55	26 2	12 45	11 9	11 41	1 48	18 8	5 23
T 23	1 1	24 2	5 11	9 17	1 14	21 34	5 11	10 35	1 13	5 57	1 8	23 6	0 28	17 51	0 11	5 33	1 55	26 2	12 46	11 10	11 42	1 44	18 9	5 22
F 24	1 25	26 58	5 10	9 56	1 21	21 50	5 15	10 21	1 13	5 52	1 8	23 6	0 27	17 52	0 11	5 32	1 55	26 2	12 46	11 12	11 43	1 41	18 9	5 22
S 25	1 49	28 13	4 53	10 34	1 28	22 6	5 20	10 7	1 13	5 47	1 9	23 6	0 27	17 53	0 11	5 32	1 55	26 2	12 46	11 12	11 44	1 37	18 10	5 22
S 26	2 13	27 51	4 20	11 12	1 34	22 21	5 24	9 53	1 13	5 42	1 9	23 6	0 27	17 54	0 11	5 31	1 55	26 1	12 47	11 13	11 45	1 34	18 10	5 21
M27	2 37	26 2	3 36	11 49	1 41	22 36	5 28	9 38	1 13	5 37	1 9	23 7	0 27	17 55	0 11	5 30	1 55	26 1	12 47	11 13	11 46	1 31	18 10	5 21
T 28	3 0	23 1	2 43	12 25	1 47	22 50	5 32	9 24	1 13	5 32	1 9	23 7	0 27	17 55	0 11	5 30	1 55	26 1	12 47	11 12	11 47	1 27	18 11	5 21
W29	3 24	19 3	1 44	13 1	1 53	23 3	5 35	9 10	1 13	5 27	1 9	23 7	0 27	17 56	0 11	5 29	1 55	26 1	12 48	11 11	11 48	1 24	18 11	5 20
T 30	3s48	14n23	0n40	13s35	1s59	23s16	5s39	8n55	1n13	5n22	1n 9	23s 7	0n27	17s57	0n11	5n28	1s55	26n 0	12n48	11s11	11s50	1n21	18s12	5n20

Julian Day Number = 1985376.5, Delta T = 57m15s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'42, Lahiri = 6°04'42 Julian Calendar 1 Sept. 723 == Greg. Calendar 5 Sept. 723

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ASTRODIENST EPHEMERIS for the year 723
geocentric

OCTOBER 723 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 49 29	10♎31'05	5♍24	1♏51	20♏24	10♍51	19♍22	26♐44	21♏ 2	18°R21	22♌57	1°R 2	29♒10	22♍ 9	25♐23	F 1
S 2	0 53 25	11°30'58	17°10	3°10	20°55	11°29	19°35	26°48	21° 5	18♈19	22°58	1♓ 1	29° 7	22°16	25°26	S 2
S 3	0 57 22	12°30'53	28°58	4°28	21°23	12° 8	19°47	26°51	21° 8	18°17	23° 0	0°57	29° 4	22°22	25°29	S 3
M 4	1 1 18	13°30'50	10♎51	5°44	21°51	12°46	20° 0	26°54	21°11	18°16	23° 1	0°51	29° 0	22°29	25°31	M 4
T 5	1 5 15	14°30'49	22°48	7° 0	22°16	13°24	20°12	26°58	21°15	18°14	23° 2	0°44	28°57	22°36	25°34	T 5
W 6	1 9 11	15°30'50	4♏53	8°14	22°40	14° 2	20°25	27° 1	21°18	18°12	23° 4	0°36	28°54	22°42	25°37	W 6
T 7	1 13 8	16°30'53	17° 7	9°26	23° 2	14°40	20°37	27° 5	21°21	18°11	23° 5	0°27	28°51	22°49	25°40	T 7
F 8	1 17 5	17°30'58	29°31	10°36	23°22	15°18	20°49	27° 9	21°24	18° 9	23° 7	0°18	28°48	22°56	25°44	F 8
S 9	1 21 1	18°31'05	12♐ 6	11°44	23°41	15°56	21° 2	27°13	21°27	18° 7	23° 8	0°11	28°45	23° 2	25°47	S 9
S 10	1 24 58	19°31'13	24°54	12°50	23°57	16°34	21°14	27°17	21°31	18° 6	23° 9	0° 6	28°41	23° 9	25°50	S 10
M11	1 28 54	20°31'23	7♑58	13°54	24°11	17°12	21°26	27°21	21°34	18° 4	23°11	0° 3	28°38	23°16	25°53	M11
T 12	1 32 51	21°31'34	21°20	14°54	24°24	17°50	21°38	27°25	21°37	18° 2	23°12	0°D 2	28°35	23°22	25°57	T 12
W13	1 36 47	22°31'47	5♒ 3	15°52	24°34	18°28	21°50	27°29	21°40	18° 1	23°13	0° 3	28°32	23°29	26° 0	W13
T 14	1 40 44	23°32'02	19° 6	16°46	24°42	19° 6	22° 2	27°33	21°44	17°59	23°14	0° 4	28°29	23°36	26° 4	T 14
F 15	1 44 40	24°32'18	3♓31	17°36	24°47	19°44	22°14	27°38	21°47	17°57	23°16	0°R 4	28°26	23°42	26° 7	F 15
S 16	1 48 37	25°32'35	18°15	18°22	24°51	20°23	22°26	27°42	21°51	17°55	23°17	0° 3	28°22	23°49	26°11	S 16
S 17	1 52 34	26°32'54	3♈13	19° 3	24°R51	21° 1	22°38	27°46	21°54	17°54	23°18	29♒59	28°19	23°56	26°15	S 17
M18	1 56 30	27°33'15	18°18	19°39	24°50	21°39	22°50	27°51	21°57	17°52	23°19	29°53	28°16	24° 2	26°18	M18
T 19	2 0 27	28°33'37	3♉19	20° 8	24°46	22°17	23° 1	27°56	22° 1	17°50	23°20	29°45	28°13	24° 9	26°22	T 19
W20	2 4 23	29°34'01	18° 8	20°31	24°40	22°55	23°13	28° 0	22° 4	17°49	23°21	29°35	28°10	24°16	26°26	W20
T 21	2 8 20	0♏34'27	2♊37	20°46	24°31	23°33	23°25	28° 5	22° 8	17°47	23°22	29°25	28° 6	24°22	26°30	T 21
F 22	2 12 16	1°34'55	16°38	20°R54	24°19	24°11	23°36	28°10	22°11	17°46	23°23	29°17	28° 3	24°29	26°34	F 22
S 23	2 16 13	2°35'25	0♋11	20°52	24° 6	24°49	23°48	28°15	22°15	17°44	23°24	29°10	28° 0	24°36	26°38	S 23
S 24	2 20 9	3°35'57	13°16	20°41	23°50	25°27	23°59	28°20	22°18	17°42	23°25	29° 5	27°57	24°42	26°42	S 24
M25	2 24 6	4°36'30	25°55	20°20	23°31	26° 5	24°11	28°25	22°22	17°41	23°26	29° 3	27°54	24°49	26°47	M25
T 26	2 28 3	5°37'06	8♌12	19°48	23°10	26°43	24°22	28°30	22°25	17°39	23°27	29°D 3	27°51	24°56	26°51	T 26
W27	2 31 59	6°37'43	20°15	19° 6	22°48	27°21	24°33	28°35	22°29	17°38	23°28	29° 3	27°47	25° 2	26°55	W27
T 28	2 35 56	7°38'21	2♍ 7	18°14	22°23	27°59	24°44	28°40	22°33	17°36	23°29	29°R 4	27°44	25° 9	26°59	T 28
F 29	2 39 52	8°39'02	13°54	17°13	21°56	28°37	24°55	28°46	22°36	17°34	23°29	29° 2	27°41	25°16	27° 4	F 29
S 30	2 43 49	9°39'44	25°41	16° 3	21°27	29°16	25° 6	28°51	22°40	17°33	23°30	28°59	27°38	25°22	27° 8	S 30
S 31	2 47 45	10♏40'28	7♎32	14♏47	20♏56	29♍54	25♍17	28♐56	22♏43	17♈31	23♌31	28♒53	27♒35	25♍29	27♐13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s12	9n14	0s24	14s 9	2s 5	23s28	5s42	8n41	1n13	5n18	1n 9	23s 7	0n27	17s58	0n11	5n28	1s55	26n 0	12n48	11s11	11s51	1n17	18s12	5n20
S 2	4 35	3 46	1 27	14 42	2 10	23 39	5 45	8 26	1 13	5 13	1 9	23 8	0 26	17 59	0 11	5 27	1 55	26 0	12 49	11 11	11 52	1 14	18 13	5 19
S 3	4 59	1s49	2 26	15 14	2 16	23 50	5 48	8 11	1 13	5 8	1 9	23 8	0 26	17 59	0 11	5 26	1 55	26 0	12 49	11 13	11 53	1 10	18 13	5 19
M 4	5 22	7 22	3 19	15 44	2 21	23 59	5 51	7 57	1 13	5 3	1 9	23 8	0 26	18 0	0 11	5 26	1 55	26 0	12 49	11 15	11 54	1 7	18 13	5 19
T 5	5 46	12 41	4 3	16 14	2 26	24 8	5 53	7 42	1 13	4 58	1 9	23 8	0 26	18 1	0 11	5 25	1 55	25 59	12 50	11 17	11 55	1 4	18 14	5 18
W 6	6 9	17 35	4 38	16 43	2 30	24 17	5 55	7 27	1 13	4 53	1 9	23 8	0 26	18 2	0 11	5 25	1 56	25 59	12 50	11 20	11 56	1 0	18 14	5 18
T 7	6 32	21 50	4 59	17 10	2 34	24 24	5 57	7 12	1 13	4 48	1 10	23 9	0 26	18 3	0 11	5 24	1 56	25 59	12 51	11 24	11 57	0 57	18 15	5 18
F 8	6 55	25 11	5 7	17 36	2 38	24 31	5 58	6 58	1 13	4 44	1 10	23 9	0 26	18 4	0 11	5 23	1 56	25 59	12 51	11 27	11 58	0 53	18 15	5 17
S 9	7 18	27 22	5 1	18 1	2 42	24 37	5 59	6 43	1 13	4 39	1 10	23 9	0 26	18 4	0 11	5 23	1 56	25 59	12 51	11 29	12 0	0 50	18 16	5 17
S 10	7 41	28 10	4 39	18 24	2 44	24 42	6 0	6 28	1 13	4 34	1 10	23 9	0 25	18 5	0 11	5 22	1 56	25 59	12 52	11 31	12 1	0 47	18 16	5 17
M11	8 4	27 25	4 3	18 46	2 47	24 46	6 1	6 13	1 13	4 29	1 10	23 9	0 25	18 6	0 11	5 21	1 56	25 59	12 52	11 32	12 2	0 43	18 16	5 16
T 12	8 27	25 4	3 13	19 6	2 49	24 49	6 0	5 58	1 13	4 25	1 10	23 10	0 25	18 7	0 11	5 21	1 56	25 59	12 52	11 32	12 3	0 40	18 17	5 16
W13	8 50	21 15	2 10	19 25	2 50	24 51	6 0	5 43	1 13	4 20	1 10	23 10	0 25	18 8	0 11	5 20	1 56	25 59	12 53	11 32	12 4	0 37	18 17	5 16
T 14	9 12	16 8	0 59	19 41	2 51	24 52	5 59	5 28	1 13	4 15	1 10	23 10	0 25	18 9	0 11	5 19	1 55	25 59	12 53	11 32	12 5	0 33	18 18	5 15
F 15	9 34	10 0	0n19	19 56	2 51	24 52	5 58	5 13	1 13	4 11	1 10	23 10	0 25	18 10	0 11	5 19	1 55	25 59	12 54	11 32	12 6	0 30	18 18	5 15
S 16	9 57	3 12	1 36	20 8	2 50	24 52	5 56	4 58	1 13	4 6	1 11	23 10	0 25	18 11	0 11	5 18	1 55	25 59	12 54	11 32	12 7	0 26	18 18	5 15
S 17	10 19	3n51	2 48	20 18	2 48	24 50	5 54	4 42	1 13	4 1	1 11	23 11	0 25	18 11	0 11	5 17	1 55	25 59	12 54	11 33	12 8	0 23	18 19	5 14
M18	10 41	10 44	3 48	20 25	2 45	24 46	5 51	4 27	1 13	3 57	1 11	23 11	0 25	18 12	0 11	5 17	1 55	25 59	12 55	11 36	12 10	0 20	18 19	5 14
T 19	11 2	16 59	4 33	20 29	2 41	24 42	5 47	4 12	1 13	3 52	1 11	23 11	0 24	18 13	0 11	5 16	1 55	25 59	12 55	11 38	12 11	0 16	18 20	5 14
W20	11 24	22 7	4 58	20 31	2 36	24 37	5 43	3 57	1 13	3 48	1 11	23 11	0 24	18 14	0 11	5 16	1 55	25 59	12 56	11 42	12 12	0 13	18 20	5 14
T 21	11 45	25 47	5 4	20 29	2 30	24 30	5 39	3 42	1 13	3 43	1 11	23 11	0 24	18 15	0 11	5 15	1 55	25 59	12 56	11 45	12 13	0 9	18 20	5 13
F 22	12 6	27 45	4 51	20 23	2 22	24 22	5 34	3 26	1 13	3 39	1 11	23 11	0 24	18 16	0 11	5 14	1 55	25 59	12 57	11 48	12 14	0 6	18 21	5 13
S 23	12 27	27 58	4 21	20 14	2 13	24 13	5 28	3 11	1 13	3 34	1 11	23 12	0 24	18 17	0 11	5 14	1 55	25 59	12 57	11 51	12 15	0 3	18 21	5 13
S 24	12 48	26 34	3 39	20 1	2 3	24 2	5 21	2 56	1 13	3 30	1 12	23 12	0 24	18 18	0 11	5 13	1 55	25 59	12 57	11 52	12 16	0s 1	18 21	5 13
M25	13 9	23 51	2 47	19 43	1 50	23 51	5 14	2 41	1 13	3 25	1 12	23 12	0 24	18 19	0 11	5 13	1 55	25 59	12 58	11 53	12 17	0 4	18 22	5 12
T 26	13 29	20 5	1 49	19 21	1 36	23 38	5 6	2 25	1 13	3 21	1 12	23 12	0 24	18 20	0 11	5 12	1 55	25 59	12 58	11 53	12 18	0 7	18 22	5 12
W27	13 49	15 35	0 47	18 55	1 21	23 24	4 58	2 10	1 13	3 17	1 12	23 12	0 24	18 21	0 11	5 11	1 55	25 59	12 59	11 53	12 19	0 11	18 22	5 12
T 28	14 9	10 33	0s16	18 24	1 4	23 8	4 49	1 55	1 13	3 12	1 12	23 12	0 24	18 22	0 11	5 11	1 55	25 59	12 59	11 53	12 21	0 14	18 23	5 12
F 29	14 29	5 11	1 18	17 49	0 45	22 51	4 39	1 39	1 12	3 8	1 12	23 13	0 23	18 23	0 11	5 10	1 55	25 59	13 0	11 53	12 22	0 18	18 23	5 11
S 30	14 49	0s21	2 17	17 10	0 25	22 33	4 28	1 24	1 12	3 4	1 12	23 13	0 23	18 23	0 11	5 10	1 55	26 0	13 0	11 54	12 23	0 21	18 23	5 11
S 31	15s 8	5s54	3s 9	16s28	0s 5	22s14	4s17	1n 9	1n12	3n 0	1n13	23s13	0n23	18s24	0n11	5n 9	1s55	26n 0	13n 1	11s57	12s24	0s24	18s24	5n11

Julian Day Number = 1985406.5, Delta T = 57m15s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'46, Lahiri = 6°04'47 Julian Calendar 1 Oct. 723 == Greg. Calendar 5 Oct. 723

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NOVEMBER 723 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 51 42	11♏41'13	19♎30	13°R27	20°R24	0♎32	25♍28	29♐ 2	22♏47	17°R30	23♌32	28°R44	27♒31	25♍36	27♐17	M 1
T 2	2 55 38	12°42'00	1♏37	12♏ 5	19♏51	1°10	25°39	29° 7	22°51	17♈28	23°32	28♒32	27°28	25°42	27°22	T 2
W 3	2 59 35	13°42'49	13°55	10°44	19°17	1°48	25°49	29°13	22°54	17°27	23°33	28°19	27°25	25°49	27°26	W 3
T 4	3 3 32	14°43'39	26°25	9°27	18°42	2°26	26° 0	29°19	22°58	17°25	23°34	28° 5	27°22	25°56	27°31	T 4
F 5	3 7 28	15°44'30	9♐ 6	8°16	18° 6	3° 4	26°10	29°24	23° 2	17°24	23°34	27°52	27°19	26° 2	27°36	F 5
S 6	3 11 25	16°45'22	21°57	7°14	17°30	3°42	26°21	29°30	23° 5	17°22	23°35	27°40	27°16	26° 9	27°41	S 6
S 7	3 15 21	17°46'15	5♑ 0	6°21	16°53	4°20	26°31	29°36	23° 9	17°21	23°35	27°31	27°12	26°16	27°45	S 7
M 8	3 19 18	18°47'10	18°15	5°39	16°17	4°58	26°41	29°42	23°13	17°20	23°36	27°25	27° 9	26°22	27°50	M 8
T 9	3 23 14	19°48'05	1♒41	5° 9	15°41	5°36	26°51	29°48	23°16	17°18	23°36	27°22	27° 6	26°29	27°55	T 9
W10	3 27 11	20°49'01	15°20	4°51	15° 6	6°14	27° 1	29°54	23°20	17°17	23°37	27°21	27° 3	26°36	28° 0	W10
T 11	3 31 7	21°49'57	29°14	4°D43	14°31	6°52	27°11	29°59	23°24	17°16	23°37	27°21	27° 0	26°42	28° 5	T 11
F 12	3 35 4	22°50'55	13♓22	4°47	13°58	7°30	27°21	0♑ 6	23°27	17°14	23°37	27°21	26°57	26°49	28°10	F 12
S 13	3 39 1	23°51'53	27°44	5° 0	13°26	8° 8	27°31	0°12	23°31	17°13	23°38	27°18	26°53	26°56	28°15	S 13
S 14	3 42 57	24°52'52	12♈18	5°22	12°55	8°46	27°41	0°18	23°35	17°12	23°38	27°13	26°50	27° 2	28°20	S 14
M15	3 46 54	25°53'52	26°59	5°53	12°26	9°24	27°50	0°25	23°38	17°11	23°38	27° 5	26°47	27° 9	28°25	M15
T 16	3 50 50	26°54'52	11♉39	6°31	11°59	10° 2	27°59	0°31	23°42	17° 9	23°38	26°55	26°44	27°16	28°30	T 16
W17	3 54 47	27°55'54	26°13	7°15	11°34	10°40	28° 9	0°37	23°46	17° 8	23°39	26°43	26°41	27°22	28°36	W17
T 18	3 58 43	28°56'56	10♊31	8° 6	11°12	11°18	28°18	0°43	23°49	17° 7	23°39	26°30	26°37	27°29	28°41	T 18
F 19	4 2 40	29°57'59	24°28	9° 1	10°51	11°56	28°27	0°50	23°53	17° 6	23°39	26°19	26°34	27°36	28°46	F 19
S 20	4 6 36	0♐59'03	8♋ 1	10° 1	10°33	12°34	28°36	0°56	23°57	17° 5	23°39	26° 9	26°31	27°42	28°51	S 20
S 21	4 10 33	2° 0'08	21° 7	11° 5	10°17	13°12	28°45	1° 3	24° 0	17° 4	23°39	26° 2	26°28	27°49	28°57	S 21
M22	4 14 30	3° 1'14	3♌50	12°13	10° 3	13°50	28°54	1° 9	24° 4	17° 2	23°39	25°58	26°25	27°56	29° 2	M22
T 23	4 18 26	4° 2'21	16°11	13°23	9°52	14°28	29° 2	1°16	24° 8	17° 1	23°R39	25°57	26°22	28° 2	29° 7	T 23
W24	4 22 23	5° 3'29	28°15	14°36	9°44	15° 6	29°11	1°22	24°11	17° 0	23°39	25°D57	26°18	28° 9	29°13	W24
T 25	4 26 19	6° 4'37	10♍ 9	15°51	9°38	15°44	29°19	1°29	24°15	16°59	23°39	25°R57	26°15	28°16	29°18	T 25
F 26	4 30 16	7° 5'47	21°58	17° 8	9°35	16°22	29°27	1°36	24°19	16°58	23°39	25°56	26°12	28°22	29°24	F 26
S 27	4 34 12	8° 6'57	3♎46	18°27	9°D34	17° 0	29°36	1°42	24°22	16°58	23°39	25°53	26° 9	28°29	29°29	S 27
S 28	4 38 9	9° 8'08	15°40	19°47	9°35	17°38	29°44	1°49	24°26	16°57	23°39	25°47	26° 6	28°36	29°35	S 28
M29	4 42 5	10° 9'19	27°43	21° 9	9°39	18°16	29°51	1°56	24°29	16°56	23°39	25°39	26° 3	28°42	29°40	M29
T 30	4 46 2	11♐10'31	9♏58	22♏32	9♏46	18♎54	29♍59	2♑ 2	24♏33	16♈55	23♌38	25♒28	25♒59	28♍49	29♐46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s27	11s17	3s54	15s44	0n16	21s54	4s 5	0n53	1n12	2n56	1n13	23s13	0n23	18s25	0n11	5n 9	1s55	26n 0	13n 1	12s 0	12s25	0s28	18s24	5n11
T 2	15 45	16 18	4 29	15 0	0 36	21 33	3 53	0 38	1 12	2 51	1 13	23 13	0 23	18 26	0 11	5 8	1 55	26 0	13 2	12 4	12 26	0 31	18 24	5 11
W 3	16 4	20 45	4 51	14 16	0 56	21 11	3 40	0 23	1 12	2 47	1 13	23 13	0 23	18 27	0 11	5 7	1 55	26 0	13 2	12 9	12 27	0 34	18 25	5 10
T 4	16 22	24 21	5 0	13 34	1 15	20 48	3 26	0 7	1 12	2 43	1 13	23 13	0 23	18 28	0 11	5 7	1 55	26 0	13 2	12 13	12 28	0 38	18 25	5 10
F 5	16 40	26 49	4 55	12 55	1 32	20 25	3 12	0s 8	1 12	2 39	1 13	23 14	0 23	18 29	0 11	5 6	1 55	26 1	13 3	12 18	12 29	0 41	18 25	5 10
S 6	16 58	27 55	4 34	12 20	1 47	20 1	2 58	0 23	1 12	2 35	1 14	23 14	0 23	18 30	0 11	5 6	1 55	26 1	13 3	12 22	12 30	0 45	18 25	5 10
S 7	17 15	27 30	3 59	11 50	2 0	19 36	2 43	0 38	1 12	2 31	1 14	23 14	0 23	18 31	0 11	5 5	1 55	26 1	13 4	12 25	12 32	0 48	18 26	5 10
M 8	17 32	25 30	3 11	11 26	2 12	19 11	2 28	0 54	1 11	2 27	1 14	23 14	0 22	18 32	0 11	5 5	1 55	26 1	13 4	12 27	12 33	0 51	18 26	5 9
T 9	17 49	22 3	2 11	11 7	2 21	18 46	2 13	1 9	1 11	2 23	1 14	23 14	0 22	18 33	0 11	5 4	1 55	26 2	13 5	12 28	12 34	0 55	18 26	5 9
W10	18 5	17 21	1 3	10 54	2 28	18 21	1 57	1 24	1 11	2 20	1 14	23 14	0 22	18 34	0 11	5 4	1 55	26 2	13 5	12 28	12 35	0 58	18 27	5 9
T 11	18 21	11 40	0n10	10 47	2 33	17 55	1 42	1 40	1 11	2 16	1 14	23 14	0 22	18 35	0 11	5 3	1 55	26 2	13 6	12 29	12 36	1 1	18 27	5 9
F 12	18 37	5 18	1 24	10 45	2 36	17 30	1 26	1 55	1 11	2 12	1 15	23 14	0 22	18 36	0 11	5 3	1 55	26 3	13 6	12 29	12 37	1 5	18 27	5 9
S 13	18 52	1n26	2 33	10 48	2 38	17 6	1 10	2 10	1 11	2 8	1 15	23 14	0 22	18 37	0 11	5 2	1 55	26 3	13 7	12 29	12 38	1 8	18 27	5 9
S 14	19 7	8 10	3 33	10 55	2 39	16 42	0 55	2 25	1 11	2 5	1 15	23 14	0 22	18 38	0 11	5 2	1 55	26 3	13 7	12 31	12 39	1 11	18 27	5 8
M15	19 22	14 30	4 20	11 6	2 38	16 18	0 39	2 40	1 11	2 1	1 15	23 15	0 22	18 38	0 11	5 2	1 55	26 4	13 8	12 34	12 40	1 15	18 28	5 8
T 16	19 36	20 1	4 50	11 20	2 36	15 55	0 24	2 56	1 10	1 57	1 15	23 15	0 22	18 39	0 11	5 1	1 55	26 4	13 8	12 38	12 41	1 18	18 28	5 8
W17	19 50	24 18	5 0	11 37	2 33	15 33	0 9	3 11	1 10	1 54	1 16	23 15	0 22	18 40	0 11	5 1	1 55	26 4	13 9	12 42	12 42	1 22	18 28	5 8
T 18	20 4	26 59	4 51	11 57	2 29	15 12	0n 5	3 26	1 10	1 50	1 16	23 15	0 22	18 41	0 11	5 0	1 55	26 5	13 9	12 46	12 44	1 25	18 28	5 8
F 19	20 17	27 54	4 25	12 19	2 24	14 52	0 20	3 41	1 10	1 47	1 16	23 15	0 21	18 42	0 11	5 0	1 55	26 5	13 9	12 50	12 45	1 28	18 28	5 8
S 20	20 30	27 6	3 44	12 43	2 19	14 33	0 34	3 56	1 10	1 43	1 16	23 15	0 21	18 43	0 11	5 0	1 55	26 6	13 10	12 53	12 46	1 32	18 29	5 8
S 21	20 42	24 47	2 53	13 8	2 14	14 15	0 47	4 11	1 10	1 40	1 16	23 15	0 21	18 44	0 11	4 59	1 54	26 6	13 10	12 56	12 47	1 35	18 29	5 7
M22	20 54	21 17	1 54	13 35	2 8	13 59	1 0	4 26	1 9	1 37	1 17	23 15	0 21	18 45	0 11	4 59	1 54	26 6	13 11	12 57	12 48	1 38	18 29	5 7
T 23	21 6	16 55	0 52	14 2	2 1	13 43	1 13	4 41	1 9	1 33	1 17	23 15	0 21	18 46	0 11	4 58	1 54	26 7	13 11	12 57	12 49	1 42	18 29	5 7
W24	21 17	11 58	0s12	14 30	1 55	13 29	1 25	4 56	1 9	1 30	1 17	23 15	0 21	18 47	0 11	4 58	1 54	26 7	13 12	12 58	12 50	1 45	18 29	5 7
T 25	21 28	6 40	1 15	14 59	1 48	13 16	1 37	5 11	1 9	1 27	1 17	23 15	0 21	18 48	0 11	4 58	1 54	26 8	13 12	12 58	12 51	1 48	18 29	5 7
F 26	21 39	1 10	2 13	15 28	1 40	13 4	1 48	5 26	1 9	1 24	1 17	23 15	0 21	18 49	0 11	4 57	1 54	26 8	13 13	12 58	12 52	1 52	18 29	5 7
S 27	21 49	4s21	3 6	15 57	1 33	12 54	1 59	5 40	1 8	1 21	1 18	23 15	0 21	18 49	0 11	4 57	1 54	26 9	13 13	12 59	12 53	1 55	18 29	5 7
S 28	21 58	9 45	3 51	16 26	1 26	12 44	2 10	5 55	1 8	1 18	1 18	23 15	0 21	18 50	0 11	4 57	1 54	26 9	13 14	13 1	12 54	1 58	18 29	5 7
M29	22 8	14 52	4 27	16 55	1 18	12 36	2 19	6 10	1 8	1 15	1 18	23 15	0 21	18 51	0 11	4 57	1 54	26 10	13 14	13 3	12 56	2 2	18 30	5 7
T 30	22s16	19s29	4s50	17s24	1n11	12s29	2n29	6s25	1n 8	1n12	1n18	23s15	0n20	18s52	0n11	4n56	1s54	26n10	13n15	13s 7	12s57	2s 5	18s30	5n 7

Julian Day Number = 1985437.5, Delta T = 57m14s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'50, Lahiri = 6°04'51 Julian Calendar 1 Nov. 723 == Greg. Calendar 5 Nov. 723

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ASTRODIENST EPHEMERIS for the year 723
geocentric

DECEMBER 723 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 49 59	12♐11'44	22♏28	23♏56	9♏54	19♎32	0♎ 7	2♑ 9	24♏37	16°R54	23°R38	25°R16	25♒56	28♍56	29♐51	W 1
T 2	4 53 55	13°12'58	5♐14	25°21	10° 5	20°10	0°14	2°16	24°40	16♈53	23♌38	25♒ 2	25°53	29° 2	29°57	T 2
F 3	4 57 52	14°14'11	18°15	26°46	10°18	20°48	0°22	2°23	24°44	16°53	23°38	24°50	25°50	29° 9	0♑ 2	F 3
S 4	5 1 48	15°15'25	1♑29	28°13	10°34	21°26	0°29	2°30	24°47	16°52	23°37	24°38	25°47	29°16	0° 8	S 4
S 5	5 5 45	16°16'39	14°56	29°40	10°51	22° 4	0°36	2°37	24°51	16°51	23°37	24°30	25°43	29°22	0°14	S 5
M 6	5 9 41	17°17'53	28°32	1♐ 7	11°10	22°42	0°43	2°44	24°54	16°51	23°36	24°24	25°40	29°29	0°19	M 6
T 7	5 13 38	18°19'07	12♒16	2°36	11°31	23°20	0°50	2°50	24°58	16°50	23°36	24°22	25°37	29°36	0°25	T 7
W 8	5 17 35	19°20'21	26° 7	4° 4	11°54	23°58	0°56	2°57	25° 1	16°49	23°36	24°D21	25°34	29°42	0°31	W 8
T 9	5 21 31	20°21'35	10♓ 5	5°33	12°19	24°36	1° 3	3° 4	25° 5	16°49	23°35	24°21	25°31	29°49	0°36	T 9
F 10	5 25 28	21°22'48	24° 8	7° 3	12°46	25°13	1° 9	3°11	25° 8	16°48	23°35	24°R22	25°28	29°56	0°42	F 10
S 11	5 29 24	22°24'01	8♈17	8°33	13°14	25°51	1°15	3°18	25°11	16°48	23°34	24°21	25°24	0♎ 2	0°48	S 11
S 12	5 33 21	23°25'13	22°29	10° 4	13°44	26°29	1°21	3°25	25°15	16°47	23°33	24°17	25°21	0° 9	0°53	S 12
M13	5 37 17	24°26'26	6♉43	11°35	14°16	27° 7	1°27	3°32	25°18	16°47	23°33	24°11	25°18	0°16	0°59	M13
T 14	5 41 14	25°27'37	20°55	13° 6	14°49	27°45	1°33	3°39	25°21	16°46	23°32	24° 3	25°15	0°22	1° 5	T 14
W15	5 45 10	26°28'49	5♊ 1	14°38	15°23	28°23	1°38	3°46	25°25	16°46	23°32	23°53	25°12	0°29	1°11	W15
T 16	5 49 7	27°30'00	18°55	16°10	15°59	29° 0	1°44	3°53	25°28	16°46	23°31	23°43	25° 9	0°36	1°16	T 16
F 17	5 53 4	28°31'12	2♋33	17°42	16°36	29°38	1°49	4° 1	25°31	16°45	23°30	23°34	25° 5	0°42	1°22	F 17
S 18	5 57 0	29°32'22	15°53	19°15	17°15	0♏16	1°54	4° 8	25°35	16°45	23°29	23°26	25° 2	0°49	1°28	S 18
S 19	6 0 57	0♑33'33	28°52	20°49	17°55	0°54	1°59	4°15	25°38	16°45	23°29	23°21	24°59	0°56	1°33	S 19
M20	6 4 53	1°34'43	11♌32	22°23	18°36	1°31	2° 4	4°22	25°41	16°45	23°28	23°18	24°56	1° 2	1°39	M20
T 21	6 8 50	2°35'53	23°53	23°57	19°18	2° 9	2° 8	4°29	25°44	16°45	23°27	23°D17	24°53	1° 9	1°45	T 21
W22	6 12 46	3°37'03	5♍59	25°32	20° 1	2°47	2°13	4°36	25°47	16°44	23°26	23°18	24°49	1°16	1°51	W22
T 23	6 16 43	4°38'12	17°54	27° 7	20°45	3°25	2°17	4°43	25°50	16°44	23°25	23°19	24°46	1°22	1°56	T 23
F 24	6 20 39	5°39'21	29°44	28°43	21°31	4° 2	2°21	4°50	25°53	16°44	23°24	23°20	24°43	1°29	2° 2	F 24
S 25	6 24 36	6°40'30	11♎34	0♑19	22°17	4°40	2°25	4°57	25°56	16°D44	23°23	23°R20	24°40	1°36	2° 8	S 25
S 26	6 28 33	7°41'39	23°29	1°55	23° 4	5°18	2°29	5° 4	25°59	16°44	23°22	23°19	24°37	1°42	2°13	S 26
M27	6 32 29	8°42'47	5♏33	3°33	23°52	5°55	2°32	5°11	26° 2	16°44	23°21	23°15	24°34	1°49	2°19	M27
T 28	6 36 26	9°43'55	17°52	5°10	24°41	6°33	2°36	5°18	26° 5	16°44	23°20	23°10	24°30	1°56	2°25	T 28
W29	6 40 22	10°45'02	0♐28	6°49	25°31	7°11	2°39	5°26	26° 8	16°45	23°19	23° 3	24°27	2° 2	2°30	W29
T 30	6 44 19	11°46'09	13°24	8°28	26°22	7°48	2°42	5°33	26°11	16°45	23°18	22°55	24°24	2° 9	2°36	T 30
F 31	6 48 15	12♑47'15	26♐40	10♑ 7	27♏13	8♏26	2♎45	5♑40	26♏14	16♈45	23♌17	22♒48	24♒21	2♎16	2♑42	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s25	23s21	5s 1	17s52	1n 3	12s24	2n38	6s39	1n 8	1n 9	1n19	23s15	0n20	18s53	0n11	4n56	1s54	26n11	13n15	13s11	12s58	2s 9	18s30	5n 7
T 2	22 33	26 11	4 56	18 20	0 55	12 19	2 46	6 54	1 7	1 6	1 19	23 15	0 20	18 54	0 11	4 56	1 54	26 11	13 16	13 16	12 59	2 12	18 30	5 7
F 3	22 40	27 41	4 37	18 48	0 48	12 15	2 54	7 8	1 7	1 4	1 19	23 15	0 20	18 55	0 11	4 55	1 54	26 12	13 16	13 20	13 0	2 15	18 30	5 7
S 4	22 47	27 38	4 2	19 15	0 40	12 13	3 2	7 23	1 7	1 1	1 19	23 15	0 20	18 56	0 11	4 55	1 54	26 12	13 16	13 24	13 1	2 19	18 30	5 7
S 5	22 54	25 58	3 13	19 41	0 33	12 12	3 9	7 37	1 7	0 58	1 19	23 15	0 20	18 56	0 11	4 55	1 54	26 13	13 17	13 27	13 2	2 22	18 30	5 7
M 6	23 0	22 46	2 13	20 7	0 25	12 11	3 15	7 52	1 6	0 56	1 20	23 15	0 20	18 57	0 11	4 55	1 54	26 13	13 17	13 29	13 3	2 25	18 30	5 6
T 7	23 5	18 16	1 4	20 32	0 18	12 12	3 22	8 6	1 6	0 53	1 20	23 15	0 20	18 58	0 11	4 55	1 54	26 14	13 18	13 30	13 4	2 29	18 30	5 6
W 8	23 10	12 45	0n 9	20 57	0 10	12 13	3 27	8 20	1 6	0 51	1 20	23 15	0 20	18 59	0 11	4 54	1 54	26 14	13 18	13 30	13 5	2 32	18 30	5 6
T 9	23 15	6 34	1 23	21 20	0 3	12 16	3 33	8 35	1 6	0 49	1 20	23 14	0 20	19 0	0 11	4 54	1 54	26 15	13 19	13 30	13 6	2 35	18 30	5 6
F 10	23 19	0 2	2 32	21 43	0s 4	12 19	3 38	8 49	1 5	0 46	1 21	23 14	0 20	19 1	0 11	4 54	1 53	26 16	13 19	13 30	13 7	2 39	18 30	5 6
S 11	23 23	6n33	3 32	22 4	0 11	12 23	3 42	9 3	1 5	0 44	1 21	23 14	0 20	19 2	0 11	4 54	1 53	26 16	13 20	13 30	13 8	2 42	18 30	5 6
S 12	23 26	12 49	4 19	22 25	0 18	12 28	3 47	9 17	1 5	0 42	1 21	23 14	0 20	19 2	0 11	4 54	1 53	26 17	13 20	13 31	13 10	2 45	18 30	5 6
M13	23 29	18 25	4 51	22 45	0 25	12 34	3 51	9 31	1 5	0 40	1 21	23 14	0 19	19 3	0 11	4 54	1 53	26 17	13 20	13 33	13 11	2 49	18 30	5 7
T 14	23 32	22 59	5 4	23 3	0 32	12 40	3 54	9 45	1 4	0 38	1 22	23 14	0 19	19 4	0 11	4 54	1 53	26 18	13 21	13 36	13 12	2 52	18 30	5 7
W15	23 34	26 11	4 59	23 21	0 38	12 47	3 57	9 59	1 4	0 36	1 22	23 14	0 19	19 5	0 11	4 54	1 53	26 19	13 21	13 39	13 13	2 55	18 29	5 7
T 16	23 35	27 43	4 36	23 37	0 45	12 54	4 0	10 12	1 4	0 34	1 22	23 14	0 19	19 6	0 11	4 54	1 53	26 19	13 22	13 42	13 14	2 59	18 29	5 7
F 17	23 36	27 32	3 57	23 53	0 51	13 2	4 3	10 26	1 3	0 32	1 22	23 14	0 19	19 6	0 10	4 53	1 53	26 20	13 22	13 45	13 15	3 2	18 29	5 7
S 18	23 36	25 45	3 7	24 7	0 57	13 11	4 5	10 40	1 3	0 30	1 23	23 13	0 19	19 7	0 10	4 53	1 53	26 21	13 22	13 48	13 16	3 5	18 29	5 7
S 19	23 36	22 36	2 7	24 20	1 3	13 20	4 7	10 53	1 3	0 28	1 23	23 13	0 19	19 8	0 10	4 53	1 53	26 21	13 23	13 50	13 17	3 9	18 29	5 7
M20	23 36	18 27	1 3	24 31	1 8	13 30	4 9	11 7	1 2	0 27	1 23	23 13	0 19	19 9	0 10	4 53	1 53	26 22	13 23	13 51	13 18	3 12	18 29	5 7
T 21	23 35	13 36	0s 3	24 42	1 14	13 40	4 10	11 20	1 2	0 25	1 23	23 13	0 19	19 9	0 10	4 53	1 53	26 23	13 24	13 51	13 19	3 15	18 29	5 7
W22	23 33	8 20	1 8	24 51	1 19	13 50	4 11	11 33	1 2	0 24	1 24	23 13	0 19	19 10	0 10	4 53	1 53	26 23	13 24	13 51	13 20	3 19	18 29	5 7
T 23	23 31	2 50	2 9	24 58	1 24	14 1	4 12	11 47	1 1	0 22	1 24	23 13	0 19	19 11	0 10	4 53	1 53	26 24	13 24	13 50	13 21	3 22	18 28	5 7
F 24	23 29	2s42	3 4	25 5	1 29	14 12	4 13	12 0	1 1	0 21	1 24	23 12	0 19	19 12	0 10	4 53	1 53	26 25	13 25	13 50	13 22	3 25	18 28	5 7
S 25	23 26	8 9	3 51	25 9	1 33	14 23	4 13	12 13	1 1	0 19	1 25	23 12	0 19	19 12	0 10	4 54	1 53	26 25	13 25	13 50	13 23	3 29	18 28	5 7
S 26	23 23	13 20	4 28	25 13	1 37	14 35	4 14	12 26	1 0	0 18	1 25	23 12	0 18	19 13	0 10	4 54	1 52	26 26	13 26	13 51	13 25	3 32	18 28	5 7
M27	23 19	18 5	4 55	25 15	1 41	14 47	4 14	12 39	1 0	0 17	1 25	23 12	0 18	19 14	0 10	4 54	1 52	26 27	13 26	13 52	13 26	3 35	18 28	5 7
T 28	23 15	22 11	5 8	25 15	1 45	14 59	4 13	12 52	0 59	0 16	1 25	23 12	0 18	19 14	0 10	4 54	1 52	26 27	13 26	13 53	13 27	3 39	18 28	5 8
W29	23 10	25 23	5 6	25 14	1 48	15 11	4 13	13 4	0 59	0 15	1 26	23 11	0 18	19 15	0 10	4 54	1 52	26 28	13 27	13 56	13 28	3 42	18 27	5 8
T 30	23 5	27 21	4 50	25 11	1 51	15 23	4 12	13 17	0 59	0 14	1 26	23 11	0 18	19 16	0 10	4 54	1 52	26 29	13 27	13 58	13 29	3 45	18 27	5 8
F 31	22s59	27s51	4s17	25s 7	1s54	15s36	4n11	13s30	0n58	0n13	1n26	23s11	0n18	19s16	0n10	4n54	1s52	26n29	13n27	14s 1	13s30	3s48	18s27	5n 8

Julian Day Number = 1985467.5, Delta T = 57m13s
Ecliptic obliquity = 23°36'22, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'54, Lahiri = 6°04'55 Julian Calendar 1 Dec. 723 == Greg. Calendar 5 Dec. 723

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ASTRODIENST EPHEMERIS for the year 724
geocentric

JANUARY 724 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 52 12	13♑48'21	10♑15	11♑47	28♏ 5	9♏ 3	2♎48	5♑47	26♏17	16♈45	23°R16	22°R42	24♒18	2♎22	2♑47	S 1
S 2	6 56 9	14°49'26	24° 6	13°28	28°58	9°41	2°50	5°54	26°19	16°45	23♌15	22♒37	24°15	2°29	2°53	S 2
M 3	7 0 5	15°50'29	8♒ 9	15° 9	29°52	10°18	2°52	6° 1	26°22	16°46	23°14	22°34	24°11	2°36	2°59	M 3
T 4	7 4 2	16°51'32	22°21	16°51	0♐46	10°56	2°54	6° 8	26°25	16°46	23°13	22°D33	24° 8	2°42	3° 4	T 4
W 5	7 7 58	17°52'33	6♓37	18°34	1°40	11°33	2°56	6°15	26°27	16°46	23°12	22°34	24° 5	2°49	3°10	W 5
T 6	7 11 55	18°53'34	20°53	20°17	2°36	12°11	2°58	6°22	26°30	16°47	23°10	22°35	24° 2	2°56	3°15	T 6
F 7	7 15 51	19°54'32	5♈ 7	22° 1	3°32	12°48	3° 0	6°29	26°33	16°47	23° 9	22°37	23°59	3° 3	3°21	F 7
S 8	7 19 48	20°55'30	19°17	23°45	4°28	13°26	3° 1	6°36	26°35	16°48	23° 8	22°R37	23°55	3° 9	3°26	S 8
S 9	7 23 44	21°56'26	3♉21	25°30	5°25	14° 3	3° 2	6°43	26°38	16°48	23° 7	22°37	23°52	3°16	3°32	S 9
M10	7 27 41	22°57'21	17°18	27°16	6°22	14°40	3° 3	6°50	26°40	16°49	23° 5	22°35	23°49	3°23	3°37	M10
T 11	7 31 38	23°58'14	1♊ 5	29° 2	7°20	15°18	3° 4	6°56	26°42	16°49	23° 4	22°32	23°46	3°29	3°43	T 11
W12	7 35 34	24°59'06	14°43	0♒49	8°19	15°55	3° 5	7° 3	26°45	16°50	23° 3	22°27	23°43	3°36	3°48	W12
T 13	7 39 31	25°59'56	28° 9	2°36	9°18	16°32	3° 5	7°10	26°47	16°51	23° 1	22°23	23°40	3°43	3°54	T 13
F 14	7 43 27	27° 0'46	11♋21	4°23	10°17	17° 9	3° 5	7°17	26°49	16°51	23° 0	22°19	23°36	3°49	3°59	F 14
S 15	7 47 24	28° 1'33	24°19	6°11	11°17	17°47	3°R 5	7°24	26°52	16°52	22°59	22°16	23°33	3°56	4° 5	S 15
S 16	7 51 20	29° 2'20	7♌ 2	7°59	12°17	18°24	3° 5	7°31	26°54	16°53	22°57	22°14	23°30	4° 3	4°10	S 16
M17	7 55 17	0♒ 3'05	19°30	9°47	13°18	19° 1	3° 5	7°37	26°56	16°54	22°56	22°D13	23°27	4° 9	4°15	M17
T 18	7 59 13	1° 3'48	1♍45	11°34	14°19	19°38	3° 4	7°44	26°58	16°54	22°54	22°13	23°24	4°16	4°20	T 18
W19	8 3 10	2° 4'31	13°49	13°22	15°20	20°15	3° 3	7°51	27° 0	16°55	22°53	22°14	23°21	4°23	4°26	W19
T 20	8 7 7	3° 5'12	25°44	15° 9	16°22	20°52	3° 3	7°57	27° 2	16°56	22°52	22°16	23°17	4°29	4°31	T 20
F 21	8 11 3	4° 5'52	7♎35	16°54	17°24	21°29	3° 1	8° 4	27° 4	16°57	22°50	22°17	23°14	4°36	4°36	F 21
S 22	8 15 0	5° 6'30	19°25	18°39	18°26	22° 6	3° 0	8°11	27° 6	16°58	22°49	22°19	23°11	4°43	4°41	S 22
S 23	8 18 56	6° 7'08	1♏19	20°22	19°29	22°43	2°59	8°17	27° 8	16°59	22°47	22°R19	23° 8	4°49	4°46	S 23
M24	8 22 53	7° 7'44	13°23	22° 3	20°32	23°20	2°57	8°24	27°10	17° 0	22°46	22°19	23° 5	4°56	4°51	M24
T 25	8 26 49	8° 8'19	25°40	23°42	21°35	23°57	2°55	8°30	27°12	17° 1	22°44	22°19	23° 1	5° 3	4°56	T 25
W26	8 30 46	9° 8'53	8♐15	25°18	22°39	24°34	2°53	8°37	27°13	17° 2	22°43	22°17	22°58	5° 9	5° 1	W26
T 27	8 34 42	10° 9'25	21°12	26°50	23°42	25°11	2°51	8°43	27°15	17° 3	22°41	22°16	22°55	5°16	5° 6	T 27
F 28	8 38 39	11° 9'56	4♑33	28°18	24°47	25°48	2°48	8°49	27°17	17° 4	22°40	22°14	22°52	5°23	5°11	F 28
S 29	8 42 36	12°10'25	18°17	29°42	25°51	26°25	2°46	8°56	27°18	17° 5	22°38	22°13	22°49	5°29	5°16	S 29
S 30	8 46 32	13°10'53	2♒24	1♓ 0	26°56	27° 1	2°43	9° 2	27°20	17° 7	22°37	22°12	22°46	5°36	5°21	S 30
M31	8 50 29	14♒11'19	16♒49	2♓12	28♐ 0	27♏38	2♎40	9♑ 8	27♏21	17♈ 8	22♌35	22°D11	22♒42	5♎43	5♑26	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s53	26s41	3s30	25s 1	1s57	15s48	4n10	13s42	0n58	0n12	1n26	23s11	0n18	19s17	0n10	4n54	1s52	26n30	13n28	14s 3	13s31	3s52	18s27	5n 8
S 2	22 47	23 53	2 29	24 53	1 59	16 1	4 9	13 55	0 57	0 11	1 27	23 10	0 18	19 18	0 10	4 54	1 52	26 31	13 28	14 4	13 32	3 55	18 26	5 8
M 3	22 40	19 36	1 18	24 44	2 0	16 13	4 8	14 7	0 57	0 11	1 27	23 10	0 18	19 18	0 10	4 55	1 52	26 32	13 28	14 5	13 33	3 58	18 26	5 8
T 4	22 32	14 11	0 1	24 33	2 2	16 26	4 6	14 19	0 56	0 10	1 27	23 10	0 18	19 19	0 10	4 55	1 52	26 32	13 29	14 6	13 34	4 2	18 26	5 8
W 5	22 24	7 58	1n16	24 20	2 3	16 39	4 5	14 31	0 56	0 10	1 28	23 10	0 18	19 20	0 10	4 55	1 52	26 33	13 29	14 5	13 35	4 5	18 26	5 9
T 6	22 16	1 22	2 29	24 6	2 3	16 51	4 3	14 43	0 56	0 9	1 28	23 9	0 18	19 20	0 10	4 55	1 52	26 34	13 29	14 5	13 36	4 8	18 25	5 9
F 7	22 7	5n17	3 32	23 49	2 3	17 4	4 1	14 55	0 55	0 9	1 28	23 9	0 18	19 21	0 10	4 55	1 52	26 34	13 30	14 4	13 37	4 12	18 25	5 9
S 8	21 58	11 38	4 22	23 31	2 3	17 16	3 59	15 7	0 55	0 9	1 28	23 9	0 18	19 21	0 10	4 56	1 52	26 35	13 30	14 4	13 38	4 15	18 25	5 9
S 9	21 48	17 20	4 56	23 11	2 2	17 29	3 56	15 18	0 54	0 8	1 29	23 9	0 18	19 22	0 10	4 56	1 52	26 36	13 30	14 4	13 39	4 18	18 24	5 9
M10	21 38	22 5	5 12	22 50	2 1	17 41	3 54	15 30	0 54	0 8	1 29	23 8	0 17	19 23	0 10	4 56	1 52	26 37	13 31	14 5	13 40	4 22	18 24	5 10
T 11	21 28	25 34	5 9	22 26	1 59	17 53	3 52	15 41	0 53	0 8	1 29	23 8	0 17	19 23	0 10	4 56	1 51	26 37	13 31	14 6	13 41	4 25	18 24	5 10
W12	21 17	27 31	4 50	22 1	1 57	18 5	3 49	15 53	0 53	0 8	1 29	23 8	0 17	19 24	0 10	4 57	1 51	26 38	13 31	14 7	13 43	4 28	18 23	5 10
T 13	21 6	27 50	4 14	21 34	1 54	18 16	3 46	16 4	0 52	0 8	1 30	23 7	0 17	19 24	0 10	4 57	1 51	26 39	13 31	14 9	13 44	4 31	18 23	5 10
F 14	20 54	26 32	3 26	21 5	1 50	18 28	3 43	16 15	0 51	0 8	1 30	23 7	0 17	19 25	0 10	4 57	1 51	26 39	13 32	14 10	13 45	4 35	18 22	5 10
S 15	20 42	23 49	2 27	20 34	1 46	18 39	3 40	16 26	0 51	0 9	1 30	23 7	0 17	19 25	0 10	4 58	1 51	26 40	13 32	14 11	13 46	4 38	18 22	5 11
S 16	20 30	19 58	1 23	20 2	1 41	18 50	3 37	16 37	0 50	0 9	1 31	23 6	0 17	19 26	0 10	4 58	1 51	26 41	13 32	14 12	13 47	4 41	18 22	5 11
M17	20 17	15 18	0 15	19 28	1 36	19 1	3 34	16 48	0 50	0 9	1 31	23 6	0 17	19 26	0 10	4 58	1 51	26 42	13 32	14 12	13 48	4 45	18 21	5 11
T 18	20 4	10 7	0s52	18 52	1 30	19 11	3 31	16 59	0 49	0 10	1 31	23 6	0 17	19 27	0 10	4 59	1 51	26 42	13 33	14 12	13 49	4 48	18 21	5 11
W19	19 50	4 37	1 56	18 15	1 23	19 22	3 27	17 9	0 49	0 10	1 31	23 5	0 17	19 27	0 10	4 59	1 51	26 43	13 33	14 12	13 50	4 51	18 21	5 12
T 20	19 36	0s58	2 55	17 37	1 16	19 32	3 24	17 20	0 48	0 11	1 32	23 5	0 17	19 28	0 10	5 0	1 51	26 44	13 33	14 11	13 51	4 54	18 20	5 12
F 21	19 22	6 28	3 45	16 57	1 8	19 41	3 20	17 30	0 47	0 12	1 32	23 5	0 17	19 28	0 10	5 0	1 51	26 44	13 33	14 11	13 52	4 58	18 20	5 12
S 22	19 7	11 45	4 26	16 16	0 59	19 50	3 16	17 40	0 47	0 12	1 32	23 4	0 17	19 29	0 10	5 0	1 51	26 45	13 34	14 10	13 53	5 1	18 19	5 12
S 23	18 52	16 37	4 55	15 34	0 49	19 59	3 13	17 50	0 46	0 13	1 32	23 4	0 17	19 29	0 10	5 1	1 51	26 46	13 34	14 10	13 54	5 4	18 19	5 13
M24	18 37	20 55	5 13	14 52	0 38	20 7	3 9	18 0	0 46	0 14	1 33	23 4	0 17	19 30	0 10	5 1	1 51	26 46	13 34	14 10	13 55	5 8	18 18	5 13
T 25	18 22	24 25	5 16	14 9	0 27	20 16	3 5	18 10	0 45	0 15	1 33	23 3	0 17	19 30	0 10	5 2	1 51	26 47	13 34	14 10	13 56	5 11	18 18	5 13
W26	18 6	26 50	5 4	13 25	0 15	20 23	3 1	18 20	0 44	0 16	1 33	23 3	0 16	19 30	0 10	5 2	1 51	26 48	13 34	14 11	13 57	5 14	18 17	5 13
T 27	17 49	27 55	4 37	12 42	0 3	20 30	2 57	18 29	0 44	0 17	1 34	23 3	0 16	19 31	0 10	5 3	1 51	26 49	13 34	14 11	13 58	5 17	18 17	5 14
F 28	17 33	27 26	3 54	11 59	0n10	20 37	2 53	18 39	0 43	0 19	1 34	23 2	0 16	19 31	0 10	5 3	1 50	26 49	13 35	14 12	13 59	5 21	18 16	5 14
S 29	17 16	25 16	2 57	11 17	0 24	20 44	2 49	18 48	0 42	0 20	1 34	23 2	0 16	19 32	0 10	5 4	1 50	26 50	13 35	14 12	14 0	5 24	18 16	5 14
S 30	16 59	21 30	1 48	10 36	0 39	20 49	2 45	18 57	0 41	0 21	1 34	23 2	0 16	19 32	0 10	5 4	1 50	26 51	13 35	14 13	14 1	5 27	18 15	5 15
M31	16s41	16s22	0s30	9s56	0n53	20s55	2n41	19s 7	0n41	0n23	1n35	23s 1	0n16	19s32	0n10	5n 5	1s50	26n51	13n35	14s13	14s 2	5s30	18s15	5n15

Julian Day Number = 1985498.5, Delta T = 57m12s
Ecliptic obliquity = 23°36'22, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°57'59, Lahiri = 6°04'59 Julian Calendar 1 Jan. 724 == Greg. Calendar 5 Jan. 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

FEBRUARY 724 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 54 25	15♒11'43	1♓28	3♓17	29♐ 5	28♏15	2°R37	9♑14	27♏23	17♈ 9	22°R34	22♒11	22♒39	5♎50	5♑30	T 1
W 2	8 58 22	16°12'06	16°12	4°15	0♑11	28°51	2♎34	9°21	27°24	17°10	22♌32	22°12	22°36	5°56	5°35	W 2
T 3	9 2 18	17°12'26	0♈56	5° 5	1°16	29°28	2°30	9°27	27°25	17°12	22°30	22°12	22°33	6° 3	5°40	T 3
F 4	9 6 15	18°12'45	15°33	5°46	2°22	0♐ 4	2°26	9°33	27°27	17°13	22°29	22°13	22°30	6°10	5°44	F 4
S 5	9 10 11	19°13'01	29°58	6°19	3°28	0°41	2°23	9°39	27°28	17°14	22°27	22°13	22°27	6°16	5°49	S 5
S 6	9 14 8	20°13'15	14♉ 8	6°43	4°34	1°17	2°19	9°45	27°29	17°16	22°26	22°13	22°23	6°23	5°54	S 6
M 7	9 18 5	21°13'27	28° 0	6°56	5°40	1°54	2°14	9°51	27°30	17°17	22°24	22°R13	22°20	6°30	5°58	M 7
T 8	9 22 1	22°13'37	11♊36	7°R 1	6°47	2°30	2°10	9°57	27°31	17°19	22°23	22°D13	22°17	6°36	6° 2	T 8
W 9	9 25 58	23°13'45	24°55	6°56	7°53	3° 6	2° 6	10° 2	27°32	17°20	22°21	22°13	22°14	6°43	6° 7	W 9
T 10	9 29 54	24°13'51	7♋58	6°41	9° 0	3°43	2° 1	10° 8	27°33	17°22	22°20	22°13	22°11	6°50	6°11	T 10
F 11	9 33 51	25°13'54	20°47	6°18	10° 7	4°19	1°56	10°14	27°34	17°23	22°18	22°14	22° 7	6°56	6°15	F 11
S 12	9 37 47	26°13'56	3♌23	5°47	11°14	4°55	1°51	10°20	27°35	17°25	22°16	22°14	22° 4	7° 3	6°20	S 12
S 13	9 41 44	27°13'55	15°47	5° 8	12°21	5°31	1°46	10°25	27°36	17°26	22°15	22°14	22° 1	7°10	6°24	S 13
M14	9 45 40	28°13'52	28° 1	4°23	13°29	6° 7	1°41	10°31	27°37	17°28	22°13	22°R14	21°58	7°16	6°28	M14
T 15	9 49 37	29°13'48	10♍ 6	3°33	14°36	6°43	1°35	10°36	27°37	17°29	22°12	22°14	21°55	7°23	6°32	T 15
W16	9 53 34	0♓13'41	22° 4	2°38	15°44	7°19	1°30	10°42	27°38	17°31	22°10	22°13	21°52	7°30	6°36	W16
T 17	9 57 30	1°13'32	3♎57	1°41	16°52	7°55	1°24	10°47	27°39	17°33	22° 9	22°12	21°48	7°36	6°40	T 17
F 18	10 1 27	2°13'22	15°48	0°42	18° 0	8°30	1°18	10°52	27°39	17°34	22° 7	22°11	21°45	7°43	6°44	F 18
S 19	10 5 23	3°13'10	27°38	29♒44	19° 8	9° 6	1°12	10°57	27°40	17°36	22° 6	22° 9	21°42	7°50	6°48	S 19
S 20	10 9 20	4°12'55	9♏33	28°46	20°16	9°42	1° 6	11° 3	27°40	17°38	22° 4	22° 8	21°39	7°57	6°51	S 20
M21	10 13 16	5°12'40	21°35	27°51	21°25	10°18	1° 0	11° 8	27°41	17°40	22° 3	22° 7	21°36	8° 3	6°55	M21
T 22	10 17 13	6°12'22	3♐50	27° 0	22°33	10°53	0°54	11°13	27°41	17°41	22° 1	22°D 6	21°33	8°10	6°59	T 22
W23	10 21 9	7°12'03	16°21	26°12	23°42	11°29	0°47	11°18	27°41	17°43	22° 0	22° 6	21°29	8°17	7° 2	W23
T 24	10 25 6	8°11'42	29°13	25°30	24°51	12° 4	0°41	11°23	27°41	17°45	21°58	22° 7	21°26	8°23	7° 6	T 24
F 25	10 29 3	9°11'19	12♑28	24°52	25°59	12°39	0°34	11°28	27°42	17°47	21°57	22° 8	21°23	8°30	7° 9	F 25
S 26	10 32 59	10°10'54	26°10	24°21	27° 8	13°15	0°27	11°32	27°42	17°49	21°55	22°10	21°20	8°37	7°13	S 26
S 27	10 36 56	11°10'27	10♒19	23°56	28°17	13°50	0°21	11°37	27°42	17°51	21°54	22°11	21°17	8°43	7°16	S 27
M28	10 40 52	12° 9'59	24°52	23°37	29°27	14°25	0°14	11°42	27°R42	17°52	21°52	22°R11	21°13	8°50	7°19	M28
T 29	10 44 49	13♓ 9'28	9♓45	23♒23	0♒36	15♐ 0	0♎ 7	11♑46	27♏42	17♈54	21♌51	22♒10	21♒10	8♎57	7♑23	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16s23	10s14	0n51	9s19	1n 8	21s 0	2n36	19s15	0n40	0n24	1n35	23s 1	0n16	19s33	0n10	5n 5	1s50	26n52	13n35	14s13	14s 4	5s34	18s14	5n15	T 1
W 2	16 5	3 30	2 9	8 43	1 24	21 4	2 32	19 24	0 39	0 26	1 35	23 0	0 16	19 33	0 10	5 6	1 50	26 53	13 35	14 13	14 5	5 37	18 14	5 16	W 2
T 3	15 47	3n25	3 19	8 11	1 39	21 8	2 28	19 33	0 38	0 27	1 35	23 0	0 16	19 33	0 10	5 6	1 50	26 53	13 35	14 12	14 6	5 40	18 13	5 16	T 3
F 4	15 29	10 4	4 15	7 41	1 55	21 12	2 24	19 42	0 38	0 29	1 36	23 0	0 16	19 33	0 10	5 7	1 50	26 54	13 36	14 12	14 7	5 43	18 13	5 16	F 4
S 5	15 10	16 7	4 54	7 15	2 10	21 14	2 19	19 50	0 37	0 31	1 36	22 59	0 16	19 34	0 10	5 7	1 50	26 54	13 36	14 12	14 8	5 47	18 12	5 17	S 5
S 6	14 51	21 11	5 14	6 53	2 24	21 17	2 15	19 58	0 36	0 32	1 36	22 59	0 16	19 34	0 10	5 8	1 50	26 55	13 36	14 12	14 9	5 50	18 12	5 17	S 6
M 7	14 31	24 59	5 16	6 34	2 38	21 19	2 10	20 7	0 35	0 34	1 36	22 59	0 16	19 34	0 10	5 9	1 50	26 56	13 36	14 12	14 10	5 53	18 11	5 17	M 7
T 8	14 12	27 17	5 0	6 21	2 52	21 20	2 6	20 15	0 34	0 36	1 36	22 58	0 16	19 35	0 10	5 9	1 50	26 56	13 36	14 12	14 11	5 56	18 11	5 18	T 8
W 9	13 52	27 58	4 27	6 11	3 4	21 21	2 1	20 22	0 34	0 38	1 37	22 58	0 16	19 35	0 10	5 10	1 50	26 57	13 36	14 12	14 12	6 0	18 10	5 18	W 9
T 10	13 32	27 3	3 42	6 6	3 15	21 21	1 57	20 30	0 33	0 40	1 37	22 57	0 16	19 35	0 10	5 10	1 50	26 58	13 36	14 12	14 13	6 3	18 10	5 18	T 10
F 11	13 12	24 43	2 46	6 6	3 24	21 21	1 53	20 38	0 32	0 42	1 37	22 57	0 16	19 35	0 10	5 11	1 50	26 58	13 36	14 12	14 14	6 6	18 9	5 19	F 11
S 12	12 52	21 12	1 43	6 10	3 32	21 20	1 48	20 45	0 31	0 45	1 37	22 57	0 15	19 35	0 10	5 12	1 50	26 59	13 36	14 12	14 15	6 9	18 9	5 19	S 12
S 13	12 31	16 47	0 36	6 18	3 39	21 19	1 44	20 53	0 30	0 47	1 38	22 56	0 15	19 36	0 10	5 12	1 50	26 59	13 36	14 12	14 16	6 13	18 8	5 19	S 13
M14	12 10	11 45	0s32	6 31	3 43	21 17	1 39	21 0	0 29	0 49	1 38	22 56	0 15	19 36	0 10	5 13	1 50	27 0	13 36	14 12	14 17	6 16	18 7	5 20	M14
T 15	11 49	6 20	1 38	6 47	3 45	21 14	1 35	21 7	0 28	0 52	1 38	22 56	0 15	19 36	0 10	5 14	1 50	27 0	13 36	14 12	14 18	6 19	18 7	5 20	T 15
W16	11 28	0 45	2 38	7 6	3 45	21 11	1 30	21 14	0 27	0 54	1 38	22 55	0 15	19 36	0 10	5 14	1 49	27 1	13 36	14 12	14 19	6 22	18 6	5 21	W16
T 17	11 7	4s48	3 31	7 28	3 44	21 7	1 26	21 21	0 26	0 56	1 38	22 55	0 15	19 36	0 10	5 15	1 49	27 1	13 36	14 12	14 20	6 26	18 6	5 21	T 17
F 18	10 45	10 10	4 15	7 53	3 40	21 3	1 21	21 28	0 25	0 59	1 38	22 54	0 15	19 36	0 10	5 16	1 49	27 2	13 36	14 13	14 21	6 29	18 5	5 21	F 18
S 19	10 24	15 11	4 48	8 19	3 34	20 58	1 17	21 34	0 24	1 1	1 39	22 54	0 15	19 36	0 10	5 16	1 49	27 3	13 36	14 13	14 22	6 32	18 4	5 22	S 19
S 20	10 2	19 39	5 9	8 46	3 26	20 52	1 12	21 41	0 23	1 4	1 39	22 54	0 15	19 37	0 10	5 17	1 49	27 3	13 36	14 14	14 23	6 35	18 4	5 22	S 20
M21	9 40	23 22	5 16	9 13	3 17	20 46	1 8	21 47	0 22	1 7	1 39	22 53	0 15	19 37	0 10	5 18	1 49	27 4	13 36	14 14	14 24	6 39	18 3	5 23	M21
T 22	9 18	26 8	5 10	9 41	3 7	20 40	1 3	21 53	0 21	1 9	1 39	22 53	0 15	19 37	0 10	5 18	1 49	27 4	13 36	14 14	14 25	6 42	18 3	5 23	T 22
W23	8 56	27 41	4 49	10 8	2 55	20 33	0 59	21 59	0 20	1 12	1 39	22 53	0 15	19 37	0 10	5 19	1 49	27 5	13 36	14 14	14 26	6 45	18 2	5 23	W23
T 24	8 33	27 49	4 13	10 34	2 42	20 25	0 55	22 5	0 19	1 15	1 39	22 52	0 15	19 37	0 10	5 20	1 49	27 5	13 36	14 14	14 27	6 48	18 1	5 24	T 24
F 25	8 11	26 22	3 22	11 0	2 28	20 17	0 50	22 11	0 18	1 18	1 40	22 52	0 15	19 37	0 10	5 21	1 49	27 5	13 36	14 14	14 28	6 51	18 1	5 24	F 25
S 26	7 48	23 20	2 19	11 23	2 14	20 8	0 46	22 16	0 17	1 20	1 40	22 51	0 15	19 37	0 10	5 21	1 49	27 6	13 36	14 13	14 29	6 55	18 0	5 25	S 26
S 27	7 25	18 49	1 5	11 45	2 0	19 58	0 42	22 22	0 16	1 23	1 40	22 51	0 15	19 37	0 10	5 22	1 49	27 6	13 36	14 13	14 30	6 58	18 0	5 25	S 27
M28	7 3	13 5	0n15	12 6	1 45	19 48	0 37	22 27	0 14	1 26	1 40	22 51	0 15	19 37	0 10	5 23	1 49	27 7	13 36	14 13	14 31	7 1	17 59	5 26	M28
T 29	6s40	6s30	1n35	12s24	1n30	19s37	0n33	22s32	0n13	1n29	1n40	22s50	0n14	19s37	0n10	5n24	1s49	27n 7	13n36	14s13	14s32	7s 4	17s58	5n26	T 29

Julian Day Number = 1985529.5, Delta T = 57m12s
Ecliptic obliquity = 23°36'22, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'03, Lahiri = 6°05'03 Julian Calendar 1 Feb. 724 == Greg. Calendar 5 Feb. 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

MARCH 724 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 48 45	14♓ 8'55	24♓50	23°R16	1♒45	15♐35	29°R59	11♑51	27°R42	17♈56	21°R49	22°R 8	21♒ 7	9♎ 3	7♑26	W 1
T 2	10 52 42	15° 8'20	9♈57	23°D15	2°54	16°10	29♍52	11°55	27♏42	17°58	21♌48	22♒ 6	21° 4	9°10	7°29	T 2
F 3	10 56 38	16° 7'43	24°59	23♒20	4° 4	16°45	29°45	11°59	27°41	18° 0	21°47	22° 2	21° 1	9°17	7°32	F 3
S 4	11 0 35	17° 7'03	9♉45	23°30	5°13	17°19	29°38	12° 4	27°41	18° 2	21°45	21°59	20°58	9°23	7°35	S 4
S 5	11 4 31	18° 6'21	24°10	23°45	6°23	17°54	29°30	12° 8	27°41	18° 4	21°44	21°56	20°54	9°30	7°38	S 5
M 6	11 8 28	19° 5'37	8♊11	24° 6	7°33	18°28	29°23	12°12	27°41	18° 6	21°42	21°55	20°51	9°37	7°40	M 6
T 7	11 12 25	20° 4'51	21°47	24°31	8°42	19° 3	29°15	12°16	27°40	18° 8	21°41	21°D54	20°48	9°44	7°43	T 7
W 8	11 16 21	21° 4'02	4♋59	25° 0	9°52	19°37	29° 8	12°20	27°40	18°10	21°40	21°55	20°45	9°50	7°46	W 8
T 9	11 20 18	22° 3'11	17°51	25°34	11° 2	20°11	29° 0	12°24	27°39	18°12	21°38	21°57	20°42	9°57	7°48	T 9
F 10	11 24 14	23° 2'17	0♌25	26°12	12°12	20°46	28°53	12°28	27°39	18°14	21°37	21°58	20°39	10° 4	7°51	F 10
S 11	11 28 11	24° 1'21	12°45	26°54	13°22	21°20	28°45	12°31	27°38	18°17	21°36	22° 0	20°35	10°10	7°53	S 11
S 12	11 32 7	25° 0'22	24°55	27°40	14°32	21°54	28°37	12°35	27°37	18°19	21°35	22°R 0	20°32	10°17	7°56	S 12
M13	11 36 4	25°59'22	6♍56	28°29	15°42	22°27	28°30	12°39	27°37	18°21	21°33	21°59	20°29	10°24	7°58	M13
T 14	11 40 0	26°58'19	18°52	29°21	16°53	23° 1	28°22	12°42	27°36	18°23	21°32	21°56	20°26	10°30	8° 0	T 14
W15	11 43 57	27°57'14	0♎45	0♓16	18° 3	23°35	28°14	12°45	27°35	18°25	21°31	21°51	20°23	10°37	8° 3	W15
T 16	11 47 54	28°56'07	12°36	1°15	19°13	24° 8	28° 7	12°49	27°34	18°27	21°30	21°45	20°19	10°44	8° 5	T 16
F 17	11 51 50	29°54'58	24°27	2°16	20°24	24°42	27°59	12°52	27°33	18°29	21°29	21°38	20°16	10°50	8° 7	F 17
S 18	11 55 47	0♈53'47	6♏20	3°19	21°34	25°15	27°51	12°55	27°32	18°31	21°27	21°31	20°13	10°57	8° 9	S 18
S 19	11 59 43	1°52'34	18°18	4°26	22°45	25°48	27°43	12°58	27°31	18°34	21°26	21°24	20°10	11° 4	8°10	S 19
M20	12 3 40	2°51'19	0♐23	5°34	23°55	26°21	27°36	13° 1	27°30	18°36	21°25	21°18	20° 7	11°11	8°12	M20
T 21	12 7 36	3°50'03	12°38	6°45	25° 6	26°54	27°28	13° 4	27°29	18°38	21°24	21°14	20° 4	11°17	8°14	T 21
W22	12 11 33	4°48'45	25° 7	7°59	26°17	27°27	27°21	13° 7	27°28	18°40	21°23	21°12	20° 0	11°24	8°16	W22
T 23	12 15 29	5°47'25	7♑53	9°14	27°27	27°59	27°13	13° 9	27°27	18°42	21°22	21°D11	19°57	11°31	8°17	T 23
F 24	12 19 26	6°46'03	21° 2	10°32	28°38	28°32	27° 5	13°12	27°26	18°45	21°21	21°12	19°54	11°37	8°19	F 24
S 25	12 23 23	7°44'40	4♒35	11°52	29°49	29° 4	26°58	13°14	27°25	18°47	21°20	21°13	19°51	11°44	8°20	S 25
S 26	12 27 19	8°43'14	18°35	13°13	1♓ 0	29°36	26°50	13°17	27°23	18°49	21°19	21°R14	19°48	11°51	8°21	S 26
M27	12 31 16	9°41'47	3♓ 2	14°37	2°11	0♑ 8	26°43	13°19	27°22	18°51	21°18	21°14	19°44	11°57	8°23	M27
T 28	12 35 12	10°40'19	17°53	16° 3	3°22	0°40	26°36	13°21	27°20	18°54	21°17	21°11	19°41	12° 4	8°24	T 28
W29	12 39 9	11°38'48	3♈ 2	17°30	4°33	1°12	26°28	13°23	27°19	18°56	21°16	21° 6	19°38	12°11	8°25	W29
T 30	12 43 5	12°37'16	18°19	18°59	5°44	1°44	26°21	13°26	27°18	18°58	21°16	21° 0	19°35	12°17	8°26	T 30
F 31	12 47 2	13♈35'41	3♉34	20♓30	6♓55	2♑15	26♍14	13♑27	27♏16	19♈ 0	21♌15	20♒52	19♒32	12♎24	8♑27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s17	0n32	2n50	12s40	1n15	19s26	0n29	22s37	0n12	1n32	1n40	22s50	0n14	19s37	0n10	5n24	1s49	27n 8	13n36	14s14	14s34	7s 7	17s58	5n27
T 2	5 54	7 33	3 53	12 55	1 0	19 15	0 25	22 42	0 11	1 35	1 40	22 50	0 14	19 37	0 10	5 25	1 49	27 8	13 36	14 15	14 35	7 11	17 57	5 27
F 3	5 31	14 4	4 40	13 7	0 46	19 2	0 21	22 47	0 10	1 38	1 40	22 49	0 14	19 37	0 10	5 26	1 49	27 8	13 35	14 16	14 36	7 14	17 57	5 27
S 4	5 7	19 41	5 7	13 17	0 32	18 50	0 17	22 51	0 8	1 41	1 40	22 49	0 14	19 37	0 10	5 27	1 49	27 9	13 35	14 17	14 37	7 17	17 56	5 28
S 5	4 44	24 0	5 14	13 25	0 18	18 36	0 13	22 56	0 7	1 44	1 41	22 49	0 14	19 37	0 10	5 28	1 49	27 9	13 35	14 18	14 38	7 20	17 55	5 28
M 6	4 21	26 47	5 2	13 30	0 5	18 22	0 9	23 0	0 6	1 47	1 41	22 48	0 14	19 37	0 10	5 28	1 49	27 9	13 35	14 18	14 39	7 23	17 55	5 29
T 7	3 57	27 53	4 33	13 34	0s 8	18 8	0 5	23 5	0 4	1 50	1 41	22 48	0 14	19 37	0 10	5 29	1 49	27 10	13 35	14 18	14 40	7 27	17 54	5 29
W 8	3 34	27 20	3 50	13 36	0 21	17 53	0 1	23 9	0 3	1 53	1 41	22 48	0 14	19 36	0 10	5 30	1 49	27 10	13 35	14 18	14 41	7 30	17 53	5 30
T 9	3 10	25 19	2 56	13 36	0 32	17 38	0s 3	23 13	0 2	1 56	1 41	22 48	0 14	19 36	0 10	5 31	1 49	27 10	13 35	14 17	14 42	7 33	17 53	5 30
F 10	2 47	22 5	1 55	13 33	0 44	17 22	0 7	23 17	0 0	1 59	1 41	22 47	0 14	19 36	0 10	5 32	1 49	27 11	13 35	14 17	14 43	7 36	17 52	5 31
S 11	2 23	17 54	0 50	13 29	0 55	17 6	0 11	23 20	0s 1	2 2	1 41	22 47	0 14	19 36	0 10	5 32	1 49	27 11	13 34	14 17	14 44	7 39	17 52	5 31
S 12	2 0	13 4	0s16	13 23	1 5	16 49	0 14	23 24	0 3	2 6	1 41	22 47	0 14	19 36	0 10	5 33	1 49	27 11	13 34	14 16	14 45	7 43	17 51	5 32
M13	1 36	7 47	1 21	13 15	1 15	16 31	0 18	23 27	0 4	2 9	1 41	22 46	0 14	19 36	0 10	5 34	1 49	27 12	13 34	14 17	14 46	7 46	17 50	5 32
T 14	1 13	2 16	2 21	13 5	1 24	16 14	0 21	23 31	0 5	2 12	1 41	22 46	0 14	19 36	0 10	5 35	1 49	27 12	13 34	14 18	14 47	7 49	17 50	5 33
W15	0 49	3s17	3 15	12 54	1 33	15 55	0 25	23 34	0 7	2 15	1 41	22 46	0 14	19 35	0 10	5 36	1 49	27 12	13 34	14 19	14 48	7 52	17 49	5 33
T 16	0 26	8 42	4 1	12 40	1 41	15 37	0 28	23 37	0 9	2 18	1 41	22 46	0 14	19 35	0 10	5 37	1 49	27 12	13 34	14 21	14 49	7 55	17 48	5 34
F 17	0 2	13 48	4 36	12 25	1 48	15 17	0 32	23 40	0 10	2 21	1 41	22 45	0 14	19 35	0 10	5 37	1 49	27 13	13 33	14 23	14 50	7 58	17 48	5 34
S 18	0n22	18 25	4 59	12 9	1 55	14 58	0 35	23 43	0 12	2 24	1 41	22 45	0 13	19 35	0 10	5 38	1 49	27 13	13 33	14 26	14 51	8 2	17 47	5 35
S 19	0 45	22 20	5 9	11 50	2 1	14 38	0 38	23 46	0 13	2 27	1 41	22 45	0 13	19 35	0 10	5 39	1 48	27 13	13 33	14 28	14 52	8 5	17 47	5 35
M20	1 9	25 21	5 6	11 30	2 7	14 17	0 41	23 48	0 15	2 30	1 41	22 45	0 13	19 34	0 10	5 40	1 48	27 13	13 33	14 30	14 53	8 8	17 46	5 36
T 21	1 32	27 14	4 48	11 9	2 13	13 57	0 44	23 51	0 17	2 33	1 41	22 44	0 13	19 34	0 10	5 41	1 48	27 13	13 33	14 31	14 54	8 11	17 45	5 36
W22	1 56	27 48	4 17	10 45	2 17	13 35	0 47	23 53	0 18	2 36	1 41	22 44	0 13	19 34	0 10	5 42	1 48	27 14	13 32	14 32	14 55	8 14	17 45	5 37
T 23	2 19	26 54	3 33	10 21	2 22	13 14	0 50	23 55	0 20	2 39	1 41	22 44	0 13	19 34	0 10	5 43	1 48	27 14	13 32	14 32	14 56	8 17	17 44	5 37
F 24	2 42	24 31	2 36	9 54	2 25	12 52	0 53	23 58	0 22	2 42	1 41	22 44	0 13	19 33	0 10	5 43	1 48	27 14	13 32	14 32	14 57	8 21	17 44	5 38
S 25	3 6	20 41	1 29	9 27	2 28	12 29	0 56	24 0	0 24	2 45	1 41	22 44	0 13	19 33	0 10	5 44	1 48	27 14	13 32	14 32	14 58	8 24	17 43	5 38
S 26	3 29	15 35	0 14	8 57	2 31	12 7	0 59	24 2	0 25	2 48	1 41	22 43	0 13	19 33	0 10	5 45	1 48	27 14	13 31	14 31	14 59	8 27	17 42	5 39
M27	3 52	9 29	1n 3	8 27	2 33	11 44	1 2	24 4	0 27	2 51	1 41	22 43	0 13	19 32	0 10	5 46	1 48	27 14	13 31	14 31	15 0	8 30	17 42	5 39
T 28	4 15	2 42	2 19	7 55	2 34	11 20	1 4	24 5	0 29	2 54	1 40	22 43	0 13	19 32	0 10	5 47	1 48	27 14	13 31	14 32	15 1	8 33	17 41	5 40
W29	4 38	4n21	3 25	7 21	2 35	10 56	1 7	24 7	0 31	2 57	1 40	22 43	0 13	19 32	0 10	5 48	1 48	27 14	13 31	14 34	15 2	8 36	17 41	5 40
T 30	5 1	11 12	4 18	6 46	2 36	10 32	1 9	24 9	0 33	2 59	1 40	22 43	0 13	19 31	0 10	5 49	1 48	27 14	13 30	14 36	15 3	8 39	17 40	5 41
F 31	5n24	17n22	4n52	6s10	2s35	10s 8	1s11	24s10	0s35	3n 2	1n40	22s43	0n13	19s31	0n10	5n49	1s48	27n14	13n30	14s38	15s 4	8s42	17s39	5n41

Julian Day Number = 1985558.5, Delta T = 57m11s
Ecliptic obliquity = 23°36'23, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'07, Lahiri = 6°05'07 Julian Calendar 1 March 724 == Greg. Calendar 5 March 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

APRIL 724 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 50 58	14♈34'05	18♉36	22♓ 3	8♓ 6	2♑46	26°R 7	13♑29	27°R14	19♈ 3	21°R14	20°R44	19♒29	12♎31	8♑28	S 1
S 2	12 54 55	15°32'27	3♊15	23°38	9°17	3°17	26♍ 0	13°31	27♏13	19° 5	21♌13	20♒37	19°25	12°38	8°28	S 2
M 3	12 58 52	16°30'46	17°28	25°14	10°29	3°48	25°53	13°33	27°11	19° 7	21°12	20°31	19°22	12°44	8°29	M 3
T 4	13 2 48	17°29'04	1♋12	26°53	11°40	4°19	25°47	13°34	27°10	19° 9	21°12	20°28	19°19	12°51	8°30	T 4
W 5	13 6 45	18°27'19	14°27	28°33	12°51	4°49	25°40	13°36	27° 8	19°12	21°11	20°D27	19°16	12°58	8°30	W 5
T 6	13 10 41	19°25'32	27°17	0♈14	14° 2	5°20	25°33	13°37	27° 6	19°14	21°10	20°27	19°13	13° 4	8°31	T 6
F 7	13 14 38	20°23'43	9♌46	1°58	15°14	5°50	25°27	13°38	27° 4	19°16	21°10	20°28	19°10	13°11	8°31	F 7
S 8	13 18 34	21°21'52	22° 0	3°43	16°25	6°20	25°21	13°40	27° 3	19°18	21° 9	20°R28	19° 6	13°18	8°32	S 8
S 9	13 22 31	22°19'59	4♍ 1	5°31	17°37	6°49	25°14	13°41	27° 1	19°21	21° 8	20°27	19° 3	13°24	8°32	S 9
M10	13 26 27	23°18'04	15°56	7°20	18°48	7°19	25° 8	13°42	26°59	19°23	21° 8	20°24	19° 0	13°31	8°32	M10
T 11	13 30 24	24°16'07	27°46	9°10	19°59	7°48	25° 2	13°43	26°57	19°25	21° 7	20°18	18°57	13°38	8°R32	T 11
W12	13 34 21	25°14'08	9♎36	11° 3	21°11	8°17	24°56	13°43	26°55	19°27	21° 7	20°10	18°54	13°44	8°32	W12
T 13	13 38 17	26°12'07	21°28	12°57	22°22	8°46	24°51	13°44	26°53	19°30	21° 6	19°59	18°50	13°51	8°32	T 13
F 14	13 42 14	27°10'05	3♏22	14°53	23°34	9°14	24°45	13°45	26°51	19°32	21° 6	19°47	18°47	13°58	8°32	F 14
S 15	13 46 10	28° 8'01	15°21	16°51	24°45	9°43	24°40	13°45	26°49	19°34	21° 5	19°35	18°44	14° 5	8°31	S 15
S 16	13 50 7	29° 5'56	27°26	18°51	25°57	10°11	24°34	13°46	26°47	19°36	21° 5	19°23	18°41	14°11	8°31	S 16
M17	13 54 3	0♉ 3'49	9♐38	20°52	27° 9	10°39	24°29	13°46	26°45	19°39	21° 5	19°12	18°38	14°18	8°31	M17
T 18	13 58 0	1° 1'41	21°59	22°55	28°20	11° 6	24°24	13°46	26°43	19°41	21° 4	19° 4	18°35	14°25	8°30	T 18
W19	14 1 56	1°59'31	4♑33	25° 0	29°32	11°34	24°19	13°46	26°40	19°43	21° 4	18°59	18°31	14°31	8°30	W19
T 20	14 5 53	2°57'20	17°20	27° 6	0♈44	12° 1	24°14	13°R46	26°38	19°45	21° 4	18°56	18°28	14°38	8°29	T 20
F 21	14 9 50	3°55'08	0♒26	29°13	1°56	12°27	24°10	13°46	26°36	19°47	21° 3	18°D55	18°25	14°45	8°28	F 21
S 22	14 13 46	4°52'55	13°52	1♉22	3° 7	12°54	24° 5	13°46	26°34	19°50	21° 3	18°R55	18°22	14°51	8°28	S 22
S 23	14 17 43	5°50'40	27°43	3°31	4°19	13°20	24° 1	13°46	26°32	19°52	21° 3	18°55	18°19	14°58	8°27	S 23
M24	14 21 39	6°48'25	11♓57	5°41	5°31	13°46	23°57	13°45	26°29	19°54	21° 3	18°53	18°16	15° 5	8°26	M24
T 25	14 25 36	7°46'08	26°36	7°52	6°43	14°11	23°53	13°45	26°27	19°56	21° 3	18°50	18°12	15°12	8°25	T 25
W26	14 29 32	8°43'49	11♈33	10° 4	7°55	14°37	23°49	13°44	26°25	19°58	21° 3	18°43	18° 9	15°18	8°24	W26
T 27	14 33 29	9°41'30	26°42	12°15	9° 7	15° 2	23°46	13°44	26°22	20° 1	21° 3	18°34	18° 6	15°25	8°23	T 27
F 28	14 37 25	10°39'10	11♉54	14°26	10°19	15°26	23°42	13°43	26°20	20° 3	21° 3	18°23	18° 3	15°32	8°21	F 28
S 29	14 41 22	11°36'48	26°57	16°37	11°31	15°50	23°39	13°42	26°18	20° 5	21°D 3	18°13	18° 0	15°38	8°20	S 29
S 30	14 45 18	12♉34'25	11♊41	18♉47	12♈42	16♑14	23♍36	13♑41	26♏15	20♈ 7	21♌ 3	18♒ 2	17♒56	15♎45	8♑19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n47	22n22	5n 6	5s32	2s35	9s44	1s14	24s11	0s37	3n 5	1n40	22s42	0n13	19s31	0n10	5n50	1s48	27n14	13n30	14s41	15s 5	8s46	17s39	5n42
S 2	6 10	25 50	4 59	4 53	2 33	9 19	1 16	24 13	0 39	3 8	1 40	22 42	0 13	19 30	0 10	5 51	1 48	27 14	13 30	14 43	15 6	8 49	17 38	5 42
M 3	6 32	27 33	4 33	4 13	2 32	8 54	1 18	24 14	0 41	3 10	1 40	22 42	0 13	19 30	0 10	5 52	1 48	27 14	13 29	14 45	15 7	8 52	17 38	5 43
T 4	6 55	27 29	3 53	3 32	2 29	8 28	1 20	24 15	0 43	3 13	1 40	22 42	0 12	19 30	0 10	5 53	1 48	27 14	13 29	14 46	15 8	8 55	17 37	5 43
W 5	7 17	25 48	3 1	2 49	2 26	8 2	1 22	24 16	0 45	3 15	1 40	22 42	0 12	19 29	0 10	5 54	1 48	27 14	13 29	14 46	15 9	8 58	17 37	5 44
T 6	7 39	22 49	2 1	2 5	2 23	7 37	1 24	24 17	0 47	3 18	1 39	22 42	0 12	19 29	0 10	5 55	1 48	27 14	13 29	14 46	15 10	9 1	17 36	5 44
F 7	8 1	18 50	0 57	1 20	2 19	7 11	1 26	24 18	0 49	3 20	1 39	22 42	0 12	19 28	0 10	5 55	1 48	27 14	13 28	14 46	15 11	9 4	17 36	5 45
S 8	8 23	14 9	0s 8	0 34	2 15	6 44	1 27	24 19	0 52	3 23	1 39	22 42	0 12	19 28	0 10	5 56	1 48	27 14	13 28	14 46	15 12	9 7	17 35	5 45
S 9	8 45	8 59	1 12	0n13	2 10	6 18	1 29	24 20	0 54	3 25	1 39	22 42	0 12	19 28	0 10	5 57	1 48	27 14	13 28	14 46	15 13	9 11	17 34	5 46
M10	9 7	3 34	2 12	1 2	2 4	5 51	1 31	24 20	0 56	3 27	1 39	22 42	0 12	19 27	0 10	5 58	1 48	27 14	13 27	14 47	15 14	9 14	17 34	5 47
T 11	9 28	1s56	3 5	1 51	1 58	5 24	1 32	24 21	0 59	3 30	1 39	22 42	0 12	19 27	0 10	5 59	1 48	27 14	13 27	14 49	15 15	9 17	17 33	5 47
W12	9 50	7 21	3 50	2 41	1 52	4 57	1 33	24 22	1 1	3 32	1 38	22 42	0 12	19 26	0 10	6 0	1 48	27 14	13 27	14 52	15 16	9 20	17 33	5 48
T 13	10 11	12 31	4 26	3 33	1 45	4 30	1 35	24 22	1 3	3 34	1 38	22 42	0 12	19 26	0 10	6 1	1 48	27 14	13 26	14 55	15 17	9 23	17 32	5 48
F 14	10 32	17 15	4 50	4 25	1 37	4 2	1 36	24 23	1 6	3 36	1 38	22 42	0 12	19 25	0 10	6 1	1 48	27 14	13 26	14 59	15 18	9 26	17 32	5 49
S 15	10 53	21 20	5 1	5 18	1 29	3 35	1 37	24 23	1 8	3 38	1 38	22 42	0 12	19 25	0 10	6 2	1 48	27 13	13 26	15 3	15 19	9 29	17 31	5 49
S 16	11 14	24 34	4 59	6 11	1 21	3 7	1 38	24 23	1 11	3 40	1 38	22 42	0 12	19 24	0 10	6 3	1 48	27 13	13 26	15 7	15 20	9 32	17 31	5 50
M17	11 34	26 43	4 43	7 6	1 12	2 39	1 39	24 24	1 13	3 42	1 38	22 42	0 12	19 24	0 10	6 4	1 48	27 13	13 25	15 10	15 21	9 35	17 30	5 50
T 18	11 55	27 35	4 14	8 0	1 3	2 12	1 40	24 24	1 16	3 44	1 37	22 42	0 12	19 23	0 10	6 5	1 48	27 13	13 25	15 13	15 22	9 38	17 30	5 51
W19	12 15	27 4	3 32	8 55	0 53	1 44	1 41	24 24	1 19	3 45	1 37	22 42	0 12	19 23	0 10	6 6	1 48	27 13	13 25	15 14	15 23	9 42	17 29	5 51
T 20	12 35	25 6	2 39	9 50	0 43	1 16	1 42	24 25	1 21	3 47	1 37	22 42	0 11	19 22	0 10	6 6	1 48	27 13	13 24	15 15	15 24	9 45	17 29	5 52
F 21	12 55	21 46	1 36	10 45	0 33	0 47	1 42	24 25	1 24	3 49	1 37	22 42	0 11	19 22	0 10	6 7	1 48	27 12	13 24	15 15	15 25	9 48	17 29	5 52
S 22	13 14	17 12	0 27	11 40	0 23	0 19	1 43	24 25	1 27	3 50	1 37	22 42	0 11	19 21	0 10	6 8	1 48	27 12	13 24	15 15	15 26	9 51	17 28	5 53
S 23	13 34	11 38	0n46	12 35	0 13	0n 9	1 43	24 25	1 30	3 52	1 36	22 42	0 11	19 21	0 10	6 9	1 48	27 12	13 23	15 15	15 27	9 54	17 28	5 53
M24	13 53	5 18	1 59	13 29	0 2	0 37	1 44	24 25	1 32	3 53	1 36	22 42	0 11	19 20	0 10	6 10	1 49	27 12	13 23	15 16	15 28	9 57	17 27	5 54
T 25	14 12	1n28	3 5	14 22	0n 9	1 5	1 44	24 25	1 35	3 55	1 36	22 42	0 11	19 20	0 10	6 10	1 49	27 11	13 23	15 17	15 29	10 0	17 27	5 54
W26	14 31	8 17	4 0	15 14	0 19	1 34	1 44	24 26	1 38	3 56	1 36	22 42	0 11	19 19	0 10	6 11	1 49	27 11	13 22	15 19	15 30	10 3	17 26	5 55
T 27	14 49	14 42	4 39	16 5	0 30	2 2	1 45	24 26	1 41	3 57	1 35	22 43	0 11	19 19	0 10	6 12	1 49	27 11	13 22	15 22	15 31	10 6	17 26	5 55
F 28	15 7	20 14	4 59	16 55	0 40	2 30	1 45	24 26	1 44	3 58	1 35	22 43	0 11	19 18	0 10	6 13	1 49	27 10	13 22	15 25	15 32	10 9	17 26	5 56
S 29	15 25	24 25	4 57	17 43	0 50	2 59	1 45	24 26	1 47	3 59	1 35	22 43	0 11	19 18	0 10	6 14	1 49	27 10	13 21	15 29	15 33	10 12	17 25	5 56
S 30	15n43	26n54	4n36	18n29	0n59	3n27	1s45	24s26	1s51	4n 0	1n35	22s43	0n11	19s17	0n10	6n14	1s49	27n10	13n21	15s32	15s34	10s15	17s25	5n56

Julian Day Number = 1985589.5, Delta T = 57m10s
Ecliptic obliquity = 23°36'22, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'11, Lahiri = 6°05'12 Julian Calendar 1 Apr. 724 == Greg. Calendar 5 Apr. 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

MAY 724 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 49 15	13♉32'00	26♊ 0	20♉55	13♈54	16♑38	23°R33	13°R40	26°R13	20♈ 9	21♌ 3	17°R54	17♒53	15♎52	8°R17	M 1
T 2	14 53 12	14°29'34	9♋49	23° 3	15° 6	17° 1	23♍30	13♑39	26♏11	20°11	21° 3	17♒49	17°50	15°59	8♑16	T 2
W 3	14 57 8	15°27'07	23°10	25° 9	16°19	17°23	23°28	13°38	26° 8	20°13	21° 3	17°46	17°47	16° 5	8°14	W 3
T 4	15 1 5	16°24'38	6♌ 4	27°13	17°31	17°46	23°25	13°36	26° 6	20°15	21° 3	17°44	17°44	16°12	8°13	T 4
F 5	15 5 1	17°22'08	18°34	29°16	18°43	18° 7	23°23	13°35	26° 3	20°17	21° 3	17°44	17°41	16°19	8°11	F 5
S 6	15 8 58	18°19'36	0♍47	1♊16	19°55	18°29	23°21	13°33	26° 1	20°20	21° 3	17°44	17°37	16°25	8° 9	S 6
S 7	15 12 54	19°17'03	12°48	3°14	21° 7	18°50	23°19	13°32	25°58	20°22	21° 4	17°43	17°34	16°32	8° 7	S 7
M 8	15 16 51	20°14'28	24°40	5°10	22°19	19°11	23°17	13°30	25°56	20°24	21° 4	17°39	17°31	16°39	8° 5	M 8
T 9	15 20 48	21°11'52	6♎30	7° 3	23°31	19°31	23°16	13°28	25°54	20°26	21° 4	17°33	17°28	16°45	8° 3	T 9
W10	15 24 44	22° 9'15	18°21	8°54	24°43	19°51	23°14	13°27	25°51	20°28	21° 4	17°24	17°25	16°52	8° 1	W10
T 11	15 28 41	23° 6'37	0♏15	10°42	25°55	20°10	23°13	13°25	25°49	20°30	21° 5	17°13	17°21	16°59	7°59	T 11
F 12	15 32 37	24° 3'58	12°15	12°28	27° 8	20°29	23°12	13°23	25°46	20°31	21° 5	17° 0	17°18	17° 6	7°57	F 12
S 13	15 36 34	25° 1'18	24°22	14°10	28°20	20°47	23°11	13°20	25°44	20°33	21° 6	16°46	17°15	17°12	7°55	S 13
S 14	15 40 30	25°58'37	6♐38	15°51	29°32	21° 5	23°11	13°18	25°41	20°35	21° 6	16°34	17°12	17°19	7°53	S 14
M15	15 44 27	26°55'56	19° 3	17°28	0♉44	21°22	23°10	13°16	25°39	20°37	21° 7	16°22	17° 9	17°26	7°50	M15
T 16	15 48 23	27°53'14	1♑37	19° 3	1°57	21°39	23°10	13°14	25°36	20°39	21° 7	16°13	17° 6	17°32	7°48	T 16
W17	15 52 20	28°50'31	14°23	20°35	3° 9	21°55	23°D10	13°11	25°34	20°41	21° 8	16° 7	17° 2	17°39	7°45	W17
T 18	15 56 17	29°47'47	27°21	22° 4	4°21	22°11	23°10	13° 9	25°31	20°43	21° 8	16° 4	16°59	17°46	7°43	T 18
F 19	16 0 13	0♊45'03	10♒32	23°30	5°34	22°26	23°10	13° 6	25°29	20°45	21° 9	16°D 3	16°56	17°52	7°40	F 19
S 20	16 4 10	1°42'18	24° 0	24°53	6°46	22°41	23°11	13° 3	25°26	20°47	21° 9	16° 3	16°53	17°59	7°38	S 20
S 21	16 8 6	2°39'33	7♓46	26°14	7°59	22°55	23°11	13° 1	25°24	20°48	21°10	16°R 3	16°50	18° 6	7°35	S 21
M22	16 12 3	3°36'48	21°51	27°31	9°11	23° 9	23°12	12°58	25°22	20°50	21°11	16° 2	16°47	18°13	7°32	M22
T 23	16 15 59	4°34'02	6♈14	28°46	10°24	23°21	23°13	12°55	25°19	20°52	21°11	15°58	16°43	18°19	7°30	T 23
W24	16 19 56	5°31'17	20°53	29°58	11°36	23°34	23°14	12°52	25°17	20°54	21°12	15°53	16°40	18°26	7°27	W24
T 25	16 23 52	6°28'30	5♉43	1♋ 6	12°49	23°45	23°16	12°49	25°14	20°55	21°13	15°45	16°37	18°33	7°24	T 25
F 26	16 27 49	7°25'44	20°36	2°12	14° 1	23°56	23°17	12°46	25°12	20°57	21°14	15°35	16°34	18°39	7°21	F 26
S 27	16 31 46	8°22'57	5♊24	3°14	15°14	24° 6	23°19	12°42	25°10	20°59	21°15	15°25	16°31	18°46	7°18	S 27
S 28	16 35 42	9°20'10	19°58	4°13	16°26	24°16	23°21	12°39	25° 7	21° 0	21°15	15°16	16°27	18°53	7°15	S 28
M29	16 39 39	10°17'22	4♋11	5° 8	17°39	24°25	23°23	12°36	25° 5	21° 2	21°16	15° 9	16°24	19° 0	7°12	M29
T 30	16 43 35	11°14'34	17°59	6° 0	18°52	24°33	23°25	12°32	25° 2	21° 4	21°17	15° 3	16°21	19° 6	7° 9	T 30
W31	16 47 32	12♊11'46	1♌21	6♋48	20♉ 4	24♑41	23♍28	12♑29	25♏ 0	21♈ 5	21♌18	15♒ 0	16♒18	19♎13	7♑ 6	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n 1	27n30	3n57	19n13	1n 9	3n55	1s44	24s27	1s54	4n 1	1n34	22s43	0n11	19s17	0n10	6n15	1s49	27n 9	13n21	15s34	15s35	10s18	17s24	5n57
T 2	16 18	26 20	3 6	19 55	1 17	4 23	1 44	24 27	1 57	4 2	1 34	22 43	0 11	19 16	0 10	6 16	1 49	27 9	13 20	15 36	15 36	10 21	17 24	5 57
W 3	16 35	23 40	2 6	20 34	1 26	4 52	1 44	24 27	2 0	4 3	1 34	22 44	0 11	19 15	0 10	6 17	1 49	27 9	13 20	15 37	15 37	10 24	17 24	5 58
T 4	16 52	19 53	1 1	21 11	1 33	5 20	1 44	24 28	2 4	4 4	1 34	22 44	0 11	19 15	0 10	6 18	1 49	27 8	13 20	15 37	15 38	10 27	17 23	5 58
F 5	17 8	15 18	0s 4	21 46	1 40	5 48	1 43	24 28	2 7	4 4	1 33	22 44	0 10	19 14	0 10	6 18	1 49	27 8	13 19	15 37	15 39	10 30	17 23	5 59
S 6	17 24	10 12	1 8	22 18	1 47	6 15	1 43	24 28	2 10	4 5	1 33	22 44	0 10	19 14	0 10	6 19	1 49	27 8	13 19	15 37	15 40	10 34	17 23	5 59
S 7	17 40	4 50	2 8	22 47	1 52	6 43	1 42	24 29	2 14	4 6	1 33	22 44	0 10	19 13	0 10	6 20	1 49	27 7	13 19	15 38	15 40	10 37	17 22	6 0
M 8	17 56	0s39	3 2	23 14	1 57	7 11	1 41	24 29	2 17	4 6	1 33	22 45	0 10	19 13	0 10	6 20	1 49	27 7	13 18	15 39	15 41	10 40	17 22	6 0
T 9	18 11	6 4	3 47	23 38	2 2	7 38	1 41	24 30	2 21	4 6	1 32	22 45	0 10	19 12	0 10	6 21	1 49	27 6	13 18	15 41	15 42	10 43	17 22	6 1
W10	18 26	11 17	4 23	24 0	2 5	8 6	1 40	24 31	2 24	4 7	1 32	22 45	0 10	19 11	0 10	6 22	1 49	27 6	13 18	15 44	15 43	10 46	17 21	6 1
T 11	18 41	16 6	4 47	24 19	2 8	8 33	1 39	24 31	2 28	4 7	1 32	22 46	0 10	19 11	0 10	6 23	1 49	27 6	13 17	15 47	15 44	10 49	17 21	6 1
F 12	18 55	20 21	4 59	24 36	2 10	9 0	1 38	24 32	2 32	4 7	1 32	22 46	0 10	19 10	0 10	6 23	1 49	27 5	13 17	15 51	15 45	10 52	17 21	6 2
S 13	19 9	23 47	4 57	24 50	2 11	9 27	1 37	24 33	2 36	4 7	1 31	22 46	0 10	19 10	0 10	6 24	1 49	27 5	13 17	15 55	15 46	10 55	17 20	6 2
S 14	19 23	26 12	4 42	25 2	2 12	9 53	1 36	24 34	2 39	4 7	1 31	22 46	0 10	19 9	0 10	6 25	1 49	27 4	13 16	15 59	15 47	10 58	17 20	6 3
M15	19 36	27 21	4 13	25 11	2 11	10 20	1 35	24 35	2 43	4 7	1 31	22 47	0 10	19 9	0 10	6 25	1 49	27 4	13 16	16 2	15 48	11 1	17 20	6 3
T 16	19 50	27 8	3 32	25 19	2 10	10 46	1 34	24 36	2 47	4 7	1 31	22 47	0 10	19 8	0 10	6 26	1 49	27 3	13 16	16 5	15 49	11 4	17 20	6 3
W17	20 2	25 28	2 39	25 24	2 8	11 12	1 32	24 37	2 51	4 7	1 30	22 47	0 10	19 7	0 10	6 27	1 49	27 3	13 15	16 7	15 50	11 7	17 19	6 4
T 18	20 15	22 26	1 37	25 28	2 6	11 38	1 31	24 39	2 55	4 6	1 30	22 48	0 10	19 7	0 10	6 27	1 49	27 2	13 15	16 8	15 51	11 10	17 19	6 4
F 19	20 27	18 11	0 29	25 29	2 3	12 3	1 30	24 40	2 59	4 6	1 30	22 48	0 9	19 6	0 10	6 28	1 49	27 2	13 15	16 8	15 52	11 13	17 19	6 5
S 20	20 39	12 57	0n42	25 29	1 59	12 29	1 28	24 42	3 3	4 6	1 29	22 48	0 9	19 6	0 10	6 29	1 49	27 1	13 14	16 8	15 53	11 16	17 19	6 5
S 21	20 50	6 59	1 52	25 27	1 54	12 54	1 27	24 43	3 7	4 5	1 29	22 49	0 9	19 5	0 10	6 29	1 49	27 1	13 14	16 8	15 54	11 19	17 19	6 5
M22	21 1	0 32	2 58	25 23	1 48	13 18	1 25	24 45	3 11	4 5	1 29	22 49	0 9	19 4	0 10	6 30	1 49	27 0	13 14	16 9	15 55	11 22	17 18	6 6
T 23	21 12	6n 3	3 53	25 18	1 42	13 43	1 24	24 47	3 16	4 4	1 29	22 49	0 9	19 4	0 10	6 31	1 49	27 0	13 13	16 10	15 56	11 25	17 18	6 6
W24	21 22	12 26	4 34	25 12	1 35	14 7	1 22	24 49	3 20	4 3	1 28	22 50	0 9	19 3	0 10	6 31	1 49	26 59	13 13	16 11	15 57	11 28	17 18	6 6
T 25	21 32	18 11	4 58	25 4	1 28	14 31	1 20	24 51	3 24	4 2	1 28	22 50	0 9	19 3	0 10	6 32	1 50	26 58	13 13	16 14	15 58	11 31	17 18	6 7
F 26	21 42	22 51	5 1	24 55	1 20	14 54	1 19	24 54	3 29	4 2	1 28	22 50	0 9	19 2	0 10	6 32	1 50	26 58	13 12	16 16	15 59	11 34	17 18	6 7
S 27	21 51	26 1	4 44	24 45	1 11	15 17	1 17	24 56	3 33	4 1	1 28	22 51	0 9	19 2	0 10	6 33	1 50	26 57	13 12	16 19	16 0	11 37	17 17	6 7
S 28	22 0	27 22	4 9	24 34	1 1	15 40	1 15	24 59	3 37	4 0	1 27	22 51	0 9	19 1	0 10	6 34	1 50	26 57	13 12	16 22	16 1	11 40	17 17	6 8
M29	22 9	26 51	3 19	24 21	0 51	16 3	1 13	25 1	3 42	3 59	1 27	22 52	0 9	19 0	0 10	6 34	1 50	26 56	13 11	16 24	16 2	11 42	17 17	6 8
T 30	22 17	24 41	2 19	24 8	0 40	16 25	1 11	25 4	3 46	3 57	1 27	22 52	0 9	19 0	0 10	6 35	1 50	26 55	13 11	16 26	16 3	11 45	17 17	6 8
W31	22n25	21n10	1n12	23n55	0n29	16n46	1s 9	25s 7	3s51	3n56	1n26	22s52	0n 9	18s59	0n10	6n35	1s50	26n55	13n11	16s27	16s 4	11s48	17s17	6n 8

Julian Day Number = 1985619.5, Delta T = 57m09s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'15, Lahiri = 6°05'16 Julian Calendar 1 May 724 == Greg. Calendar 5 May 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

JUNE 724 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 51 28	13♊ 8'56	14♌16	7♋33	21♉17	24♏48	23♍30	12°R25	24°R58	21♈ 7	21♌19	15°D 0	16♒15	19♎20	7°R 3	T 1
F 2	16 55 25	14° 6'07	26°50	8°14	22°30	24°54	23°33	12♏22	24♏56	21° 8	21°20	15♒ 0	16°12	19°26	6♏59	F 2
S 3	16 59 21	15° 3'16	9♍ 5	8°51	23°42	24°59	23°36	12°18	24°53	21°10	21°21	15° 1	16° 8	19°33	6°56	S 3
S 4	17 3 18	16° 0'25	21° 7	9°23	24°55	25° 4	23°39	12°15	24°51	21°11	21°22	15°R 1	16° 5	19°40	6°53	S 4
M 5	17 7 15	16°57'34	3♎ 1	9°52	26° 8	25° 8	23°42	12°11	24°49	21°13	21°23	14°59	16° 2	19°47	6°49	M 5
T 6	17 11 11	17°54'42	14°53	10°16	27°21	25°11	23°45	12° 7	24°47	21°14	21°24	14°56	15°59	19°53	6°46	T 6
W 7	17 15 8	18°51'50	26°45	10°36	28°33	25°13	23°49	12° 3	24°44	21°16	21°26	14°50	15°56	20° 0	6°43	W 7
T 8	17 19 4	19°48'58	8♏43	10°52	29°46	25°15	23°53	11°59	24°42	21°17	21°27	14°42	15°53	20° 7	6°39	T 8
F 9	17 23 1	20°46'05	20°49	11° 3	0♊59	25°16	23°57	11°55	24°40	21°18	21°28	14°33	15°49	20°13	6°36	F 9
S 10	17 26 57	21°43'13	3♐ 6	11° 9	2°12	25°R16	24° 1	11°51	24°38	21°20	21°29	14°24	15°46	20°20	6°32	S 10
S 11	17 30 54	22°40'20	15°34	11°R11	3°25	25°16	24° 5	11°47	24°36	21°21	21°30	14°15	15°43	20°27	6°29	S 11
M12	17 34 50	23°37'27	28°15	11° 8	4°38	25°15	24° 9	11°43	24°34	21°22	21°32	14° 7	15°40	20°33	6°26	M12
T 13	17 38 47	24°34'35	11♑ 8	11° 0	5°51	25°13	24°14	11°39	24°32	21°23	21°33	14° 1	15°37	20°40	6°22	T 13
W14	17 42 44	25°31'43	24°12	10°48	7° 4	25°10	24°19	11°35	24°30	21°25	21°34	13°57	15°33	20°47	6°18	W14
T 15	17 46 40	26°28'51	7♒29	10°31	8°17	25° 6	24°23	11°31	24°28	21°26	21°35	13°D55	15°30	20°54	6°15	T 15
F 16	17 50 37	27°25'59	20°57	10°10	9°30	25° 2	24°28	11°27	24°26	21°27	21°37	13°55	15°27	21° 0	6°11	F 16
S 17	17 54 33	28°23'08	4♓37	9°45	10°43	24°57	24°34	11°22	24°24	21°28	21°38	13°56	15°24	21° 7	6° 8	S 17
S 18	17 58 30	29°20'17	18°29	9°17	11°56	24°51	24°39	11°18	24°22	21°29	21°40	13°57	15°21	21°14	6° 4	S 18
M19	18 2 26	0♋17'27	2♈32	8°45	13° 9	24°45	24°44	11°14	24°20	21°30	21°41	13°R57	15°18	21°20	6° 1	M19
T 20	18 6 23	1°14'37	16°45	8°10	14°22	24°37	24°50	11°10	24°18	21°31	21°42	13°56	15°14	21°27	5°57	T 20
W21	18 10 20	2°11'48	1♉ 8	7°33	15°35	24°29	24°56	11° 5	24°17	21°32	21°44	13°54	15°11	21°34	5°53	W21
T 22	18 14 16	3° 9'00	15°35	6°55	16°48	24°21	25° 2	11° 1	24°15	21°33	21°45	13°49	15° 8	21°41	5°50	T 22
F 23	18 18 13	4° 6'12	0♊ 3	6°15	18° 2	24°11	25° 8	10°56	24°13	21°34	21°47	13°44	15° 5	21°47	5°46	F 23
S 24	18 22 9	5° 3'26	14°25	5°35	19°15	24° 1	25°14	10°52	24°11	21°35	21°48	13°38	15° 2	21°54	5°43	S 24
S 25	18 26 6	6° 0'40	28°37	4°55	20°28	23°51	25°20	10°48	24°10	21°36	21°50	13°32	14°59	22° 1	5°39	S 25
M26	18 30 2	6°57'54	12♋32	4°16	21°42	23°39	25°26	10°43	24° 8	21°37	21°52	13°28	14°55	22° 7	5°35	M26
T 27	18 33 59	7°55'09	26° 8	3°39	22°55	23°27	25°33	10°39	24° 7	21°38	21°53	13°25	14°52	22°14	5°32	T 27
W28	18 37 55	8°52'24	9♌22	3° 4	24° 8	23°15	25°40	10°34	24° 5	21°39	21°55	13°D24	14°49	22°21	5°28	W28
T 29	18 41 52	9°49'40	22°14	2°32	25°22	23° 2	25°47	10°30	24° 4	21°39	21°56	13°24	14°46	22°28	5°24	T 29
F 30	18 45 49	10♋46'56	4♍47	2♋ 4	26♊35	22♏49	25♍54	10♏26	24♏ 2	21♈40	21♌58	13♒25	14♒43	22♎34	5♏21	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n32	16n43	0n 4	23n40	0n17	17n 7	1s 7	25s11	3s56	3n55	1n26	22s53	0n 8	18s59	0n10	6n36	1s50	26n54	13n10	16s27	16s 5	11s51	17s17	6n 9
F 2	22 39	11 40	1s 3	23 25	0 4	17 28	1 5	25 14	4 0	3 54	1 26	22 53	0 8	18 58	0 10	6 36	1 50	26 54	13 10	16 27	16 6	11 54	17 17	6 9
S 3	22 46	6 17	2 5	23 10	0s 9	17 49	1 3	25 18	4 5	3 52	1 26	22 54	0 8	18 58	0 10	6 37	1 50	26 53	13 10	16 27	16 7	11 57	17 17	6 9
S 4	22 52	0 47	3 1	22 54	0 22	18 9	1 1	25 21	4 9	3 51	1 25	22 54	0 8	18 57	0 10	6 37	1 50	26 52	13 9	16 27	16 7	12 0	17 17	6 9
M 5	22 58	4s41	3 48	22 38	0 36	18 28	0 59	25 25	4 14	3 49	1 25	22 55	0 8	18 57	0 10	6 38	1 50	26 52	13 9	16 27	16 8	12 3	17 16	6 10
T 6	23 3	9 58	4 25	22 22	0 51	18 47	0 57	25 29	4 19	3 48	1 25	22 55	0 8	18 56	0 10	6 38	1 50	26 51	13 9	16 28	16 9	12 6	17 16	6 10
W 7	23 8	14 53	4 50	22 5	1 6	19 6	0 54	25 33	4 23	3 46	1 25	22 55	0 8	18 56	0 10	6 39	1 50	26 50	13 9	16 30	16 10	12 9	17 16	6 10
T 8	23 13	19 17	5 4	21 49	1 21	19 24	0 52	25 37	4 28	3 44	1 24	22 56	0 8	18 55	0 10	6 39	1 50	26 50	13 8	16 32	16 11	12 12	17 16	6 10
F 9	23 17	22 57	5 3	21 33	1 36	19 41	0 50	25 42	4 33	3 42	1 24	22 56	0 8	18 55	0 10	6 40	1 50	26 49	13 8	16 35	16 12	12 15	17 16	6 11
S 10	23 21	25 39	4 49	21 17	1 52	19 58	0 48	25 46	4 37	3 41	1 24	22 57	0 8	18 54	0 10	6 40	1 50	26 48	13 8	16 38	16 13	12 18	17 16	6 11
S 11	23 24	27 9	4 21	21 1	2 7	20 15	0 45	25 51	4 42	3 39	1 24	22 57	0 8	18 54	0 10	6 41	1 50	26 48	13 7	16 40	16 14	12 21	17 16	6 11
M12	23 27	27 16	3 40	20 46	2 23	20 31	0 43	25 56	4 47	3 37	1 23	22 58	0 8	18 53	0 10	6 41	1 50	26 47	13 7	16 43	16 15	12 24	17 16	6 11
T 13	23 30	25 55	2 47	20 31	2 38	20 46	0 40	26 1	4 51	3 35	1 23	22 58	0 7	18 53	0 10	6 42	1 50	26 46	13 7	16 44	16 16	12 27	17 16	6 11
W14	23 32	23 8	1 44	20 17	2 54	21 1	0 38	26 6	4 56	3 32	1 23	22 58	0 7	18 52	0 10	6 42	1 51	26 46	13 7	16 45	16 17	12 29	17 16	6 11
T 15	23 34	19 5	0 35	20 3	3 8	21 15	0 36	26 11	5 1	3 30	1 23	22 59	0 7	18 52	0 10	6 42	1 51	26 45	13 6	16 46	16 18	12 32	17 16	6 12
F 16	23 35	14 1	0n38	19 51	3 23	21 29	0 33	26 16	5 5	3 28	1 22	22 59	0 7	18 51	0 10	6 43	1 51	26 44	13 6	16 46	16 19	12 35	17 16	6 12
S 17	23 36	8 11	1 50	19 39	3 36	21 42	0 31	26 22	5 10	3 26	1 22	23 0	0 7	18 51	0 10	6 43	1 51	26 44	13 6	16 46	16 20	12 38	17 16	6 12
S 18	23 36	1 54	2 56	19 28	3 49	21 55	0 28	26 27	5 14	3 23	1 22	23 0	0 7	18 50	0 10	6 43	1 51	26 43	13 6	16 45	16 21	12 41	17 16	6 12
M19	23 36	4n34	3 52	19 18	4 1	22 6	0 26	26 33	5 19	3 21	1 22	23 1	0 7	18 50	0 10	6 44	1 51	26 42	13 5	16 45	16 22	12 44	17 16	6 12
T 20	23 36	10 52	4 35	19 10	4 12	22 18	0 23	26 38	5 23	3 19	1 21	23 1	0 7	18 49	0 10	6 44	1 51	26 41	13 5	16 46	16 23	12 47	17 16	6 12
W21	23 35	16 39	5 2	19 2	4 22	22 28	0 21	26 44	5 27	3 16	1 21	23 2	0 7	18 49	0 10	6 44	1 51	26 41	13 5	16 46	16 24	12 50	17 16	6 12
T 22	23 34	21 33	5 9	18 56	4 30	22 39	0 18	26 50	5 32	3 13	1 21	23 2	0 7	18 49	0 10	6 45	1 51	26 40	13 5	16 48	16 25	12 53	17 17	6 12
F 23	23 32	25 8	4 57	18 51	4 37	22 48	0 16	26 56	5 36	3 11	1 21	23 3	0 7	18 48	0 10	6 45	1 51	26 39	13 5	16 49	16 25	12 55	17 17	6 12
S 24	23 31	27 6	4 26	18 48	4 42	22 57	0 13	27 2	5 40	3 8	1 20	23 3	0 7	18 48	0 10	6 45	1 51	26 39	13 4	16 51	16 26	12 58	17 17	6 13
S 25	23 28	27 15	3 39	18 46	4 45	23 5	0 11	27 7	5 44	3 5	1 20	23 3	0 6	18 47	0 10	6 46	1 51	26 38	13 4	16 52	16 27	13 1	17 17	6 13
M26	23 25	25 40	2 40	18 45	4 47	23 12	0 8	27 13	5 48	3 3	1 20	23 4	0 6	18 47	0 10	6 46	1 51	26 37	13 4	16 54	16 28	13 4	17 17	6 13
T 27	23 22	22 35	1 33	18 46	4 47	23 19	0 6	27 19	5 51	3 0	1 20	23 4	0 6	18 47	0 10	6 46	1 51	26 36	13 4	16 55	16 29	13 7	17 17	6 13
W28	23 18	18 23	0 22	18 48	4 46	23 25	0 3	27 25	5 55	2 57	1 19	23 5	0 6	18 46	0 9	6 46	1 51	26 36	13 3	16 55	16 30	13 10	17 17	6 13
T 29	23 14	13 26	0s48	18 52	4 43	23 31	0 1	27 31	5 59	2 54	1 19	23 5	0 6	18 46	0 9	6 47	1 51	26 35	13 3	16 55	16 31	13 13	17 17	6 13
F 30	23n10	8n 3	1s54	18n57	4s38	23n35	0n 2	27s36	6s 2	2n51	1n19	23s 6	0n 6	18s46	0n 9	6n47	1s51	26n34	13n 3	16s55	16s32	13s15	17s17	6n13

Julian Day Number = 1985650.5, Delta T = 57m09s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'20, Lahiri = 6°05'20 Julian Calendar 1 June 724 == Greg. Calendar 5 June 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

JULY 724 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 49 45	11♋44'12	17♍ 3	1°R40	27♊48	22°R35	26♍ 1	10°R21	24°R 1	21♈41	22♎ 0	13♒27	14♒39	22♏41	5°R17	S 1
S 2	18 53 42	12°41'29	29° 7	1♋20	29° 2	22♑21	26° 8	10♑17	24♏ 0	21°42	22° 1	13°28	14°36	22°48	5♑14	S 2
M 3	18 57 38	13°38'47	11♏ 2	1° 6	0♋15	22° 6	26°15	10°12	23°58	21°42	22° 3	13°R29	14°33	22°54	5°10	M 3
T 4	19 1 35	14°36'05	22°55	0°57	1°29	21°51	26°23	10° 8	23°57	21°43	22° 5	13°29	14°30	23° 1	5° 7	T 4
W 5	19 5 31	15°33'23	4♏49	0°D54	2°42	21°36	26°31	10° 3	23°56	21°43	22° 6	13°27	14°27	23° 8	5° 3	W 5
T 6	19 9 28	16°30'43	16°50	0°56	3°56	21°20	26°38	9°59	23°55	21°44	22° 8	13°25	14°24	23°15	5° 0	T 6
F 7	19 13 24	17°28'02	29° 0	1° 5	5°10	21° 5	26°46	9°55	23°53	21°44	22°10	13°21	14°20	23°21	4°56	F 7
S 8	19 17 21	18°25'23	11♐24	1°20	6°23	20°49	26°54	9°50	23°52	21°45	22°12	13°17	14°17	23°28	4°53	S 8
S 9	19 21 18	19°22'44	24° 2	1°41	7°37	20°33	27° 2	9°46	23°51	21°45	22°14	13°13	14°14	23°35	4°49	S 9
M10	19 25 14	20°20'07	6♑58	2° 9	8°51	20°17	27°10	9°42	23°50	21°46	22°15	13°10	14°11	23°41	4°46	M10
T 11	19 29 11	21°17'30	20° 9	2°43	10° 4	20° 1	27°19	9°37	23°49	21°46	22°17	13° 8	14° 8	23°48	4°42	T 11
W12	19 33 7	22°14'54	3♒37	3°23	11°18	19°45	27°27	9°33	23°48	21°47	22°19	13° 7	14° 5	23°55	4°39	W12
T 13	19 37 4	23°12'19	17°18	4° 9	12°32	19°29	27°36	9°29	23°47	21°47	22°21	13°D 6	14° 1	24° 2	4°36	T 13
F 14	19 41 0	24° 9'45	1♓10	5° 2	13°46	19°14	27°45	9°25	23°47	21°47	22°23	13° 7	13°58	24° 8	4°32	F 14
S 15	19 44 57	25° 7'13	15°12	6° 1	14°59	18°58	27°53	9°20	23°46	21°47	22°25	13° 8	13°55	24°15	4°29	S 15
S 16	19 48 53	26° 4'42	29°21	7° 5	16°13	18°42	28° 2	9°16	23°45	21°48	22°27	13° 9	13°52	24°22	4°26	S 16
M17	19 52 50	27° 2'12	13♈33	8°16	17°27	18°27	28°11	9°12	23°44	21°48	22°29	13°10	13°49	24°28	4°23	M17
T 18	19 56 47	27°59'44	27°47	9°32	18°41	18°12	28°20	9° 8	23°44	21°48	22°30	13°R11	13°45	24°35	4°19	T 18
W19	20 0 43	28°57'17	12♉ 0	10°53	19°55	17°58	28°30	9° 4	23°43	21°48	22°32	13°10	13°42	24°42	4°16	W19
T 20	20 4 40	29°54'52	26°10	12°20	21° 9	17°43	28°39	9° 0	23°43	21°48	22°34	13° 9	13°39	24°49	4°13	T 20
F 21	20 8 36	0♌52'29	10♊13	13°51	22°23	17°29	28°48	8°56	23°42	21°48	22°36	13° 8	13°36	24°55	4°10	F 21
S 22	20 12 33	1°50'07	24° 9	15°26	23°37	17°16	28°58	8°52	23°42	21°R48	22°38	13° 7	13°33	25° 2	4° 7	S 22
S 23	20 16 29	2°47'47	7♋52	17° 6	24°51	17° 3	29° 7	8°48	23°41	21°48	22°40	13° 5	13°30	25° 9	4° 4	S 23
M24	20 20 26	3°45'28	21°23	18°50	26° 5	16°51	29°17	8°44	23°41	21°48	22°42	13° 4	13°26	25°15	4° 1	M24
T 25	20 24 23	4°43'11	4♌38	20°37	27°19	16°39	29°27	8°41	23°41	21°48	22°44	13° 4	13°23	25°22	3°58	T 25
W26	20 28 19	5°40'54	17°36	22°27	28°33	16°27	29°37	8°37	23°41	21°48	22°46	13°D 4	13°20	25°29	3°55	W26
T 27	20 32 16	6°38'40	0♍19	24°19	29°47	16°17	29°47	8°33	23°40	21°48	22°48	13° 4	13°17	25°36	3°53	T 27
F 28	20 36 12	7°36'26	12°46	26°14	1♌ 2	16° 7	29°57	8°30	23°40	21°48	22°50	13° 5	13°14	25°42	3°50	F 28
S 29	20 40 9	8°34'14	24°59	28°10	2°16	15°57	0♏ 7	8°26	23°40	21°48	22°52	13° 5	13°11	25°49	3°47	S 29
S 30	20 44 5	9°32'03	7♏ 2	0♌ 8	3°30	15°49	0°17	8°23	23°D40	21°47	22°54	13° 6	13° 7	25°56	3°45	S 30
M31	20 48 2	10♌29'53	18♏58	2♌ 7	4♌44	15♑41	0♏28	8♑19	23♏40	21♈47	22♎56	13♒ 6	13♒ 4	26♏ 3	3♑42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	2n29	2s54	19n 4	4s32	23n39	0n 4	27s42	6s 5	2n48	1n19	23s 6	0n 6	18s45	0n 9	6n47	1s52	26n33	13n 3	16s54	16s33	13s18	17s17	6n13
S 2	23 0	3s 4	3 44	19 11	4 24	23 43	0 7	27 48	6 8	2 45	1 18	23 7	0 6	18 45	0 9	6 47	1 52	26 33	13 3	16 54	16 34	13 21	17 18	6 13
M 3	22 54	8 27	4 25	19 20	4 16	23 45	0 9	27 53	6 11	2 42	1 18	23 7	0 6	18 45	0 9	6 47	1 52	26 32	13 2	16 53	16 35	13 24	17 18	6 13
T 4	22 48	13 30	4 53	19 31	4 5	23 47	0 11	27 58	6 14	2 38	1 18	23 7	0 6	18 44	0 9	6 48	1 52	26 31	13 2	16 53	16 36	13 27	17 18	6 13
W 5	22 41	18 4	5 10	19 42	3 54	23 49	0 14	28 3	6 17	2 35	1 18	23 8	0 6	18 44	0 9	6 48	1 52	26 30	13 2	16 54	16 37	13 30	17 18	6 13
T 6	22 35	21 58	5 13	19 54	3 42	23 49	0 16	28 8	6 19	2 32	1 18	23 8	0 5	18 44	0 9	6 48	1 52	26 30	13 2	16 55	16 38	13 33	17 18	6 13
F 7	22 27	24 59	5 2	20 7	3 29	23 49	0 19	28 13	6 22	2 29	1 17	23 9	0 5	18 43	0 9	6 48	1 52	26 29	13 2	16 56	16 39	13 35	17 18	6 13
S 8	22 20	26 52	4 37	20 20	3 15	23 48	0 21	28 18	6 24	2 25	1 17	23 9	0 5	18 43	0 9	6 48	1 52	26 28	13 2	16 57	16 39	13 38	17 19	6 13
S 9	22 12	27 26	3 58	20 34	3 1	23 46	0 23	28 22	6 26	2 22	1 17	23 9	0 5	18 43	0 9	6 48	1 52	26 27	13 2	16 58	16 40	13 41	17 19	6 12
M10	22 3	26 31	3 6	20 49	2 46	23 44	0 26	28 27	6 28	2 18	1 17	23 10	0 5	18 43	0 9	6 48	1 52	26 27	13 1	16 59	16 41	13 44	17 19	6 12
T 11	21 54	24 6	2 3	21 3	2 31	23 41	0 28	28 31	6 29	2 15	1 17	23 10	0 5	18 43	0 9	6 48	1 52	26 26	13 1	17 0	16 42	13 47	17 19	6 12
W12	21 45	20 19	0 52	21 18	2 16	23 37	0 30	28 35	6 31	2 11	1 16	23 11	0 5	18 42	0 9	6 49	1 52	26 25	13 1	17 0	16 43	13 49	17 19	6 12
T 13	21 36	15 24	0n23	21 32	2 0	23 33	0 32	28 38	6 32	2 7	1 16	23 11	0 5	18 42	0 9	6 49	1 52	26 24	13 1	17 0	16 44	13 52	17 20	6 12
F 14	21 26	9 36	1 38	21 46	1 45	23 28	0 35	28 42	6 33	2 4	1 16	23 11	0 5	18 42	0 9	6 49	1 52	26 24	13 1	17 0	16 45	13 55	17 20	6 12
S 15	21 15	3 17	2 48	21 59	1 29	23 22	0 37	28 45	6 34	2 0	1 16	23 12	0 5	18 42	0 9	6 49	1 52	26 23	13 1	16 59	16 46	13 58	17 20	6 12
S 16	21 5	3n13	3 48	22 11	1 14	23 16	0 39	28 48	6 34	1 56	1 16	23 12	0 5	18 42	0 9	6 49	1 53	26 22	13 1	16 59	16 47	14 1	17 20	6 12
M17	20 54	9 36	4 35	22 22	0 59	23 8	0 41	28 50	6 35	1 53	1 15	23 13	0 4	18 41	0 9	6 49	1 53	26 21	13 1	16 59	16 48	14 3	17 21	6 12
T 18	20 42	15 29	5 5	22 32	0 44	23 0	0 43	28 53	6 35	1 49	1 15	23 13	0 4	18 41	0 9	6 49	1 53	26 20	13 0	16 59	16 49	14 6	17 21	6 11
W19	20 31	20 32	5 16	22 40	0 30	22 52	0 45	28 55	6 35	1 45	1 15	23 13	0 4	18 41	0 9	6 49	1 53	26 20	13 0	16 59	16 50	14 9	17 21	6 11
T 20	20 19	24 24	5 8	22 46	0 16	22 42	0 47	28 57	6 35	1 41	1 15	23 14	0 4	18 41	0 9	6 49	1 53	26 19	13 0	16 59	16 51	14 12	17 21	6 11
F 21	20 6	26 46	4 41	22 51	0 2	22 32	0 49	28 58	6 35	1 37	1 15	23 14	0 4	18 41	0 9	6 49	1 53	26 18	13 0	16 59	16 51	14 15	17 22	6 11
S 22	19 53	27 27	3 59	22 53	0n11	22 22	0 51	29 0	6 34	1 33	1 14	23 14	0 4	18 41	0 9	6 49	1 53	26 17	13 0	17 0	16 52	14 17	17 22	6 11
S 23	19 40	26 24	3 3	22 53	0 23	22 11	0 53	29 1	6 34	1 29	1 14	23 15	0 4	18 41	0 9	6 49	1 53	26 17	13 0	17 0	16 53	14 20	17 22	6 10
M24	19 27	23 49	1 57	22 50	0 34	21 59	0 55	29 2	6 33	1 25	1 14	23 15	0 4	18 41	0 9	6 48	1 53	26 16	13 0	17 1	16 54	14 23	17 23	6 10
T 25	19 13	19 59	0 47	22 45	0 45	21 46	0 57	29 2	6 32	1 21	1 14	23 15	0 4	18 41	0 9	6 48	1 53	26 15	13 0	17 1	16 55	14 26	17 23	6 10
W26	18 59	15 16	0s25	22 37	0 55	21 33	0 58	29 3	6 31	1 17	1 14	23 16	0 4	18 41	0 9	6 48	1 53	26 14	13 0	17 1	16 56	14 28	17 23	6 10
T 27	18 44	9 58	1 34	22 27	1 4	21 19	1 0	29 3	6 29	1 13	1 14	23 16	0 4	18 41	0 9	6 48	1 53	26 14	13 0	17 1	16 57	14 31	17 23	6 10
F 28	18 30	4 24	2 37	22 14	1 12	21 4	1 2	29 3	6 28	1 8	1 13	23 16	0 3	18 41	0 9	6 48	1 53	26 13	13 0	17 0	16 58	14 34	17 24	6 9
S 29	18 15	1s14	3 32	21 58	1 19	20 49	1 3	29 2	6 26	1 4	1 13	23 17	0 3	18 41	0 9	6 48	1 53	26 12	13 0	17 0	16 59	14 37	17 24	6 9
S 30	17 59	6 44	4 16	21 39	1 26	20 33	1 5	29 2	6 25	1 0	1 13	23 17	0 3	18 41	0 9	6 48	1 53	26 12	13 0	17 0	17 0	14 39	17 24	6 9
M31	17n44	11s56	4s49	21n18	1n31	20n17	1n 6	29s 1	6s23	0n56	1n13	23s17	0n 3	18s41	0n 9	6n48	1s53	26n11	13n 0	17s 0	17s 1	14s42	17s25	6n 9

Julian Day Number = 1985680.5, Delta T = 57m08s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'24, Lahiri = 6°05'24 Julian Calendar 1 July 724 == Greg. Calendar 5 July 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

AUGUST 724 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 51 58	11♌27'45	0♏50	4♌ 6	5♌59	15°R34	0♎38	8°R16	23♏40	21°R47	22♌58	13♒ 6	13♒ 1	26♎ 9	3°R40	T 1
W 2	20 55 55	12°25'38	12°44	6° 6	7°13	15♑27	0°49	8♑13	23°40	21♈46	23° 0	13°R 6	12°58	26°16	3♑37	W 2
T 3	20 59 51	13°23'33	24°44	8° 5	8°27	15°22	0°59	8° 9	23°41	21°46	23° 3	13°D 6	12°55	26°23	3°35	T 3
F 4	21 3 48	14°21'28	6♐55	10° 5	9°41	15°17	1°10	8° 6	23°41	21°46	23° 5	13° 6	12°51	26°29	3°32	F 4
S 5	21 7 45	15°19'26	19°20	12° 4	10°56	15°13	1°21	8° 3	23°41	21°45	23° 7	13° 6	12°48	26°36	3°30	S 5
S 6	21 11 41	16°17'24	2♑ 3	14° 2	12°10	15°10	1°32	8° 0	23°42	21°45	23° 9	13° 7	12°45	26°43	3°28	S 6
M 7	21 15 38	17°15'25	15° 7	16° 0	13°25	15° 7	1°42	7°57	23°42	21°44	23°11	13° 7	12°42	26°50	3°26	M 7
T 8	21 19 34	18°13'26	28°33	17°57	14°39	15° 6	1°53	7°54	23°42	21°44	23°13	13° 7	12°39	26°56	3°24	T 8
W 9	21 23 31	19°11'30	12♒19	19°53	15°53	15° 5	2° 5	7°52	23°43	21°43	23°15	13°R 7	12°36	27° 3	3°22	W 9
T 10	21 27 27	20° 9'35	26°25	21°49	17° 8	15°D 5	2°16	7°49	23°43	21°43	23°17	13° 7	12°32	27°10	3°20	T 10
F 11	21 31 24	21° 7'41	10♓45	23°43	18°22	15° 5	2°27	7°46	23°44	21°42	23°19	13° 7	12°29	27°16	3°18	F 11
S 12	21 35 20	22° 5'50	25°15	25°36	19°37	15° 7	2°38	7°44	23°45	21°41	23°21	13° 6	12°26	27°23	3°16	S 12
S 13	21 39 17	23° 4'00	9♈48	27°27	20°51	15° 9	2°49	7°41	23°45	21°41	23°23	13° 5	12°23	27°30	3°14	S 13
M14	21 43 14	24° 2'13	24°20	29°18	22° 6	15°13	3° 1	7°39	23°46	21°40	23°25	13° 4	12°20	27°37	3°12	M14
T 15	21 47 10	25° 0'27	8♉45	1♍ 8	23°21	15°17	3°12	7°37	23°47	21°39	23°28	13° 3	12°17	27°43	3°11	T 15
W16	21 51 7	25°58'44	23° 0	2°56	24°35	15°21	3°24	7°34	23°48	21°38	23°30	13°D 2	12°13	27°50	3° 9	W16
T 17	21 55 3	26°57'04	7♊ 1	4°43	25°50	15°27	3°35	7°32	23°49	21°38	23°32	13° 2	12°10	27°57	3° 8	T 17
F 18	21 59 0	27°55'25	20°49	6°29	27° 4	15°33	3°47	7°30	23°50	21°37	23°34	13° 3	12° 7	28° 3	3° 6	F 18
S 19	22 2 56	28°53'49	4♋22	8°14	28°19	15°40	3°59	7°28	23°51	21°36	23°36	13° 4	12° 4	28°10	3° 5	S 19
S 20	22 6 53	29°52'14	17°41	9°58	29°34	15°48	4°11	7°26	23°52	21°35	23°38	13° 6	12° 1	28°17	3° 4	S 20
M21	22 10 50	0♍50'42	0♌47	11°41	0♍48	15°57	4°23	7°25	23°53	21°34	23°40	13° 7	11°57	28°24	3° 2	M21
T 22	22 14 46	1°49'12	13°39	13°22	2° 3	16° 6	4°34	7°23	23°54	21°33	23°42	13°R 7	11°54	28°30	3° 1	T 22
W23	22 18 43	2°47'44	26°19	15° 3	3°18	16°16	4°46	7°21	23°55	21°32	23°44	13° 6	11°51	28°37	3° 0	W23
T 24	22 22 39	3°46'18	8♍47	16°42	4°33	16°27	4°58	7°20	23°56	21°31	23°46	13° 5	11°48	28°44	2°59	T 24
F 25	22 26 36	4°44'53	21° 4	18°21	5°47	16°39	5°10	7°19	23°58	21°30	23°48	13° 2	11°45	28°50	2°58	F 25
S 26	22 30 32	5°43'31	3♎11	19°58	7° 2	16°51	5°23	7°17	23°59	21°29	23°50	12°59	11°42	28°57	2°57	S 26
S 27	22 34 29	6°42'10	15°10	21°34	8°17	17° 4	5°35	7°16	24° 0	21°28	23°52	12°55	11°38	29° 4	2°57	S 27
M28	22 38 25	7°40'52	27° 4	23°10	9°32	17°18	5°47	7°15	24° 2	21°27	23°54	12°51	11°35	29°11	2°56	M28
T 29	22 42 22	8°39'35	8♏56	24°44	10°46	17°32	5°59	7°14	24° 3	21°26	23°57	12°47	11°32	29°17	2°55	T 29
W30	22 46 18	9°38'20	20°48	26°17	12° 1	17°47	6°12	7°13	24° 5	21°25	23°59	12°45	11°29	29°24	2°55	W30
T 31	22 50 15	10♍37'07	2♐46	27♍50	13♍16	18♑ 3	6♎24	7♑12	24♏ 6	21♈24	24♌ 1	12♒43	11♒26	29♎31	2♑54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n28	16s40	5s10	20n55	1n36	20n 0	1n 8	29s 0	6s21	0n51	1n13	23s18	0n 3	18s41	0n 9	6n47	1s54	26n10	13n 0	17s 0	17s 1	14s45	17s25	6n 8
W 2	17 12	20 47	5 17	20 29	1 39	19 43	1 9	28 58	6 19	0 47	1 13	23 18	0 3	18 41	0 9	6 47	1 54	26 9	13 0	17 0	17 2	14 47	17 25	6 8
T 3	16 55	24 6	5 10	20 1	1 42	19 25	1 10	28 57	6 16	0 43	1 12	23 18	0 3	18 41	0 9	6 47	1 54	26 9	13 0	17 0	17 3	14 50	17 26	6 8
F 4	16 38	26 23	4 50	19 31	1 45	19 6	1 12	28 55	6 14	0 38	1 12	23 19	0 3	18 41	0 9	6 47	1 54	26 8	13 0	17 0	17 4	14 53	17 26	6 8
S 5	16 21	27 25	4 16	18 59	1 46	18 47	1 13	28 53	6 12	0 34	1 12	23 19	0 3	18 41	0 9	6 47	1 54	26 7	13 0	17 0	17 5	14 56	17 26	6 7
S 6	16 4	27 4	3 28	18 26	1 47	18 27	1 14	28 51	6 9	0 29	1 12	23 19	0 3	18 41	0 9	6 46	1 54	26 6	13 0	17 0	17 6	14 58	17 27	6 7
M 7	15 46	25 13	2 29	17 51	1 47	18 7	1 15	28 48	6 6	0 25	1 12	23 19	0 3	18 41	0 9	6 46	1 54	26 6	13 0	17 0	17 7	15 1	17 27	6 7
T 8	15 28	21 54	1 20	17 14	1 46	17 46	1 16	28 46	6 4	0 20	1 12	23 20	0 2	18 41	0 9	6 46	1 54	26 5	13 0	17 0	17 8	15 4	17 27	6 6
W 9	15 10	17 18	0 4	16 37	1 45	17 25	1 17	28 43	6 1	0 16	1 11	23 20	0 2	18 41	0 9	6 46	1 54	26 4	13 0	17 0	17 9	15 6	17 28	6 6
T 10	14 52	11 39	1n13	15 58	1 43	17 3	1 18	28 40	5 58	0 11	1 11	23 20	0 2	18 42	0 9	6 45	1 54	26 4	13 0	17 0	17 10	15 9	17 28	6 6
F 11	14 33	5 19	2 27	15 18	1 41	16 41	1 19	28 37	5 55	0 6	1 11	23 20	0 2	18 42	0 9	6 45	1 54	26 3	13 0	17 0	17 11	15 12	17 28	6 5
S 12	14 14	1n21	3 33	14 37	1 38	16 18	1 20	28 34	5 52	0 2	1 11	23 21	0 2	18 42	0 9	6 45	1 54	26 2	13 0	17 0	17 11	15 14	17 29	6 5
S 13	13 55	7 58	4 25	13 55	1 35	15 55	1 21	28 30	5 49	0s 3	1 11	23 21	0 2	18 42	0 9	6 44	1 54	26 2	13 0	17 0	17 12	15 17	17 29	6 5
M14	13 36	14 8	4 59	13 13	1 31	15 31	1 21	28 27	5 45	0 8	1 11	23 21	0 2	18 42	0 9	6 44	1 54	26 1	13 0	17 1	17 13	15 20	17 30	6 5
T 15	13 17	19 29	5 15	12 30	1 27	15 7	1 22	28 23	5 42	0 12	1 11	23 21	0 2	18 43	0 9	6 44	1 54	26 0	13 0	17 1	17 14	15 22	17 30	6 4
W16	12 57	23 40	5 11	11 47	1 23	14 43	1 22	28 19	5 39	0 17	1 11	23 22	0 2	18 43	0 9	6 43	1 54	26 0	13 0	17 1	17 15	15 25	17 30	6 4
T 17	12 37	26 23	4 49	11 3	1 18	14 18	1 23	28 15	5 36	0 22	1 10	23 22	0 2	18 43	0 9	6 43	1 55	25 59	13 0	17 1	17 16	15 28	17 31	6 3
F 18	12 17	27 27	4 10	10 19	1 13	13 53	1 23	28 11	5 32	0 26	1 10	23 22	0 2	18 43	0 9	6 43	1 55	25 58	13 0	17 1	17 17	15 30	17 31	6 3
S 19	11 56	26 50	3 18	9 35	1 7	13 27	1 24	28 7	5 29	0 31	1 10	23 22	0 1	18 43	0 9	6 42	1 55	25 58	13 0	17 1	17 18	15 33	17 32	6 3
S 20	11 36	24 40	2 16	8 50	1 2	13 1	1 24	28 3	5 25	0 36	1 10	23 22	0 1	18 44	0 9	6 42	1 55	25 57	13 1	17 0	17 19	15 36	17 32	6 2
M21	11 15	21 13	1 8	8 5	0 56	12 35	1 24	27 58	5 22	0 41	1 10	23 23	0 1	18 44	0 9	6 42	1 55	25 56	13 1	17 0	17 19	15 38	17 32	6 2
T 22	10 54	16 48	0s 3	7 21	0 50	12 8	1 25	27 54	5 19	0 46	1 10	23 23	0 1	18 44	0 9	6 41	1 55	25 56	13 1	17 0	17 20	15 41	17 33	6 2
W23	10 33	11 42	1 12	6 36	0 43	11 41	1 25	27 49	5 15	0 51	1 10	23 23	0 1	18 45	0 9	6 41	1 55	25 55	13 1	17 0	17 21	15 44	17 33	6 1
T 24	10 12	6 14	2 17	5 51	0 37	11 13	1 25	27 44	5 12	0 56	1 10	23 23	0 1	18 45	0 9	6 40	1 55	25 55	13 1	17 0	17 22	15 46	17 33	6 1
F 25	9 50	0 36	3 14	5 6	0 30	10 46	1 25	27 39	5 8	1 0	1 9	23 23	0 1	18 45	0 9	6 40	1 55	25 54	13 1	17 1	17 23	15 49	17 34	6 1
S 26	9 29	4s57	4 1	4 22	0 23	10 18	1 25	27 34	5 4	1 5	1 9	23 23	0 1	18 46	0 8	6 40	1 55	25 53	13 1	17 2	17 24	15 52	17 34	6 0
S 27	9 7	10 16	4 38	3 37	0 16	9 49	1 24	27 29	5 1	1 10	1 9	23 24	0 1	18 46	0 8	6 39	1 55	25 53	13 1	17 3	17 25	15 54	17 35	6 0
M28	8 45	15 11	5 2	2 53	0 9	9 21	1 24	27 24	4 57	1 15	1 9	23 24	0 1	18 46	0 8	6 39	1 55	25 52	13 2	17 4	17 26	15 57	17 35	5 59
T 29	8 23	19 30	5 12	2 8	0 2	8 52	1 24	27 18	4 54	1 20	1 9	23 24	0 1	18 47	0 8	6 38	1 55	25 52	13 2	17 5	17 27	15 59	17 35	5 59
W30	8 1	23 3	5 10	1 24	0s 5	8 23	1 24	27 13	4 50	1 25	1 9	23 24	0 0	18 47	0 8	6 38	1 55	25 51	13 2	17 6	17 27	16 2	17 36	5 59
T 31	7n38	25s40	4s54	0n41	0s12	7n54	1n23	27s 7	4s47	1s30	1n 9	23s24	0n 0	18s48	0n 8	6n37	1s55	25n51	13n 2	17s 7	17s28	16s 5	17s36	5n58

Julian Day Number = 1985711.5, Delta T = 57m07s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'28, Lahiri = 6°05'28 Julian Calendar 1 Aug. 724 == Greg. Calendar 5 Aug. 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

SEPTEMBER 724 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 54 12	11♍35'56	14♐53	29♍21	14♍31	18♑19	6♎36	7°R11	24♏ 8	21°R22	24♌ 3	12°D43	11♒23	29♎38	2°R54	F 1
S 2	22 58 8	12°34'46	27°15	0♎52	15°46	18°36	6°49	7♑11	24°10	21♈21	24° 5	12♒44	11°19	29°44	2♑53	S 2
S 3	23 2 5	13°33'39	9♑56	2°21	17° 1	18°54	7° 1	7°10	24°12	21°20	24° 7	12°45	11°16	29°51	2°53	S 3
M 4	23 6 1	14°32'33	23° 0	3°50	18°16	19°12	7°14	7°10	24°13	21°19	24° 9	12°47	11°13	29°58	2°53	M 4
T 5	23 9 58	15°31'29	6♒29	5°17	19°30	19°31	7°26	7° 9	24°15	21°17	24°11	12°R48	11°10	0♏ 4	2°53	T 5
W 6	23 13 54	16°30'27	20°25	6°43	20°45	19°50	7°39	7° 9	24°17	21°16	24°13	12°48	11° 7	0°11	2°D53	W 6
T 7	23 17 51	17°29'26	4♓46	8° 9	22° 0	20°10	7°52	7° 9	24°19	21°15	24°15	12°46	11° 3	0°18	2°53	T 7
F 8	23 21 47	18°28'28	19°27	9°33	23°15	20°30	8° 4	7°D 9	24°21	21°13	24°16	12°43	11° 0	0°25	2°53	F 8
S 9	23 25 44	19°27'32	4♈23	10°57	24°30	20°51	8°17	7° 9	24°23	21°12	24°18	12°38	10°57	0°31	2°53	S 9
S 10	23 29 41	20°26'38	19°24	12°19	25°45	21°13	8°30	7° 9	24°25	21°11	24°20	12°33	10°54	0°38	2°54	S 10
M11	23 33 37	21°25'46	4♉20	13°40	27° 0	21°35	8°42	7° 9	24°27	21° 9	24°22	12°27	10°51	0°45	2°54	M11
T 12	23 37 34	22°24'57	19° 5	15° 0	28°15	21°57	8°55	7°10	24°29	21° 8	24°24	12°22	10°48	0°51	2°54	T 12
W13	23 41 30	23°24'10	3♊31	16°19	29°30	22°20	9° 8	7°10	24°31	21° 6	24°26	12°19	10°44	0°58	2°55	W13
T 14	23 45 27	24°23'25	17°36	17°36	0♎45	22°43	9°21	7°11	24°34	21° 5	24°28	12°17	10°41	1° 5	2°56	T 14
F 15	23 49 23	25°22'43	1♋19	18°53	2° 0	23° 7	9°34	7°11	24°36	21° 4	24°30	12°D17	10°38	1°12	2°56	F 15
S 16	23 53 20	26°22'04	14°41	20° 7	3°15	23°31	9°47	7°12	24°38	21° 2	24°32	12°18	10°35	1°18	2°57	S 16
S 17	23 57 16	27°21'27	27°44	21°21	4°30	23°56	10° 0	7°13	24°41	21° 1	24°33	12°19	10°32	1°25	2°58	S 17
M18	0 1 13	28°20'52	10♌31	22°32	5°45	24°21	10°12	7°14	24°43	20°59	24°35	12°R20	10°28	1°32	2°59	M18
T 19	0 5 10	29°20'19	23° 4	23°42	7° 0	24°47	10°25	7°15	24°45	20°57	24°37	12°20	10°25	1°39	3° 0	T 19
W20	0 9 6	0♎19'49	5♍27	24°50	8°15	25°13	10°38	7°16	24°48	20°56	24°39	12°17	10°22	1°45	3° 1	W20
T 21	0 13 3	1°19'20	17°40	25°56	9°30	25°40	10°51	7°18	24°50	20°54	24°41	12°12	10°19	1°52	3° 2	T 21
F 22	0 16 59	2°18'54	29°46	26°59	10°45	26° 6	11° 4	7°19	24°53	20°53	24°42	12° 4	10°16	1°59	3° 3	F 22
S 23	0 20 56	3°18'30	11♎46	28° 0	12° 0	26°34	11°17	7°20	24°55	20°51	24°44	11°55	10°13	2° 5	3° 5	S 23
S 24	0 24 52	4°18'08	23°41	28°59	13°15	27° 1	11°31	7°22	24°58	20°50	24°46	11°45	10° 9	2°12	3° 6	S 24
M25	0 28 49	5°17'48	5♏34	29°54	14°30	27°29	11°44	7°23	25° 1	20°48	24°47	11°34	10° 6	2°19	3° 7	M25
T 26	0 32 45	6°17'30	17°24	0♏46	15°45	27°57	11°57	7°25	25° 3	20°46	24°49	11°24	10° 3	2°26	3° 9	T 26
W27	0 36 42	7°17'14	29°16	1°35	17° 0	28°26	12°10	7°27	25° 6	20°45	24°51	11°16	10° 0	2°32	3°11	W27
T 28	0 40 38	8°17'00	11♐13	2°20	18°15	28°55	12°23	7°29	25° 9	20°43	24°52	11°10	9°57	2°39	3°12	T 28
F 29	0 44 35	9°16'48	23°18	3° 0	19°30	29°25	12°36	7°31	25°12	20°41	24°54	11° 6	9°54	2°46	3°14	F 29
S 30	0 48 32	10♎16'37	5♑35	3♏35	20♎45	29♑54	12♎49	7♑33	25♏15	20♈40	24♌56	11°D 5	9♒50	2♏52	3♑16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n16	27s 8	4s25	0s 3	0s20	7n24	1n23	27s 1	4s43	1s35	1n 9	23s24	0n 0	18s48	0n 8	6n37	1s55	25n50	13n 2	17s 7	17s29	16s 7	17s37	5n58
S 2	6 53	27 18	3 44	0 46	0 27	6 55	1 22	26 55	4 40	1 40	1 9	23 24	0 0	18 49	0 8	6 36	1 55	25 50	13 2	17 6	17 30	16 10	17 37	5 57
S 3	6 30	26 3	2 50	1 28	0 35	6 25	1 22	26 49	4 36	1 45	1 9	23 24	0 0	18 49	0 8	6 36	1 55	25 49	13 3	17 6	17 31	16 12	17 37	5 57
M 4	6 8	23 22	1 46	2 11	0 42	5 55	1 21	26 43	4 33	1 50	1 9	23 25	0 0	18 49	0 8	6 35	1 55	25 49	13 3	17 6	17 32	16 15	17 38	5 57
T 5	5 45	19 20	0 34	2 52	0 50	5 25	1 20	26 37	4 29	1 55	1 8	23 25	0s 0	18 50	0 8	6 35	1 55	25 48	13 3	17 5	17 33	16 18	17 38	5 56
W 6	5 22	14 8	0n41	3 34	0 57	4 54	1 19	26 30	4 26	2 1	1 8	23 25	0 0	18 50	0 8	6 34	1 55	25 48	13 3	17 5	17 34	16 20	17 39	5 56
T 7	4 59	8 1	1 57	4 15	1 5	4 24	1 19	26 24	4 22	2 6	1 8	23 25	0 0	18 51	0 8	6 34	1 56	25 47	13 3	17 6	17 35	16 23	17 39	5 55
F 8	4 35	1 21	3 6	4 55	1 12	3 53	1 18	26 17	4 19	2 11	1 8	23 25	0 0	18 51	0 8	6 33	1 56	25 47	13 4	17 7	17 35	16 25	17 40	5 55
S 9	4 12	5n29	4 4	5 35	1 20	3 22	1 17	26 11	4 15	2 16	1 8	23 25	0 0	18 52	0 8	6 33	1 56	25 46	13 4	17 8	17 36	16 28	17 40	5 55
S 10	3 49	12 2	4 45	6 14	1 27	2 51	1 16	26 4	4 12	2 21	1 8	23 25	0 0	18 52	0 8	6 32	1 56	25 46	13 4	17 10	17 37	16 30	17 40	5 54
M11	3 25	17 51	5 7	6 52	1 34	2 20	1 15	25 57	4 8	2 26	1 8	23 25	0 1	18 53	0 8	6 31	1 56	25 45	13 4	17 11	17 38	16 33	17 41	5 54
T 12	3 2	22 32	5 8	7 30	1 41	1 49	1 13	25 50	4 5	2 31	1 8	23 25	0 1	18 53	0 8	6 31	1 56	25 45	13 5	17 13	17 39	16 35	17 41	5 53
W13	2 38	25 44	4 49	8 8	1 48	1 18	1 12	25 43	4 1	2 36	1 8	23 25	0 1	18 54	0 8	6 30	1 56	25 44	13 5	17 13	17 40	16 38	17 42	5 53
T 14	2 15	27 13	4 13	8 44	1 55	0 47	1 11	25 35	3 58	2 41	1 8	23 25	0 1	18 55	0 8	6 30	1 56	25 44	13 5	17 14	17 41	16 41	17 42	5 53
F 15	1 51	26 59	3 23	9 20	2 2	0 16	1 10	25 28	3 55	2 47	1 8	23 25	0 1	18 55	0 8	6 29	1 56	25 44	13 5	17 14	17 41	16 43	17 42	5 52
S 16	1 27	25 10	2 24	9 54	2 9	0s15	1 8	25 20	3 51	2 52	1 8	23 25	0 1	18 56	0 8	6 29	1 56	25 43	13 6	17 14	17 42	16 46	17 43	5 52
S 17	1 3	22 2	1 18	10 28	2 15	0 47	1 7	25 13	3 48	2 57	1 8	23 25	0 1	18 56	0 8	6 28	1 56	25 43	13 6	17 13	17 43	16 48	17 43	5 51
M18	0 40	17 53	0 10	11 1	2 22	1 18	1 5	25 5	3 45	3 2	1 8	23 25	0 1	18 57	0 8	6 27	1 56	25 42	13 6	17 13	17 44	16 51	17 43	5 51
T 19	0 16	13 1	0s58	11 33	2 28	1 49	1 4	24 57	3 42	3 7	1 7	23 26	0 1	18 58	0 8	6 27	1 56	25 42	13 7	17 13	17 45	16 53	17 44	5 51
W20	0s 8	7 42	2 1	12 3	2 33	2 20	1 2	24 49	3 38	3 12	1 7	23 26	0 1	18 58	0 8	6 26	1 56	25 42	13 7	17 14	17 46	16 56	17 44	5 50
T 21	0 32	2 10	2 58	12 33	2 39	2 52	1 1	24 41	3 35	3 18	1 7	23 26	0 1	18 59	0 8	6 26	1 56	25 41	13 7	17 15	17 47	16 58	17 45	5 50
F 22	0 56	3s22	3 47	13 1	2 44	3 23	0 59	24 33	3 32	3 23	1 7	23 26	0 1	18 59	0 8	6 25	1 56	25 41	13 7	17 18	17 48	17 1	17 45	5 49
S 23	1 19	8 44	4 24	13 28	2 49	3 54	0 57	24 24	3 29	3 28	1 7	23 26	0 1	19 0	0 8	6 24	1 56	25 41	13 8	17 20	17 48	17 3	17 45	5 49
S 24	1 43	13 45	4 50	13 53	2 53	4 25	0 55	24 16	3 26	3 33	1 7	23 26	0 2	19 1	0 8	6 24	1 56	25 40	13 8	17 23	17 49	17 6	17 46	5 48
M25	2 7	18 13	5 3	14 16	2 57	4 56	0 54	24 7	3 22	3 38	1 7	23 26	0 2	19 1	0 8	6 23	1 56	25 40	13 8	17 26	17 50	17 8	17 46	5 48
T 26	2 31	21 59	5 3	14 38	3 0	5 27	0 52	23 58	3 19	3 43	1 7	23 25	0 2	19 2	0 8	6 22	1 56	25 40	13 9	17 29	17 51	17 11	17 46	5 48
W27	2 55	24 51	4 50	14 58	3 3	5 57	0 50	23 49	3 16	3 49	1 7	23 25	0 2	19 3	0 8	6 22	1 56	25 39	13 9	17 31	17 52	17 13	17 47	5 47
T 28	3 18	26 38	4 24	15 16	3 6	6 28	0 48	23 40	3 13	3 54	1 7	23 25	0 2	19 3	0 8	6 21	1 56	25 39	13 9	17 33	17 53	17 16	17 47	5 47
F 29	3 42	27 12	3 47	15 31	3 7	6 58	0 46	23 31	3 10	3 59	1 7	23 25	0 2	19 4	0 8	6 21	1 56	25 39	13 10	17 34	17 54	17 18	17 48	5 46
S 30	4s 6	26s27	2s58	15s44	3s 8	7s29	0n44	23s22	3s 7	4s 4	1n 7	23s25	0s 2	19s 5	0n 8	6n20	1s56	25n39	13n10	17s34	17s54	17s21	17s48	5n46

Julian Day Number = 1985742.5, Delta T = 57m06s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'32, Lahiri = 6°05'33 Julian Calendar 1 Sept. 724 == Greg. Calendar 5 Sept. 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

OCTOBER 724 C.E.JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s29	24s20	1s59	15s55	3s 8	7s59	0n42	23s12	3s 4	4s 9	1n 7	23s25	0s 2	19s 5	0n 8	6n19	1s56	25n38	13n10	17s34	17s55	17s23	17s48	5n46
M 2	4 53	20 55	0 53	16 2	3 7	8 29	0 40	23 3	3 1	4 14	1 7	23 25	0 2	19 6	0 8	6 19	1 56	25 38	13 11	17 34	17 56	17 25	17 49	5 45
T 3	5 16	16 18	0n18	16 6	3 5	8 59	0 38	22 53	2 58	4 20	1 7	23 25	0 2	19 7	0 8	6 18	1 56	25 38	13 11	17 34	17 57	17 28	17 49	5 45
W 4	5 40	10 42	1 31	16 7	3 2	9 28	0 35	22 43	2 56	4 25	1 7	23 25	0 2	19 8	0 8	6 17	1 56	25 38	13 11	17 34	17 58	17 30	17 49	5 45
T 5	6 3	4 22	2 40	16 3	2 57	9 58	0 33	22 33	2 53	4 30	1 7	23 25	0 2	19 8	0 8	6 17	1 56	25 38	13 12	17 35	17 59	17 33	17 50	5 44
F 6	6 26	2n23	3 40	15 56	2 51	10 27	0 31	22 23	2 50	4 35	1 7	23 25	0 2	19 9	0 8	6 16	1 56	25 37	13 12	17 37	18 0	17 35	17 50	5 44
S 7	6 50	9 8	4 27	15 44	2 44	10 56	0 29	22 13	2 47	4 40	1 7	23 25	0 3	19 10	0 8	6 15	1 56	25 37	13 13	17 39	18 0	17 38	17 50	5 43
S 8	7 13	15 24	4 55	15 28	2 34	11 24	0 26	22 2	2 44	4 45	1 7	23 25	0 3	19 11	0 8	6 15	1 56	25 37	13 13	17 42	18 1	17 40	17 51	5 43
M 9	7 36	20 43	5 2	15 6	2 24	11 53	0 24	21 52	2 41	4 50	1 7	23 25	0 3	19 11	0 8	6 14	1 56	25 37	13 13	17 45	18 2	17 42	17 51	5 43
T 10	7 59	24 36	4 47	14 40	2 11	12 21	0 22	21 41	2 39	4 55	1 7	23 25	0 3	19 12	0 8	6 13	1 56	25 37	13 14	17 47	18 3	17 45	17 51	5 42
W11	8 21	26 44	4 14	14 8	1 57	12 49	0 19	21 30	2 36	5 1	1 7	23 24	0 3	19 13	0 8	6 13	1 56	25 37	13 14	17 49	18 4	17 47	17 51	5 42
T 12	8 44	27 0	3 26	13 32	1 40	13 16	0 17	21 19	2 33	5 6	1 7	23 24	0 3	19 14	0 8	6 12	1 56	25 37	13 15	17 51	18 5	17 50	17 52	5 42
F 13	9 6	25 34	2 27	12 52	1 23	13 43	0 15	21 8	2 31	5 11	1 7	23 24	0 3	19 14	0 8	6 12	1 56	25 37	13 15	17 51	18 5	17 52	17 52	5 41
S 14	9 29	22 41	1 21	12 8	1 4	14 10	0 12	20 57	2 28	5 16	1 7	23 24	0 3	19 15	0 8	6 11	1 56	25 37	13 15	17 51	18 6	17 54	17 52	5 41
S 15	9 51	18 44	0 13	11 21	0 44	14 36	0 10	20 46	2 25	5 21	1 7	23 24	0 3	19 16	0 8	6 10	1 56	25 37	13 16	17 51	18 7	17 57	17 53	5 40
M16	10 13	14 1	0s53	10 33	0 23	15 3	0 7	20 35	2 23	5 26	1 7	23 24	0 3	19 17	0 8	6 10	1 56	25 36	13 16	17 51	18 8	17 59	17 53	5 40
T 17	10 35	8 50	1 56	9 45	0 3	15 28	0 5	20 23	2 20	5 31	1 7	23 24	0 3	19 18	0 8	6 9	1 56	25 36	13 17	17 52	18 9	18 2	17 53	5 40
W18	10 57	3 24	2 52	8 58	0n18	15 54	0 2	20 11	2 18	5 36	1 7	23 23	0 3	19 18	0 8	6 8	1 56	25 36	13 17	17 53	18 10	18 4	17 53	5 39
T 19	11 19	2s 4	3 40	8 14	0 38	16 18	0s 0	20 0	2 15	5 41	1 7	23 23	0 3	19 19	0 8	6 8	1 56	25 36	13 17	17 55	18 11	18 6	17 54	5 39
F 20	11 40	7 25	4 18	7 34	0 56	16 43	0 3	19 48	2 13	5 46	1 7	23 23	0 4	19 20	0 8	6 7	1 56	25 36	13 18	17 58	18 11	18 9	17 54	5 39
S 21	12 1	12 29	4 44	6 59	1 13	17 7	0 5	19 36	2 10	5 51	1 7	23 23	0 4	19 21	0 8	6 7	1 56	25 36	13 18	18 2	18 12	18 11	17 54	5 38
S 22	12 22	17 4	4 57	6 29	1 28	17 31	0 8	19 23	2 8	5 56	1 7	23 23	0 4	19 22	0 8	6 6	1 56	25 36	13 19	18 5	18 13	18 13	17 54	5 38
M23	12 43	21 0	4 58	6 5	1 42	17 54	0 10	19 11	2 5	6 1	1 7	23 22	0 4	19 22	0 8	6 5	1 56	25 37	13 19	18 10	18 14	18 16	17 55	5 38
T 24	13 4	24 4	4 45	5 48	1 53	18 16	0 13	18 59	2 3	6 6	1 7	23 22	0 4	19 23	0 8	6 5	1 56	25 37	13 20	18 13	18 15	18 18	17 55	5 37
W25	13 24	26 6	4 21	5 36	2 3	18 39	0 15	18 46	2 1	6 11	1 7	23 22	0 4	19 24	0 8	6 4	1 56	25 37	13 20	18 17	18 16	18 20	17 55	5 37
T 26	13 44	26 58	3 44	5 31	2 10	19 0	0 18	18 33	1 58	6 15	1 7	23 22	0 4	19 25	0 8	6 4	1 56	25 37	13 21	18 19	18 16	18 23	17 55	5 37
F 27	14 4	26 32	2 57	5 31	2 16	19 22	0 20	18 21	1 56	6 20	1 7	23 22	0 4	19 26	0 8	6 3	1 56	25 37	13 21	18 21	18 17	18 25	17 55	5 37
S 28	14 24	24 48	2 1	5 36	2 21	19 42	0 23	18 8	1 54	6 25	1 7	23 21	0 4	19 27	0 8	6 2	1 56	25 37	13 21	18 22	18 18	18 27	17 56	5 36
S 29	14 44	21 50	0 58	5 46	2 23	20 2	0 25	17 55	1 52	6 30	1 7	23 21	0 4	19 27	0 8	6 2	1 56	25 37	13 22	18 22	18 19	18 30	17 56	5 36
M30	15 3	17 43	0n10	6 0	2 25	20 22	0 28	17 42	1 49	6 35	1 7	23 21	0 4	19 28	0 8	6 1	1 56	25 37	13 22	18 22	18 20	18 32	17 56	5 36
T 31	15s22	12s39	1n19	6s18	2n25	20s41	0s30	17s28	1s47	6s40	1n 7	23s21	0s 4	19s29	0n 8	6n 1	1s56	25n37	13n23	18s22	18s21	18s34	17s56	5n35

Julian Day Number = 1985772.5, Delta T = 57m06s
Ecliptic obliquity = 23°36'21, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'36, Lahiri = 6°05'37 Julian Calendar 1 Oct. 724 == Greg. Calendar 5 Oct. 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

NOVEMBER 724 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 54 41	12♏27'15	6♓52	22♎41	0♐46	17♒51	19♎45	9♑28	26♏59	19°R47	25♌34	8°R 4	8♒ 9	6♏28	4♑50	W 1
T 2	2 58 38	13°28'01	21° 2	23°41	2° 1	18°28	19°57	9°33	27° 3	19♈45	25°34	8♒ 0	8° 5	6°34	4°54	T 2
F 3	3 2 34	14°28'48	5♈40	24°46	3°16	19° 4	20°10	9°38	27° 7	19°44	25°35	7°53	8° 2	6°41	4°58	F 3
S 4	3 6 31	15°29'36	20°42	25°55	4°31	19°41	20°22	9°43	27°10	19°42	25°36	7°44	7°59	6°48	5° 2	S 4
S 5	3 10 28	16°30'25	6♉ 0	27° 7	5°46	20°18	20°35	9°48	27°14	19°41	25°36	7°33	7°56	6°55	5° 6	S 5
M 6	3 14 24	17°31'16	21°21	28°22	7° 1	20°55	20°47	9°53	27°17	19°39	25°37	7°22	7°53	7° 1	5°10	M 6
T 7	3 18 21	18°32'08	6♊36	29°40	8°16	21°33	21° 0	9°59	27°21	19°38	25°38	7°11	7°50	7° 8	5°15	T 7
W 8	3 22 17	19°33'01	21°32	1♏ 0	9°30	22°10	21°12	10° 4	27°25	19°37	25°38	7° 3	7°46	7°15	5°19	W 8
T 9	3 26 14	20°33'56	6♋ 3	2°21	10°45	22°47	21°24	10° 9	27°28	19°35	25°39	6°57	7°43	7°21	5°23	T 9
F 10	3 30 10	21°34'51	20° 4	3°45	12° 0	23°25	21°37	10°15	27°32	19°34	25°39	6°53	7°40	7°28	5°27	F 10
S 11	3 34 7	22°35'49	3♌34	5°10	13°15	24° 2	21°49	10°20	27°36	19°32	25°40	6°D52	7°37	7°35	5°32	S 11
S 12	3 38 3	23°36'47	16°38	6°36	14°30	24°40	22° 1	10°26	27°39	19°31	25°40	6°53	7°34	7°42	5°36	S 12
M13	3 42 0	24°37'47	29°18	8° 3	15°45	25°18	22°13	10°31	27°43	19°30	25°40	6°R53	7°31	7°48	5°41	M13
T 14	3 45 57	25°38'48	11♍39	9°31	17° 0	25°56	22°25	10°37	27°47	19°29	25°41	6°51	7°27	7°55	5°45	T 14
W15	3 49 53	26°39'50	23°46	10°59	18°15	26°33	22°37	10°43	27°50	19°27	25°41	6°48	7°24	8° 2	5°50	W15
T 16	3 53 50	27°40'53	5♎44	12°28	19°30	27°11	22°49	10°49	27°54	19°26	25°41	6°42	7°21	8° 9	5°54	T 16
F 17	3 57 46	28°41'57	17°37	13°58	20°44	27°50	23° 1	10°54	27°58	19°25	25°42	6°33	7°18	8°15	5°59	F 17
S 18	4 1 43	29°43'03	29°28	15°28	21°59	28°28	23°13	11° 0	28° 1	19°24	25°42	6°21	7°15	8°22	6° 4	S 18
S 19	4 5 39	0♐44'09	11♏20	16°59	23°14	29° 6	23°25	11° 6	28° 5	19°22	25°42	6° 9	7°11	8°29	6° 8	S 19
M20	4 9 36	1°45'17	23°14	18°29	24°29	29°44	23°36	11°12	28° 9	19°21	25°42	5°55	7° 8	8°35	6°13	M20
T 21	4 13 32	2°46'25	5♐12	20° 1	25°44	0♓23	23°48	11°18	28°12	19°20	25°42	5°43	7° 5	8°42	6°18	T 21
W22	4 17 29	3°47'33	17°15	21°32	26°59	1° 1	23°59	11°24	28°16	19°19	25°42	5°32	7° 2	8°49	6°23	W22
T 23	4 21 26	4°48'43	29°24	23° 4	28°13	1°40	24°11	11°31	28°20	19°18	25°42	5°23	6°59	8°56	6°27	T 23
F 24	4 25 22	5°49'53	11♑41	24°36	29°28	2°19	24°22	11°37	28°23	19°17	25°R42	5°18	6°56	9° 2	6°32	F 24
S 25	4 29 19	6°51'03	24° 7	26° 8	0♑43	2°57	24°34	11°43	28°27	19°16	25°42	5°15	6°52	9° 9	6°37	S 25
S 26	4 33 15	7°52'14	6♒45	27°40	1°58	3°36	24°45	11°49	28°31	19°15	25°42	5°D14	6°49	9°16	6°42	S 26
M27	4 37 12	8°53'25	19°39	29°12	3°12	4°15	24°56	11°56	28°34	19°14	25°42	5°15	6°46	9°22	6°47	M27
T 28	4 41 8	9°54'36	2♓51	0♐45	4°27	4°54	25° 7	12° 2	28°38	19°13	25°42	5°16	6°43	9°29	6°52	T 28
W29	4 45 5	10°55'47	16°24	2°18	5°42	5°33	25°18	12° 8	28°42	19°12	25°42	5°R16	6°40	9°36	6°57	W29
T 30	4 49 2	11♐56'58	0♈21	3♐51	6♑57	6♓12	25♎29	12♑15	28♏45	19♈11	25♌42	5♒14	6♒37	9♏43	7♑ 2	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s41	6s48	2n26	6s39	2n24	20s59	0s33	17s15	1s45	6s44	1n 7	23s20	0s 4	19s30	0n 8	6n 0	1s56	25n38	13n23	18s23	18s21	18s37	17s56	5n35
T 2	15 59	0 26	3 26	7 3	2 23	21 17	0 35	17 1	1 43	6 49	1 7	23 20	0 4	19 31	0 8	6 0	1 56	25 38	13 24	18 24	18 22	18 39	17 56	5 35
F 3	16 18	6n10	4 15	7 29	2 20	21 34	0 38	16 48	1 40	6 54	1 7	23 20	0 5	19 32	0 8	5 59	1 56	25 38	13 24	18 25	18 23	18 41	17 56	5 35
S 4	16 36	12 34	4 47	7 57	2 17	21 51	0 40	16 34	1 38	6 59	1 7	23 19	0 5	19 32	0 8	5 58	1 56	25 38	13 25	18 28	18 24	18 44	17 57	5 34
S 5	16 53	18 19	5 0	8 27	2 13	22 7	0 42	16 20	1 36	7 3	1 7	23 19	0 5	19 33	0 8	5 58	1 56	25 38	13 25	18 31	18 25	18 46	17 57	5 34
M 6	17 11	22 54	4 51	8 58	2 8	22 22	0 45	16 6	1 34	7 8	1 7	23 19	0 5	19 34	0 8	5 57	1 56	25 39	13 26	18 34	18 26	18 48	17 57	5 34
T 7	17 28	25 52	4 22	9 30	2 3	22 37	0 47	15 52	1 32	7 13	1 7	23 18	0 5	19 35	0 7	5 57	1 56	25 39	13 26	18 36	18 26	18 50	17 57	5 33
W 8	17 44	26 55	3 35	10 3	1 58	22 51	0 50	15 38	1 30	7 17	1 7	23 18	0 5	19 36	0 7	5 56	1 56	25 39	13 27	18 38	18 27	18 53	17 57	5 33
T 9	18 1	26 3	2 35	10 37	1 52	23 4	0 52	15 24	1 28	7 22	1 8	23 18	0 5	19 37	0 7	5 56	1 56	25 39	13 27	18 40	18 28	18 55	17 57	5 33
F 10	18 17	23 33	1 28	11 11	1 46	23 17	0 54	15 10	1 26	7 26	1 8	23 17	0 5	19 38	0 7	5 55	1 56	25 40	13 28	18 41	18 29	18 57	17 57	5 33
S 11	18 33	19 46	0 17	11 46	1 40	23 29	0 56	14 55	1 24	7 31	1 8	23 17	0 5	19 38	0 7	5 55	1 56	25 40	13 28	18 41	18 30	18 59	17 57	5 32
S 12	18 48	15 9	0s52	12 20	1 33	23 40	0 59	14 41	1 22	7 35	1 8	23 17	0 5	19 39	0 7	5 54	1 56	25 40	13 29	18 41	18 30	19 2	17 57	5 32
M13	19 3	9 59	1 56	12 55	1 27	23 51	1 1	14 26	1 20	7 40	1 8	23 16	0 5	19 40	0 7	5 54	1 56	25 40	13 29	18 41	18 31	19 4	17 57	5 32
T 14	19 18	4 35	2 53	13 30	1 20	24 0	1 3	14 11	1 18	7 44	1 8	23 16	0 5	19 41	0 7	5 54	1 55	25 41	13 30	18 41	18 32	19 6	17 57	5 32
W15	19 33	0s54	3 42	14 4	1 13	24 10	1 5	13 57	1 16	7 49	1 8	23 16	0 5	19 42	0 7	5 53	1 55	25 41	13 30	18 42	18 33	19 8	17 57	5 32
T 16	19 47	6 16	4 19	14 38	1 6	24 18	1 7	13 42	1 14	7 53	1 8	23 15	0 5	19 43	0 7	5 53	1 55	25 41	13 30	18 44	18 34	19 11	17 57	5 31
F 17	20 0	11 21	4 46	15 12	0 59	24 26	1 9	13 27	1 13	7 57	1 8	23 15	0 6	19 43	0 7	5 52	1 55	25 42	13 31	18 46	18 35	19 13	17 57	5 31
S 18	20 14	16 1	5 0	15 46	0 52	24 33	1 11	13 12	1 11	8 2	1 8	23 14	0 6	19 44	0 7	5 52	1 55	25 42	13 31	18 49	18 35	19 15	17 57	5 31
S 19	20 27	20 5	5 0	16 19	0 45	24 39	1 13	12 57	1 9	8 6	1 8	23 14	0 6	19 45	0 7	5 51	1 55	25 43	13 32	18 52	18 36	19 17	17 57	5 31
M20	20 39	23 21	4 48	16 51	0 37	24 44	1 15	12 41	1 7	8 10	1 8	23 13	0 6	19 46	0 7	5 51	1 55	25 43	13 32	18 55	18 37	19 19	17 57	5 31
T 21	20 52	25 38	4 23	17 23	0 30	24 49	1 17	12 26	1 5	8 14	1 8	23 13	0 6	19 47	0 7	5 51	1 55	25 43	13 33	18 58	18 38	19 22	17 57	5 30
W22	21 3	26 45	3 47	17 54	0 23	24 53	1 19	12 11	1 4	8 19	1 8	23 13	0 6	19 48	0 7	5 50	1 55	25 44	13 33	19 1	18 39	19 24	17 57	5 30
T 23	21 15	26 35	2 59	18 25	0 16	24 56	1 20	11 55	1 2	8 23	1 9	23 12	0 6	19 48	0 7	5 50	1 55	25 44	13 34	19 3	18 39	19 26	17 57	5 30
F 24	21 26	25 7	2 2	18 54	0 9	24 58	1 22	11 39	1 0	8 27	1 9	23 12	0 6	19 49	0 7	5 49	1 55	25 45	13 34	19 5	18 40	19 28	17 57	5 30
S 25	21 36	22 24	0 59	19 23	0 2	25 0	1 24	11 24	0 58	8 31	1 9	23 11	0 6	19 50	0 7	5 49	1 55	25 45	13 35	19 5	18 41	19 30	17 57	5 30
S 26	21 46	18 35	0n 8	19 51	0s 5	25 1	1 25	11 8	0 57	8 35	1 9	23 11	0 6	19 51	0 7	5 49	1 55	25 46	13 35	19 5	18 42	19 33	17 57	5 30
M27	21 56	13 49	1 16	20 19	0 12	25 1	1 27	10 52	0 55	8 39	1 9	23 10	0 6	19 52	0 7	5 48	1 55	25 46	13 36	19 5	18 43	19 35	17 57	5 30
T 28	22 5	8 19	2 22	20 45	0 19	25 0	1 28	10 37	0 53	8 43	1 9	23 10	0 6	19 52	0 7	5 48	1 55	25 47	13 36	19 5	18 43	19 37	17 57	5 29
W29	22 14	2 18	3 22	21 11	0 25	24 58	1 30	10 21	0 52	8 47	1 9	23 9	0 6	19 53	0 7	5 48	1 55	25 47	13 37	19 5	18 44	19 39	17 56	5 29
T 30	22s23	3n59	4n12	21s35	0s32	24s56	1s31	10s 5	0s50	8s51	1n 9	23s 9	0s 6	19s54	0n 7	5n48	1s55	25n48	13n37	19s 5	18s45	19s41	17s56	5n29

Julian Day Number = 1985803.5, Delta T = 57m05s
Ecliptic obliquity = 23°36'20, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'40, Lahiri = 6°05'41 Julian Calendar 1 Nov. 724 == Greg. Calendar 5 Nov. 724

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ASTRODIENST EPHEMERIS for the year 724
geocentric

DECEMBER 724 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 52 58	12♐58'09	14♈41	5♐24	8♑11	6♓51	25♎40	12♑21	28♏49	19°R10	25°R42	5°R10	6♒33	9♏49	7♑ 7	F 1
S 2	4 56 55	13°59'20	29°23	6°58	9°26	7°30	25°51	12°28	28°52	19♈ 9	25♌41	5♒ 4	6°30	9°56	7°12	S 2
S 3	5 0 51	15° 0'32	14♉21	8°31	10°41	8° 9	26° 2	12°34	28°56	19° 9	25°41	4°57	6°27	10° 3	7°17	S 3
M 4	5 4 48	16° 1'43	29°27	10° 5	11°55	8°48	26°12	12°41	29° 0	19° 8	25°41	4°49	6°24	10°10	7°23	M 4
T 5	5 8 44	17° 2'55	14♊31	11°40	13°10	9°27	26°23	12°48	29° 3	19° 7	25°41	4°41	6°21	10°16	7°28	T 5
W 6	5 12 41	18° 4'07	29°23	13°14	14°24	10° 7	26°33	12°54	29° 7	19° 6	25°40	4°35	6°17	10°23	7°33	W 6
T 7	5 16 37	19° 5'19	13♋55	14°49	15°39	10°46	26°43	13° 1	29°10	19° 6	25°40	4°31	6°14	10°30	7°38	T 7
F 8	5 20 34	20° 6'31	28° 2	16°24	16°53	11°25	26°54	13° 8	29°14	19° 5	25°39	4°D30	6°11	10°36	7°43	F 8
S 9	5 24 31	21° 7'43	11♌41	17°59	18° 8	12° 5	27° 4	13°15	29°17	19° 4	25°39	4°30	6° 8	10°43	7°49	S 9
S 10	5 28 27	22° 8'56	24°53	19°35	19°22	12°44	27°14	13°21	29°21	19° 4	25°38	4°31	6° 5	10°50	7°54	S 10
M11	5 32 24	23°10'08	7♍39	21°11	20°37	13°24	27°24	13°28	29°24	19° 3	25°38	4°32	6° 2	10°57	7°59	M11
T 12	5 36 20	24°11'21	20° 6	22°47	21°51	14° 3	27°34	13°35	29°28	19° 3	25°37	4°R33	5°58	11° 3	8° 4	T 12
W13	5 40 17	25°12'34	2♎16	24°24	23° 6	14°42	27°43	13°42	29°31	19° 2	25°37	4°33	5°55	11°10	8°10	W13
T 14	5 44 13	26°13'47	14°15	26° 1	24°20	15°22	27°53	13°49	29°34	19° 2	25°36	4°31	5°52	11°17	8°15	T 14
F 15	5 48 10	27°15'01	26° 8	27°39	25°34	16° 2	28° 3	13°56	29°38	19° 1	25°36	4°28	5°49	11°24	8°20	F 15
S 16	5 52 6	28°16'14	7♏59	29°17	26°49	16°41	28°12	14° 3	29°41	19° 1	25°35	4°22	5°46	11°30	8°26	S 16
S 17	5 56 3	29°17'27	19°51	0♑55	28° 3	17°21	28°21	14°10	29°44	19° 1	25°34	4°16	5°43	11°37	8°31	S 17
M18	6 0 0	0♑18'40	1♐48	2°34	29°17	18° 0	28°31	14°17	29°48	19° 0	25°34	4° 9	5°39	11°44	8°36	M18
T 19	6 3 56	1°19'53	13°53	4°13	0♒32	18°40	28°40	14°24	29°51	19° 0	25°33	4° 3	5°36	11°50	8°42	T 19
W20	6 7 53	2°21'06	26° 5	5°53	1°46	19°20	28°49	14°31	29°54	19° 0	25°32	3°58	5°33	11°57	8°47	W20
T 21	6 11 49	3°22'18	8♑28	7°33	3° 0	19°59	28°58	14°38	29°57	19° 0	25°31	3°53	5°30	12° 4	8°53	T 21
F 22	6 15 46	4°23'30	21° 1	9°14	4°14	20°39	29° 6	14°45	0♐ 1	19° 0	25°30	3°51	5°27	12°11	8°58	F 22
S 23	6 19 42	5°24'41	3♒45	10°55	5°28	21°19	29°15	14°52	0° 4	18°59	25°29	3°D50	5°23	12°17	9° 3	S 23
S 24	6 23 39	6°25'51	16°41	12°36	6°42	21°59	29°23	14°59	0° 7	18°59	25°29	3°51	5°20	12°24	9° 9	S 24
M25	6 27 36	7°27'00	29°50	14°18	7°56	22°39	29°32	15° 6	0°10	18°59	25°28	3°52	5°17	12°31	9°14	M25
T 26	6 31 32	8°28'09	13♓13	16° 0	9°10	23°18	29°40	15°13	0°13	18°59	25°27	3°54	5°14	12°38	9°20	T 26
W27	6 35 29	9°29'17	26°50	17°42	10°24	23°58	29°48	15°20	0°16	18°D59	25°26	3°55	5°11	12°44	9°25	W27
T 28	6 39 25	10°30'23	10♈43	19°24	11°38	24°38	29°56	15°27	0°19	18°59	25°25	3°R56	5° 8	12°51	9°30	T 28
F 29	6 43 22	11°31'29	24°51	21° 7	12°52	25°18	0♏ 4	15°34	0°22	18°59	25°24	3°55	5° 4	12°58	9°36	F 29
S 30	6 47 18	12°32'34	9♉13	22°50	14° 6	25°58	0°12	15°41	0°25	18°59	25°23	3°54	5° 1	13° 4	9°41	S 30
S 31	6 51 15	13♑33'37	23♉45	24♑33	15♒20	26♓38	0♏19	15♑49	0♐28	19♈ 0	25♌22	3♒51	4♒58	13♏11	9♑46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s31	10n14	4n47	21s59	0s38	24s53	1s32	9s49	0s49	8s55	1n 9	23s 8	0s 6	19s55	0n 7	5n47	1s55	25n48	13n38	19s 6	18s46	19s43	17s56	5n29	F 1
S 2	22 38	16 4	5 5	22 21	0 44	24 49	1 34	9 32	0 47	8 59	1 9	23 8	0 7	19 56	0 7	5 47	1 55	25 49	13 38	19 8	18 47	19 45	17 56	5 29	S 2
S 3	22 45	21 4	5 2	22 42	0 50	24 45	1 35	9 16	0 45	9 3	1 9	23 7	0 7	19 56	0 7	5 47	1 55	25 49	13 39	19 10	18 47	19 48	17 56	5 29	S 3
M 4	22 52	24 42	4 39	23 3	0 56	24 40	1 36	9 0	0 44	9 6	1 10	23 6	0 7	19 57	0 7	5 47	1 55	25 50	13 39	19 12	18 48	19 50	17 56	5 29	M 4
T 5	22 58	26 36	3 56	23 22	1 2	24 33	1 37	8 44	0 42	9 10	1 10	23 6	0 7	19 58	0 7	5 46	1 54	25 50	13 40	19 13	18 49	19 52	17 56	5 29	T 5
W 6	23 4	26 34	2 58	23 40	1 8	24 27	1 38	8 28	0 41	9 14	1 10	23 5	0 7	19 59	0 7	5 46	1 54	25 51	13 40	19 15	18 50	19 54	17 55	5 28	W 6
T 7	23 9	24 41	1 49	23 57	1 13	24 19	1 39	8 11	0 39	9 17	1 10	23 5	0 7	20 0	0 7	5 46	1 54	25 51	13 41	19 16	18 51	19 56	17 55	5 28	T 7
F 8	23 14	21 16	0 35	24 12	1 18	24 11	1 40	7 55	0 38	9 21	1 10	23 4	0 7	20 0	0 7	5 46	1 54	25 52	13 41	19 16	18 51	19 58	17 55	5 28	F 8
S 9	23 18	16 47	0s39	24 26	1 23	24 2	1 41	7 38	0 36	9 24	1 10	23 3	0 7	20 1	0 7	5 46	1 54	25 52	13 41	19 16	18 52	20 0	17 55	5 28	S 9
S 10	23 22	11 37	1 48	24 39	1 28	23 52	1 41	7 22	0 35	9 28	1 10	23 3	0 7	20 2	0 7	5 45	1 54	25 53	13 42	19 16	18 53	20 2	17 54	5 28	S 10
M11	23 26	6 8	2 50	24 51	1 33	23 41	1 42	7 5	0 34	9 31	1 10	23 2	0 7	20 3	0 7	5 45	1 54	25 54	13 42	19 16	18 54	20 4	17 54	5 28	M11
T 12	23 29	0 33	3 42	25 1	1 37	23 30	1 42	6 49	0 32	9 35	1 11	23 2	0 7	20 3	0 7	5 45	1 54	25 54	13 43	19 15	18 55	20 7	17 54	5 28	T 12
W13	23 31	4s55	4 23	25 10	1 41	23 18	1 43	6 32	0 31	9 38	1 11	23 1	0 7	20 4	0 7	5 45	1 54	25 55	13 43	19 15	18 55	20 9	17 54	5 28	W13
T 14	23 33	10 7	4 51	25 17	1 45	23 6	1 43	6 15	0 29	9 42	1 11	23 0	0 7	20 5	0 7	5 45	1 54	25 56	13 44	19 16	18 56	20 11	17 53	5 28	T 14
F 15	23 35	14 55	5 7	25 23	1 48	22 52	1 44	5 59	0 28	9 45	1 11	23 0	0 7	20 6	0 7	5 45	1 54	25 56	13 44	19 17	18 57	20 13	17 53	5 28	F 15
S 16	23 36	19 8	5 10	25 28	1 51	22 38	1 44	5 42	0 27	9 48	1 11	22 59	0 8	20 6	0 7	5 45	1 54	25 57	13 45	19 18	18 58	20 15	17 53	5 28	S 16
S 17	23 36	22 37	4 59	25 31	1 54	22 24	1 44	5 25	0 25	9 51	1 11	22 58	0 8	20 7	0 7	5 45	1 54	25 57	13 45	19 19	18 58	20 17	17 53	5 28	S 17
M18	23 36	25 9	4 35	25 32	1 57	22 8	1 44	5 8	0 24	9 55	1 11	22 58	0 8	20 8	0 7	5 45	1 54	25 58	13 45	19 21	18 59	20 19	17 52	5 28	M18
T 19	23 36	26 35	3 59	25 31	1 59	21 53	1 44	4 52	0 23	9 58	1 11	22 57	0 8	20 9	0 7	5 44	1 54	25 59	13 46	19 23	19 0	20 21	17 52	5 28	T 19
W20	23 35	26 44	3 12	25 29	2 1	21 36	1 44	4 35	0 21	10 1	1 12	22 56	0 8	20 9	0 7	5 44	1 54	25 59	13 46	19 24	19 1	20 23	17 52	5 28	W20
T 21	23 34	25 34	2 14	25 26	2 3	21 19	1 44	4 18	0 20	10 4	1 12	22 56	0 8	20 10	0 7	5 44	1 54	26 0	13 47	19 25	19 2	20 25	17 51	5 28	T 21
F 22	23 32	23 6	1 10	25 20	2 4	21 1	1 44	4 1	0 19	10 7	1 12	22 55	0 8	20 11	0 7	5 44	1 53	26 1	13 47	19 25	19 2	20 27	17 51	5 28	F 22
S 23	23 30	19 27	0 0	25 13	2 5	20 43	1 44	3 44	0 18	10 10	1 12	22 54	0 8	20 11	0 7	5 44	1 53	26 1	13 47	19 26	19 3	20 29	17 50	5 28	S 23
S 24	23 27	14 50	1n10	25 5	2 5	20 24	1 43	3 27	0 16	10 13	1 12	22 53	0 8	20 12	0 7	5 44	1 53	26 2	13 48	19 25	19 4	20 31	17 50	5 28	S 24
M25	23 24	9 27	2 18	24 54	2 5	20 4	1 43	3 10	0 15	10 15	1 12	22 53	0 8	20 13	0 7	5 44	1 53	26 3	13 48	19 25	19 5	20 33	17 50	5 28	M25
T 26	23 20	3 34	3 20	24 42	2 4	19 44	1 42	2 53	0 14	10 18	1 12	22 52	0 8	20 13	0 7	5 45	1 53	26 4	13 49	19 25	19 6	20 35	17 49	5 28	T 26
W27	23 16	2n34	4 11	24 28	2 3	19 23	1 42	2 36	0 13	10 21	1 13	22 51	0 8	20 14	0 7	5 45	1 53	26 4	13 49	19 24	19 6	20 37	17 49	5 28	W27
T 28	23 11	8 42	4 49	24 12	2 1	19 2	1 41	2 19	0 12	10 24	1 13	22 51	0 8	20 15	0 7	5 45	1 53	26 5	13 49	19 24	19 7	20 39	17 48	5 28	T 28
F 29	23 6	14 30	5 11	23 54	1 59	18 40	1 40	2 2	0 10	10 26	1 13	22 50	0 8	20 15	0 7	5 45	1 53	26 6	13 50	19 24	19 8	20 41	17 48	5 28	F 29
S 30	23 1	19 36	5 13	23 34	1 57	18 18	1 40	1 45	0 9	10 29	1 13	22 49	0 9	20 16	0 7	5 45	1 53	26 6	13 50	19 25	19 9	20 43	17 48	5 28	S 30
S 31	22s55	23n37	4n56	23s13	1s53	17s55	1s39	1s28	0s 8	10s31	1n13	22s48	0s 9	20s16	0n 7	5n45	1s53	26n 7	13n51	19s25	19s 9	20s45	17s47	5n28	S 31

Julian Day Number = 1985833.5, Delta T = 57m04s
Ecliptic obliquity = 23°36'20, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'45, Lahiri = 6°05'45 Julian Calendar 1 Dec. 724 == Greg. Calendar 5 Dec. 724

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ASTRODIENST EPHEMERIS for the year 725
geocentric

JANUARY 725 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 55 11	14♑34'40	8♊22	26♑15	16♒34	27♓17	0♏27	15♑56	0♐31	19♈ 0	25°R21	3°R49	4♒55	13♏18	9♑52	M 1
T 2	6 59 8	15°35'41	23° 0	27°57	17°47	27°57	0°34	16° 3	0°34	19° 0	25♌20	3♒46	4°52	13°25	9°57	T 2
W 3	7 3 5	16°36'42	7♋30	29°39	19° 1	28°37	0°41	16°10	0°37	19° 0	25°18	3°44	4°49	13°31	10° 3	W 3
T 4	7 7 1	17°37'41	21°47	1♒19	20°14	29°17	0°48	16°17	0°40	19° 0	25°17	3°43	4°45	13°38	10° 8	T 4
F 5	7 10 58	18°38'40	5♌45	2°59	21°28	29°57	0°55	16°24	0°42	19° 1	25°16	3°D42	4°42	13°45	10°13	F 5
S 6	7 14 54	19°39'37	19°22	4°37	22°41	0♈37	1° 2	16°31	0°45	19° 1	25°15	3°43	4°39	13°51	10°19	S 6
S 7	7 18 51	20°40'34	2♍35	6°14	23°55	1°17	1° 9	16°39	0°48	19° 2	25°14	3°44	4°36	13°58	10°24	S 7
M 8	7 22 47	21°41'29	15°27	7°48	25° 8	1°57	1°15	16°46	0°50	19° 2	25°12	3°45	4°33	14° 5	10°29	M 8
T 9	7 26 44	22°42'24	27°58	9°20	26°22	2°37	1°21	16°53	0°53	19° 2	25°11	3°46	4°29	14°12	10°35	T 9
W10	7 30 40	23°43'18	10♎13	10°49	27°35	3°17	1°28	17° 0	0°56	19° 3	25°10	3°47	4°26	14°18	10°40	W10
T 11	7 34 37	24°44'10	22°16	12°14	28°48	3°56	1°34	17° 7	0°58	19° 3	25° 9	3°R47	4°23	14°25	10°45	T 11
F 12	7 38 34	25°45'02	4♏11	13°34	0♓ 1	4°36	1°39	17°14	1° 1	19° 4	25° 7	3°47	4°20	14°32	10°50	F 12
S 13	7 42 30	26°45'53	16° 2	14°49	1°14	5°16	1°45	17°21	1° 3	19° 5	25° 6	3°47	4°17	14°39	10°56	S 13
S 14	7 46 27	27°46'43	27°56	15°59	2°27	5°56	1°51	17°28	1° 6	19° 5	25° 5	3°46	4°14	14°45	11° 1	S 14
M15	7 50 23	28°47'32	9♐55	17° 1	3°40	6°36	1°56	17°35	1° 8	19° 6	25° 3	3°45	4°10	14°52	11° 6	M15
T 16	7 54 20	29°48'20	22° 4	17°57	4°53	7°16	2° 1	17°42	1°10	19° 7	25° 2	3°45	4° 7	14°59	11°11	T 16
W17	7 58 16	0♒49'07	4♑25	18°44	6° 6	7°56	2° 6	17°49	1°13	19° 7	25° 1	3°44	4° 4	15° 5	11°16	W17
T 18	8 2 13	1°49'52	17° 1	19°23	7°19	8°36	2°11	17°56	1°15	19° 8	24°59	3°44	4° 1	15°12	11°21	T 18
F 19	8 6 9	2°50'36	29°52	19°52	8°32	9°16	2°16	18° 3	1°17	19° 9	24°58	3°D44	3°58	15°19	11°27	F 19
S 20	8 10 6	3°51'18	12♒58	20°10	9°44	9°56	2°21	18°10	1°19	19°10	24°56	3°R44	3°55	15°26	11°32	S 20
S 21	8 14 3	4°51'59	26°19	20°R19	10°57	10°35	2°25	18°17	1°21	19°10	24°55	3°44	3°51	15°32	11°37	S 21
M22	8 17 59	5°52'39	9♓53	20°17	12° 9	11°15	2°29	18°24	1°24	19°11	24°53	3°44	3°48	15°39	11°42	M22
T 23	8 21 56	6°53'16	23°40	20° 4	13°22	11°55	2°33	18°31	1°26	19°12	24°52	3°44	3°45	15°46	11°47	T 23
W24	8 25 52	7°53'52	7♈36	19°42	14°34	12°35	2°37	18°38	1°28	19°13	24°50	3°43	3°42	15°52	11°52	W24
T 25	8 29 49	8°54'26	21°39	19° 9	15°46	13°15	2°41	18°45	1°29	19°14	24°49	3°43	3°39	15°59	11°57	T 25
F 26	8 33 45	9°54'58	5♉48	18°28	16°58	13°55	2°44	18°52	1°31	19°15	24°47	3°D42	3°35	16° 6	12° 2	F 26
S 27	8 37 42	10°55'28	20° 0	17°38	18°10	14°35	2°48	18°58	1°33	19°16	24°46	3°43	3°32	16°13	12° 6	S 27
S 28	8 41 38	11°55'56	4♊13	16°42	19°22	15°15	2°51	19° 5	1°35	19°17	24°44	3°43	3°29	16°19	12°11	S 28
M29	8 45 35	12°56'22	18°24	15°41	20°34	15°54	2°54	19°12	1°37	19°19	24°43	3°44	3°26	16°26	12°16	M29
T 30	8 49 32	13°56'47	2♋31	14°37	21°46	16°34	2°57	19°19	1°38	19°20	24°41	3°45	3°23	16°33	12°21	T 30
W31	8 53 28	14♒57'09	16♋31	13♒31	22♓58	17♈14	2♏59	19♑25	1♐40	19♈21	24♌40	3♒45	3♒20	16♏40	12♑26	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s48	26n 7	4n19	22s50	1s49	17s32	1s38	1s11	0s 7	10s34	1n13	22s47	0s 9	20s17	0n 7	5n45	1s53	26n 8	13n51	19s26	19s10	20s47	17s47	5n28
T 2	22 41	26 51	3 26	22 25	1 44	17 8	1 37	0 54	0 6	10 36	1 14	22 47	0 9	20 18	0 7	5 45	1 53	26 9	13 51	19 27	19 11	20 49	17 46	5 28
W 3	22 34	25 43	2 20	21 59	1 39	16 44	1 35	0 37	0 5	10 39	1 14	22 46	0 9	20 18	0 7	5 45	1 53	26 9	13 52	19 27	19 12	20 51	17 46	5 28
T 4	22 26	22 54	1 5	21 31	1 33	16 20	1 34	0 21	0 4	10 41	1 14	22 45	0 9	20 19	0 7	5 46	1 53	26 10	13 52	19 27	19 12	20 53	17 45	5 29
F 5	22 18	18 47	0s11	21 1	1 26	15 55	1 33	0 4	0 3	10 43	1 14	22 44	0 9	20 19	0 7	5 46	1 53	26 11	13 52	19 27	19 13	20 55	17 45	5 29
S 6	22 9	13 46	1 26	20 30	1 18	15 29	1 31	0n13	0 2	10 45	1 14	22 43	0 9	20 20	0 7	5 46	1 52	26 11	13 53	19 27	19 14	20 57	17 44	5 29
S 7	22 0	8 15	2 33	19 58	1 10	15 3	1 30	0 30	0 0	10 47	1 14	22 43	0 9	20 21	0 7	5 46	1 52	26 12	13 53	19 27	19 15	20 59	17 44	5 29
M 8	21 51	2 32	3 31	19 25	1 1	14 37	1 28	0 47	0n 1	10 50	1 15	22 42	0 9	20 21	0 7	5 46	1 52	26 13	13 53	19 27	19 16	21 1	17 43	5 29
T 9	21 41	3s 7	4 17	18 51	0 50	14 11	1 27	1 4	0 2	10 52	1 15	22 41	0 9	20 22	0 7	5 47	1 52	26 14	13 54	19 27	19 16	21 3	17 43	5 29
W10	21 30	8 31	4 50	18 16	0 39	13 44	1 25	1 21	0 3	10 54	1 15	22 40	0 9	20 22	0 7	5 47	1 52	26 14	13 54	19 26	19 17	21 4	17 42	5 29
T 11	21 20	13 31	5 10	17 41	0 28	13 16	1 23	1 38	0 4	10 56	1 15	22 39	0 9	20 23	0 7	5 47	1 52	26 15	13 54	19 26	19 18	21 6	17 42	5 29
F 12	21 8	17 57	5 17	17 6	0 15	12 49	1 21	1 55	0 5	10 57	1 15	22 39	0 9	20 23	0 7	5 47	1 52	26 16	13 54	19 26	19 19	21 8	17 41	5 30
S 13	20 57	21 41	5 10	16 31	0 1	12 21	1 19	2 12	0 6	10 59	1 15	22 38	0 10	20 24	0 7	5 48	1 52	26 17	13 55	19 26	19 19	21 10	17 41	5 30
S 14	20 45	24 32	4 49	15 57	0n13	11 52	1 17	2 28	0 7	11 1	1 16	22 37	0 10	20 24	0 7	5 48	1 52	26 17	13 55	19 27	19 20	21 12	17 40	5 30
M15	20 33	26 19	4 16	15 24	0 28	11 24	1 15	2 45	0 7	11 3	1 16	22 36	0 10	20 25	0 7	5 48	1 52	26 18	13 55	19 27	19 21	21 14	17 39	5 30
T 16	20 20	26 53	3 31	14 52	0 44	10 55	1 13	3 2	0 8	11 4	1 16	22 35	0 10	20 25	0 7	5 49	1 52	26 19	13 56	19 27	19 22	21 16	17 39	5 30
W17	20 7	26 7	2 35	14 22	1 0	10 26	1 11	3 19	0 9	11 6	1 16	22 34	0 10	20 26	0 7	5 49	1 52	26 19	13 56	19 27	19 22	21 18	17 38	5 30
T 18	19 53	24 2	1 31	13 54	1 16	9 57	1 8	3 35	0 10	11 7	1 16	22 33	0 10	20 26	0 7	5 49	1 52	26 20	13 56	19 27	19 23	21 20	17 38	5 31
F 19	19 40	20 40	0 21	13 29	1 33	9 27	1 6	3 52	0 11	11 9	1 17	22 33	0 10	20 27	0 7	5 50	1 52	26 21	13 56	19 27	19 24	21 21	17 37	5 31
S 20	19 25	16 14	0n51	13 7	1 50	8 57	1 4	4 9	0 12	11 10	1 17	22 32	0 10	20 27	0 7	5 50	1 52	26 22	13 57	19 27	19 25	21 23	17 36	5 31
S 21	19 11	10 55	2 2	12 49	2 7	8 27	1 1	4 25	0 13	11 12	1 17	22 31	0 10	20 28	0 7	5 50	1 52	26 22	13 57	19 27	19 25	21 25	17 36	5 31
M22	18 56	5 1	3 7	12 34	2 23	7 57	0 58	4 42	0 14	11 13	1 17	22 30	0 10	20 28	0 7	5 51	1 51	26 23	13 57	19 27	19 26	21 27	17 35	5 31
T 23	18 41	1n11	4 3	12 23	2 38	7 26	0 56	4 58	0 15	11 14	1 17	22 29	0 10	20 28	0 7	5 51	1 51	26 24	13 57	19 27	19 27	21 29	17 35	5 32
W24	18 25	7 23	4 45	12 16	2 53	6 56	0 53	5 15	0 16	11 15	1 17	22 28	0 10	20 29	0 7	5 52	1 51	26 25	13 57	19 27	19 28	21 31	17 34	5 32
T 25	18 9	13 16	5 10	12 14	3 6	6 25	0 50	5 31	0 16	11 16	1 18	22 27	0 10	20 29	0 7	5 52	1 51	26 25	13 58	19 27	19 28	21 32	17 33	5 32
F 26	17 53	18 31	5 17	12 15	3 18	5 54	0 47	5 47	0 17	11 17	1 18	22 27	0 11	20 30	0 7	5 52	1 51	26 26	13 58	19 27	19 29	21 34	17 33	5 32
S 27	17 37	22 44	5 4	12 21	3 28	5 23	0 44	6 4	0 18	11 18	1 18	22 26	0 11	20 30	0 7	5 53	1 51	26 27	13 58	19 27	19 30	21 36	17 32	5 32
S 28	17 20	25 36	4 33	12 30	3 37	4 52	0 41	6 20	0 19	11 19	1 18	22 25	0 11	20 30	0 7	5 53	1 51	26 27	13 58	19 27	19 31	21 38	17 31	5 33
M29	17 3	26 50	3 46	12 42	3 43	4 21	0 38	6 36	0 20	11 20	1 18	22 24	0 11	20 31	0 7	5 54	1 51	26 28	13 58	19 27	19 31	21 40	17 31	5 33
T 30	16 45	26 19	2 44	12 57	3 46	3 49	0 35	6 52	0 21	11 21	1 19	22 23	0 11	20 31	0 7	5 54	1 51	26 29	13 58	19 27	19 32	21 42	17 30	5 33
W31	16s28	24n 8	1n34	13s14	3n48	3s18	0s32	7n 8	0n21	11s22	1n19	22s22	0s11	20s31	0n 7	5n55	1s51	26n29	13n59	19s27	19s33	21s43	17s29	5n33

Julian Day Number = 1985864.5, Delta T = 57m03s
Ecliptic obliquity = 23°36'19, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'49, Lahiri = 6°05'49 Julian Calendar 1 Jan. 725 == Greg. Calendar 5 Jan. 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

FEBRUARY 725 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 57 25	15♒57'29	0♌21	12°R25	24♓ 9	17♈54	3♏ 2	19♑32	1♐42	19♈22	24°R38	3°R46	3♒16	16♏46	12♑30	T 1
F 2	9 1 21	16°57'48	13°58	11♒21	25°21	18°34	3° 4	19°39	1°43	19°23	24♌37	3♒46	3°13	16°53	12°35	F 2
S 3	9 5 18	17°58'04	27°20	10°20	26°32	19°13	3° 6	19°45	1°45	19°25	24°35	3°45	3°10	17° 0	12°40	S 3
S 4	9 9 14	18°58'19	10♍24	9°22	27°43	19°53	3° 8	19°52	1°46	19°26	24°34	3°43	3° 7	17° 6	12°44	S 4
M 5	9 13 11	19°58'32	23°12	8°30	28°55	20°33	3°10	19°58	1°48	19°27	24°32	3°41	3° 4	17°13	12°49	M 5
T 6	9 17 7	20°58'43	5♎42	7°44	0♈ 6	21°13	3°11	20° 5	1°49	19°28	24°31	3°38	3° 1	17°20	12°53	T 6
W 7	9 21 4	21°58'53	17°59	7° 5	1°17	21°52	3°13	20°11	1°50	19°30	24°29	3°35	2°57	17°27	12°58	W 7
T 8	9 25 1	22°59'01	0♏ 3	6°32	2°27	22°32	3°14	20°18	1°52	19°31	24°27	3°33	2°54	17°33	13° 2	T 8
F 9	9 28 57	23°59'08	11°59	6° 6	3°38	23°12	3°15	20°24	1°53	19°33	24°26	3°32	2°51	17°40	13° 7	F 9
S 10	9 32 54	24°59'12	23°52	5°48	4°49	23°51	3°16	20°30	1°54	19°34	24°24	3°D31	2°48	17°47	13°11	S 10
S 11	9 36 50	25°59'16	5♐45	5°36	5°59	24°31	3°16	20°37	1°55	19°36	24°23	3°31	2°45	17°53	13°15	S 11
M12	9 40 47	26°59'17	17°44	5°D30	7°10	25°11	3°17	20°43	1°56	19°37	24°21	3°33	2°41	18° 0	13°20	M12
T 13	9 44 43	27°59'17	29°54	5°31	8°20	25°50	3°17	20°49	1°57	19°39	24°20	3°34	2°38	18° 7	13°24	T 13
W14	9 48 40	28°59'15	12♑19	5°39	9°30	26°30	3°R17	20°55	1°58	19°40	24°18	3°36	2°35	18°14	13°28	W14
T 15	9 52 36	29°59'11	25° 2	5°52	10°40	27°10	3°17	21° 1	1°59	19°42	24°16	3°37	2°32	18°20	13°32	T 15
F 16	9 56 33	0♓59'06	8♒ 5	6°11	11°50	27°49	3°16	21° 7	2° 0	19°43	24°15	3°R37	2°29	18°27	13°36	F 16
S 17	10 0 30	1°58'58	21°30	6°34	13° 0	28°29	3°16	21°13	2° 1	19°45	24°13	3°36	2°26	18°34	13°40	S 17
S 18	10 4 26	2°58'49	5♓15	7° 3	14° 9	29° 8	3°15	21°19	2° 1	19°47	24°12	3°34	2°22	18°40	13°44	S 18
M19	10 8 23	3°58'37	19°17	7°36	15°19	29°48	3°14	21°25	2° 2	19°48	24°10	3°30	2°19	18°47	13°48	M19
T 20	10 12 19	4°58'23	3♈33	8°14	16°28	0♉28	3°13	21°31	2° 3	19°50	24° 9	3°25	2°16	18°54	13°52	T 20
W21	10 16 16	5°58'07	17°57	8°55	17°37	1° 7	3°12	21°37	2° 3	19°52	24° 7	3°20	2°13	19° 1	13°56	W21
T 22	10 20 12	6°57'49	2♉22	9°40	18°46	1°47	3°10	21°42	2° 4	19°54	24° 6	3°16	2°10	19° 7	14° 0	T 22
F 23	10 24 9	7°57'29	16°46	10°29	19°55	2°26	3° 9	21°48	2° 4	19°55	24° 4	3°12	2° 7	19°14	14° 4	F 23
S 24	10 28 5	8°57'06	1♊ 2	11°21	21° 4	3° 6	3° 7	21°54	2° 5	19°57	24° 3	3°11	2° 3	19°21	14° 7	S 24
S 25	10 32 2	9°56'41	15°10	12°16	22°12	3°45	3° 5	21°59	2° 5	19°59	24° 1	3°D11	2° 0	19°27	14°11	S 25
M26	10 35 59	10°56'13	29° 6	13°14	23°21	4°25	3° 3	22° 5	2° 5	20° 1	24° 0	3°12	1°57	19°34	14°14	M26
T 27	10 39 55	11°55'43	12♋52	14°14	24°29	5° 4	3° 0	22°10	2° 6	20° 3	23°58	3°13	1°54	19°41	14°18	T 27
W28	10 43 52	12♓55'11	26♋26	15♒18	25♈37	5♉43	2♏58	22♑16	2♐ 6	20♈ 4	23♌57	3°R14	1♒51	19♏48	14♑21	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s10	20n31	0n19	13s34	3n47	2s46	0s28	7n25	0n22	11s22	1n19	22s21	0s11	20s32	0n 7	5n55	1s51	26n30	13n59	19s27	19s34	21s45	17s29	5n34
F 2	15 52	15 51	0s56	13 54	3 44	2 15	0 25	7 40	0 23	11 23	1 19	22 20	0 11	20 32	0 7	5 56	1 51	26 31	13 59	19 27	19 34	21 47	17 28	5 34
S 3	15 33	10 30	2 7	14 15	3 39	1 43	0 22	7 56	0 24	11 23	1 19	22 20	0 11	20 32	0 7	5 56	1 51	26 31	13 59	19 27	19 35	21 49	17 27	5 34
S 4	15 14	4 48	3 9	14 37	3 32	1 11	0 18	8 12	0 24	11 24	1 20	22 19	0 11	20 33	0 7	5 57	1 51	26 32	13 59	19 27	19 36	21 50	17 26	5 34
M 5	14 55	0s57	4 0	14 59	3 24	0 40	0 15	8 28	0 25	11 24	1 20	22 18	0 11	20 33	0 7	5 57	1 51	26 33	13 59	19 28	19 37	21 52	17 26	5 35
T 6	14 36	6 32	4 39	15 20	3 14	0 8	0 11	8 44	0 26	11 25	1 20	22 17	0 11	20 33	0 7	5 58	1 51	26 33	13 59	19 29	19 37	21 54	17 25	5 35
W 7	14 17	11 46	5 3	15 40	3 3	0n24	0 7	8 59	0 27	11 25	1 20	22 16	0 12	20 34	0 7	5 59	1 51	26 34	13 59	19 29	19 38	21 56	17 24	5 35
T 8	13 57	16 28	5 14	16 0	2 51	0 56	0 4	9 15	0 27	11 25	1 20	22 15	0 12	20 34	0 7	5 59	1 51	26 35	14 0	19 30	19 39	21 57	17 24	5 36
F 9	13 37	20 28	5 12	16 19	2 39	1 27	0 0	9 30	0 28	11 25	1 21	22 14	0 12	20 34	0 7	6 0	1 50	26 35	14 0	19 30	19 39	21 59	17 23	5 36
S 10	13 17	23 38	4 55	16 36	2 26	1 59	0n 4	9 46	0 29	11 25	1 21	22 13	0 12	20 34	0 7	6 0	1 50	26 36	14 0	19 30	19 40	22 1	17 22	5 36
S 11	12 57	25 47	4 27	16 52	2 13	2 30	0 7	10 1	0 29	11 25	1 21	22 13	0 12	20 35	0 7	6 1	1 50	26 37	14 0	19 30	19 41	22 3	17 21	5 37
M12	12 36	26 47	3 46	17 6	1 59	3 2	0 11	10 16	0 30	11 25	1 21	22 12	0 12	20 35	0 7	6 2	1 50	26 37	14 0	19 30	19 42	22 4	17 21	5 37
T 13	12 15	26 31	2 55	17 19	1 45	3 33	0 15	10 32	0 31	11 25	1 21	22 11	0 12	20 35	0 7	6 2	1 50	26 38	14 0	19 29	19 42	22 6	17 20	5 37
W14	11 54	24 56	1 54	17 30	1 32	4 5	0 19	10 47	0 31	11 25	1 21	22 10	0 12	20 35	0 7	6 3	1 50	26 38	14 0	19 29	19 43	22 8	17 19	5 38
T 15	11 33	22 3	0 47	17 40	1 18	4 36	0 23	11 2	0 32	11 25	1 22	22 9	0 12	20 35	0 7	6 3	1 50	26 39	14 0	19 29	19 44	22 9	17 19	5 38
F 16	11 12	17 59	0n24	17 49	1 5	5 7	0 27	11 17	0 33	11 25	1 22	22 8	0 12	20 36	0 7	6 4	1 50	26 40	14 0	19 29	19 45	22 11	17 18	5 38
S 17	10 51	12 55	1 36	17 55	0 52	5 38	0 31	11 32	0 33	11 24	1 22	22 7	0 12	20 36	0 7	6 5	1 50	26 40	14 0	19 29	19 45	22 13	17 17	5 39
S 18	10 29	7 6	2 44	18 1	0 39	6 9	0 35	11 46	0 34	11 24	1 22	22 7	0 12	20 36	0 7	6 5	1 50	26 41	14 0	19 30	19 46	22 14	17 16	5 39
M19	10 7	0 50	3 44	18 4	0 27	6 40	0 39	12 1	0 35	11 23	1 22	22 6	0 13	20 36	0 7	6 6	1 50	26 41	14 0	19 30	19 47	22 16	17 16	5 39
T 20	9 45	5n33	4 31	18 6	0 15	7 11	0 43	12 16	0 35	11 23	1 23	22 5	0 13	20 36	0 7	6 7	1 50	26 42	14 0	19 32	19 47	22 18	17 15	5 40
W21	9 23	11 42	5 0	18 7	0 3	7 41	0 47	12 30	0 36	11 22	1 23	22 4	0 13	20 36	0 7	6 8	1 50	26 42	14 0	19 33	19 48	22 19	17 14	5 40
T 22	9 1	17 15	5 11	18 5	0s 9	8 12	0 51	12 45	0 36	11 21	1 23	22 3	0 13	20 36	0 7	6 8	1 50	26 43	14 0	19 34	19 49	22 21	17 13	5 40
F 23	8 39	21 47	5 3	18 3	0 19	8 42	0 56	12 59	0 37	11 21	1 23	22 2	0 13	20 36	0 7	6 9	1 50	26 43	14 0	19 35	19 50	22 23	17 13	5 41
S 24	8 16	25 0	4 36	17 58	0 30	9 12	1 0	13 13	0 38	11 20	1 23	22 2	0 13	20 37	0 7	6 10	1 50	26 44	14 0	19 35	19 50	22 24	17 12	5 41
S 25	7 54	26 37	3 52	17 53	0 40	9 41	1 4	13 27	0 38	11 19	1 23	22 1	0 13	20 37	0 7	6 10	1 50	26 44	14 0	19 35	19 51	22 26	17 11	5 41
M26	7 31	26 31	2 55	17 45	0 50	10 11	1 8	13 41	0 39	11 18	1 24	22 0	0 13	20 37	0 7	6 11	1 50	26 45	14 0	19 35	19 52	22 28	17 10	5 42
T 27	7 8	24 47	1 49	17 36	0 59	10 40	1 12	13 55	0 39	11 17	1 24	21 59	0 13	20 37	0 7	6 12	1 50	26 45	14 0	19 34	19 53	22 29	17 10	5 42
W28	6s45	21n37	0n37	17s26	1s 7	11n 9	1n16	14n 9	0n40	11s16	1n24	21s58	0s13	20s37	0n 7	6n13	1s50	26n46	14n 0	19s34	19s53	22s31	17s 9	5n43

Julian Day Number = 1985895.5, Delta T = 57m03s
Ecliptic obliquity = 23°36'19, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'53, Lahiri = 6°05'54 Julian Calendar 1 Feb. 725 == Greg. Calendar 5 Feb. 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

MARCH 725 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 47 48	13♓54'36	9♌49	16♒23	26♈45	6♉23	2°R55	22♑21	2♐ 6	20♈ 6	23°R55	3°R14	1♒47	19♏54	14♑25	T 1
F 2	10 51 45	14°53'59	23° 0	17°31	27°52	7° 2	2♏52	22°26	2° 6	20° 8	23♌54	3♒12	1°44	20° 1	14°28	F 2
S 3	10 55 41	15°53'20	6♍ 0	18°42	29° 0	7°41	2°49	22°31	2° 6	20°10	23°52	3° 9	1°41	20° 8	14°31	S 3
S 4	10 59 38	16°52'39	18°48	19°54	0♉ 7	8°21	2°46	22°37	2°R 6	20°12	23°51	3° 3	1°38	20°14	14°35	S 4
M 5	11 3 34	17°51'55	1♎23	21° 8	1°14	9° 0	2°42	22°42	2° 6	20°14	23°49	2°55	1°35	20°21	14°38	M 5
T 6	11 7 31	18°51'09	13°46	22°25	2°21	9°39	2°39	22°47	2° 6	20°16	23°48	2°47	1°32	20°28	14°41	T 6
W 7	11 11 27	19°50'22	25°58	23°43	3°27	10°19	2°35	22°52	2° 6	20°18	23°47	2°38	1°28	20°35	14°44	W 7
T 8	11 15 24	20°49'32	8♏ 0	25° 3	4°34	10°58	2°31	22°56	2° 6	20°20	23°45	2°30	1°25	20°41	14°47	T 8
F 9	11 19 21	21°48'41	19°56	26°25	5°40	11°37	2°27	23° 1	2° 6	20°22	23°44	2°23	1°22	20°48	14°50	F 9
S 10	11 23 17	22°47'48	1♐48	27°49	6°46	12°16	2°22	23° 6	2° 5	20°24	23°43	2°19	1°19	20°55	14°53	S 10
S 11	11 27 14	23°46'53	13°40	29°14	7°52	12°56	2°18	23°11	2° 5	20°26	23°41	2°16	1°16	21° 1	14°56	S 11
M12	11 31 10	24°45'56	25°37	0♓41	8°57	13°35	2°13	23°15	2° 4	20°28	23°40	2°D15	1°12	21° 8	14°58	M12
T 13	11 35 7	25°44'57	7♑45	2°10	10° 2	14°14	2° 9	23°20	2° 4	20°30	23°39	2°16	1° 9	21°15	15° 1	T 13
W14	11 39 3	26°43'57	20° 8	3°40	11° 7	14°53	2° 4	23°24	2° 3	20°32	23°37	2°17	1° 6	21°22	15° 3	W14
T 15	11 43 0	27°42'55	2♒52	5°11	12°12	15°32	1°59	23°28	2° 3	20°35	23°36	2°R18	1° 3	21°28	15° 6	T 15
F 16	11 46 56	28°41'50	15°59	6°45	13°17	16°11	1°53	23°33	2° 2	20°37	23°35	2°17	1° 0	21°35	15° 8	F 16
S 17	11 50 53	29°40'44	29°33	8°20	14°21	16°51	1°48	23°37	2° 2	20°39	23°34	2°14	0°57	21°42	15°11	S 17
S 18	11 54 50	0♈39'36	13♓33	9°56	15°25	17°30	1°43	23°41	2° 1	20°41	23°33	2° 8	0°53	21°49	15°13	S 18
M19	11 58 46	1°38'26	27°56	11°34	16°29	18° 9	1°37	23°45	2° 0	20°43	23°31	2° 1	0°50	21°55	15°15	M19
T 20	12 2 43	2°37'14	12♈37	13°14	17°32	18°48	1°31	23°49	1°59	20°45	23°30	1°51	0°47	22° 2	15°18	T 20
W21	12 6 39	3°36'00	27°28	14°55	18°35	19°27	1°25	23°53	1°58	20°47	23°29	1°42	0°44	22° 9	15°20	W21
T 22	12 10 36	4°34'44	12♉20	16°37	19°38	20° 6	1°19	23°57	1°58	20°50	23°28	1°33	0°41	22°15	15°22	T 22
F 23	12 14 32	5°33'25	27° 5	18°22	20°41	20°45	1°13	24° 1	1°57	20°52	23°27	1°26	0°38	22°22	15°24	F 23
S 24	12 18 29	6°32'04	11♊37	20° 7	21°43	21°24	1° 7	24° 4	1°56	20°54	23°26	1°21	0°34	22°29	15°26	S 24
S 25	12 22 25	7°30'42	25°52	21°55	22°45	22° 3	1° 1	24° 8	1°55	20°56	23°25	1°19	0°31	22°35	15°28	S 25
M26	12 26 22	8°29'16	9♋47	23°44	23°46	22°42	0°54	24°11	1°53	20°58	23°24	1°D18	0°28	22°42	15°29	M26
T 27	12 30 19	9°27'49	23°23	25°34	24°47	23°21	0°48	24°15	1°52	21° 1	23°23	1°19	0°25	22°49	15°31	T 27
W28	12 34 15	10°26'19	6♌43	27°26	25°48	24° 0	0°41	24°18	1°51	21° 3	23°22	1°R19	0°22	22°56	15°33	W28
T 29	12 38 12	11°24'47	19°47	29°20	26°49	24°39	0°34	24°21	1°50	21° 5	23°21	1°17	0°18	23° 2	15°34	T 29
F 30	12 42 8	12°23'13	2♍38	1♈15	27°49	25°17	0°27	24°24	1°49	21° 7	23°20	1°14	0°15	23° 9	15°36	F 30
S 31	12 46 5	13♈21'36	15♍18	3♈12	28♉48	25♉56	0♏20	24♑27	1♐47	21♈10	23♌19	1♒ 7	0♒12	23♏16	15♑37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s22	17n21	0s36	17s14	1s16	11n38	1n21	14n22	0n40	11s15	1n24	21s58	0s13	20s37	0n 7	6n13	1s50	26n46	14n 0	19s34	19s54	22s32	17s 8	5n43
F 2	5 59	12 17	1 45	17 1	1 24	12 6	1 25	14 36	0 41	11 14	1 24	21 57	0 14	20 37	0 7	6 14	1 50	26 47	13 59	19 35	19 55	22 34	17 7	5 43
S 3	5 36	6 46	2 48	16 46	1 31	12 35	1 29	14 50	0 41	11 13	1 24	21 56	0 14	20 37	0 7	6 15	1 50	26 47	13 59	19 35	19 55	22 36	17 7	5 44
S 4	5 13	1 5	3 41	16 30	1 38	13 3	1 33	15 3	0 42	11 11	1 25	21 55	0 14	20 37	0 7	6 16	1 49	26 47	13 59	19 37	19 56	22 37	17 6	5 44
M 5	4 50	4s34	4 22	16 12	1 44	13 30	1 38	15 16	0 43	11 10	1 25	21 55	0 14	20 37	0 7	6 16	1 49	26 48	13 59	19 39	19 57	22 39	17 5	5 45
T 6	4 26	9 55	4 51	15 52	1 50	13 58	1 42	15 29	0 43	11 9	1 25	21 54	0 14	20 37	0 7	6 17	1 49	26 48	13 59	19 41	19 57	22 40	17 4	5 45
W 7	4 3	14 49	5 5	15 31	1 56	14 25	1 46	15 42	0 44	11 7	1 25	21 53	0 14	20 37	0 7	6 18	1 49	26 49	13 59	19 43	19 58	22 42	17 4	5 46
T 8	3 40	19 5	5 6	15 9	2 1	14 51	1 50	15 55	0 44	11 6	1 25	21 52	0 14	20 37	0 7	6 19	1 49	26 49	13 59	19 44	19 59	22 44	17 3	5 46
F 9	3 16	22 32	4 53	14 45	2 5	15 18	1 54	16 8	0 45	11 4	1 25	21 52	0 14	20 37	0 7	6 19	1 49	26 49	13 59	19 46	20 0	22 45	17 2	5 46
S 10	2 53	25 2	4 28	14 20	2 9	15 44	1 58	16 20	0 45	11 3	1 25	21 51	0 14	20 37	0 7	6 20	1 49	26 50	13 59	19 47	20 0	22 47	17 1	5 47
S 11	2 29	26 25	3 51	13 54	2 13	16 9	2 2	16 33	0 46	11 1	1 26	21 50	0 14	20 37	0 7	6 21	1 49	26 50	13 58	19 47	20 1	22 48	17 1	5 47
M12	2 6	26 36	3 4	13 26	2 16	16 35	2 7	16 45	0 46	10 59	1 26	21 50	0 15	20 37	0 7	6 22	1 49	26 50	13 58	19 48	20 2	22 50	17 0	5 48
T 13	1 42	25 30	2 8	12 56	2 19	16 59	2 11	16 58	0 46	10 58	1 26	21 49	0 15	20 36	0 7	6 23	1 49	26 51	13 58	19 47	20 2	22 51	16 59	5 48
W14	1 18	23 9	1 5	12 25	2 21	17 24	2 15	17 10	0 47	10 56	1 26	21 48	0 15	20 36	0 7	6 24	1 49	26 51	13 58	19 47	20 3	22 53	16 58	5 49
T 15	0 55	19 36	0n 3	11 53	2 23	17 48	2 19	17 22	0 47	10 54	1 26	21 48	0 15	20 36	0 7	6 24	1 49	26 51	13 58	19 47	20 4	22 54	16 58	5 49
F 16	0 31	15 0	1 13	11 19	2 24	18 12	2 23	17 34	0 48	10 52	1 26	21 47	0 15	20 36	0 7	6 25	1 49	26 51	13 58	19 47	20 5	22 56	16 57	5 50
S 17	0 8	9 31	2 20	10 44	2 24	18 35	2 26	17 45	0 48	10 50	1 26	21 46	0 15	20 36	0 7	6 26	1 49	26 52	13 57	19 48	20 5	22 57	16 56	5 50
S 18	0n16	3 25	3 22	10 7	2 25	18 58	2 30	17 57	0 49	10 48	1 26	21 46	0 15	20 36	0 7	6 27	1 49	26 52	13 57	19 49	20 6	22 59	16 56	5 50
M19	0 39	3n 1	4 12	9 30	2 24	19 20	2 34	18 8	0 49	10 46	1 26	21 45	0 15	20 36	0 7	6 28	1 49	26 52	13 57	19 51	20 7	23 0	16 55	5 51
T 20	1 3	9 25	4 47	8 50	2 23	19 42	2 38	18 20	0 50	10 44	1 27	21 44	0 15	20 36	0 7	6 28	1 49	26 52	13 57	19 53	20 7	23 2	16 54	5 51
W21	1 26	15 20	5 3	8 10	2 22	20 4	2 42	18 31	0 50	10 42	1 27	21 44	0 15	20 35	0 7	6 29	1 49	26 52	13 57	19 55	20 8	23 3	16 53	5 52
T 22	1 50	20 22	4 58	7 28	2 20	20 25	2 45	18 42	0 50	10 40	1 27	21 43	0 16	20 35	0 7	6 30	1 49	26 53	13 56	19 57	20 9	23 5	16 53	5 52
F 23	2 13	24 5	4 34	6 45	2 18	20 45	2 49	18 53	0 51	10 37	1 27	21 43	0 16	20 35	0 7	6 31	1 49	26 53	13 56	19 59	20 9	23 6	16 52	5 53
S 24	2 37	26 10	3 52	6 0	2 15	21 6	2 53	19 4	0 51	10 35	1 27	21 42	0 16	20 35	0 7	6 32	1 49	26 53	13 56	20 0	20 10	23 8	16 51	5 53
S 25	3 0	26 29	2 57	5 15	2 12	21 25	2 56	19 14	0 52	10 33	1 27	21 42	0 16	20 35	0 7	6 33	1 49	26 53	13 56	20 0	20 11	23 9	16 51	5 54
M26	3 23	25 6	1 52	4 28	2 8	21 44	2 59	19 25	0 52	10 31	1 27	21 41	0 16	20 34	0 7	6 33	1 49	26 53	13 55	20 0	20 11	23 11	16 50	5 54
T 27	3 47	22 15	0 42	3 39	2 3	22 3	3 3	19 35	0 52	10 28	1 27	21 41	0 16	20 34	0 7	6 34	1 49	26 53	13 55	20 0	20 12	23 12	16 49	5 55
W28	4 10	18 16	0s29	2 50	1 58	22 21	3 6	19 45	0 53	10 26	1 27	21 40	0 16	20 34	0 7	6 35	1 49	26 54	13 55	20 0	20 13	23 13	16 49	5 55
T 29	4 33	13 28	1 36	1 59	1 53	22 39	3 9	19 55	0 53	10 23	1 27	21 40	0 16	20 34	0 7	6 36	1 49	26 54	13 55	20 1	20 13	23 15	16 48	5 56
F 30	4 56	8 9	2 38	1 8	1 47	22 56	3 12	20 5	0 54	10 21	1 27	21 39	0 16	20 33	0 7	6 37	1 49	26 54	13 54	20 1	20 14	23 16	16 47	5 56
S 31	5n19	2n36	3s31	0s15	1s40	23n12	3n15	20n15	0n54	10s19	1n27	21s39	0s16	20s33	0n 7	6n38	1s49	26n54	13n54	20s 3	20s15	23s18	16s47	5n57

Julian Day Number = 1985923.5, Delta T = 57m02s
Ecliptic obliquity = 23°36'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°58'57, Lahiri = 6°05'57 Julian Calendar 1 March 725 == Greg. Calendar 5 March 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

APRIL 725 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 50 1	14♈19'58	27♍48	5♈11	29♉47	26♉35	0°R13	24♑30	1°R46	21♈12	23°R18	0°R58	0♒ 9	23♏22	15♑38	S 1
M 2	12 53 58	15°18'17	10♎ 9	7°11	0♊46	27°14	0♏ 6	24°33	1♐45	21°14	23♌17	0♒46	0° 6	23°29	15°40	M 2
T 3	12 57 54	16°16'35	22°21	9°12	1°44	27°53	29♎59	24°36	1°43	21°16	23°16	0°33	0° 3	23°36	15°41	T 3
W 4	13 1 51	17°14'50	4♏25	11°15	2°42	28°32	29°52	24°39	1°42	21°18	23°16	0°20	29♑59	23°43	15°42	W 4
T 5	13 5 48	18°13'05	16°23	13°19	3°40	29°10	29°44	24°41	1°40	21°21	23°15	0° 7	29°56	23°49	15°43	T 5
F 6	13 9 44	19°11'17	28°16	15°25	4°37	29°49	29°37	24°44	1°39	21°23	23°14	29♑56	29°53	23°56	15°44	F 6
S 7	13 13 41	20° 9'28	10♐ 6	17°32	5°33	0♊28	29°30	24°46	1°37	21°25	23°13	29°48	29°50	24° 3	15°45	S 7
S 8	13 17 37	21° 7'37	21°57	19°39	6°29	1° 6	29°22	24°49	1°35	21°28	23°13	29°43	29°47	24° 9	15°46	S 8
M 9	13 21 34	22° 5'45	3♑54	21°48	7°24	1°45	29°15	24°51	1°34	21°30	23°12	29°40	29°44	24°16	15°46	M 9
T 10	13 25 30	23° 3'51	15°59	23°57	8°19	2°24	29° 7	24°53	1°32	21°32	23°11	29°38	29°40	24°23	15°47	T 10
W11	13 29 27	24° 1'55	28°20	26° 7	9°14	3° 3	29° 0	24°55	1°30	21°34	23°11	29°38	29°37	24°30	15°48	W11
T 12	13 33 23	24°59'59	11♒ 0	28°17	10° 7	3°41	28°52	24°57	1°28	21°37	23°10	29°38	29°34	24°36	15°48	T 12
F 13	13 37 20	25°58'00	24° 5	0♉26	11° 0	4°20	28°44	24°59	1°27	21°39	23°10	29°37	29°31	24°43	15°49	F 13
S 14	13 41 17	26°56'01	7♓38	2°36	11°53	4°58	28°37	25° 1	1°25	21°41	23° 9	29°33	29°28	24°50	15°49	S 14
S 15	13 45 13	27°54'00	21°41	4°44	12°45	5°37	28°29	25° 3	1°23	21°43	23° 9	29°27	29°24	24°56	15°49	S 15
M16	13 49 10	28°51'57	6♈11	6°52	13°36	6°16	28°22	25° 4	1°21	21°46	23° 8	29°18	29°21	25° 3	15°49	M16
T 17	13 53 6	29°49'53	21° 4	8°58	14°26	6°54	28°14	25° 6	1°19	21°48	23° 8	29° 7	29°18	25°10	15°50	T 17
W18	13 57 3	0♉47'47	6♉12	11° 3	15°16	7°33	28° 6	25° 7	1°17	21°50	23° 7	28°56	29°15	25°17	15°R50	W18
T 19	14 0 59	1°45'40	21°24	13° 7	16° 5	8°11	27°59	25° 8	1°15	21°52	23° 7	28°46	29°12	25°23	15°50	T 19
F 20	14 4 56	2°43'31	6♊30	15° 8	16°53	8°50	27°51	25°10	1°13	21°55	23° 7	28°37	29° 9	25°30	15°50	F 20
S 21	14 8 52	3°41'21	21°20	17° 7	17°41	9°28	27°43	25°11	1°11	21°57	23° 6	28°31	29° 5	25°37	15°49	S 21
S 22	14 12 49	4°39'09	5♋48	19° 3	18°27	10° 7	27°36	25°12	1° 9	21°59	23° 6	28°28	29° 2	25°43	15°49	S 22
M23	14 16 46	5°36'55	19°51	20°57	19°13	10°46	27°28	25°13	1° 7	22° 1	23° 6	28°26	28°59	25°50	15°49	M23
T 24	14 20 42	6°34'39	3♌30	22°48	19°58	11°24	27°21	25°13	1° 5	22° 3	23° 6	28°26	28°56	25°57	15°49	T 24
W25	14 24 39	7°32'22	16°47	24°36	20°42	12° 2	27°13	25°14	1° 2	22° 6	23° 5	28°26	28°53	26° 4	15°48	W25
T 26	14 28 35	8°30'03	29°43	26°22	21°24	12°41	27° 6	25°15	1° 0	22° 8	23° 5	28°25	28°50	26°10	15°48	T 26
F 27	14 32 32	9°27'42	12♍23	28° 4	22° 6	13°19	26°59	25°15	0°58	22°10	23° 5	28°21	28°46	26°17	15°47	F 27
S 28	14 36 28	10°25'19	24°50	29°43	22°47	13°58	26°51	25°16	0°56	22°12	23° 5	28°15	28°43	26°24	15°46	S 28
S 29	14 40 25	11°22'55	7♎ 7	1♊19	23°27	14°36	26°44	25°16	0°53	22°14	23° 5	28° 6	28°40	26°30	15°46	S 29
M30	14 44 21	12♉20'30	19♎15	2♊51	24♊ 5	15♊15	26♎37	25♑16	0♐51	22♈16	23♌ 5	27♑54	28♑37	26♏37	15♑45	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n41	2s58	4s12	0n39	1s33	23n28	3n18	20n24	0n54	10s16	1n27	21s38	0s17	20s33	0n 7	6n39	1s49	26n54	13n54	20s 5	20s16	23s19	16s46	5n57
M 2	6 4	8 21	4 41	1 33	1 26	23 44	3 21	20 34	0 55	10 14	1 27	21 38	0 17	20 33	0 7	6 39	1 49	26 54	13 54	20 7	20 16	23 21	16 45	5 58
T 3	6 27	13 21	4 57	2 29	1 18	23 59	3 24	20 43	0 55	10 11	1 27	21 38	0 17	20 32	0 7	6 40	1 49	26 54	13 53	20 10	20 17	23 22	16 45	5 58
W 4	6 49	17 46	5 0	3 25	1 9	24 13	3 27	20 52	0 55	10 8	1 27	21 37	0 17	20 32	0 7	6 41	1 49	26 54	13 53	20 13	20 18	23 23	16 44	5 59
T 5	7 11	21 27	4 49	4 22	1 1	24 27	3 29	21 1	0 56	10 6	1 27	21 37	0 17	20 32	0 7	6 42	1 49	26 54	13 53	20 16	20 18	23 25	16 44	5 59
F 6	7 34	24 13	4 25	5 19	0 51	24 40	3 32	21 10	0 56	10 3	1 27	21 36	0 17	20 31	0 7	6 43	1 49	26 54	13 52	20 18	20 19	23 26	16 43	6 0
S 7	7 56	25 55	3 50	6 17	0 42	24 53	3 34	21 18	0 56	10 1	1 27	21 36	0 17	20 31	0 7	6 44	1 49	26 54	13 52	20 20	20 20	23 27	16 42	6 0
S 8	8 18	26 26	3 5	7 15	0 32	25 5	3 36	21 27	0 57	9 58	1 27	21 36	0 17	20 31	0 7	6 45	1 49	26 54	13 52	20 21	20 20	23 29	16 42	6 1
M 9	8 40	25 44	2 12	8 13	0 22	25 17	3 38	21 35	0 57	9 55	1 27	21 36	0 17	20 30	0 7	6 45	1 49	26 54	13 52	20 22	20 21	23 30	16 41	6 1
T 10	9 2	23 49	1 12	9 11	0 11	25 28	3 40	21 43	0 57	9 53	1 27	21 35	0 18	20 30	0 7	6 46	1 49	26 54	13 51	20 22	20 22	23 31	16 41	6 2
W11	9 23	20 45	0 7	10 8	0 1	25 39	3 42	21 51	0 58	9 50	1 27	21 35	0 18	20 30	0 7	6 47	1 49	26 54	13 51	20 22	20 22	23 33	16 40	6 2
T 12	9 45	16 38	1n 0	11 5	0n10	25 49	3 44	21 59	0 58	9 47	1 27	21 35	0 18	20 29	0 7	6 48	1 49	26 54	13 51	20 22	20 23	23 34	16 40	6 3
F 13	10 6	11 37	2 5	12 2	0 21	25 58	3 45	22 7	0 58	9 45	1 27	21 35	0 18	20 29	0 7	6 49	1 49	26 53	13 50	20 22	20 24	23 35	16 39	6 3
S 14	10 27	5 53	3 6	12 57	0 31	26 7	3 47	22 14	0 59	9 42	1 27	21 34	0 18	20 29	0 7	6 50	1 49	26 53	13 50	20 23	20 24	23 37	16 38	6 4
S 15	10 48	0n19	3 58	13 51	0 42	26 15	3 48	22 21	0 59	9 39	1 27	21 34	0 18	20 28	0 7	6 50	1 49	26 53	13 50	20 25	20 25	23 38	16 38	6 4
M16	11 9	6 42	4 36	14 43	0 52	26 23	3 49	22 28	0 59	9 37	1 27	21 34	0 18	20 28	0 7	6 51	1 49	26 53	13 49	20 26	20 26	23 39	16 37	6 5
T 17	11 29	12 52	4 57	15 34	1 2	26 30	3 50	22 35	0 59	9 34	1 27	21 34	0 18	20 27	0 7	6 52	1 49	26 53	13 49	20 29	20 26	23 41	16 37	6 5
W18	11 50	18 21	4 58	16 23	1 12	26 37	3 51	22 42	1 0	9 31	1 27	21 34	0 18	20 27	0 7	6 53	1 49	26 53	13 49	20 31	20 27	23 42	16 36	6 6
T 19	12 10	22 42	4 37	17 10	1 21	26 43	3 52	22 49	1 0	9 29	1 27	21 33	0 19	20 27	0 7	6 54	1 49	26 53	13 48	20 33	20 28	23 43	16 36	6 6
F 20	12 30	25 27	3 58	17 55	1 30	26 48	3 52	22 55	1 0	9 26	1 27	21 33	0 19	20 26	0 7	6 55	1 49	26 52	13 48	20 35	20 28	23 45	16 35	6 7
S 21	12 50	26 21	3 2	18 38	1 38	26 53	3 52	23 1	1 0	9 23	1 26	21 33	0 19	20 26	0 7	6 55	1 49	26 52	13 48	20 36	20 29	23 46	16 35	6 7
S 22	13 10	25 25	1 57	19 18	1 46	26 58	3 52	23 7	1 1	9 21	1 26	21 33	0 19	20 25	0 7	6 56	1 49	26 52	13 47	20 37	20 30	23 47	16 34	6 8
M23	13 29	22 52	0 45	19 56	1 53	27 1	3 52	23 13	1 1	9 18	1 26	21 33	0 19	20 25	0 7	6 57	1 49	26 52	13 47	20 37	20 30	23 48	16 34	6 8
T 24	13 48	19 4	0s27	20 31	1 59	27 5	3 52	23 19	1 1	9 16	1 26	21 33	0 19	20 25	0 7	6 58	1 49	26 52	13 47	20 37	20 31	23 50	16 34	6 9
W25	14 7	14 24	1 35	21 4	2 5	27 8	3 52	23 24	1 2	9 13	1 26	21 33	0 19	20 24	0 7	6 59	1 49	26 51	13 46	20 37	20 32	23 51	16 33	6 9
T 26	14 26	9 12	2 37	21 34	2 10	27 10	3 51	23 30	1 2	9 11	1 26	21 33	0 19	20 24	0 7	6 59	1 49	26 51	13 46	20 37	20 32	23 52	16 33	6 10
F 27	14 45	3 44	3 30	22 2	2 14	27 12	3 50	23 35	1 2	9 8	1 26	21 33	0 19	20 23	0 7	7 0	1 49	26 51	13 46	20 38	20 33	23 53	16 32	6 10
S 28	15 3	1s47	4 12	22 28	2 17	27 13	3 49	23 40	1 2	9 5	1 26	21 33	0 20	20 23	0 7	7 1	1 49	26 50	13 45	20 39	20 34	23 55	16 32	6 11
S 29	15 21	7 8	4 41	22 51	2 20	27 14	3 47	23 45	1 2	9 3	1 26	21 33	0 20	20 22	0 7	7 2	1 49	26 50	13 45	20 41	20 34	23 56	16 32	6 11
M30	15n39	12s10	4s57	23n11	2n21	27n14	3n46	23n49	1n 3	9s 1	1n25	21s33	0s20	20s22	0n 7	7n 3	1s49	26n50	13n45	20s43	20s35	23s57	16s31	6n11

Julian Day Number = 1985954.5, Delta T = 57m01s
Ecliptic obliquity = 23°36'20, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'01, Lahiri = 6°06'02 Julian Calendar 1 Apr. 725 == Greg. Calendar 5 Apr. 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

MAY 725 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 48 18	13♉18'03	1♏18	4♊21	24♊43	15♊53	26°R30	25♑16	0°R49	22♈19	23°D 5	27°R41	28♑34	26♏44	15°R44	T 1
W 2	14 52 14	14°15'35	13°15	5°47	25°19	16°31	26♎23	25°R16	0♐47	22°21	23♌ 5	27♑28	28°30	26°50	15♑43	W 2
T 3	14 56 11	15°13'06	25° 8	7° 9	25°54	17°10	26°16	25°16	0°44	22°23	23° 5	27°16	28°27	26°57	15°42	T 3
F 4	15 0 8	16°10'35	6♐59	8°29	26°27	17°48	26° 9	25°16	0°42	22°25	23° 5	27° 5	28°24	27° 4	15°41	F 4
S 5	15 4 4	17° 8'04	18°50	9°44	26°59	18°26	26° 2	25°16	0°40	22°27	23° 5	26°57	28°21	27°11	15°40	S 5
S 6	15 8 1	18° 5'32	0♑43	10°57	27°30	19° 5	25°56	25°16	0°37	22°29	23° 5	26°51	28°18	27°17	15°38	S 6
M 7	15 11 57	19° 2'58	12°41	12° 6	28° 0	19°43	25°49	25°15	0°35	22°31	23° 5	26°48	28°15	27°24	15°37	M 7
T 8	15 15 54	20° 0'24	24°48	13°11	28°27	20°21	25°43	25°15	0°32	22°33	23° 6	26°D48	28°11	27°31	15°36	T 8
W 9	15 19 50	20°57'49	7♒ 8	14°12	28°53	20°59	25°36	25°14	0°30	22°35	23° 6	26°48	28° 8	27°37	15°34	W 9
T 10	15 23 47	21°55'13	19°47	15°10	29°18	21°38	25°30	25°13	0°28	22°37	23° 6	26°R48	28° 5	27°44	15°33	T 10
F 11	15 27 44	22°52'37	2♓48	16° 4	29°41	22°16	25°24	25°13	0°25	22°39	23° 6	26°48	28° 2	27°51	15°31	F 11
S 12	15 31 40	23°50'00	16°16	16°54	0♋ 2	22°54	25°18	25°12	0°23	22°41	23° 7	26°46	27°59	27°58	15°30	S 12
S 13	15 35 37	24°47'22	0♈12	17°40	0°21	23°32	25°12	25°11	0°20	22°43	23° 7	26°41	27°55	28° 4	15°28	S 13
M14	15 39 33	25°44'43	14°38	18°22	0°39	24°11	25° 6	25° 9	0°18	22°45	23° 7	26°35	27°52	28°11	15°26	M14
T 15	15 43 30	26°42'04	29°28	19° 0	0°54	24°49	25° 1	25° 8	0°15	22°47	23° 8	26°27	27°49	28°18	15°24	T 15
W16	15 47 26	27°39'25	14♉37	19°34	1° 8	25°27	24°55	25° 7	0°13	22°49	23° 8	26°18	27°46	28°24	15°23	W16
T 17	15 51 23	28°36'44	29°54	20° 3	1°19	26° 5	24°50	25° 6	0°10	22°51	23° 9	26°10	27°43	28°31	15°21	T 17
F 18	15 55 19	29°34'03	15♊ 8	20°28	1°29	26°44	24°45	25° 4	0° 8	22°53	23° 9	26° 3	27°40	28°38	15°19	F 18
S 19	15 59 16	0♊31'21	0♋10	20°49	1°36	27°22	24°40	25° 3	0° 5	22°55	23°10	25°59	27°36	28°44	15°17	S 19
S 20	16 3 13	1°28'38	14°50	21° 5	1°41	28° 0	24°35	25° 1	0° 3	22°57	23°10	25°56	27°33	28°51	15°14	S 20
M21	16 7 9	2°25'55	29° 5	21°16	1°44	28°38	24°30	24°59	0° 1	22°59	23°11	25°D56	27°30	28°58	15°12	M21
T 22	16 11 6	3°23'10	12♌52	21°23	1°R44	29°16	24°25	24°57	29♏58	23° 0	23°12	25°56	27°27	29° 5	15°10	T 22
W23	16 15 2	4°20'24	26°13	21°R25	1°42	29°54	24°21	24°55	29°56	23° 2	23°12	25°57	27°24	29°11	15° 8	W23
T 24	16 18 59	5°17'38	9♍11	21°23	1°38	0♋33	24°17	24°53	29°53	23° 4	23°13	25°R58	27°21	29°18	15° 5	T 24
F 25	16 22 55	6°14'50	21°49	21°16	1°31	1°11	24°13	24°51	29°51	23° 6	23°14	25°56	27°17	29°25	15° 3	F 25
S 26	16 26 52	7°12'02	4♎11	21° 5	1°22	1°49	24° 9	24°49	29°48	23° 8	23°14	25°53	27°14	29°31	15° 1	S 26
S 27	16 30 48	8° 9'13	16°20	20°50	1°11	2°27	24° 5	24°47	29°46	23° 9	23°15	25°48	27°11	29°38	14°58	S 27
M28	16 34 45	9° 6'24	28°22	20°31	0°57	3° 5	24° 1	24°44	29°43	23°11	23°16	25°41	27° 8	29°45	14°55	M28
T 29	16 38 42	10° 3'33	10♏18	20° 9	0°40	3°43	23°58	24°42	29°41	23°13	23°17	25°33	27° 5	29°51	14°53	T 29
W30	16 42 38	11° 0'43	22°10	19°43	0°22	4°21	23°54	24°39	29°39	23°14	23°18	25°24	27° 1	29°58	14°50	W30
T 31	16 46 35	11♊57'52	4♐ 1	19♊14	0♋ 1	4♋59	23♎51	24♑37	29♏36	23♈16	23♌18	25♑16	26♑58	0♐ 5	14♑47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n56	16s41	5s 0	23n29	2n22	27n14	3n44	23n54	1n 3	8s58	1n25	21s33	0s20	20s21	0n 7	7n 3	1s49	26n50	13n44	20s46	20s36	23s58	16s31	6n12
W 2	16 14	20 31	4 50	23 45	2 22	27 13	3 42	23 58	1 3	8 56	1 25	21 33	0 20	20 21	0 7	7 4	1 49	26 49	13 44	20 49	20 36	23 59	16 30	6 12
T 3	16 31	23 29	4 26	23 59	2 22	27 12	3 39	24 2	1 3	8 53	1 25	21 34	0 20	20 20	0 7	7 5	1 49	26 49	13 44	20 51	20 37	24 1	16 30	6 13
F 4	16 48	25 26	3 52	24 11	2 20	27 10	3 36	24 6	1 4	8 51	1 25	21 34	0 20	20 20	0 7	7 6	1 49	26 48	13 43	20 53	20 37	24 2	16 30	6 13
S 5	17 4	26 14	3 7	24 20	2 18	27 8	3 33	24 9	1 4	8 49	1 25	21 34	0 20	20 19	0 7	7 6	1 49	26 48	13 43	20 55	20 38	24 3	16 29	6 14
S 6	17 20	25 50	2 14	24 28	2 15	27 5	3 30	24 13	1 4	8 46	1 24	21 34	0 21	20 19	0 7	7 7	1 49	26 48	13 43	20 56	20 39	24 4	16 29	6 14
M 7	17 36	24 14	1 14	24 33	2 10	27 2	3 27	24 16	1 4	8 44	1 24	21 34	0 21	20 18	0 6	7 8	1 49	26 47	13 42	20 56	20 39	24 5	16 29	6 15
T 8	17 52	21 29	0 11	24 37	2 6	26 58	3 23	24 19	1 4	8 42	1 24	21 34	0 21	20 18	0 6	7 9	1 49	26 47	13 42	20 57	20 40	24 6	16 29	6 15
W 9	18 7	17 44	0n55	24 39	2 0	26 55	3 18	24 22	1 5	8 40	1 24	21 35	0 21	20 17	0 6	7 9	1 49	26 47	13 41	20 57	20 41	24 8	16 28	6 16
T 10	18 22	13 6	1 59	24 39	1 53	26 50	3 14	24 25	1 5	8 38	1 24	21 35	0 21	20 17	0 6	7 10	1 49	26 46	13 41	20 56	20 41	24 9	16 28	6 16
F 11	18 37	7 45	3 0	24 37	1 46	26 45	3 9	24 27	1 5	8 36	1 23	21 35	0 21	20 16	0 6	7 11	1 49	26 46	13 41	20 57	20 42	24 10	16 28	6 16
S 12	18 52	1 54	3 52	24 34	1 37	26 40	3 4	24 30	1 5	8 34	1 23	21 35	0 21	20 16	0 6	7 12	1 49	26 45	13 40	20 57	20 43	24 11	16 27	6 17
S 13	19 6	4n15	4 33	24 30	1 28	26 34	2 58	24 32	1 5	8 32	1 23	21 36	0 21	20 15	0 6	7 12	1 49	26 45	13 40	20 58	20 43	24 12	16 27	6 17
M14	19 20	10 22	4 58	24 24	1 18	26 28	2 52	24 34	1 5	8 30	1 23	21 36	0 21	20 15	0 6	7 13	1 50	26 44	13 40	20 59	20 44	24 13	16 27	6 18
T 15	19 33	16 5	5 4	24 16	1 8	26 22	2 46	24 36	1 6	8 28	1 23	21 36	0 22	20 14	0 6	7 14	1 50	26 44	13 39	21 1	20 44	24 14	16 27	6 18
W16	19 46	20 56	4 49	24 8	0 56	26 15	2 39	24 37	1 6	8 26	1 22	21 37	0 22	20 14	0 6	7 14	1 50	26 43	13 39	21 2	20 45	24 15	16 27	6 19
T 17	19 59	24 24	4 14	23 58	0 44	26 8	2 32	24 39	1 6	8 25	1 22	21 37	0 22	20 13	0 6	7 15	1 50	26 43	13 39	21 4	20 46	24 17	16 26	6 19
F 18	20 12	26 5	3 20	23 47	0 31	26 0	2 24	24 40	1 6	8 23	1 22	21 38	0 22	20 13	0 6	7 16	1 50	26 42	13 38	21 5	20 46	24 18	16 26	6 19
S 19	20 24	25 50	2 14	23 34	0 17	25 52	2 16	24 41	1 6	8 21	1 22	21 38	0 22	20 12	0 6	7 16	1 50	26 42	13 38	21 6	20 47	24 19	16 26	6 20
S 20	20 36	23 45	0 59	23 21	0 3	25 43	2 8	24 42	1 6	8 20	1 21	21 38	0 22	20 12	0 6	7 17	1 50	26 41	13 38	21 6	20 48	24 20	16 26	6 20
M21	20 47	20 13	0s17	23 7	0s12	25 35	1 59	24 42	1 7	8 18	1 21	21 39	0 22	20 11	0 6	7 18	1 50	26 41	13 37	21 6	20 48	24 21	16 26	6 21
T 22	20 59	15 38	1 30	22 52	0 27	25 25	1 50	24 43	1 7	8 17	1 21	21 39	0 22	20 11	0 6	7 18	1 50	26 40	13 37	21 6	20 49	24 22	16 26	6 21
W23	21 9	10 26	2 35	22 37	0 43	25 16	1 40	24 43	1 7	8 15	1 21	21 40	0 23	20 10	0 6	7 19	1 50	26 40	13 37	21 6	20 50	24 23	16 25	6 21
T 24	21 20	4 55	3 31	22 20	0 59	25 6	1 30	24 43	1 7	8 14	1 20	21 40	0 23	20 10	0 6	7 20	1 50	26 39	13 36	21 6	20 50	24 24	16 25	6 22
F 25	21 30	0s38	4 15	22 3	1 16	24 55	1 19	24 43	1 7	8 13	1 20	21 41	0 23	20 9	0 6	7 20	1 50	26 39	13 36	21 6	20 51	24 25	16 25	6 22
S 26	21 40	6 2	4 46	21 46	1 32	24 44	1 8	24 43	1 7	8 11	1 20	21 41	0 23	20 9	0 6	7 21	1 50	26 38	13 36	21 7	20 51	24 26	16 25	6 22
S 27	21 49	11 8	5 3	21 28	1 49	24 33	0 57	24 42	1 7	8 10	1 20	21 42	0 23	20 8	0 6	7 21	1 50	26 37	13 35	21 8	20 52	24 27	16 25	6 23
M28	21 58	15 44	5 7	21 10	2 6	24 21	0 45	24 42	1 7	8 9	1 19	21 42	0 23	20 8	0 6	7 22	1 50	26 37	13 35	21 9	20 53	24 28	16 25	6 23
T 29	22 7	19 42	4 57	20 52	2 22	24 9	0 33	24 41	1 8	8 8	1 19	21 43	0 23	20 7	0 6	7 23	1 50	26 36	13 35	21 11	20 53	24 29	16 25	6 23
W30	22 15	22 52	4 35	20 34	2 38	23 57	0 21	24 40	1 8	8 7	1 19	21 43	0 23	20 7	0 6	7 23	1 50	26 36	13 34	21 12	20 54	24 30	16 25	6 24
T 31	22n23	25s 2	4s 1	20n17	2s54	23n44	0n 8	24n38	1n 8	8s 6	1n19	21s44	0s23	20s 6	0n 6	7n24	1s50	26n35	13n34	21s14	20s55	24s31	16s25	6n24

Julian Day Number = 1985984.5, Delta T = 57m00s
Ecliptic obliquity = 23°36'19, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'05, Lahiri = 6°06'06 Julian Calendar 1 May 725 == Greg. Calendar 5 May 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

JUNE 725 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 50 31	12♊55'01	15♐53	18°R43	29°R38	5♋37	23°R48	24°R34	29°R34	23♈18	23♌19	25°R10	26♑55	0♐12	14°R45	F 1
S 2	16 54 28	13°52'09	27°47	18♊10	29♊12	6°15	23♎45	24♑31	29♏32	23°19	23°20	25♑ 5	26°52	0°18	14♑42	S 2
S 3	16 58 24	14°49'17	9♑46	17°35	28°45	6°54	23°43	24°29	29°29	23°21	23°21	25° 2	26°49	0°25	14°39	S 3
M 4	17 2 21	15°46'25	21°51	17° 0	28°16	7°32	23°40	24°26	29°27	23°22	23°22	25°D 0	26°46	0°32	14°36	M 4
T 5	17 6 17	16°43'33	4♒ 6	16°24	27°45	8°10	23°38	24°23	29°25	23°24	23°23	25° 1	26°42	0°38	14°33	T 5
W 6	17 10 14	17°40'41	16°32	15°49	27°13	8°48	23°36	24°20	29°22	23°25	23°24	25° 2	26°39	0°45	14°30	W 6
T 7	17 14 11	18°37'50	29°15	15°15	26°39	9°26	23°34	24°17	29°20	23°27	23°25	25° 4	26°36	0°52	14°27	T 7
F 8	17 18 7	19°34'58	12♓17	14°42	26° 4	10° 4	23°32	24°13	29°18	23°28	23°27	25° 5	26°33	0°58	14°24	F 8
S 9	17 22 4	20°32'06	25°42	14°12	25°28	10°42	23°31	24°10	29°15	23°30	23°28	25°R 5	26°30	1° 5	14°21	S 9
S 10	17 26 0	21°29'15	9♈31	13°44	24°52	11°20	23°29	24° 7	29°13	23°31	23°29	25° 4	26°27	1°12	14°18	S 10
M11	17 29 57	22°26'24	23°45	13°20	24°15	11°58	23°28	24° 3	29°11	23°32	23°30	25° 1	26°23	1°19	14°15	M11
T 12	17 33 53	23°23'34	8♉22	12°59	23°37	12°36	23°27	24° 0	29° 9	23°34	23°31	24°57	26°20	1°25	14°12	T 12
W13	17 37 50	24°20'43	23°18	12°42	23° 0	13°14	23°26	23°56	29° 7	23°35	23°32	24°53	26°17	1°32	14° 9	W13
T 14	17 41 46	25°17'54	8♊24	12°30	22°23	13°52	23°25	23°53	29° 5	23°36	23°34	24°49	26°14	1°39	14° 5	T 14
F 15	17 45 43	26°15'04	23°31	12°22	21°46	14°30	23°25	23°49	29° 2	23°38	23°35	24°46	26°11	1°45	14° 2	F 15
S 16	17 49 40	27°12'15	8♋31	12°D19	21°10	15° 8	23°25	23°45	29° 0	23°39	23°36	24°44	26° 7	1°52	13°59	S 16
S 17	17 53 36	28° 9'26	23°13	12°21	20°35	15°46	23°D24	23°42	28°58	23°40	23°38	24°D43	26° 4	1°59	13°56	S 17
M18	17 57 33	29° 6'36	7♌34	12°28	20° 0	16°24	23°25	23°38	28°56	23°41	23°39	24°43	26° 1	2° 5	13°52	M18
T 19	18 1 29	0♋ 3'47	21°28	12°40	19°28	17° 2	23°25	23°34	28°54	23°42	23°40	24°45	25°58	2°12	13°49	T 19
W20	18 5 26	1° 0'58	4♍56	12°58	18°56	17°40	23°25	23°30	28°52	23°44	23°42	24°46	25°55	2°19	13°46	W20
T 21	18 9 22	1°58'09	17°59	13°21	18°26	18°18	23°26	23°26	28°50	23°45	23°43	24°47	25°52	2°26	13°42	T 21
F 22	18 13 19	2°55'20	0♎39	13°49	17°58	18°56	23°27	23°22	28°48	23°46	23°45	24°R48	25°48	2°32	13°39	F 22
S 23	18 17 16	3°52'31	13° 2	14°23	17°32	19°34	23°28	23°18	28°47	23°47	23°46	24°48	25°45	2°39	13°35	S 23
S 24	18 21 12	4°49'42	25°11	15° 2	17° 8	20°12	23°29	23°14	28°45	23°48	23°48	24°46	25°42	2°46	13°32	S 24
M25	18 25 9	5°46'54	7♏ 9	15°46	16°46	20°50	23°30	23°10	28°43	23°49	23°49	24°44	25°39	2°52	13°28	M25
T 26	18 29 5	6°44'06	19° 3	16°35	16°27	21°28	23°31	23° 6	28°41	23°50	23°51	24°42	25°36	2°59	13°25	T 26
W27	18 33 2	7°41'18	0♐54	17°30	16° 9	22° 6	23°33	23° 2	28°39	23°51	23°52	24°39	25°33	3° 6	13°21	W27
T 28	18 36 58	8°38'31	12°45	18°30	15°54	22°44	23°35	22°57	28°38	23°51	23°54	24°37	25°29	3°12	13°18	T 28
F 29	18 40 55	9°35'44	24°41	19°35	15°41	23°22	23°37	22°53	28°36	23°52	23°55	24°35	25°26	3°19	13°15	F 29
S 30	18 44 51	10♋32'58	6♑42	20♊44	15♊31	24♋ 0	23♎39	22♑49	28♏35	23♈53	23♌57	24♑33	25♑23	3♐26	13♑11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n30	26s 6	3s16	19n59	3s 9	23n31	0s 5	24n37	1n 8	8s 5	1n18	21s45	0s24	20s 6	0n 6	7n24	1s50	26n34	13n34	21s15	20s55	24s32	16s25	6n24
S 2	22 37	25 57	2 22	19 43	3 23	23 17	0 19	24 35	1 8	8 4	1 18	21 45	0 24	20 5	0 6	7 25	1 50	26 34	13 33	21 16	20 56	24 33	16 25	6 25
S 3	22 44	24 36	1 22	19 26	3 36	23 3	0 32	24 34	1 8	8 4	1 18	21 46	0 24	20 5	0 6	7 25	1 50	26 33	13 33	21 16	20 56	24 34	16 25	6 25
M 4	22 50	22 6	0 17	19 11	3 48	22 49	0 46	24 32	1 8	8 3	1 18	21 46	0 24	20 4	0 6	7 26	1 50	26 32	13 33	21 17	20 57	24 35	16 25	6 25
T 5	22 56	18 34	0n49	18 57	3 59	22 35	1 0	24 29	1 8	8 2	1 17	21 47	0 24	20 4	0 6	7 26	1 50	26 32	13 32	21 17	20 58	24 36	16 25	6 25
W 6	23 2	14 10	1 55	18 44	4 8	22 20	1 14	24 27	1 8	8 2	1 17	21 48	0 24	20 3	0 6	7 27	1 50	26 31	13 32	21 16	20 58	24 37	16 25	6 26
T 7	23 7	9 4	2 56	18 32	4 16	22 5	1 29	24 24	1 9	8 1	1 17	21 48	0 24	20 3	0 6	7 27	1 51	26 30	13 32	21 16	20 59	24 38	16 25	6 26
F 8	23 12	3 28	3 49	18 22	4 23	21 50	1 43	24 22	1 9	8 1	1 16	21 49	0 24	20 2	0 6	7 28	1 51	26 30	13 31	21 16	20 59	24 39	16 25	6 26
S 9	23 16	2n26	4 32	18 14	4 28	21 35	1 57	24 19	1 9	8 1	1 16	21 50	0 24	20 2	0 6	7 28	1 51	26 29	13 31	21 16	21 0	24 40	16 25	6 27
S 10	23 20	8 24	5 1	18 7	4 32	21 20	2 11	24 16	1 9	8 1	1 16	21 50	0 25	20 1	0 6	7 29	1 51	26 28	13 31	21 16	21 1	24 41	16 25	6 27
M11	23 23	14 6	5 12	18 2	4 34	21 4	2 24	24 12	1 9	8 0	1 16	21 51	0 25	20 1	0 6	7 29	1 51	26 28	13 30	21 17	21 1	24 42	16 25	6 27
T 12	23 26	19 11	5 4	17 59	4 34	20 49	2 38	24 9	1 9	8 0	1 15	21 52	0 25	20 0	0 6	7 30	1 51	26 27	13 30	21 17	21 2	24 43	16 25	6 27
W13	23 29	23 9	4 35	17 57	4 34	20 34	2 51	24 5	1 9	8 0	1 15	21 53	0 25	20 0	0 6	7 30	1 51	26 26	13 30	21 18	21 2	24 44	16 26	6 27
T 14	23 31	25 35	3 47	17 58	4 31	20 19	3 4	24 1	1 9	8 0	1 15	21 53	0 25	19 59	0 6	7 31	1 51	26 26	13 30	21 19	21 3	24 44	16 26	6 28
F 15	23 33	26 9	2 43	18 0	4 28	20 4	3 17	23 57	1 9	8 0	1 14	21 54	0 25	19 59	0 6	7 31	1 51	26 25	13 29	21 19	21 4	24 45	16 26	6 28
S 16	23 35	24 47	1 28	18 5	4 23	19 50	3 29	23 53	1 9	8 0	1 14	21 55	0 25	19 59	0 6	7 31	1 51	26 24	13 29	21 20	21 4	24 46	16 26	6 28
S 17	23 36	21 44	0 8	18 11	4 17	19 36	3 41	23 49	1 9	8 1	1 14	21 56	0 25	19 58	0 6	7 32	1 51	26 24	13 29	21 20	21 5	24 47	16 26	6 28
M18	23 36	17 23	1s10	18 19	4 10	19 22	3 52	23 44	1 9	8 1	1 14	21 56	0 25	19 58	0 6	7 32	1 51	26 23	13 28	21 20	21 5	24 48	16 26	6 28
T 19	23 36	12 12	2 22	18 29	4 2	19 9	4 3	23 39	1 9	8 1	1 13	21 57	0 26	19 57	0 6	7 33	1 51	26 22	13 28	21 20	21 6	24 49	16 26	6 29
W20	23 36	6 37	3 23	18 40	3 53	18 57	4 13	23 35	1 9	8 2	1 13	21 58	0 26	19 57	0 6	7 33	1 51	26 21	13 28	21 19	21 7	24 50	16 27	6 29
T 21	23 35	0 55	4 12	18 52	3 43	18 45	4 22	23 29	1 10	8 2	1 13	21 59	0 26	19 56	0 6	7 33	1 51	26 21	13 28	21 19	21 7	24 51	16 27	6 29
F 22	23 34	4s39	4 48	19 6	3 32	18 33	4 31	23 24	1 10	8 3	1 12	21 59	0 26	19 56	0 6	7 34	1 51	26 20	13 27	21 19	21 8	24 51	16 27	6 29
S 23	23 33	9 54	5 8	19 22	3 21	18 23	4 39	23 19	1 10	8 3	1 12	22 0	0 26	19 56	0 6	7 34	1 51	26 19	13 27	21 19	21 8	24 52	16 27	6 29
S 24	23 31	14 41	5 15	19 38	3 9	18 13	4 47	23 13	1 10	8 4	1 12	22 1	0 26	19 55	0 6	7 34	1 51	26 18	13 27	21 19	21 9	24 53	16 27	6 29
M25	23 29	18 50	5 8	19 55	2 56	18 4	4 54	23 7	1 10	8 5	1 12	22 2	0 26	19 55	0 6	7 35	1 52	26 18	13 27	21 20	21 10	24 54	16 28	6 29
T 26	23 26	22 12	4 47	20 13	2 43	17 55	5 1	23 2	1 10	8 6	1 11	22 3	0 26	19 55	0 6	7 35	1 52	26 17	13 26	21 20	21 10	24 55	16 28	6 29
W27	23 23	24 37	4 14	20 31	2 30	17 48	5 6	22 55	1 10	8 6	1 11	22 3	0 26	19 54	0 6	7 35	1 52	26 16	13 26	21 21	21 11	24 55	16 28	6 30
T 28	23 19	25 58	3 31	20 50	2 17	17 41	5 12	22 49	1 10	8 7	1 11	22 4	0 27	19 54	0 6	7 35	1 52	26 15	13 26	21 21	21 11	24 56	16 28	6 30
F 29	23 15	26 7	2 38	21 9	2 3	17 35	5 17	22 43	1 10	8 8	1 10	22 5	0 27	19 53	0 6	7 36	1 52	26 15	13 26	21 21	21 12	24 57	16 29	6 30
S 30	23n11	25s 3	1s37	21n28	1s49	17n30	5s21	22n36	1n10	8s10	1n10	22s 6	0s27	19s53	0n 6	7n36	1s52	26n14	13n26	21s22	21s13	24s58	16s29	6n30

Julian Day Number = 1986015.5, Delta T = 57m00s
Ecliptic obliquity = 23°36'18, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'09, Lahiri = 6°06'10 Julian Calendar 1 June 725 == Greg. Calendar 5 June 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

JULY 725 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 48 48	11♋30'13	18♉50	21♊59	15°R23	24♋38	23♎42	22°R45	28°R33	23♈54	23♏59	24°D33	25♉20	3♐33	13°R 8	S 1
M 2	18 52 45	12°27'28	1♒ 8	23°18	15♊18	25°16	23°44	22♉40	28♏31	23°55	24° 0	24♉33	25°17	3°39	13♉ 4	M 2
T 3	18 56 41	13°24'44	13°37	24°42	15°15	25°54	23°47	22°36	28°30	23°55	24° 2	24°33	25°13	3°46	13° 1	T 3
W 4	19 0 38	14°22'00	26°18	26°11	15°D14	26°33	23°50	22°31	28°28	23°56	24° 4	24°34	25°10	3°53	12°57	W 4
T 5	19 4 34	15°19'18	9♓13	27°44	15°15	27°11	23°53	22°27	28°27	23°57	24° 5	24°35	25° 7	3°59	12°54	T 5
F 6	19 8 31	16°16'37	22°25	29°21	15°19	27°49	23°56	22°23	28°26	23°57	24° 7	24°36	25° 4	4° 6	12°50	F 6
S 7	19 12 27	17°13'57	5♈53	1♋ 2	15°25	28°27	23°59	22°18	28°24	23°58	24° 9	24°36	25° 1	4°13	12°47	S 7
S 8	19 16 24	18°11'18	19°40	2°46	15°34	29° 5	24° 3	22°14	28°23	23°59	24°11	24°R36	24°58	4°19	12°43	S 8
M 9	19 20 20	19° 8'40	3♉44	4°34	15°44	29°43	24° 7	22° 9	28°22	23°59	24°12	24°36	24°54	4°26	12°40	M 9
T 10	19 24 17	20° 6'04	18° 6	6°26	15°56	0♌21	24°11	22° 5	28°20	24° 0	24°14	24°36	24°51	4°33	12°36	T 10
W11	19 28 14	21° 3'29	2♊41	8°19	16°11	0°59	24°15	22° 0	28°19	24° 0	24°16	24°35	24°48	4°39	12°33	W11
T 12	19 32 10	22° 0'55	17°26	10°16	16°27	1°37	24°19	21°56	28°18	24° 0	24°18	24°35	24°45	4°46	12°29	T 12
F 13	19 36 7	22°58'23	2♋13	12°14	16°46	2°15	24°23	21°51	28°17	24° 1	24°20	24°35	24°42	4°53	12°26	F 13
S 14	19 40 3	23°55'52	16°56	14°14	17° 6	2°53	24°28	21°47	28°16	24° 1	24°22	24°D35	24°39	5° 0	12°23	S 14
S 15	19 44 0	24°53'21	1♌28	16°16	17°28	3°31	24°33	21°43	28°15	24° 2	24°23	24°R35	24°35	5° 6	12°19	S 15
M16	19 47 56	25°50'52	15°43	18°18	17°52	4° 9	24°38	21°38	28°14	24° 2	24°25	24°35	24°32	5°13	12°16	M16
T 17	19 51 53	26°48'24	29°36	20°22	18°17	4°47	24°43	21°34	28°13	24° 2	24°27	24°35	24°29	5°20	12°13	T 17
W18	19 55 49	27°45'57	13♍ 6	22°25	18°44	5°25	24°48	21°29	28°12	24° 2	24°29	24°34	24°26	5°26	12° 9	W18
T 19	19 59 46	28°43'31	26°12	24°29	19°12	6° 4	24°53	21°25	28°12	24° 3	24°31	24°34	24°23	5°33	12° 6	T 19
F 20	20 3 43	29°41'05	8♎57	26°32	19°42	6°42	24°59	21°20	28°11	24° 3	24°33	24°33	24°19	5°40	12° 3	F 20
S 21	20 7 39	0♌38'41	21°22	28°35	20°13	7°20	25° 4	21°16	28°10	24° 3	24°35	24°33	24°16	5°46	11°59	S 21
S 22	20 11 36	1°36'18	3♏31	0♌38	20°46	7°58	25°10	21°12	28° 9	24° 3	24°37	24°D33	24°13	5°53	11°56	S 22
M23	20 15 32	2°33'56	15°31	2°40	21°20	8°36	25°16	21° 7	28° 9	24° 3	24°39	24°33	24°10	6° 0	11°53	M23
T 24	20 19 29	3°31'35	27°23	4°40	21°55	9°14	25°22	21° 3	28° 8	24° 3	24°41	24°34	24° 7	6° 6	11°50	T 24
W25	20 23 25	4°29'15	9♐14	6°40	22°32	9°52	25°28	20°59	28° 8	24°R 3	24°43	24°35	24° 4	6°13	11°47	W25
T 26	20 27 22	5°26'57	21° 8	8°39	23°10	10°30	25°35	20°54	28° 7	24° 3	24°45	24°36	24° 0	6°20	11°44	T 26
F 27	20 31 18	6°24'39	3♑ 8	10°36	23°49	11° 9	25°41	20°50	28° 7	24° 3	24°47	24°37	23°57	6°27	11°41	F 27
S 28	20 35 15	7°22'23	15°16	12°32	24°29	11°47	25°48	20°46	28° 6	24° 3	24°49	24°37	23°54	6°33	11°38	S 28
S 29	20 39 12	8°20'08	27°37	14°27	25°10	12°25	25°55	20°42	28° 6	24° 3	24°51	24°R38	23°51	6°40	11°35	S 29
M30	20 43 8	9°17'55	10♒11	16°21	25°52	13° 3	26° 2	20°38	28° 6	24° 3	24°53	24°37	23°48	6°47	11°32	M30
T 31	20 47 5	10♌15'43	22♒59	18♌13	26♊35	13♌41	26♎ 9	20♑34	28♏ 6	24♈ 3	24♌55	24♑36	23♑45	6♐53	11♑29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	22s47	0s32	21n47	1s35	17n25	5s24	22n29	1n10	8s11	1n10	22s 7	0s27	19s53	0n 6	7n36	1s52	26n13	13n25	21s22	21s13	24s59	16s29	6n30
M 2	23 1	19 27	0n36	22 5	1 21	17 22	5 27	22 22	1 10	8 12	1 10	22 8	0 27	19 52	0 6	7 36	1 52	26 12	13 25	21 22	21 14	24 59	16 29	6 30
T 3	22 55	15 12	1 44	22 23	1 7	17 19	5 30	22 15	1 10	8 13	1 9	22 8	0 27	19 52	0 6	7 37	1 52	26 11	13 25	21 22	21 14	25 0	16 30	6 30
W 4	22 49	10 13	2 47	22 40	0 53	17 17	5 32	22 8	1 10	8 14	1 9	22 9	0 27	19 52	0 6	7 37	1 52	26 11	13 25	21 21	21 15	25 1	16 30	6 30
T 5	22 43	4 43	3 43	22 56	0 39	17 15	5 34	22 1	1 10	8 16	1 9	22 10	0 27	19 51	0 6	7 37	1 52	26 10	13 25	21 21	21 15	25 2	16 30	6 30
F 6	22 36	1n 5	4 29	23 10	0 26	17 14	5 35	21 53	1 10	8 17	1 9	22 11	0 27	19 51	0 6	7 37	1 52	26 9	13 24	21 21	21 16	25 2	16 31	6 30
S 7	22 29	6 56	5 0	23 23	0 13	17 14	5 36	21 45	1 10	8 19	1 8	22 12	0 27	19 51	0 6	7 37	1 52	26 8	13 24	21 21	21 17	25 3	16 31	6 30
S 8	22 22	12 36	5 16	23 34	0 0	17 14	5 36	21 37	1 10	8 20	1 8	22 13	0 27	19 51	0 6	7 37	1 52	26 8	13 24	21 21	21 17	25 4	16 31	6 30
M 9	22 14	17 45	5 13	23 43	0n12	17 15	5 37	21 29	1 10	8 22	1 8	22 13	0 28	19 50	0 6	7 38	1 52	26 7	13 24	21 21	21 18	25 5	16 32	6 30
T 10	22 5	21 59	4 51	23 50	0 23	17 17	5 36	21 21	1 10	8 24	1 7	22 14	0 28	19 50	0 6	7 38	1 52	26 6	13 24	21 21	21 18	25 5	16 32	6 30
W11	21 57	24 55	4 10	23 54	0 34	17 19	5 36	21 13	1 10	8 25	1 7	22 15	0 28	19 50	0 6	7 38	1 53	26 5	13 23	21 21	21 19	25 6	16 32	6 30
T 12	21 47	26 11	3 12	23 56	0 44	17 22	5 35	21 4	1 10	8 27	1 7	22 16	0 28	19 50	0 6	7 38	1 53	26 4	13 23	21 21	21 19	25 7	16 33	6 30
F 13	21 38	25 36	2 1	23 56	0 54	17 25	5 33	20 56	1 10	8 29	1 7	22 17	0 28	19 49	0 6	7 38	1 53	26 4	13 23	21 21	21 20	25 7	16 33	6 30
S 14	21 28	23 13	0 42	23 52	1 3	17 28	5 32	20 47	1 10	8 31	1 6	22 17	0 28	19 49	0 6	7 38	1 53	26 3	13 23	21 21	21 21	25 8	16 33	6 30
S 15	21 18	19 21	0s38	23 46	1 11	17 32	5 30	20 38	1 10	8 33	1 6	22 18	0 28	19 49	0 6	7 38	1 53	26 2	13 23	21 21	21 21	25 9	16 34	6 30
M16	21 7	14 25	1 55	23 38	1 18	17 36	5 28	20 29	1 10	8 35	1 6	22 19	0 28	19 49	0 6	7 38	1 53	26 1	13 23	21 21	21 22	25 10	16 34	6 29
T 17	20 56	8 51	3 2	23 26	1 24	17 41	5 26	20 20	1 10	8 37	1 6	22 20	0 28	19 49	0 6	7 38	1 53	26 0	13 23	21 21	21 22	25 10	16 35	6 29
W18	20 45	3 1	3 58	23 12	1 30	17 45	5 23	20 10	1 10	8 39	1 5	22 21	0 28	19 48	0 6	7 38	1 53	26 0	13 23	21 21	21 23	25 11	16 35	6 29
T 19	20 33	2s45	4 39	22 55	1 34	17 50	5 20	20 1	1 10	8 42	1 5	22 21	0 28	19 48	0 6	7 38	1 53	25 59	13 22	21 21	21 23	25 12	16 35	6 29
F 20	20 21	8 14	5 5	22 36	1 38	17 56	5 17	19 51	1 10	8 44	1 5	22 22	0 29	19 48	0 6	7 38	1 53	25 58	13 22	21 22	21 24	25 12	16 36	6 29
S 21	20 9	13 16	5 17	22 14	1 41	18 1	5 14	19 41	1 10	8 46	1 5	22 23	0 29	19 48	0 6	7 38	1 53	25 57	13 22	21 22	21 25	25 13	16 36	6 29
S 22	19 56	17 40	5 13	21 51	1 44	18 7	5 11	19 31	1 10	8 48	1 4	22 24	0 29	19 48	0 6	7 38	1 53	25 57	13 22	21 22	21 25	25 13	16 37	6 29
M23	19 43	21 19	4 56	21 25	1 45	18 12	5 7	19 21	1 10	8 51	1 4	22 24	0 29	19 48	0 6	7 38	1 53	25 56	13 22	21 22	21 26	25 14	16 37	6 29
T 24	19 30	24 2	4 27	20 57	1 46	18 18	5 4	19 11	1 9	8 53	1 4	22 25	0 29	19 48	0 6	7 38	1 53	25 55	13 22	21 21	21 26	25 15	16 37	6 28
W25	19 16	25 42	3 46	20 27	1 47	18 24	5 0	19 1	1 9	8 56	1 4	22 26	0 29	19 47	0 6	7 38	1 53	25 54	13 22	21 21	21 27	25 15	16 38	6 28
T 26	19 2	26 13	2 55	19 56	1 46	18 30	4 56	18 50	1 9	8 58	1 3	22 27	0 29	19 47	0 6	7 38	1 54	25 53	13 22	21 21	21 27	25 16	16 38	6 28
F 27	18 48	25 30	1 56	19 23	1 45	18 36	4 52	18 40	1 9	9 1	1 3	22 27	0 29	19 47	0 5	7 38	1 54	25 53	13 22	21 21	21 28	25 16	16 39	6 28
S 28	18 33	23 35	0 52	18 49	1 44	18 42	4 48	18 29	1 9	9 4	1 3	22 28	0 29	19 47	0 5	7 38	1 54	25 52	13 22	21 21	21 28	25 17	16 39	6 28
S 29	18 18	20 31	0n17	18 14	1 42	18 48	4 43	18 18	1 9	9 6	1 3	22 29	0 29	19 47	0 5	7 38	1 54	25 51	13 22	21 21	21 29	25 18	16 40	6 28
M30	18 3	16 27	1 25	17 37	1 39	18 54	4 39	18 7	1 9	9 9	1 2	22 29	0 29	19 47	0 5	7 38	1 54	25 50	13 22	21 21	21 30	25 18	16 40	6 27
T 31	17n48	11s35	2n30	17n 0	1n36	18n59	4s34	17n56	1n 9	9s12	1n 2	22s30	0s29	19s47	0n 5	7n38	1s54	25n50	13n22	21s21	21s30	25s19	16s41	6n27

Julian Day Number = 1986045.5, Delta T = 56m59s
Ecliptic obliquity = 23°36'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'14, Lahiri = 6°06'14 Julian Calendar 1 July 725 == Greg. Calendar 5 July 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

AUGUST 725 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 51 1	11♌13'33	6♓ 2	20♌ 4	27♊19	14♌20	26♎16	20°R30	28°R 5	24°R 2	24♌57	24°R34	23♑41	7♐ 0	11°R26	W 1
T 2	20 54 58	12°11'24	19°18	21°54	28° 4	14°58	26°23	20♑26	28♏ 5	24♈ 2	24°59	24♑31	23°38	7° 7	11♑23	T 2
F 3	20 58 54	13° 9'17	2♈49	23°42	28°50	15°36	26°31	20°22	28° 5	24° 2	25° 1	24°29	23°35	7°13	11°21	F 3
S 4	21 2 51	14° 7'12	16°31	25°29	29°37	16°14	26°38	20°18	28°D 5	24° 2	25° 3	24°27	23°32	7°20	11°18	S 4
S 5	21 6 47	15° 5'09	0♉24	27°15	0♋24	16°53	26°46	20°14	28° 5	24° 1	25° 5	24°25	23°29	7°27	11°15	S 5
M 6	21 10 44	16° 3'08	14°28	28°59	1°12	17°31	26°54	20°10	28° 5	24° 1	25° 7	24°D25	23°25	7°33	11°13	M 6
T 7	21 14 41	17° 1'09	28°39	0♍42	2° 2	18° 9	27° 2	20° 6	28° 6	24° 0	25° 9	24°25	23°22	7°40	11°10	T 7
W 8	21 18 37	17°59'12	12♊56	2°24	2°52	18°47	27°10	20° 3	28° 6	24° 0	25°12	24°26	23°19	7°47	11° 8	W 8
T 9	21 22 34	18°57'17	27°17	4° 4	3°42	19°26	27°18	19°59	28° 6	23°59	25°14	24°28	23°16	7°53	11° 5	T 9
F 10	21 26 30	19°55'25	11♋38	5°44	4°34	20° 4	27°26	19°56	28° 6	23°59	25°16	24°29	23°13	8° 0	11° 3	F 10
S 11	21 30 27	20°53'33	25°55	7°22	5°25	20°42	27°35	19°52	28° 7	23°58	25°18	24°R29	23°10	8° 7	11° 0	S 11
S 12	21 34 23	21°51'44	10♌ 5	8°58	6°18	21°21	27°43	19°49	28° 7	23°58	25°20	24°28	23° 6	8°14	10°58	S 12
M13	21 38 20	22°49'57	24° 2	10°34	7°11	21°59	27°52	19°45	28° 7	23°57	25°22	24°26	23° 3	8°20	10°56	M13
T 14	21 42 16	23°48'11	7♍44	12° 8	8° 5	22°37	28° 1	19°42	28° 8	23°57	25°24	24°23	23° 0	8°27	10°54	T 14
W15	21 46 13	24°46'27	21° 8	13°42	9° 0	23°16	28°10	19°39	28° 8	23°56	25°26	24°18	22°57	8°34	10°52	W15
T 16	21 50 10	25°44'45	4♎11	15°14	9°55	23°54	28°19	19°36	28° 9	23°55	25°28	24°13	22°54	8°40	10°50	T 16
F 17	21 54 6	26°43'05	16°55	16°44	10°50	24°33	28°28	19°32	28°10	23°55	25°31	24° 8	22°51	8°47	10°48	F 17
S 18	21 58 3	27°41'26	29°20	18°14	11°46	25°11	28°37	19°29	28°10	23°54	25°33	24° 4	22°47	8°54	10°46	S 18
S 19	22 1 59	28°39'49	11♏31	19°42	12°43	25°49	28°47	19°26	28°11	23°53	25°35	24° 1	22°44	9° 0	10°44	S 19
M20	22 5 56	29°38'14	23°30	21° 9	13°40	26°28	28°56	19°24	28°12	23°52	25°37	23°59	22°41	9° 7	10°42	M20
T 21	22 9 52	0♍36'40	5♐22	22°35	14°37	27° 6	29° 6	19°21	28°13	23°51	25°39	23°D59	22°38	9°14	10°40	T 21
W22	22 13 49	1°35'08	17°13	24° 0	15°35	27°45	29°16	19°18	28°14	23°50	25°41	24° 0	22°35	9°20	10°39	W22
T 23	22 17 45	2°33'38	29° 7	25°24	16°34	28°23	29°25	19°15	28°15	23°50	25°43	24° 2	22°31	9°27	10°37	T 23
F 24	22 21 42	3°32'09	11♑ 9	26°46	17°33	29° 2	29°35	19°13	28°16	23°49	25°45	24° 3	22°28	9°34	10°35	F 24
S 25	22 25 39	4°30'42	23°24	28° 6	18°32	29°40	29°45	19°10	28°17	23°48	25°47	24°R 4	22°25	9°40	10°34	S 25
S 26	22 29 35	5°29'17	5♒55	29°26	19°32	0♍19	29°55	19° 8	28°18	23°47	25°49	24° 3	22°22	9°47	10°33	S 26
M27	22 33 32	6°27'54	18°43	0♎44	20°32	0°57	0♏ 5	19° 6	28°19	23°46	25°52	24° 1	22°19	9°54	10°31	M27
T 28	22 37 28	7°26'33	1♓51	2° 0	21°32	1°36	0°16	19° 3	28°20	23°45	25°54	23°56	22°16	10° 0	10°30	T 28
W29	22 41 25	8°25'13	15°18	3°15	22°33	2°14	0°26	19° 1	28°22	23°44	25°56	23°50	22°12	10° 7	10°29	W29
T 30	22 45 21	9°23'56	29° 1	4°29	23°34	2°53	0°37	18°59	28°23	23°43	25°58	23°43	22° 9	10°14	10°28	T 30
F 31	22 49 18	10♍22'41	12♈58	5♎40	24♋36	3♍32	0♏47	18♑57	28♏24	23♈41	26♌ 0	23♑35	22♑ 6	10♐20	10♑26	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n32	6s 7	3n29	16n21	1n32	19n 5	4s30	17n45	1n 9	9s15	1n 2	22s31	0s29	19s47	0n 5	7n37	1s54	25n49	13n21	21s21	21s31	25s19	16s41	6n27
T 2	17 16	0 19	4 18	15 42	1 28	19 11	4 25	17 33	1 9	9 18	1 2	22 32	0 29	19 47	0 5	7 37	1 54	25 48	13 21	21 22	21 31	25 20	16 41	6 27
F 3	16 59	5n36	4 53	15 2	1 24	19 16	4 20	17 22	1 9	9 21	1 1	22 32	0 30	19 47	0 5	7 37	1 54	25 47	13 21	21 22	21 32	25 20	16 42	6 26
S 4	16 42	11 20	5 12	14 21	1 19	19 21	4 15	17 10	1 9	9 24	1 1	22 33	0 30	19 47	0 5	7 37	1 54	25 47	13 21	21 23	21 32	25 21	16 42	6 26
S 5	16 25	16 34	5 13	13 40	1 14	19 26	4 10	16 59	1 9	9 27	1 1	22 33	0 30	19 47	0 5	7 37	1 54	25 46	13 21	21 23	21 33	25 22	16 43	6 26
M 6	16 8	20 59	4 56	12 59	1 9	19 31	4 5	16 47	1 9	9 30	1 1	22 34	0 30	19 47	0 5	7 37	1 54	25 45	13 21	21 23	21 33	25 22	16 43	6 26
T 7	15 51	24 14	4 21	12 17	1 3	19 35	4 0	16 35	1 9	9 33	1 0	22 35	0 30	19 47	0 5	7 36	1 54	25 44	13 21	21 23	21 34	25 23	16 44	6 25
W 8	15 33	25 58	3 29	11 35	0 57	19 40	3 55	16 23	1 8	9 36	1 0	22 35	0 30	19 47	0 5	7 36	1 54	25 44	13 21	21 23	21 35	25 23	16 44	6 25
T 9	15 15	25 59	2 24	10 52	0 51	19 44	3 50	16 11	1 8	9 39	1 0	22 36	0 30	19 47	0 5	7 36	1 54	25 43	13 21	21 23	21 35	25 24	16 45	6 25
F 10	14 56	24 15	1 10	10 10	0 44	19 47	3 44	15 58	1 8	9 42	1 0	22 37	0 30	19 47	0 5	7 36	1 54	25 42	13 21	21 22	21 36	25 24	16 45	6 25
S 11	14 38	20 59	0s 8	9 27	0 38	19 51	3 39	15 46	1 8	9 46	1 0	22 37	0 30	19 47	0 5	7 35	1 55	25 41	13 21	21 22	21 36	25 25	16 46	6 24
S 12	14 19	16 29	1 25	8 44	0 31	19 54	3 34	15 34	1 8	9 49	0 59	22 38	0 30	19 48	0 5	7 35	1 55	25 41	13 22	21 22	21 37	25 25	16 46	6 24
M13	14 0	11 10	2 35	8 1	0 24	19 56	3 28	15 21	1 8	9 52	0 59	22 38	0 30	19 48	0 5	7 35	1 55	25 40	13 22	21 23	21 37	25 26	16 47	6 24
T 14	13 41	5 24	3 35	7 18	0 16	19 59	3 23	15 8	1 8	9 56	0 59	22 39	0 30	19 48	0 5	7 35	1 55	25 39	13 22	21 23	21 38	25 26	16 47	6 23
W15	13 21	0s28	4 22	6 36	0 9	20 1	3 17	14 55	1 8	9 59	0 59	22 39	0 30	19 48	0 5	7 34	1 55	25 39	13 22	21 24	21 38	25 26	16 48	6 23
T 16	13 2	6 9	4 53	5 53	0 1	20 2	3 12	14 43	1 8	10 2	0 59	22 40	0 30	19 48	0 5	7 34	1 55	25 38	13 22	21 25	21 39	25 27	16 48	6 23
F 17	12 42	11 27	5 9	5 10	0s 6	20 4	3 7	14 30	1 8	10 6	0 58	22 40	0 30	19 48	0 5	7 34	1 55	25 37	13 22	21 26	21 39	25 27	16 49	6 22
S 18	12 21	16 9	5 11	4 28	0 14	20 4	3 1	14 16	1 7	10 9	0 58	22 41	0 30	19 48	0 5	7 33	1 55	25 37	13 22	21 27	21 40	25 28	16 49	6 22
S 19	12 1	20 6	4 58	3 46	0 22	20 5	2 55	14 3	1 7	10 13	0 58	22 41	0 31	19 49	0 5	7 33	1 55	25 36	13 22	21 27	21 40	25 28	16 50	6 22
M20	11 41	23 9	4 32	3 4	0 30	20 5	2 50	13 50	1 7	10 16	0 58	22 42	0 31	19 49	0 5	7 33	1 55	25 35	13 22	21 28	21 41	25 29	16 50	6 21
T 21	11 20	25 11	3 54	2 23	0 38	20 4	2 44	13 37	1 7	10 20	0 57	22 42	0 31	19 49	0 5	7 32	1 55	25 34	13 22	21 28	21 41	25 29	16 50	6 21
W22	10 59	26 5	3 7	1 42	0 46	20 3	2 39	13 23	1 7	10 24	0 57	22 43	0 31	19 49	0 5	7 32	1 55	25 34	13 22	21 27	21 42	25 29	16 51	6 21
T 23	10 38	25 48	2 12	1 1	0 54	20 2	2 33	13 10	1 7	10 27	0 57	22 43	0 31	19 49	0 5	7 32	1 55	25 33	13 22	21 27	21 43	25 30	16 51	6 20
F 24	10 17	24 17	1 10	0 21	1 2	20 0	2 28	12 56	1 7	10 31	0 57	22 43	0 31	19 50	0 5	7 31	1 55	25 33	13 22	21 27	21 43	25 30	16 52	6 20
S 25	9 55	21 37	0 4	0s19	1 10	19 58	2 22	12 42	1 7	10 35	0 57	22 44	0 31	19 50	0 5	7 31	1 55	25 32	13 23	21 27	21 44	25 31	16 52	6 20
S 26	9 34	17 54	1n 4	0 58	1 19	19 55	2 17	12 28	1 6	10 38	0 57	22 44	0 31	19 50	0 5	7 30	1 55	25 31	13 23	21 27	21 44	25 31	16 53	6 19
M27	9 12	13 16	2 10	1 37	1 27	19 52	2 11	12 15	1 6	10 42	0 56	22 45	0 31	19 50	0 5	7 30	1 55	25 31	13 23	21 27	21 45	25 31	16 53	6 19
T 28	8 50	7 56	3 10	2 15	1 35	19 48	2 6	12 1	1 6	10 46	0 56	22 45	0 31	19 51	0 5	7 29	1 55	25 30	13 23	21 28	21 45	25 32	16 54	6 19
W29	8 28	2 8	4 1	2 52	1 43	19 44	2 0	11 47	1 6	10 50	0 56	22 45	0 31	19 51	0 5	7 29	1 56	25 29	13 23	21 29	21 46	25 32	16 54	6 18
T 30	8 6	3n53	4 40	3 29	1 51	19 39	1 55	11 32	1 6	10 54	0 56	22 46	0 31	19 51	0 5	7 29	1 56	25 29	13 23	21 30	21 46	25 33	16 55	6 18
F 31	7n44	9n47	5n 2	4s 5	1s59	19n34	1s49	11n18	1n 6	10s58	0n56	22s46	0s31	19s52	0n 5	7n28	1s56	25n28	13n23	21s32	21s47	25s33	16s55	6n17

Julian Day Number = 1986076.5, Delta T = 56m58s
Ecliptic obliquity = 23°36'18, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'18, Lahiri = 6°06'18 Julian Calendar 1 Aug. 725 == Greg. Calendar 5 Aug. 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

SEPTEMBER 725 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 53 14	11♍21'28	27♈ 4	6♎50	25♋38	4♍10	0♏58	18°R55	28♏26	23°R40	26♑ 2	23°R28	22♉ 3	10♐27	10°R25	S 1
S 2	22 57 11	12°20'17	11♉15	7°58	26°40	4°49	1° 8	18♉54	28°27	23♈39	26° 4	23♉23	22° 0	10°34	10♉25	S 2
M 3	23 1 8	13°19'09	25°28	9° 4	27°43	5°28	1°19	18°52	28°29	23°38	26° 6	23°19	21°56	10°40	10°24	M 3
T 4	23 5 4	14°18'04	9♊39	10° 8	28°46	6° 6	1°30	18°50	28°30	23°37	26° 8	23°D18	21°53	10°47	10°23	T 4
W 5	23 9 1	15°17'00	23°47	11° 9	29°50	6°45	1°41	18°49	28°32	23°36	26°10	23°18	21°50	10°54	10°22	W 5
T 6	23 12 57	16°15'59	7♋51	12° 8	0♌53	7°24	1°52	18°47	28°33	23°34	26°12	23°19	21°47	11° 1	10°22	T 6
F 7	23 16 54	17°15'01	21°49	13° 5	1°57	8° 2	2° 3	18°46	28°35	23°33	26°14	23°R19	21°44	11° 7	10°21	F 7
S 8	23 20 50	18°14'05	5♌40	13°58	3° 1	8°41	2°15	18°45	28°37	23°32	26°16	23°19	21°41	11°14	10°20	S 8
S 9	23 24 47	19°13'11	19°23	14°48	4° 6	9°20	2°26	18°44	28°39	23°30	26°18	23°16	21°37	11°21	10°20	S 9
M10	23 28 43	20°12'19	2♍57	15°35	5°11	9°59	2°37	18°43	28°40	23°29	26°20	23°11	21°34	11°27	10°20	M10
T 11	23 32 40	21°11'29	16°19	16°18	6°16	10°37	2°49	18°42	28°42	23°28	26°22	23° 3	21°31	11°34	10°19	T 11
W12	23 36 36	22°10'42	29°27	16°56	7°21	11°16	3° 0	18°41	28°44	23°26	26°24	22°53	21°28	11°41	10°19	W12
T 13	23 40 33	23° 9'56	12♎19	17°31	8°27	11°55	3°12	18°40	28°46	23°25	26°26	22°42	21°25	11°47	10°19	T 13
F 14	23 44 30	24° 9'13	24°56	18° 0	9°33	12°34	3°23	18°40	28°48	23°24	26°28	22°31	21°22	11°54	10°D19	F 14
S 15	23 48 26	25° 8'32	7♏18	18°24	10°39	13°13	3°35	18°39	28°50	23°22	26°30	22°21	21°18	12° 1	10°19	S 15
S 16	23 52 23	26° 7'52	19°26	18°42	11°45	13°52	3°47	18°39	28°52	23°21	26°32	22°13	21°15	12° 7	10°19	S 16
M17	23 56 19	27° 7'15	1♐23	18°54	12°51	14°31	3°59	18°38	28°55	23°19	26°33	22° 7	21°12	12°14	10°19	M17
T 18	0 0 16	28° 6'39	13°14	18°R59	13°58	15°10	4°11	18°38	28°57	23°18	26°35	22° 4	21° 9	12°21	10°19	T 18
W19	0 4 12	29° 6'05	25° 3	18°57	15° 5	15°49	4°23	18°38	28°59	23°16	26°37	22°D 2	21° 6	12°27	10°20	W19
T 20	0 8 9	0♎ 5'34	6♉55	18°48	16°12	16°28	4°35	18°D38	29° 1	23°15	26°39	22° 3	21° 2	12°34	10°20	T 20
F 21	0 12 5	1° 5'04	18°57	18°30	17°20	17° 7	4°47	18°38	29° 4	23°13	26°41	22°R 3	20°59	12°41	10°21	F 21
S 22	0 16 2	2° 4'35	1♒12	18° 4	18°27	17°46	4°59	18°38	29° 6	23°12	26°43	22° 3	20°56	12°47	10°21	S 22
S 23	0 19 59	3° 4'09	13°47	17°29	19°35	18°25	5°11	18°39	29° 8	23°10	26°44	22° 1	20°53	12°54	10°22	S 23
M24	0 23 55	4° 3'44	26°44	16°46	20°43	19° 4	5°23	18°39	29°11	23° 8	26°46	21°56	20°50	13° 1	10°22	M24
T 25	0 27 52	5° 3'22	10♓ 5	15°55	21°51	19°43	5°36	18°39	29°13	23° 7	26°48	21°49	20°47	13° 7	10°23	T 25
W26	0 31 48	6° 3'01	23°51	14°56	23° 0	20°22	5°48	18°40	29°16	23° 5	26°50	21°39	20°43	13°14	10°24	W26
T 27	0 35 45	7° 2'42	7♈59	13°51	24° 8	21° 1	6° 1	18°41	29°18	23° 4	26°51	21°28	20°40	13°21	10°25	T 27
F 28	0 39 41	8° 2'25	22°23	12°40	25°17	21°40	6°13	18°42	29°21	23° 2	26°53	21°17	20°37	13°27	10°26	F 28
S 29	0 43 38	9° 2'11	6♉57	11°26	26°26	22°19	6°26	18°42	29°23	23° 0	26°55	21° 6	20°34	13°34	10°27	S 29
S 30	0 47 34	10♎ 1'58	21♉34	10♎11	27♌35	22♍58	6♏38	18♉43	29♏26	22♈59	26♌56	20♉57	20♉31	13♐41	10♉28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n21	15n15	5n 7	4s40	2s 6	19n28	1s44	11n 4	1n 6	11s 1	0n55	22s46	0s31	19s52	0n 5	7n28	1s56	25n28	13n24	21s33	21s47	25s33	16s56	6n17
S 2	6 59	19 56	4 53	5 14	2 14	19 22	1 38	10 50	1 5	11 5	0 55	22 47	0 31	19 52	0 5	7 27	1 56	25 27	13 24	21 34	21 48	25 34	16 56	6 17
M 3	6 36	23 28	4 21	5 47	2 21	19 15	1 33	10 35	1 5	11 9	0 55	22 47	0 31	19 53	0 5	7 27	1 56	25 27	13 24	21 34	21 48	25 34	16 57	6 16
T 4	6 13	25 33	3 33	6 19	2 29	19 7	1 27	10 21	1 5	11 13	0 55	22 47	0 31	19 53	0 5	7 26	1 56	25 26	13 24	21 35	21 49	25 34	16 57	6 16
W 5	5 50	25 59	2 32	6 50	2 36	18 59	1 22	10 6	1 5	11 17	0 55	22 47	0 31	19 53	0 5	7 26	1 56	25 25	13 24	21 35	21 49	25 35	16 58	6 15
T 6	5 27	24 44	1 22	7 19	2 43	18 51	1 17	9 51	1 5	11 21	0 55	22 48	0 31	19 54	0 5	7 25	1 56	25 25	13 25	21 35	21 50	25 35	16 58	6 15
F 7	5 4	21 57	0 8	7 47	2 49	18 42	1 12	9 37	1 5	11 25	0 54	22 48	0 31	19 54	0 5	7 25	1 56	25 24	13 25	21 34	21 50	25 35	16 58	6 15
S 8	4 41	17 55	1s 6	8 14	2 55	18 32	1 6	9 22	1 4	11 29	0 54	22 48	0 31	19 55	0 5	7 24	1 56	25 24	13 25	21 35	21 51	25 35	16 59	6 14
S 9	4 18	12 58	2 15	8 39	3 1	18 22	1 1	9 7	1 4	11 33	0 54	22 48	0 31	19 55	0 5	7 24	1 56	25 23	13 25	21 35	21 51	25 36	16 59	6 14
M10	3 54	7 27	3 15	9 2	3 7	18 12	0 56	8 52	1 4	11 37	0 54	22 48	0 31	19 55	0 5	7 23	1 56	25 23	13 25	21 36	21 52	25 36	17 0	6 13
T 11	3 31	1 41	4 4	9 24	3 12	18 1	0 51	8 37	1 4	11 41	0 54	22 49	0 31	19 56	0 5	7 23	1 56	25 22	13 26	21 37	21 52	25 36	17 0	6 13
W12	3 7	4s 2	4 39	9 43	3 16	17 49	0 46	8 22	1 4	11 46	0 54	22 49	0 32	19 56	0 5	7 22	1 56	25 22	13 26	21 39	21 53	25 36	17 1	6 12
T 13	2 44	9 29	4 59	10 0	3 20	17 37	0 41	8 7	1 4	11 50	0 53	22 49	0 32	19 57	0 5	7 22	1 56	25 21	13 26	21 41	21 53	25 37	17 1	6 12
F 14	2 20	14 25	5 3	10 14	3 23	17 24	0 36	7 52	1 3	11 54	0 53	22 49	0 32	19 57	0 5	7 21	1 56	25 21	13 26	21 43	21 54	25 37	17 2	6 12
S 15	1 57	18 39	4 53	10 26	3 26	17 11	0 31	7 37	1 3	11 58	0 53	22 49	0 32	19 58	0 5	7 20	1 56	25 20	13 27	21 44	21 54	25 37	17 2	6 11
S 16	1 33	22 2	4 30	10 34	3 28	16 58	0 26	7 21	1 3	12 2	0 53	22 49	0 32	19 58	0 5	7 20	1 56	25 20	13 27	21 46	21 55	25 37	17 2	6 11
M17	1 9	24 26	3 56	10 39	3 28	16 43	0 22	7 6	1 3	12 6	0 53	22 49	0 32	19 59	0 5	7 19	1 56	25 20	13 27	21 47	21 55	25 38	17 3	6 10
T 18	0 45	25 42	3 11	10 41	3 28	16 29	0 17	6 51	1 3	12 10	0 53	22 49	0 32	19 59	0 5	7 19	1 56	25 19	13 27	21 47	21 56	25 38	17 3	6 10
W19	0 22	25 49	2 19	10 39	3 26	16 14	0 12	6 35	1 2	12 15	0 53	22 49	0 32	20 0	0 5	7 18	1 56	25 19	13 28	21 47	21 56	25 38	17 4	6 9
T 20	0s 2	24 45	1 20	10 32	3 23	15 58	0 8	6 20	1 2	12 19	0 52	22 49	0 32	20 0	0 5	7 18	1 56	25 18	13 28	21 47	21 57	25 38	17 4	6 9
F 21	0 26	22 32	0 17	10 22	3 19	15 42	0 3	6 4	1 2	12 23	0 52	22 49	0 32	20 1	0 5	7 17	1 56	25 18	13 28	21 47	21 57	25 39	17 4	6 9
S 22	0 50	19 14	0n49	10 6	3 13	15 25	0n 1	5 49	1 2	12 27	0 52	22 49	0 32	20 1	0 5	7 16	1 56	25 18	13 29	21 47	21 58	25 39	17 5	6 8
S 23	1 14	15 0	1 53	9 46	3 5	15 8	0 6	5 33	1 1	12 31	0 52	22 49	0 32	20 2	0 5	7 16	1 56	25 17	13 29	21 48	21 58	25 39	17 5	6 8
M24	1 38	9 59	2 53	9 20	2 56	14 50	0 10	5 18	1 1	12 36	0 52	22 49	0 32	20 2	0 5	7 15	1 56	25 17	13 29	21 48	21 59	25 39	17 6	6 7
T 25	2 1	4 22	3 46	8 50	2 44	14 32	0 14	5 2	1 1	12 40	0 52	22 49	0 32	20 3	0 5	7 15	1 56	25 17	13 29	21 49	21 59	25 39	17 6	6 7
W26	2 25	1n37	4 27	8 15	2 31	14 14	0 18	4 46	1 1	12 44	0 52	22 49	0 32	20 3	0 5	7 14	1 57	25 16	13 30	21 51	22 0	25 39	17 6	6 7
T 27	2 49	7 40	4 53	7 35	2 16	13 55	0 22	4 31	1 1	12 48	0 51	22 49	0 32	20 4	0 5	7 13	1 57	25 16	13 30	21 53	22 0	25 40	17 7	6 6
F 28	3 13	13 25	5 1	6 52	1 59	13 36	0 26	4 15	1 0	12 53	0 51	22 49	0 32	20 4	0 5	7 13	1 57	25 16	13 30	21 55	22 1	25 40	17 7	6 6
S 29	3 36	18 29	4 50	6 6	1 41	13 16	0 30	3 59	1 0	12 57	0 51	22 49	0 32	20 5	0 5	7 12	1 57	25 15	13 31	21 56	22 1	25 40	17 7	6 5
S 30	4s 0	22n27	4n20	5s19	1s22	12n56	0n34	3n43	1n 0	13s 1	0n51	22s49	0s32	20s 6	0n 5	7n11	1s57	25n15	13n31	21s58	22s 2	25s40	17s 8	6n 5

Julian Day Number = 1986107.5, Delta T = 56m57s
Ecliptic obliquity = 23°36'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'22, Lahiri = 6°06'23 Julian Calendar 1 Sept. 725 == Greg. Calendar 5 Sept. 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

OCTOBER 725 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 51 31	11♎ 1'48	6♊ 7	8°R56	28♌45	23♍38	6♏51	18♑45	29♏29	22°R57	26♌58	20°R50	20♑28	13♐47	10♑29	M 1
T 2	0 55 28	12° 1'41	20°31	7♎45	29°54	24°17	7° 4	18°46	29°32	22♈56	27° 0	20♑47	20°24	13°54	10°31	T 2
W 3	0 59 24	13° 1'35	4♋43	6°38	1♍ 4	24°56	7°16	18°47	29°34	22°54	27° 1	20°46	20°21	14° 1	10°32	W 3
T 4	1 3 21	14° 1'32	18°41	5°39	2°13	25°35	7°29	18°48	29°37	22°52	27° 3	20°45	20°18	14° 7	10°33	T 4
F 5	1 7 17	15° 1'31	2♌26	4°49	3°23	26°15	7°42	18°50	29°40	22°51	27° 4	20°45	20°15	14°14	10°35	F 5
S 6	1 11 14	16° 1'33	15°59	4° 9	4°34	26°54	7°55	18°51	29°43	22°49	27° 6	20°44	20°12	14°21	10°36	S 6
S 7	1 15 10	17° 1'36	29°21	3°39	5°44	27°33	8° 8	18°53	29°46	22°47	27° 7	20°39	20° 8	14°27	10°38	S 7
M 8	1 19 7	18° 1'42	12♍31	3°22	6°54	28°13	8°20	18°55	29°49	22°45	27° 9	20°32	20° 5	14°34	10°40	M 8
T 9	1 23 3	19° 1'50	25°30	3°D16	8° 5	28°52	8°33	18°57	29°52	22°44	27°10	20°22	20° 2	14°41	10°42	T 9
W10	1 27 0	20° 1'59	8♎18	3°21	9°15	29°31	8°46	18°59	29°55	22°42	27°12	20° 9	19°59	14°47	10°43	W10
T 11	1 30 57	21° 2'11	20°54	3°37	10°26	0♎11	8°59	19° 1	29°58	22°40	27°13	19°55	19°56	14°54	10°45	T 11
F 12	1 34 53	22° 2'25	3♏19	4° 3	11°37	0°50	9°13	19° 3	0♐ 1	22°39	27°15	19°41	19°53	15° 1	10°47	F 12
S 13	1 38 50	23° 2'40	15°32	4°39	12°48	1°30	9°26	19° 5	0° 4	22°37	27°16	19°27	19°49	15° 7	10°49	S 13
S 14	1 42 46	24° 2'58	27°34	5°22	13°59	2° 9	9°39	19° 8	0° 7	22°35	27°17	19°16	19°46	15°14	10°51	S 14
M15	1 46 43	25° 3'17	9♐28	6°14	15°11	2°49	9°52	19°10	0°10	22°34	27°19	19° 8	19°43	15°21	10°54	M15
T 16	1 50 39	26° 3'37	21°17	7°12	16°22	3°28	10° 5	19°13	0°13	22°32	27°20	19° 2	19°40	15°27	10°56	T 16
W17	1 54 36	27° 3'59	3♑ 4	8°15	17°34	4° 8	10°18	19°15	0°16	22°30	27°21	19° 0	19°37	15°34	10°58	W17
T 18	1 58 32	28° 4'23	14°54	9°24	18°45	4°47	10°31	19°18	0°20	22°29	27°22	18°D59	19°33	15°41	11° 1	T 18
F 19	2 2 29	29° 4'48	26°52	10°37	19°57	5°27	10°45	19°21	0°23	22°27	27°24	18°R59	19°30	15°47	11° 3	F 19
S 20	2 6 26	0♏ 5'15	9♒ 4	11°54	21° 9	6° 7	10°58	19°24	0°26	22°25	27°25	18°59	19°27	15°54	11° 6	S 20
S 21	2 10 22	1° 5'43	21°36	13°14	22°21	6°46	11°11	19°27	0°29	22°24	27°26	18°57	19°24	16° 1	11° 8	S 21
M22	2 14 19	2° 6'12	4♓32	14°36	23°33	7°26	11°25	19°30	0°33	22°22	27°27	18°53	19°21	16° 7	11°11	M22
T 23	2 18 15	3° 6'42	17°56	16° 1	24°45	8° 5	11°38	19°33	0°36	22°20	27°28	18°47	19°18	16°14	11°14	T 23
W24	2 22 12	4° 7'15	1♈49	17°28	25°57	8°45	11°51	19°37	0°39	22°19	27°29	18°38	19°14	16°21	11°16	W24
T 25	2 26 8	5° 7'48	16° 8	18°56	27°10	9°25	12° 5	19°40	0°43	22°17	27°30	18°27	19°11	16°27	11°19	T 25
F 26	2 30 5	6° 8'23	0♉50	20°26	28°22	10° 5	12°18	19°43	0°46	22°15	27°31	18°16	19° 8	16°34	11°22	F 26
S 27	2 34 1	7° 8'59	15°47	21°56	29°35	10°44	12°31	19°47	0°50	22°14	27°32	18° 5	19° 5	16°41	11°25	S 27
S 28	2 37 58	8° 9'38	0♊49	23°28	0♎47	11°24	12°45	19°51	0°53	22°12	27°33	17°56	19° 2	16°48	11°28	S 28
M29	2 41 54	9°10'18	15°47	25° 0	2° 0	12° 4	12°58	19°54	0°57	22°10	27°34	17°50	18°59	16°54	11°31	M29
T 30	2 45 51	10°10'59	0♋33	26°33	3°13	12°44	13°12	19°58	1° 0	22° 9	27°35	17°46	18°55	17° 1	11°34	T 30
W31	2 49 48	11♏11'42	15♋ 0	28♎ 6	4♎26	13♎24	13♏25	20♑ 2	1♐ 3	22♈ 7	27♌36	17°D45	18♑52	17♐ 8	11♑38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	4s24	24n58	3n33	4s30	1s 2	12n35	0n38	3n28	1n 0	13s 6	0n51	22s49	0s32	20s 6	0n 5	7n11	1s57	25n15	13n31	21s59	22s 2	25s40	17s 8	6n 4
T 2	4 47	25 48	2 33	3 43	0 41	12 14	0 41	3 12	0 59	13 10	0 51	22 49	0 32	20 7	0 5	7 10	1 57	25 15	13 32	21 59	22 3	25 40	17 8	6 4
W 3	5 11	24 55	1 24	2 58	0 20	11 52	0 45	2 56	0 59	13 14	0 51	22 49	0 32	20 7	0 5	7 10	1 57	25 14	13 32	21 59	22 3	25 40	17 9	6 4
T 4	5 34	22 28	0 11	2 16	0 0	11 31	0 49	2 40	0 59	13 18	0 51	22 48	0 32	20 8	0 5	7 9	1 57	25 14	13 33	21 59	22 4	25 40	17 9	6 3
F 5	5 58	18 45	1s 1	1 38	0n19	11 8	0 52	2 24	0 59	13 23	0 50	22 48	0 32	20 9	0 5	7 8	1 57	25 14	13 33	21 59	22 4	25 41	17 9	6 3
S 6	6 21	14 6	2 9	1 5	0 38	10 46	0 55	2 8	0 58	13 27	0 50	22 48	0 32	20 9	0 5	7 8	1 57	25 14	13 33	22 0	22 4	25 41	17 10	6 2
S 7	6 44	8 50	3 9	0 38	0 54	10 23	0 59	1 52	0 58	13 31	0 50	22 48	0 32	20 10	0 5	7 7	1 57	25 13	13 34	22 0	22 5	25 41	17 10	6 2
M 8	7 7	3 16	3 57	0 17	1 10	10 0	1 2	1 36	0 58	13 36	0 50	22 48	0 32	20 11	0 5	7 6	1 57	25 13	13 34	22 1	22 5	25 41	17 10	6 1
T 9	7 30	2s22	4 32	0 2	1 23	9 36	1 5	1 20	0 58	13 40	0 50	22 47	0 32	20 11	0 5	7 6	1 57	25 13	13 34	22 3	22 6	25 41	17 10	6 1
W10	7 53	7 48	4 53	0n 7	1 35	9 12	1 8	1 4	0 57	13 44	0 50	22 47	0 32	20 12	0 4	7 5	1 57	25 13	13 35	22 5	22 6	25 41	17 11	6 1
T 11	8 16	12 50	5 0	0 9	1 45	8 48	1 11	0 48	0 57	13 48	0 50	22 47	0 32	20 13	0 4	7 5	1 57	25 13	13 35	22 7	22 7	25 41	17 11	6 0
F 12	8 39	17 16	4 51	0 7	1 54	8 23	1 14	0 32	0 57	13 53	0 50	22 46	0 32	20 13	0 4	7 4	1 57	25 13	13 36	22 9	22 7	25 41	17 11	6 0
S 13	9 1	20 54	4 30	0s 1	2 0	7 58	1 16	0 16	0 56	13 57	0 50	22 46	0 32	20 14	0 4	7 3	1 57	25 13	13 36	22 11	22 8	25 41	17 11	5 59
S 14	9 24	23 35	3 56	0 14	2 6	7 33	1 19	0s 0	0 56	14 1	0 50	22 46	0 32	20 15	0 4	7 3	1 57	25 12	13 36	22 13	22 8	25 41	17 12	5 59
M15	9 46	25 12	3 13	0 31	2 10	7 8	1 21	0 16	0 56	14 5	0 49	22 46	0 32	20 15	0 4	7 2	1 57	25 12	13 37	22 14	22 9	25 41	17 12	5 59
T 16	10 8	25 40	2 21	0 51	2 12	6 42	1 24	0 32	0 56	14 10	0 49	22 45	0 32	20 16	0 4	7 1	1 57	25 12	13 37	22 15	22 9	25 41	17 12	5 58
W17	10 30	24 57	1 23	1 15	2 14	6 16	1 26	0 48	0 55	14 14	0 49	22 45	0 32	20 17	0 4	7 1	1 57	25 12	13 38	22 15	22 10	25 41	17 12	5 58
T 18	10 52	23 7	0 22	1 42	2 14	5 50	1 28	1 5	0 55	14 18	0 49	22 44	0 33	20 17	0 4	7 0	1 57	25 12	13 38	22 15	22 10	25 41	17 12	5 57
F 19	11 13	20 15	0n42	2 11	2 14	5 24	1 31	1 21	0 55	14 22	0 49	22 44	0 33	20 18	0 4	6 59	1 57	25 12	13 39	22 15	22 11	25 41	17 13	5 57
S 20	11 35	16 26	1 44	2 43	2 12	4 57	1 33	1 37	0 54	14 27	0 49	22 44	0 33	20 19	0 4	6 59	1 57	25 12	13 39	22 15	22 11	25 41	17 13	5 57
S 21	11 56	11 49	2 44	3 16	2 10	4 30	1 35	1 53	0 54	14 31	0 49	22 43	0 33	20 19	0 4	6 58	1 57	25 12	13 39	22 15	22 11	25 41	17 13	5 56
M22	12 17	6 33	3 37	3 51	2 7	4 3	1 37	2 9	0 54	14 35	0 49	22 43	0 33	20 20	0 4	6 58	1 57	25 12	13 40	22 16	22 12	25 41	17 13	5 56
T 23	12 38	0 49	4 20	4 27	2 4	3 36	1 38	2 25	0 53	14 39	0 49	22 42	0 33	20 21	0 4	6 57	1 57	25 12	13 40	22 17	22 12	25 41	17 13	5 56
W24	12 59	5n 8	4 49	5 4	2 0	3 9	1 40	2 41	0 53	14 44	0 49	22 42	0 33	20 22	0 4	6 56	1 57	25 12	13 41	22 18	22 13	25 41	17 13	5 55
T 25	13 19	11 1	5 1	5 41	1 55	2 41	1 42	2 57	0 53	14 48	0 49	22 41	0 33	20 22	0 4	6 56	1 57	25 12	13 41	22 19	22 13	25 41	17 14	5 55
F 26	13 40	16 26	4 55	6 20	1 51	2 14	1 43	3 13	0 52	14 52	0 48	22 41	0 33	20 23	0 4	6 55	1 57	25 12	13 42	22 21	22 14	25 41	17 14	5 54
S 27	14 0	20 56	4 28	6 59	1 45	1 46	1 44	3 29	0 52	14 56	0 48	22 41	0 33	20 24	0 4	6 55	1 57	25 12	13 42	22 22	22 14	25 41	17 14	5 54
S 28	14 19	24 5	3 42	7 38	1 40	1 18	1 46	3 45	0 52	15 0	0 48	22 40	0 33	20 24	0 4	6 54	1 57	25 12	13 43	22 24	22 15	25 41	17 14	5 54
M29	14 39	25 31	2 41	8 17	1 34	0 50	1 47	4 1	0 51	15 4	0 48	22 39	0 33	20 25	0 4	6 53	1 57	25 12	13 43	22 24	22 15	25 41	17 14	5 53
T 30	14 58	25 6	1 30	8 57	1 28	0 22	1 48	4 17	0 51	15 9	0 48	22 39	0 33	20 26	0 4	6 53	1 56	25 13	13 44	22 25	22 16	25 41	17 14	5 53
W31	15s17	23n 0	0n15	9s36	1n22	0s 6	1n49	4s33	0n51	15s13	0n48	22s38	0s33	20s27	0n 4	6n52	1s56	25n13	13n44	22s25	22s16	25s41	17s14	5n53

Julian Day Number = 1986137.5, Delta T = 56m57s
Ecliptic obliquity = 23°36'18, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'26, Lahiri = 6°06'27 Julian Calendar 1 Oct. 725 == Greg. Calendar 5 Oct. 725

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 725
geocentric

NOVEMBER 725 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 53 44	12♏12'27	29♋ 8	29♎39	5♎38	14♎ 4	13♏38	20♑ 6	1♐ 7	22°R 6	27♌37	17♑45	18♑49	17♐14	11♑41	T 1
F 2	2 57 41	13°13'14	12♌54	1♏13	6°52	14°44	13°52	20°10	1°11	22♈ 4	27°38	17°R46	18°46	17°21	11°44	F 2
S 3	3 1 37	14°14'02	26°22	2°47	8° 5	15°24	14° 5	20°14	1°14	22° 3	27°38	17°45	18°43	17°28	11°47	S 3
S 4	3 5 34	15°14'51	9♍31	4°21	9°18	16° 4	14°19	20°19	1°18	22° 1	27°39	17°42	18°39	17°34	11°51	S 4
M 5	3 9 30	16°15'43	22°25	5°55	10°31	16°44	14°32	20°23	1°21	22° 0	27°40	17°37	18°36	17°41	11°54	M 5
T 6	3 13 27	17°16'35	5♎ 7	7°29	11°44	17°24	14°46	20°27	1°25	21°58	27°41	17°29	18°33	17°48	11°58	T 6
W 7	3 17 23	18°17'29	17°37	9° 3	12°58	18° 4	14°59	20°32	1°28	21°57	27°41	17°19	18°30	17°54	12° 1	W 7
T 8	3 21 20	19°18'25	29°56	10°37	14°11	18°44	15°12	20°36	1°32	21°55	27°42	17° 8	18°27	18° 1	12° 5	T 8
F 9	3 25 17	20°19'22	12♏ 7	12°12	15°25	19°24	15°26	20°41	1°36	21°54	27°42	16°56	18°24	18° 7	12° 9	F 9
S 10	3 29 13	21°20'20	24°10	13°46	16°38	20° 4	15°39	20°46	1°39	21°52	27°43	16°45	18°20	18°14	12°13	S 10
S 11	3 33 10	22°21'19	6♐ 5	15°20	17°52	20°44	15°53	20°50	1°43	21°51	27°44	16°36	18°17	18°21	12°16	S 11
M12	3 37 6	23°22'19	17°56	16°54	19° 6	21°24	16° 6	20°55	1°46	21°49	27°44	16°30	18°14	18°27	12°20	M12
T 13	3 41 3	24°23'20	29°43	18°28	20°20	22° 4	16°19	21° 0	1°50	21°48	27°45	16°25	18°11	18°34	12°24	T 13
W14	3 44 59	25°24'21	11♑29	20° 2	21°33	22°45	16°33	21° 5	1°54	21°47	27°45	16°D24	18° 8	18°41	12°28	W14
T 15	3 48 56	26°25'24	23°19	21°36	22°47	23°25	16°46	21°10	1°57	21°45	27°45	16°24	18° 5	18°47	12°32	T 15
F 16	3 52 53	27°26'27	5♒17	23°10	24° 1	24° 5	17° 0	21°15	2° 1	21°44	27°46	16°25	18° 1	18°54	12°36	F 16
S 17	3 56 49	28°27'31	17°26	24°44	25°15	24°45	17°13	21°20	2° 5	21°43	27°46	16°26	17°58	19° 1	12°40	S 17
S 18	4 0 46	29°28'36	29°54	26°19	26°29	25°26	17°26	21°26	2° 8	21°41	27°46	16°R27	17°55	19° 7	12°44	S 18
M19	4 4 42	0♐29'40	12♓44	27°53	27°43	26° 6	17°40	21°31	2°12	21°40	27°47	16°26	17°52	19°14	12°48	M19
T 20	4 8 39	1°30'46	26° 0	29°27	28°57	26°46	17°53	21°36	2°16	21°39	27°47	16°23	17°49	19°21	12°52	T 20
W21	4 12 35	2°31'52	9♈46	1♐ 1	0♏11	27°27	18° 6	21°42	2°19	21°38	27°47	16°19	17°45	19°27	12°57	W21
T 22	4 16 32	3°32'58	24° 2	2°36	1°25	28° 7	18°19	21°47	2°23	21°37	27°47	16°12	17°42	19°34	13° 1	T 22
F 23	4 20 28	4°34'05	8♉44	4°10	2°39	28°47	18°32	21°53	2°27	21°35	27°47	16° 6	17°39	19°41	13° 5	F 23
S 24	4 24 25	5°35'12	23°47	5°45	3°54	29°28	18°46	21°59	2°30	21°34	27°47	15°59	17°36	19°47	13°10	S 24
S 25	4 28 22	6°36'20	9♊ 1	7°20	5° 8	0♏ 8	18°59	22° 4	2°34	21°33	27°47	15°54	17°33	19°54	13°14	S 25
M26	4 32 18	7°37'29	24°17	8°55	6°22	0°49	19°12	22°10	2°38	21°32	27°48	15°50	17°30	20° 1	13°18	M26
T 27	4 36 15	8°38'38	9♋22	10°30	7°36	1°29	19°25	22°16	2°41	21°31	27°R48	15°D49	17°26	20° 7	13°23	T 27
W28	4 40 11	9°39'47	24°10	12° 5	8°51	2°10	19°38	22°22	2°45	21°30	27°48	15°49	17°23	20°14	13°27	W28
T 29	4 44 8	10°40'58	8♌35	13°40	10° 5	2°50	19°51	22°28	2°48	21°29	27°47	15°50	17°20	20°21	13°32	T 29
F 30	4 48 4	11♐42'09	22♌35	15♐16	11♏20	3♏31	20♏ 4	22♑34	2♐52	21♈28	27♌47	15♑52	17♑17	20♐27	13♑36	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s36	19n29	1s 0	10s15	1n15	0s34	1n50	4s49	0n50	15s17	0n48	22s38	0s33	20s27	0n 4	6n52	1s56	25n13	13n44	22s25	22s16	25s40	17s14	5n52
F 2	15 55	14 59	2 10	10 54	1 9	1 3	1 51	5 5	0 50	15 21	0 48	22 37	0 33	20 28	0 4	6 51	1 56	25 13	13 45	22 25	22 17	25 40	17 14	5 52
S 3	16 13	9 50	3 11	11 33	1 2	1 31	1 52	5 20	0 50	15 25	0 48	22 37	0 33	20 29	0 4	6 51	1 56	25 13	13 45	22 25	22 17	25 40	17 14	5 52
S 4	16 31	4 21	4 0	12 11	0 56	2 0	1 52	5 36	0 49	15 29	0 48	22 36	0 33	20 30	0 4	6 50	1 56	25 13	13 46	22 25	22 18	25 40	17 14	5 51
M 5	16 49	1s11	4 36	12 49	0 49	2 28	1 53	5 52	0 49	15 33	0 48	22 35	0 33	20 30	0 4	6 50	1 56	25 13	13 46	22 26	22 18	25 40	17 14	5 51
T 6	17 6	6 35	4 57	13 26	0 42	2 56	1 53	6 8	0 48	15 37	0 48	22 35	0 33	20 31	0 4	6 49	1 56	25 14	13 47	22 27	22 19	25 40	17 14	5 51
W 7	17 24	11 38	5 4	14 3	0 35	3 25	1 54	6 23	0 48	15 41	0 48	22 34	0 33	20 32	0 4	6 49	1 56	25 14	13 47	22 28	22 19	25 40	17 14	5 50
T 8	17 40	16 9	4 57	14 40	0 28	3 53	1 54	6 39	0 48	15 45	0 48	22 33	0 33	20 33	0 4	6 48	1 56	25 14	13 48	22 30	22 19	25 40	17 14	5 50
F 9	17 57	19 57	4 36	15 16	0 21	4 21	1 54	6 55	0 47	15 49	0 47	22 33	0 33	20 33	0 4	6 47	1 56	25 14	13 48	22 31	22 20	25 39	17 14	5 50
S 10	18 13	22 51	4 3	15 51	0 15	4 50	1 54	7 10	0 47	15 53	0 47	22 32	0 33	20 34	0 4	6 47	1 56	25 15	13 49	22 33	22 20	25 39	17 14	5 50
S 11	18 29	24 44	3 19	16 25	0 8	5 18	1 54	7 26	0 46	15 57	0 47	22 31	0 33	20 35	0 4	6 46	1 56	25 15	13 49	22 34	22 21	25 39	17 14	5 49
M12	18 45	25 29	2 27	16 59	0 1	5 46	1 54	7 41	0 46	16 1	0 47	22 31	0 33	20 35	0 4	6 46	1 56	25 15	13 50	22 35	22 21	25 39	17 14	5 49
T 13	19 0	25 5	1 29	17 32	0s 6	6 14	1 54	7 57	0 46	16 5	0 47	22 30	0 33	20 36	0 4	6 45	1 56	25 15	13 50	22 35	22 22	25 39	17 14	5 49
W14	19 15	23 33	0 26	18 4	0 12	6 42	1 54	8 12	0 45	16 9	0 47	22 29	0 33	20 37	0 4	6 45	1 56	25 16	13 51	22 35	22 22	25 39	17 14	5 48
T 15	19 29	20 58	0n37	18 36	0 19	7 10	1 53	8 28	0 45	16 13	0 47	22 28	0 33	20 38	0 4	6 45	1 56	25 16	13 51	22 35	22 22	25 38	17 14	5 48
F 16	19 43	17 28	1 40	19 6	0 25	7 38	1 53	8 43	0 44	16 16	0 47	22 28	0 33	20 38	0 4	6 44	1 56	25 16	13 52	22 35	22 23	25 38	17 14	5 48
S 17	19 57	13 11	2 40	19 36	0 32	8 6	1 52	8 58	0 44	16 20	0 47	22 27	0 33	20 39	0 4	6 44	1 56	25 17	13 52	22 35	22 23	25 38	17 14	5 48
S 18	20 11	8 15	3 33	20 5	0 38	8 33	1 52	9 13	0 44	16 24	0 47	22 26	0 33	20 40	0 4	6 43	1 56	25 17	13 53	22 35	22 24	25 38	17 14	5 47
M19	20 24	2 51	4 18	20 33	0 44	9 0	1 51	9 29	0 43	16 28	0 47	22 25	0 33	20 41	0 4	6 43	1 56	25 17	13 53	22 35	22 24	25 38	17 13	5 47
T 20	20 36	2n50	4 50	21 0	0 50	9 27	1 50	9 44	0 43	16 32	0 47	22 24	0 33	20 41	0 4	6 42	1 56	25 18	13 54	22 35	22 25	25 37	17 13	5 47
W21	20 49	8 36	5 8	21 25	0 56	9 54	1 49	9 59	0 42	16 35	0 47	22 24	0 33	20 42	0 4	6 42	1 56	25 18	13 54	22 36	22 25	25 37	17 13	5 47
T 22	21 0	14 8	5 7	21 50	1 2	10 21	1 49	10 14	0 42	16 39	0 47	22 23	0 34	20 43	0 4	6 42	1 56	25 19	13 55	22 37	22 25	25 37	17 13	5 46
F 23	21 12	19 1	4 46	22 14	1 8	10 48	1 48	10 29	0 41	16 43	0 47	22 22	0 34	20 44	0 4	6 41	1 56	25 19	13 55	22 38	22 26	25 37	17 13	5 46
S 24	21 23	22 48	4 5	22 37	1 13	11 14	1 47	10 43	0 41	16 47	0 47	22 21	0 34	20 44	0 4	6 41	1 56	25 19	13 56	22 38	22 26	25 36	17 13	5 46
S 25	21 34	25 2	3 7	22 58	1 18	11 40	1 45	10 58	0 40	16 50	0 47	22 20	0 34	20 45	0 4	6 40	1 56	25 20	13 56	22 39	22 27	25 36	17 12	5 46
M26	21 44	25 23	1 55	23 19	1 24	12 6	1 44	11 13	0 40	16 54	0 47	22 19	0 34	20 46	0 4	6 40	1 56	25 20	13 57	22 39	22 27	25 36	17 12	5 46
T 27	21 54	23 51	0 35	23 38	1 28	12 31	1 43	11 27	0 39	16 57	0 47	22 18	0 34	20 47	0 4	6 40	1 55	25 21	13 57	22 40	22 28	25 36	17 12	5 45
W28	22 3	20 41	0s46	23 56	1 33	12 57	1 42	11 42	0 39	17 1	0 47	22 17	0 34	20 47	0 4	6 39	1 55	25 21	13 58	22 40	22 28	25 35	17 12	5 45
T 29	22 12	16 17	2 1	24 13	1 38	13 21	1 40	11 56	0 38	17 5	0 47	22 16	0 34	20 48	0 4	6 39	1 55	25 22	13 58	22 39	22 28	25 35	17 11	5 45
F 30	22s21	11n 8	3s 7	24s28	1s42	13s46	1n39	12s11	0n38	17s 8	0n47	22s15	0s34	20s49	0n 4	6n39	1s55	25n22	13n59	22s39	22s29	25s35	17s11	5n45

Julian Day Number = 1986168.5, Delta T = 56m56s
Ecliptic obliquity = 23°36'17, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'30, Lahiri = 6°06'31 Julian Calendar 1 Nov. 725 == Greg. Calendar 5 Nov. 725

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ASTRODIENST EPHEMERIS for the year 725
geocentric

DECEMBER 725 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 52 1	12♐43'20	6♍ 9	16♐52	12♏34	4♏12	20♏17	22♑40	2♐56	21°R27	27°R47	15♑53	17♑14	20♐34	13♑41	S 1
S 2	4 55 57	13°44'33	19°19	18°28	13°49	4°52	20°30	22°46	2°59	21♈26	27♎47	15°R53	17°11	20°41	13°46	S 2
M 3	4 59 54	14°45'45	2♎ 9	20° 4	15° 3	5°33	20°43	22°52	3° 3	21°25	27°47	15°51	17° 7	20°47	13°50	M 3
T 4	5 3 51	15°46'59	14°42	21°41	16°18	6°14	20°56	22°58	3° 7	21°25	27°47	15°48	17° 4	20°54	13°55	T 4
W 5	5 7 47	16°48'12	27° 0	23°18	17°32	6°54	21° 9	23° 4	3°10	21°24	27°46	15°44	17° 1	21° 1	14° 0	W 5
T 6	5 11 44	17°49'26	9♏ 8	24°55	18°47	7°35	21°21	23°10	3°14	21°23	27°46	15°39	16°58	21° 7	14° 4	T 6
F 7	5 15 40	18°50'41	21° 8	26°32	20° 1	8°16	21°34	23°17	3°17	21°22	27°46	15°34	16°55	21°14	14° 9	F 7
S 8	5 19 37	19°51'56	3♐ 2	28°10	21°16	8°57	21°47	23°23	3°21	21°22	27°45	15°29	16°51	21°21	14°14	S 8
S 9	5 23 33	20°53'10	14°52	29°47	22°31	9°37	21°59	23°30	3°24	21°21	27°45	15°26	16°48	21°27	14°19	S 9
M10	5 27 30	21°54'25	26°40	1♑25	23°45	10°18	22°12	23°36	3°28	21°20	27°45	15°23	16°45	21°34	14°24	M10
T 11	5 31 26	22°55'40	8♑28	3° 3	25° 0	10°59	22°24	23°42	3°31	21°20	27°44	15°22	16°42	21°41	14°29	T 11
W12	5 35 23	23°56'55	20°18	4°41	26°15	11°40	22°37	23°49	3°35	21°19	27°44	15°D22	16°39	21°47	14°33	W12
T 13	5 39 20	24°58'09	2♒13	6°19	27°29	12°21	22°49	23°56	3°38	21°18	27°43	15°22	16°36	21°54	14°38	T 13
F 14	5 43 16	25°59'23	14°15	7°56	28°44	13° 2	23° 2	24° 2	3°42	21°18	27°43	15°24	16°32	22° 1	14°43	F 14
S 15	5 47 13	27° 0'37	26°29	9°34	29°59	13°43	23°14	24° 9	3°45	21°17	27°42	15°26	16°29	22° 7	14°48	S 15
S 16	5 51 9	28° 1'50	8♓57	11°11	1♐14	14°24	23°26	24°15	3°49	21°17	27°42	15°27	16°26	22°14	14°53	S 16
M17	5 55 6	29° 3'03	21°44	12°48	2°28	15° 5	23°39	24°22	3°52	21°17	27°41	15°28	16°23	22°21	14°58	M17
T 18	5 59 2	0♑ 4'15	4♈54	14°24	3°43	15°46	23°51	24°29	3°56	21°16	27°40	15°R28	16°20	22°27	15° 3	T 18
W19	6 2 59	1° 5'26	18°29	16° 0	4°58	16°27	24° 3	24°36	3°59	21°16	27°40	15°27	16°17	22°34	15° 8	W19
T 20	6 6 56	2° 6'37	2♉30	17°34	6°13	17° 8	24°15	24°43	4° 2	21°15	27°39	15°26	16°13	22°41	15°13	T 20
F 21	6 10 52	3° 7'47	16°57	19° 7	7°27	17°49	24°27	24°49	4° 6	21°15	27°38	15°24	16°10	22°47	15°18	F 21
S 22	6 14 49	4° 8'56	1♊47	20°39	8°42	18°30	24°39	24°56	4° 9	21°15	27°37	15°23	16° 7	22°54	15°23	S 22
S 23	6 18 45	5°10'05	16°53	22° 8	9°57	19°11	24°50	25° 3	4°12	21°15	27°37	15°22	16° 4	23° 1	15°28	S 23
M24	6 22 42	6°11'13	2♋ 6	23°36	11°12	19°52	25° 2	25°10	4°15	21°14	27°36	15°21	16° 1	23° 7	15°33	M24
T 25	6 26 38	7°12'20	17°18	25° 0	12°27	20°33	25°14	25°17	4°19	21°14	27°35	15°D21	15°57	23°14	15°38	T 25
W26	6 30 35	8°13'27	2♌17	26°21	13°41	21°15	25°25	25°24	4°22	21°14	27°34	15°21	15°54	23°21	15°43	W26
T 27	6 34 31	9°14'34	16°56	27°37	14°56	21°56	25°37	25°31	4°25	21°14	27°33	15°22	15°51	23°27	15°49	T 27
F 28	6 38 28	10°15'39	1♍11	28°49	16°11	22°37	25°48	25°38	4°28	21°14	27°32	15°22	15°48	23°34	15°54	F 28
S 29	6 42 25	11°16'45	14°58	29°56	17°26	23°18	26° 0	25°45	4°31	21°D14	27°31	15°23	15°45	23°41	15°59	S 29
S 30	6 46 21	12°17'49	28°18	0♒56	18°41	24° 0	26°11	25°52	4°34	21°14	27°30	15°23	15°42	23°47	16° 4	S 30
M31	6 50 18	13♑18'54	11♎13	1♒49	19♐56	24♏41	26♏22	25♑59	4♐38	21♈14	27♎29	15°R23	15♑38	23♐54	16♑ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s29	5n35	4s 1	24s42	1s46	14s10	1n37	12s25	0n38	17s12	0n47	22s15	0s34	20s49	0n 4	6n38	1s55	25n23	13n59	22s39	22s29	25s34	17s11	5n45
S 2	22 36	0s 2	4 40	24 55	1 49	14 34	1 36	12 39	0 37	17 15	0 46	22 14	0 34	20 50	0 4	6 38	1 55	25 23	14 0	22 39	22 30	25 34	17 11	5 44
M 3	22 44	5 30	5 4	25 6	1 53	14 58	1 34	12 53	0 36	17 19	0 46	22 13	0 34	20 51	0 4	6 38	1 55	25 24	14 0	22 39	22 30	25 34	17 10	5 44
T 4	22 50	10 38	5 13	25 16	1 56	15 21	1 32	13 7	0 36	17 22	0 46	22 12	0 34	20 52	0 4	6 38	1 55	25 24	14 1	22 40	22 30	25 34	17 10	5 44
W 5	22 57	15 14	5 7	25 25	1 59	15 44	1 30	13 21	0 35	17 25	0 46	22 11	0 34	20 52	0 4	6 37	1 55	25 25	14 1	22 40	22 31	25 33	17 10	5 44
T 6	23 3	19 10	4 47	25 32	2 1	16 7	1 29	13 35	0 35	17 29	0 46	22 10	0 34	20 53	0 4	6 37	1 55	25 25	14 2	22 41	22 31	25 33	17 9	5 44
F 7	23 8	22 16	4 15	25 37	2 3	16 29	1 27	13 49	0 34	17 32	0 46	22 8	0 34	20 54	0 4	6 37	1 55	25 26	14 2	22 41	22 32	25 32	17 9	5 44
S 8	23 13	24 23	3 32	25 41	2 5	16 50	1 25	14 3	0 34	17 35	0 46	22 7	0 34	20 54	0 4	6 37	1 55	25 26	14 3	22 42	22 32	25 32	17 9	5 44
S 9	23 17	25 23	2 40	25 43	2 7	17 11	1 23	14 16	0 33	17 39	0 46	22 6	0 34	20 55	0 4	6 36	1 55	25 27	14 3	22 42	22 32	25 32	17 8	5 43
M10	23 21	25 15	1 41	25 43	2 8	17 32	1 21	14 30	0 33	17 42	0 46	22 5	0 34	20 56	0 4	6 36	1 55	25 28	14 4	22 43	22 33	25 31	17 8	5 43
T 11	23 25	23 58	0 38	25 42	2 8	17 52	1 19	14 43	0 32	17 45	0 46	22 4	0 34	20 56	0 4	6 36	1 55	25 28	14 4	22 43	22 33	25 31	17 8	5 43
W12	23 28	21 37	0n27	25 39	2 8	18 12	1 17	14 56	0 32	17 48	0 46	22 3	0 34	20 57	0 4	6 36	1 55	25 29	14 4	22 43	22 34	25 31	17 7	5 43
T 13	23 30	18 19	1 32	25 35	2 8	18 32	1 14	15 9	0 31	17 52	0 46	22 2	0 34	20 58	0 4	6 36	1 55	25 29	14 5	22 43	22 34	25 30	17 7	5 43
F 14	23 33	14 13	2 33	25 29	2 7	18 50	1 12	15 22	0 31	17 55	0 46	22 1	0 34	20 58	0 4	6 36	1 55	25 30	14 5	22 43	22 34	25 30	17 6	5 43
S 15	23 34	9 30	3 28	25 21	2 5	19 9	1 10	15 35	0 30	17 58	0 46	22 0	0 34	20 59	0 4	6 36	1 54	25 31	14 6	22 42	22 35	25 30	17 6	5 43
S 16	23 35	4 20	4 15	25 11	2 3	19 27	1 8	15 48	0 29	18 1	0 46	21 59	0 35	21 0	0 4	6 35	1 54	25 31	14 6	22 42	22 35	25 29	17 5	5 43
M17	23 36	1n 9	4 50	24 59	2 1	19 44	1 5	16 1	0 29	18 4	0 46	21 58	0 35	21 0	0 4	6 35	1 54	25 32	14 7	22 42	22 36	25 29	17 5	5 43
T 18	23 36	6 43	5 12	24 46	1 58	20 1	1 3	16 13	0 28	18 7	0 46	21 56	0 35	21 1	0 4	6 35	1 54	25 33	14 7	22 42	22 36	25 28	17 5	5 42
W19	23 36	12 10	5 17	24 31	1 54	20 17	1 1	16 26	0 28	18 10	0 46	21 55	0 35	21 2	0 4	6 35	1 54	25 33	14 8	22 42	22 36	25 28	17 4	5 42
T 20	23 35	17 9	5 3	24 14	1 49	20 32	0 58	16 38	0 27	18 13	0 46	21 54	0 35	21 2	0 4	6 35	1 54	25 34	14 8	22 42	22 37	25 27	17 4	5 42
F 21	23 34	21 20	4 30	23 56	1 43	20 47	0 56	16 50	0 26	18 16	0 46	21 53	0 35	21 3	0 4	6 35	1 54	25 35	14 8	22 42	22 37	25 27	17 3	5 42
S 22	23 32	24 14	3 39	23 36	1 37	21 2	0 53	17 2	0 26	18 19	0 46	21 52	0 35	21 4	0 4	6 35	1 54	25 35	14 9	22 43	22 37	25 27	17 3	5 42
S 23	23 30	25 28	2 32	23 15	1 30	21 16	0 51	17 14	0 25	18 22	0 46	21 50	0 35	21 4	0 4	6 35	1 54	25 36	14 9	22 43	22 38	25 26	17 2	5 42
M24	23 28	24 48	1 13	22 53	1 22	21 29	0 48	17 26	0 25	18 25	0 46	21 49	0 35	21 5	0 4	6 35	1 54	25 37	14 10	22 43	22 38	25 26	17 2	5 42
T 25	23 24	22 18	0s11	22 29	1 13	21 41	0 46	17 38	0 24	18 27	0 46	21 48	0 35	21 5	0 4	6 35	1 54	25 37	14 10	22 43	22 39	25 25	17 1	5 42
W26	23 21	18 17	1 33	22 4	1 3	21 53	0 43	17 49	0 23	18 30	0 46	21 47	0 35	21 6	0 4	6 35	1 54	25 38	14 11	22 43	22 39	25 25	17 0	5 42
T 27	23 17	13 13	2 47	21 38	0 53	22 5	0 40	18 1	0 23	18 33	0 46	21 46	0 35	21 7	0 4	6 35	1 54	25 39	14 11	22 43	22 39	25 24	17 0	5 42
F 28	23 12	7 34	3 48	21 12	0 41	22 15	0 38	18 12	0 22	18 36	0 46	21 44	0 35	21 7	0 4	6 35	1 54	25 39	14 11	22 43	22 40	25 24	16 59	5 42
S 29	23 7	1 45	4 34	20 46	0 28	22 25	0 35	18 23	0 21	18 38	0 46	21 43	0 35	21 8	0 4	6 35	1 54	25 40	14 12	22 43	22 40	25 23	16 59	5 42
S 30	23 2	3s58	5 4	20 19	0 14	22 35	0 33	18 34	0 21	18 41	0 46	21 42	0 35	21 8	0 4	6 35	1 54	25 41	14 12	22 43	22 40	25 23	16 58	5 42
M31	22s56	9s19	5s17	19s53	0n 0	22s43	0n30	18s45	0n20	18s44	0n46	21s41	0s35	21s 9	0n 4	6n35	1s53	25n42	14n13	22s43	22s41	25s22	16s58	5n42

Julian Day Number = 1986198.5, Delta T = 56m55s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'35, Lahiri = 6°06'35 Julian Calendar 1 Dec. 725 == Greg. Calendar 5 Dec. 725

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ASTRODIENST EPHEMERIS for the year 726
geocentric

JANUARY 726 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 54 14	14♑19'57	23♎47	2♒34	21♐10	25♏22	26♏33	26♑ 6	4♐41	21♈14	27°R28	15°R23	15♑35	24♐ 1	16♑14	T 1
W 2	6 58 11	15°21'00	6♏ 2	3°10	22°25	26° 4	26°44	26°13	4°44	21°14	27♌27	15°D23	15°32	24° 7	16°19	W 2
T 3	7 2 7	16°22'03	18° 5	3°36	23°40	26°45	26°55	26°20	4°47	21°14	27°26	15♑23	15°29	24°14	16°24	T 3
F 4	7 6 4	17°23'05	29°59	3°53	24°55	27°26	27° 6	26°27	4°50	21°15	27°25	15°23	15°26	24°20	16°29	F 4
S 5	7 10 0	18°24'06	11♐48	3°R58	26°10	28° 8	27°17	26°35	4°52	21°15	27°24	15°23	15°23	24°27	16°34	S 5
S 6	7 13 57	19°25'06	23°35	3°52	27°25	28°49	27°28	26°42	4°55	21°15	27°23	15°24	15°19	24°34	16°40	S 6
M 7	7 17 54	20°26'05	5♑23	3°35	28°40	29°31	27°38	26°49	4°58	21°15	27°21	15°24	15°16	24°40	16°45	M 7
T 8	7 21 50	21°27'03	17°15	3° 6	29°54	0♐12	27°49	26°56	5° 1	21°16	27°20	15°R24	15°13	24°47	16°50	T 8
W 9	7 25 47	22°28'01	29°13	2°27	1♑ 9	0°54	27°59	27° 3	5° 4	21°16	27°19	15°24	15°10	24°54	16°55	W 9
T 10	7 29 43	23°28'56	11♒19	1°39	2°24	1°35	28° 9	27°10	5° 7	21°17	27°18	15°23	15° 7	25° 0	17° 0	T 10
F 11	7 33 40	24°29'51	23°34	0°42	3°39	2°17	28°20	27°18	5° 9	21°17	27°17	15°22	15° 3	25° 7	17° 5	F 11
S 12	7 37 36	25°30'44	6♓ 0	29♑38	4°54	2°58	28°30	27°25	5°12	21°17	27°15	15°21	15° 0	25°14	17°10	S 12
S 13	7 41 33	26°31'36	18°39	28°29	6° 9	3°40	28°40	27°32	5°15	21°18	27°14	15°19	14°57	25°20	17°15	S 13
M14	7 45 29	27°32'26	1♈33	27°17	7°24	4°22	28°49	27°39	5°17	21°19	27°13	15°18	14°54	25°27	17°20	M14
T 15	7 49 26	28°33'15	14°44	26° 5	8°38	5° 3	28°59	27°46	5°20	21°19	27°11	15°17	14°51	25°34	17°25	T 15
W16	7 53 23	29°34'02	28°13	24°53	9°53	5°45	29° 9	27°54	5°22	21°20	27°10	15°D16	14°48	25°40	17°30	W16
T 17	7 57 19	0♒34'47	12♉ 3	23°45	11° 8	6°26	29°18	28° 1	5°25	21°20	27° 9	15°17	14°44	25°47	17°35	T 17
F 18	8 1 16	1°35'31	26°12	22°41	12°23	7° 8	29°28	28° 8	5°27	21°21	27° 7	15°18	14°41	25°54	17°40	F 18
S 19	8 5 12	2°36'13	10♊40	21°43	13°38	7°50	29°37	28°15	5°30	21°22	27° 6	15°19	14°38	26° 0	17°45	S 19
S 20	8 9 9	3°36'54	25°23	20°52	14°53	8°32	29°46	28°22	5°32	21°22	27° 5	15°20	14°35	26° 7	17°50	S 20
M21	8 13 5	4°37'33	10♋17	20° 8	16° 7	9°13	29°56	28°29	5°34	21°23	27° 3	15°R21	14°32	26°14	17°55	M21
T 22	8 17 2	5°38'10	25°14	19°32	17°22	9°55	0♐ 5	28°37	5°36	21°24	27° 2	15°21	14°29	26°20	18° 0	T 22
W23	8 20 59	6°38'45	10♌ 6	19° 4	18°37	10°37	0°13	28°44	5°39	21°25	27° 0	15°19	14°25	26°27	18° 5	W23
T 24	8 24 55	7°39'19	24°45	18°43	19°52	11°19	0°22	28°51	5°41	21°26	26°59	15°17	14°22	26°34	18°10	T 24
F 25	8 28 52	8°39'51	9♍ 4	18°30	21° 6	12° 0	0°31	28°58	5°43	21°27	26°57	15°14	14°19	26°40	18°15	F 25
S 26	8 32 48	9°40'22	22°59	18°D25	22°21	12°42	0°39	29° 5	5°45	21°28	26°56	15°10	14°16	26°47	18°19	S 26
S 27	8 36 45	10°40'51	6♎28	18°27	23°36	13°24	0°48	29°12	5°47	21°29	26°54	15° 7	14°13	26°54	18°24	S 27
M28	8 40 41	11°41'19	19°31	18°35	24°51	14° 6	0°56	29°19	5°49	21°30	26°53	15° 4	14° 9	27° 0	18°29	M28
T 29	8 44 38	12°41'46	2♏10	18°50	26° 6	14°48	1° 4	29°26	5°51	21°31	26°51	15° 2	14° 6	27° 7	18°34	T 29
W30	8 48 34	13°42'11	14°28	19°11	27°20	15°30	1°12	29°33	5°53	21°32	26°50	15°D 1	14° 3	27°13	18°38	W30
T 31	8 52 31	14♒42'35	26♏32	19♑37	28♑35	16♐12	1♐20	29♑40	5♐55	21♈33	26♌48	15♑ 2	14♑ 0	27♐20	18♑43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s50	14s 9	5s15	19s28	0n16	22s51	0n27	18s55	0n19	18s46	0n46	21s39	0s35	21s10	0n 4	6n35	1s53	25n42	14n13	22s43	22s41	25s22	16s57	5n42
W 2	22 43	18 18	4 58	19 3	0 32	22 59	0 25	19 6	0 19	18 49	0 46	21 38	0 35	21 10	0 4	6 35	1 53	25 43	14 13	22 43	22 42	25 21	16 56	5 42
T 3	22 36	21 37	4 28	18 41	0 50	23 5	0 22	19 16	0 18	18 51	0 46	21 37	0 36	21 11	0 4	6 36	1 53	25 44	14 14	22 43	22 42	25 21	16 56	5 42
F 4	22 28	23 59	3 47	18 20	1 7	23 11	0 19	19 27	0 17	18 54	0 46	21 35	0 36	21 11	0 4	6 36	1 53	25 45	14 14	22 43	22 42	25 20	16 55	5 42
S 5	22 20	25 16	2 56	18 1	1 25	23 16	0 17	19 37	0 17	18 56	0 46	21 34	0 36	21 12	0 4	6 36	1 53	25 45	14 14	22 43	22 43	25 20	16 54	5 42
S 6	22 11	25 25	1 58	17 45	1 43	23 21	0 14	19 47	0 16	18 59	0 46	21 33	0 36	21 12	0 4	6 36	1 53	25 46	14 15	22 43	22 43	25 19	16 54	5 42
M 7	22 2	24 25	0 55	17 31	2 1	23 25	0 11	19 56	0 15	19 1	0 46	21 31	0 36	21 13	0 4	6 36	1 53	25 47	14 15	22 42	22 43	25 19	16 53	5 42
T 8	21 53	22 19	0n10	17 21	2 19	23 28	0 9	20 6	0 14	19 3	0 46	21 30	0 36	21 13	0 4	6 36	1 53	25 48	14 15	22 42	22 44	25 18	16 53	5 42
W 9	21 43	19 13	1 16	17 13	2 35	23 30	0 6	20 15	0 14	19 6	0 46	21 29	0 36	21 14	0 4	6 37	1 53	25 48	14 16	22 43	22 44	25 17	16 52	5 42
T 10	21 33	15 16	2 19	17 9	2 51	23 32	0 3	20 25	0 13	19 8	0 46	21 27	0 36	21 14	0 4	6 37	1 53	25 49	14 16	22 43	22 44	25 17	16 51	5 42
F 11	21 22	10 40	3 16	17 8	3 5	23 32	0 1	20 34	0 12	19 10	0 46	21 26	0 36	21 15	0 4	6 37	1 53	25 50	14 16	22 43	22 45	25 16	16 50	5 42
S 12	21 11	5 34	4 5	17 10	3 17	23 33	0s 2	20 43	0 11	19 12	0 47	21 25	0 36	21 15	0 4	6 37	1 53	25 51	14 17	22 43	22 45	25 16	16 50	5 43
S 13	21 0	0 11	4 43	17 14	3 27	23 32	0 4	20 51	0 11	19 15	0 47	21 23	0 36	21 16	0 4	6 37	1 53	25 51	14 17	22 43	22 46	25 15	16 49	5 43
M14	20 48	5n19	5 8	17 20	3 35	23 31	0 7	21 0	0 10	19 17	0 47	21 22	0 36	21 16	0 4	6 38	1 53	25 52	14 17	22 43	22 46	25 15	16 48	5 43
T 15	20 36	10 42	5 17	17 29	3 40	23 29	0 10	21 8	0 9	19 19	0 47	21 21	0 36	21 17	0 4	6 38	1 52	25 53	14 18	22 43	22 46	25 14	16 48	5 43
W16	20 23	15 43	5 9	17 39	3 43	23 26	0 12	21 16	0 8	19 21	0 47	21 19	0 36	21 17	0 4	6 38	1 52	25 54	14 18	22 43	22 47	25 13	16 47	5 43
T 17	20 10	20 2	4 43	17 50	3 43	23 23	0 15	21 25	0 8	19 23	0 47	21 18	0 36	21 18	0 4	6 39	1 52	25 54	14 18	22 43	22 47	25 13	16 46	5 43
F 18	19 57	23 19	4 0	18 3	3 41	23 19	0 17	21 32	0 7	19 25	0 47	21 16	0 37	21 18	0 4	6 39	1 52	25 55	14 18	22 43	22 47	25 12	16 45	5 43
S 19	19 43	25 10	3 0	18 16	3 37	23 14	0 20	21 40	0 6	19 27	0 47	21 15	0 37	21 18	0 4	6 39	1 52	25 56	14 19	22 43	22 48	25 11	16 45	5 43
S 20	19 29	25 20	1 48	18 29	3 32	23 8	0 22	21 48	0 5	19 29	0 47	21 14	0 37	21 19	0 4	6 40	1 52	25 57	14 19	22 43	22 48	25 11	16 44	5 43
M21	19 14	23 40	0 28	18 43	3 25	23 2	0 25	21 55	0 4	19 31	0 47	21 12	0 37	21 19	0 4	6 40	1 52	25 57	14 19	22 43	22 48	25 10	16 43	5 44
T 22	19 0	20 21	0s54	18 56	3 16	22 55	0 27	22 2	0 4	19 33	0 47	21 11	0 37	21 20	0 4	6 40	1 52	25 58	14 19	22 43	22 49	25 10	16 42	5 44
W23	18 44	15 43	2 13	19 10	3 6	22 47	0 29	22 9	0 3	19 34	0 47	21 10	0 37	21 20	0 4	6 41	1 52	25 59	14 20	22 43	22 49	25 9	16 42	5 44
T 24	18 29	10 13	3 21	19 23	2 56	22 39	0 32	22 16	0 2	19 36	0 47	21 8	0 37	21 21	0 4	6 41	1 52	26 0	14 20	22 43	22 49	25 8	16 41	5 44
F 25	18 13	4 18	4 14	19 36	2 45	22 30	0 34	22 22	0 1	19 38	0 47	21 7	0 37	21 21	0 4	6 41	1 52	26 0	14 20	22 44	22 50	25 8	16 40	5 44
S 26	17 57	1s39	4 51	19 48	2 33	22 20	0 36	22 28	0 0	19 40	0 47	21 5	0 37	21 21	0 4	6 42	1 52	26 1	14 20	22 44	22 50	25 7	16 39	5 44
S 27	17 41	7 20	5 11	20 0	2 21	22 10	0 39	22 35	0s 1	19 42	0 47	21 4	0 37	21 22	0 4	6 42	1 52	26 2	14 21	22 45	22 50	25 6	16 38	5 44
M28	17 24	12 31	5 14	20 11	2 9	21 58	0 41	22 41	0 2	19 43	0 47	21 3	0 37	21 22	0 4	6 43	1 52	26 2	14 21	22 45	22 51	25 5	16 38	5 45
T 29	17 7	17 0	5 1	20 21	1 57	21 47	0 43	22 46	0 2	19 45	0 47	21 1	0 37	21 22	0 4	6 43	1 52	26 3	14 21	22 45	22 51	25 5	16 37	5 45
W30	16 50	20 39	4 34	20 30	1 44	21 34	0 45	22 52	0 3	19 46	0 47	21 0	0 38	21 23	0 4	6 44	1 52	26 4	14 21	22 45	22 51	25 4	16 36	5 45
T 31	16s32	23s20	3s56	20s38	1n32	21s21	0s47	22s57	0s 4	19s48	0n47	20s58	0s38	21s23	0n 4	6n44	1s52	26n 5	14n21	22s45	22s52	25s 3	16s35	5n45

Julian Day Number = 1986229.5, Delta T = 56m54s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'39, Lahiri = 6°06'39 Julian Calendar 1 Jan. 726 == Greg. Calendar 5 Jan. 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

FEBRUARY 726 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 56 27	15♒42'57	8♐25	20♑ 8	29♑50	16♐54	1♐28	29♑47	5♐57	21♈34	26°R47	15♑ 3	13♑57	27♐27	18♑48	F 1
S 2	9 0 24	16°43'18	20°13	20°43	1♒ 5	17°36	1°35	29°54	5°59	21°35	26♌45	15° 5	13°54	27°33	18°52	S 2
S 3	9 4 21	17°43'37	2♑ 0	21°23	2°19	18°18	1°43	0♒ 1	6° 0	21°36	26°44	15° 7	13°50	27°40	18°57	S 3
M 4	9 8 17	18°43'55	13°50	22° 7	3°34	19° 0	1°50	0° 8	6° 2	21°37	26°42	15°R 8	13°47	27°47	19° 2	M 4
T 5	9 12 14	19°44'11	25°48	22°55	4°49	19°42	1°57	0°15	6° 4	21°39	26°40	15° 7	13°44	27°53	19° 6	T 5
W 6	9 16 10	20°44'25	7♒55	23°46	6° 4	20°24	2° 4	0°22	6° 5	21°40	26°39	15° 5	13°41	28° 0	19°11	W 6
T 7	9 20 7	21°44'37	20°15	24°40	7°18	21° 6	2°11	0°29	6° 7	21°41	26°37	15° 1	13°38	28° 7	19°15	T 7
F 8	9 24 3	22°44'47	2♓47	25°37	8°33	21°48	2°18	0°36	6° 8	21°43	26°36	14°55	13°35	28°13	19°20	F 8
S 9	9 28 0	23°44'56	15°32	26°37	9°48	22°30	2°24	0°43	6°10	21°44	26°34	14°48	13°31	28°20	19°24	S 9
S 10	9 31 56	24°45'02	28°31	27°40	11° 2	23°12	2°31	0°50	6°11	21°45	26°33	14°41	13°28	28°27	19°29	S 10
M11	9 35 53	25°45'06	11♈43	28°45	12°17	23°54	2°37	0°56	6°12	21°47	26°31	14°34	13°25	28°33	19°33	M11
T 12	9 39 50	26°45'08	25° 8	29°52	13°32	24°36	2°43	1° 3	6°14	21°48	26°29	14°29	13°22	28°40	19°37	T 12
W13	9 43 46	27°45'08	8♉44	1♒ 2	14°46	25°18	2°49	1°10	6°15	21°50	26°28	14°25	13°19	28°47	19°42	W13
T 14	9 47 43	28°45'06	22°33	2°13	16° 1	26° 0	2°55	1°17	6°16	21°51	26°26	14°D24	13°15	28°53	19°46	T 14
F 15	9 51 39	29°45'01	6♊33	3°26	17°16	26°43	3° 0	1°23	6°17	21°53	26°25	14°24	13°12	29° 0	19°50	F 15
S 16	9 55 36	0♓44'55	20°43	4°42	18°30	27°25	3° 6	1°30	6°18	21°54	26°23	14°25	13° 9	29° 7	19°54	S 16
S 17	9 59 32	1°44'46	5♋ 4	5°59	19°45	28° 7	3°11	1°36	6°19	21°56	26°22	14°26	13° 6	29°13	19°58	S 17
M18	10 3 29	2°44'34	19°31	7°17	20°59	28°49	3°16	1°43	6°20	21°57	26°20	14°R26	13° 3	29°20	20° 2	M18
T 19	10 7 25	3°44'20	4♌ 2	8°37	22°14	29°31	3°21	1°49	6°21	21°59	26°18	14°24	13° 0	29°27	20° 6	T 19
W20	10 11 22	4°44'04	18°31	9°59	23°29	0♑13	3°26	1°56	6°22	22° 1	26°17	14°20	12°56	29°33	20°10	W20
T 21	10 15 19	5°43'46	2♍53	11°23	24°43	0°56	3°31	2° 2	6°23	22° 2	26°15	14°14	12°53	29°40	20°14	T 21
F 22	10 19 15	6°43'26	17° 1	12°47	25°58	1°38	3°35	2° 9	6°24	22° 4	26°14	14° 6	12°50	29°46	20°18	F 22
S 23	10 23 12	7°43'04	0♎50	14°14	27°12	2°20	3°40	2°15	6°24	22° 6	26°12	13°57	12°47	29°53	20°22	S 23
S 24	10 27 8	8°42'39	14°18	15°41	28°27	3° 2	3°44	2°21	6°25	22° 8	26°11	13°48	12°44	29°59	20°26	S 24
M25	10 31 5	9°42'13	27°22	17°10	29°41	3°45	3°48	2°27	6°26	22° 9	26° 9	13°40	12°40	0♑ 6	20°30	M25
T 26	10 35 1	10°41'45	10♏ 4	18°41	0♓56	4°27	3°52	2°34	6°26	22°11	26° 8	13°33	12°37	0°13	20°33	T 26
W27	10 38 58	11°41'15	22°25	20°13	2°10	5° 9	3°55	2°40	6°27	22°13	26° 6	13°29	12°34	0°20	20°37	W27
T 28	10 42 54	12♓40'44	4♐31	21♒46	3♓25	5♑52	3♐59	2♒46	6♐27	22♈15	26♌ 5	13♑27	12♑31	0♑26	20♑41	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s14	24s57	3s 8	20s46	1n20	21s 8	0s49	23s 2	0s 5	19s50	0n47	20s57	0s38	21s23	0n 4	6n45	1s51	26n 5	14n21	22s45	22s52	25s 3	16s34	5n45
S 2	15 56	25 27	2 12	20 53	1 8	20 53	0 51	23 7	0 6	19 51	0 47	20 55	0 38	21 24	0 4	6 45	1 51	26 6	14 22	22 45	22 52	25 2	16 34	5 46
S 3	15 38	24 47	1 11	20 58	0 56	20 38	0 53	23 12	0 7	19 52	0 47	20 54	0 38	21 24	0 4	6 46	1 51	26 7	14 22	22 44	22 53	25 1	16 33	5 46
M 4	15 19	23 0	0 7	21 2	0 45	20 23	0 55	23 17	0 8	19 54	0 47	20 53	0 38	21 24	0 4	6 46	1 51	26 7	14 22	22 44	22 53	25 0	16 32	5 46
T 5	15 0	20 11	0n58	21 6	0 33	20 7	0 57	23 21	0 9	19 55	0 47	20 51	0 38	21 25	0 4	6 47	1 51	26 8	14 22	22 44	22 53	25 0	16 31	5 46
W 6	14 41	16 28	2 1	21 8	0 22	19 50	0 59	23 25	0 10	19 57	0 47	20 50	0 38	21 25	0 3	6 47	1 51	26 9	14 22	22 45	22 54	24 59	16 30	5 47
T 7	14 21	12 0	3 0	21 9	0 12	19 33	1 0	23 29	0 11	19 58	0 47	20 48	0 38	21 25	0 3	6 48	1 51	26 9	14 22	22 45	22 54	24 58	16 29	5 47
F 8	14 2	6 58	3 51	21 9	0 1	19 15	1 2	23 33	0 12	19 59	0 48	20 47	0 38	21 25	0 3	6 48	1 51	26 10	14 22	22 46	22 54	24 57	16 28	5 47
S 9	13 42	1 35	4 31	21 7	0s 9	18 56	1 4	23 36	0 13	20 0	0 48	20 46	0 38	21 26	0 3	6 49	1 51	26 11	14 22	22 47	22 55	24 57	16 28	5 47
S 10	13 22	3n57	4 58	21 4	0 19	18 38	1 5	23 39	0 14	20 2	0 48	20 44	0 39	21 26	0 3	6 49	1 51	26 11	14 23	22 47	22 55	24 56	16 27	5 48
M11	13 1	9 24	5 9	21 0	0 28	18 18	1 7	23 42	0 15	20 3	0 48	20 43	0 39	21 26	0 3	6 50	1 51	26 12	14 23	22 48	22 55	24 55	16 26	5 48
T 12	12 41	14 30	5 4	20 55	0 37	17 58	1 8	23 45	0 16	20 4	0 48	20 41	0 39	21 26	0 3	6 50	1 51	26 13	14 23	22 49	22 56	24 54	16 25	5 48
W13	12 20	18 58	4 42	20 49	0 46	17 38	1 10	23 48	0 17	20 5	0 48	20 40	0 39	21 27	0 3	6 51	1 51	26 13	14 23	22 49	22 56	24 54	16 24	5 48
T 14	11 59	22 28	4 4	20 41	0 54	17 17	1 11	23 50	0 18	20 6	0 48	20 39	0 39	21 27	0 3	6 52	1 51	26 14	14 23	22 49	22 56	24 53	16 23	5 49
F 15	11 38	24 41	3 10	20 31	1 2	16 55	1 13	23 52	0 19	20 7	0 48	20 37	0 39	21 27	0 3	6 52	1 51	26 15	14 23	22 49	22 57	24 52	16 22	5 49
S 16	11 17	25 21	2 5	20 21	1 9	16 33	1 14	23 54	0 20	20 8	0 48	20 36	0 39	21 27	0 3	6 53	1 51	26 15	14 23	22 49	22 57	24 51	16 22	5 49
S 17	10 56	24 21	0 50	20 9	1 17	16 11	1 15	23 56	0 21	20 9	0 48	20 35	0 39	21 27	0 3	6 54	1 51	26 16	14 23	22 49	22 57	24 50	16 21	5 49
M18	10 34	21 43	0s27	19 55	1 23	15 48	1 16	23 58	0 22	20 10	0 48	20 33	0 39	21 28	0 3	6 54	1 51	26 16	14 23	22 49	22 58	24 50	16 20	5 50
T 19	10 12	17 42	1 44	19 40	1 30	15 25	1 17	23 59	0 23	20 11	0 48	20 32	0 39	21 28	0 3	6 55	1 51	26 17	14 23	22 49	22 58	24 49	16 19	5 50
W20	9 50	12 38	2 53	19 24	1 36	15 1	1 18	24 0	0 24	20 12	0 48	20 31	0 40	21 28	0 3	6 55	1 50	26 17	14 23	22 50	22 58	24 48	16 18	5 50
T 21	9 28	6 56	3 51	19 7	1 41	14 37	1 19	24 1	0 25	20 13	0 48	20 29	0 40	21 28	0 3	6 56	1 50	26 18	14 23	22 50	22 59	24 47	16 17	5 51
F 22	9 6	0 58	4 33	18 48	1 47	14 13	1 20	24 1	0 26	20 14	0 48	20 28	0 40	21 28	0 3	6 57	1 50	26 19	14 23	22 51	22 59	24 46	16 16	5 51
S 23	8 44	4s53	4 58	18 27	1 51	13 48	1 21	24 2	0 27	20 14	0 48	20 26	0 40	21 28	0 3	6 57	1 50	26 19	14 23	22 52	22 59	24 45	16 15	5 51
S 24	8 22	10 22	5 6	18 5	1 56	13 22	1 22	24 2	0 28	20 15	0 48	20 25	0 40	21 28	0 3	6 58	1 50	26 20	14 23	22 53	22 59	24 44	16 15	5 52
M25	7 59	15 13	4 57	17 42	2 0	12 57	1 23	24 2	0 29	20 16	0 48	20 24	0 40	21 29	0 3	6 59	1 50	26 20	14 23	22 54	23 0	24 44	16 14	5 52
T 26	7 36	19 16	4 34	17 17	2 3	12 31	1 23	24 2	0 30	20 17	0 48	20 23	0 40	21 29	0 3	7 0	1 50	26 21	14 23	22 55	23 0	24 43	16 13	5 52
W27	7 14	22 21	3 59	16 51	2 7	12 5	1 24	24 1	0 31	20 17	0 48	20 21	0 40	21 29	0 3	7 0	1 50	26 21	14 23	22 55	23 0	24 42	16 12	5 53
T 28	6s51	24s21	3s13	16s23	2s 9	11s38	1s24	24s 1	0s32	20s18	0n49	20s20	0s40	21s29	0n 3	7n 1	1s50	26n22	14n23	22s55	23s 1	24s41	16s11	5n53

Julian Day Number = 1986260.5, Delta T = 56m54s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'43, Lahiri = 6°06'43 Julian Calendar 1 Feb. 726 == Greg. Calendar 5 Feb. 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

MARCH 726 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 46 51	13♓40'10	16♐25	23♒20	4♓39	6♑34	4♐ 2	2♒52	6♐28	22♈16	26°R 3	13°D26	12♑28	0♑33	20♑44	F 1
S 2	10 50 48	14°39'35	28°14	24°56	5°54	7°16	4° 5	2°58	6°28	22°18	26♌ 2	13♑27	12°25	0°40	20°48	S 2
S 3	10 54 44	15°38'58	10♑ 2	26°33	7° 8	7°59	4° 8	3° 4	6°28	22°20	26° 0	13°R28	12°21	0°46	20°51	S 3
M 4	10 58 41	16°38'19	21°55	28°12	8°23	8°41	4°11	3°10	6°29	22°22	25°59	13°27	12°18	0°53	20°55	M 4
T 5	11 2 37	17°37'38	3♒57	29°52	9°37	9°23	4°14	3°16	6°29	22°24	25°57	13°25	12°15	1° 0	20°58	T 5
W 6	11 6 34	18°36'55	16°13	1♓33	10°51	10° 6	4°16	3°21	6°29	22°26	25°56	13°21	12°12	1° 6	21° 1	W 6
T 7	11 10 30	19°36'10	28°45	3°16	12° 6	10°48	4°18	3°27	6°29	22°28	25°54	13°13	12° 9	1°13	21° 5	T 7
F 8	11 14 27	20°35'23	11♓34	5° 0	13°20	11°30	4°20	3°33	6°R29	22°30	25°53	13° 4	12° 6	1°20	21° 8	F 8
S 9	11 18 23	21°34'34	24°41	6°45	14°35	12°13	4°22	3°38	6°29	22°32	25°52	12°53	12° 2	1°26	21°11	S 9
S 10	11 22 20	22°33'43	8♈ 4	8°32	15°49	12°55	4°24	3°44	6°29	22°34	25°50	12°41	11°59	1°33	21°14	S 10
M11	11 26 16	23°32'50	21°41	10°20	17° 3	13°37	4°25	3°49	6°29	22°36	25°49	12°29	11°56	1°39	21°17	M11
T 12	11 30 13	24°31'54	5♉28	12° 9	18°18	14°20	4°26	3°55	6°29	22°38	25°47	12°20	11°53	1°46	21°20	T 12
W13	11 34 10	25°30'57	19°24	14° 0	19°32	15° 2	4°27	4° 0	6°28	22°40	25°46	12°13	11°50	1°53	21°23	W13
T 14	11 38 6	26°29'57	3♊24	15°53	20°46	15°44	4°28	4° 5	6°28	22°42	25°45	12° 9	11°46	1°59	21°26	T 14
F 15	11 42 3	27°28'54	17°28	17°47	22° 1	16°27	4°29	4°11	6°28	22°44	25°43	12° 7	11°43	2° 6	21°29	F 15
S 16	11 45 59	28°27'50	1♋34	19°42	23°15	17° 9	4°30	4°16	6°27	22°46	25°42	12°D 7	11°40	2°13	21°31	S 16
S 17	11 49 56	29°26'42	15°41	21°39	24°29	17°51	4°30	4°21	6°27	22°48	25°41	12°R 7	11°37	2°19	21°34	S 17
M18	11 53 52	0♈25'33	29°48	23°37	25°43	18°34	4°R30	4°26	6°27	22°50	25°40	12° 6	11°34	2°26	21°37	M18
T 19	11 57 49	1°24'21	13♌54	25°36	26°58	19°16	4°30	4°31	6°26	22°53	25°38	12° 3	11°31	2°33	21°39	T 19
W20	12 1 45	2°23'07	27°57	27°37	28°12	19°58	4°30	4°36	6°25	22°55	25°37	11°57	11°27	2°39	21°42	W20
T 21	12 5 42	3°21'50	11♍52	29°39	29°26	20°41	4°29	4°41	6°25	22°57	25°36	11°48	11°24	2°46	21°44	T 21
F 22	12 9 39	4°20'32	25°38	1♈42	0♈40	21°23	4°29	4°46	6°24	22°59	25°35	11°37	11°21	2°53	21°46	F 22
S 23	12 13 35	5°19'11	9♎ 9	3°46	1°55	22° 5	4°28	4°50	6°23	23° 1	25°34	11°25	11°18	2°59	21°49	S 23
S 24	12 17 32	6°17'48	22°24	5°51	3° 9	22°48	4°27	4°55	6°23	23° 3	25°33	11°12	11°15	3° 6	21°51	S 24
M25	12 21 28	7°16'23	5♏19	7°57	4°23	23°30	4°26	5° 0	6°22	23° 5	25°32	11° 1	11°11	3°13	21°53	M25
T 26	12 25 25	8°14'57	17°56	10° 4	5°37	24°12	4°25	5° 4	6°21	23° 8	25°30	10°51	11° 8	3°19	21°55	T 26
W27	12 29 21	9°13'29	0♐16	12°11	6°51	24°54	4°23	5° 8	6°20	23°10	25°29	10°44	11° 5	3°26	21°57	W27
T 28	12 33 18	10°11'59	12°21	14°19	8° 5	25°37	4°21	5°13	6°19	23°12	25°28	10°40	11° 2	3°32	21°59	T 28
F 29	12 37 14	11°10'27	24°15	16°26	9°19	26°19	4°20	5°17	6°18	23°14	25°27	10°37	10°59	3°39	22° 1	F 29
S 30	12 41 11	12° 8'54	6♑ 4	18°33	10°34	27° 1	4°17	5°21	6°17	23°16	25°26	10°37	10°56	3°46	22° 3	S 30
S 31	12 45 8	13♈ 7'19	17♑53	20♈40	11♈48	27♑43	4♐15	5♒25	6♐16	23♈19	25♌25	10♑37	10♑52	3♑52	22♑ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	6s28	25s13	2s20	15s54	2s12	11s11	1s25	24s 0	0s34	20s18	0n49	20s19	0s40	21s29	0n 3	7n 2	1s50	26n22	14n23	22s55	23s 1	24s40	16s10	5n53	F 1
S 2	6 5	24 56	1 21	15 24	2 13	10 44	1 25	23 59	0 35	20 19	0 49	20 17	0 41	21 29	0 3	7 2	1 50	26 23	14 23	22 55	23 1	24 39	16 9	5 54	S 2
S 3	5 42	23 32	0 18	14 52	2 15	10 16	1 26	23 57	0 36	20 19	0 49	20 16	0 41	21 29	0 3	7 3	1 50	26 23	14 23	22 55	23 2	24 38	16 8	5 54	S 3
M 4	5 19	21 4	0n45	14 18	2 16	9 49	1 26	23 56	0 37	20 20	0 49	20 15	0 41	21 29	0 3	7 4	1 50	26 23	14 22	22 55	23 2	24 37	16 8	5 54	M 4
T 5	4 55	17 40	1 47	13 43	2 16	9 21	1 26	23 54	0 38	20 20	0 49	20 14	0 41	21 29	0 3	7 5	1 50	26 24	14 22	22 55	23 2	24 36	16 7	5 55	T 5
W 6	4 32	13 27	2 45	13 7	2 16	8 52	1 26	23 52	0 39	20 21	0 49	20 12	0 41	21 29	0 3	7 5	1 50	26 24	14 22	22 56	23 2	24 36	16 6	5 55	W 6
T 7	4 9	8 36	3 37	12 29	2 16	8 24	1 26	23 50	0 40	20 21	0 49	20 11	0 41	21 29	0 3	7 6	1 50	26 25	14 22	22 57	23 3	24 35	16 5	5 56	T 7
F 8	3 45	3 18	4 18	11 50	2 15	7 55	1 26	23 48	0 42	20 21	0 49	20 10	0 41	21 29	0 3	7 7	1 50	26 25	14 22	22 57	23 3	24 34	16 4	5 56	F 8
S 9	3 22	2n16	4 47	11 9	2 13	7 26	1 26	23 45	0 43	20 22	0 49	20 9	0 41	21 29	0 3	7 8	1 50	26 26	14 22	22 59	23 3	24 33	16 3	5 56	S 9
S 10	2 58	7 49	5 1	10 27	2 11	6 57	1 26	23 42	0 44	20 22	0 49	20 7	0 42	21 29	0 3	7 8	1 50	26 26	14 22	23 0	23 4	24 32	16 2	5 57	S 10
M11	2 35	13 6	4 58	9 44	2 9	6 28	1 26	23 39	0 45	20 22	0 49	20 6	0 42	21 29	0 3	7 9	1 50	26 26	14 22	23 1	23 4	24 31	16 2	5 57	M11
T 12	2 11	17 48	4 38	8 59	2 6	5 58	1 26	23 36	0 46	20 22	0 49	20 5	0 42	21 29	0 3	7 10	1 50	26 27	14 21	23 2	23 4	24 30	16 1	5 57	T 12
W13	1 48	21 34	4 1	8 13	2 2	5 29	1 26	23 32	0 48	20 22	0 49	20 4	0 42	21 29	0 3	7 11	1 50	26 27	14 21	23 2	23 4	24 29	16 0	5 58	W13
T 14	1 24	24 5	3 10	7 25	1 58	4 59	1 25	23 29	0 49	20 23	0 49	20 3	0 42	21 29	0 3	7 12	1 50	26 27	14 21	23 3	23 5	24 28	15 59	5 58	T 14
F 15	1 0	25 7	2 7	6 37	1 54	4 29	1 25	23 25	0 50	20 23	0 49	20 2	0 42	21 29	0 3	7 12	1 50	26 28	14 21	23 3	23 5	24 27	15 58	5 59	F 15
S 16	0 37	24 31	0 56	5 46	1 49	3 59	1 24	23 21	0 51	20 23	0 49	20 1	0 42	21 29	0 3	7 13	1 50	26 28	14 21	23 3	23 5	24 26	15 57	5 59	S 16
S 17	0 13	22 22	0s19	4 55	1 43	3 29	1 24	23 16	0 53	20 23	0 49	19 59	0 42	21 29	0 3	7 14	1 50	26 28	14 21	23 3	23 6	24 25	15 57	6 0	S 17
M18	0n10	18 50	1 32	4 2	1 37	2 59	1 23	23 12	0 54	20 23	0 49	19 58	0 43	21 29	0 3	7 15	1 50	26 28	14 20	23 3	23 6	24 24	15 56	6 0	M18
T 19	0 34	14 13	2 40	3 9	1 31	2 29	1 22	23 7	0 55	20 23	0 49	19 57	0 43	21 29	0 3	7 16	1 50	26 29	14 20	23 3	23 6	24 23	15 55	6 0	T 19
W20	0 57	8 52	3 37	2 14	1 23	1 58	1 22	23 2	0 56	20 23	0 49	19 56	0 43	21 29	0 3	7 16	1 50	26 29	14 20	23 4	23 6	24 22	15 54	6 1	W20
T 21	1 21	3 8	4 21	1 18	1 16	1 28	1 21	22 57	0 58	20 22	0 49	19 55	0 43	21 29	0 3	7 17	1 49	26 29	14 20	23 5	23 7	24 21	15 53	6 1	T 21
F 22	1 44	2s40	4 49	0 21	1 8	0 57	1 20	22 52	0 59	20 22	0 50	19 54	0 43	21 28	0 3	7 18	1 49	26 29	14 20	23 6	23 7	24 20	15 53	6 2	F 22
S 23	2 8	8 15	5 0	0n36	0 59	0 27	1 19	22 46	1 0	20 22	0 50	19 53	0 43	21 28	0 3	7 19	1 49	26 30	14 19	23 7	23 7	24 19	15 52	6 2	S 23
S 24	2 31	13 20	4 55	1 35	0 50	0n 4	1 18	22 40	1 2	20 22	0 50	19 52	0 43	21 28	0 3	7 20	1 49	26 30	14 19	23 8	23 7	24 18	15 51	6 3	S 24
M25	2 54	17 41	4 34	2 33	0 41	0 34	1 17	22 35	1 3	20 22	0 50	19 51	0 44	21 28	0 3	7 21	1 49	26 30	14 19	23 9	23 8	24 17	15 50	6 3	M25
T 26	3 18	21 8	4 1	3 33	0 31	1 5	1 16	22 28	1 4	20 21	0 50	19 50	0 44	21 28	0 3	7 21	1 49	26 30	14 19	23 9	23 8	24 16	15 50	6 3	T 26
W27	3 41	23 32	3 16	4 32	0 21	1 36	1 15	22 22	1 5	20 21	0 50	19 49	0 44	21 28	0 3	7 22	1 49	26 30	14 18	23 10	23 8	24 15	15 49	6 4	W27
T 28	4 4	24 48	2 24	5 32	0 10	2 6	1 14	22 16	1 7	20 21	0 50	19 48	0 44	21 28	0 3	7 23	1 49	26 30	14 18	23 10	23 9	24 14	15 48	6 4	T 28
F 29	4 27	24 54	1 26	6 31	0n 1	2 37	1 13	22 9	1 8	20 20	0 50	19 47	0 44	21 27	0 3	7 24	1 49	26 31	14 18	23 11	23 9	24 13	15 47	6 5	F 29
S 30	4 50	23 52	0 24	7 30	0 11	3 7	1 11	22 2	1 10	20 20	0 50	19 47	0 44	21 27	0 3	7 25	1 49	26 31	14 18	23 11	23 9	24 12	15 47	6 5	S 30
S 31	5n13	21s46	0n38	8n28	0n22	3n37	1s10	21s55	1s11	20s20	0n50	19s46	0s44	21s27	0n 3	7n26	1s49	26n31	14n17	23s11	23s 9	24s11	15s46	6n 6	S 31

Julian Day Number = 1986288.5, Delta T = 56m53s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'47, Lahiri = 6°06'47 Julian Calendar 1 March 726 == Greg. Calendar 5 March 726

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 726
geocentric

APRIL 726 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 49 4	14♈ 5'42	29♉47	22♈45	13♈ 2	28♉26	4°R13	5♒29	6°R15	23♈21	25°R24	10°R36	10♉49	3♉59	22♉ 6	M 1
T 2	12 53 1	15° 4'04	11♒52	24°50	14°16	29° 8	4♐10	5°33	6♐14	23°23	25♌24	10♉34	10°46	4° 6	22° 8	T 2
W 3	12 56 57	16° 2'24	24°12	26°52	15°30	29°50	4° 7	5°37	6°12	23°25	25°23	10°29	10°43	4°12	22°10	W 3
T 4	13 0 54	17° 0'42	6♓52	28°53	16°44	0♒32	4° 4	5°41	6°11	23°28	25°22	10°22	10°40	4°19	22°11	T 4
F 5	13 4 50	17°58'59	19°53	0♉52	17°58	1°14	4° 1	5°45	6°10	23°30	25°21	10°13	10°37	4°26	22°13	F 5
S 6	13 8 47	18°57'14	3♈16	2°49	19°12	1°57	3°58	5°48	6° 8	23°32	25°20	10° 1	10°33	4°32	22°14	S 6
S 7	13 12 43	19°55'27	17° 0	4°43	20°26	2°39	3°54	5°52	6° 7	23°34	25°19	9°49	10°30	4°39	22°15	S 7
M 8	13 16 40	20°53'38	1♉ 1	6°34	21°40	3°21	3°51	5°55	6° 5	23°37	25°19	9°38	10°27	4°46	22°17	M 8
T 9	13 20 37	21°51'48	15°15	8°21	22°54	4° 3	3°47	5°59	6° 4	23°39	25°18	9°28	10°24	4°52	22°18	T 9
W10	13 24 33	22°49'56	29°35	10° 6	24° 8	4°45	3°43	6° 2	6° 2	23°41	25°17	9°20	10°21	4°59	22°19	W10
T 11	13 28 30	23°48'02	13♊58	11°47	25°22	5°27	3°39	6° 5	6° 1	23°43	25°16	9°16	10°17	5° 5	22°20	T 11
F 12	13 32 26	24°46'06	28°17	13°24	26°36	6° 9	3°34	6° 8	5°59	23°46	25°16	9°14	10°14	5°12	22°21	F 12
S 13	13 36 23	25°44'08	12♋32	14°58	27°50	6°51	3°30	6°11	5°58	23°48	25°15	9°D14	10°11	5°19	22°22	S 13
S 14	13 40 19	26°42'08	26°38	16°28	29° 4	7°33	3°25	6°14	5°56	23°50	25°15	9°R14	10° 8	5°25	22°22	S 14
M15	13 44 16	27°40'06	10♌37	17°54	0♉18	8°14	3°20	6°17	5°54	23°52	25°14	9°13	10° 5	5°32	22°23	M15
T 16	13 48 12	28°38'02	24°28	19°16	1°31	8°56	3°16	6°20	5°52	23°55	25°14	9°11	10° 2	5°39	22°24	T 16
W17	13 52 9	29°35'56	8♍ 9	20°34	2°45	9°38	3°10	6°23	5°51	23°57	25°13	9° 6	9°58	5°45	22°24	W17
T 18	13 56 6	0♉33'48	21°40	21°48	3°59	10°20	3° 5	6°25	5°49	23°59	25°13	8°58	9°55	5°52	22°25	T 18
F 19	14 0 2	1°31'39	5♎ 1	22°58	5°13	11° 2	3° 0	6°28	5°47	24° 1	25°12	8°49	9°52	5°59	22°25	F 19
S 20	14 3 59	2°29'27	18° 9	24° 3	6°27	11°43	2°54	6°30	5°45	24° 4	25°12	8°38	9°49	6° 5	22°26	S 20
S 21	14 7 55	3°27'15	1♏ 3	25° 4	7°41	12°25	2°49	6°32	5°43	24° 6	25°11	8°27	9°46	6°12	22°26	S 21
M22	14 11 52	4°25'00	13°43	26° 1	8°55	13° 6	2°43	6°35	5°41	24° 8	25°11	8°16	9°43	6°19	22°26	M22
T 23	14 15 48	5°22'45	26° 9	26°54	10° 8	13°48	2°37	6°37	5°39	24°10	25°11	8° 8	9°39	6°25	22°26	T 23
W24	14 19 45	6°20'28	8♐21	27°42	11°22	14°30	2°31	6°39	5°37	24°13	25°10	8° 1	9°36	6°32	22°27	W24
T 25	14 23 41	7°18'09	20°22	28°25	12°36	15°11	2°25	6°41	5°35	24°15	25°10	7°57	9°33	6°39	22°R27	T 25
F 26	14 27 38	8°15'50	2♑14	29° 4	13°50	15°52	2°18	6°43	5°33	24°17	25°10	7°56	9°30	6°45	22°27	F 26
S 27	14 31 35	9°13'29	14° 2	29°38	15° 3	16°34	2°12	6°44	5°31	24°19	25°10	7°D56	9°27	6°52	22°26	S 27
S 28	14 35 31	10°11'08	25°51	0♊ 7	16°17	17°15	2° 6	6°46	5°29	24°21	25° 9	7°56	9°23	6°58	22°26	S 28
M29	14 39 28	11° 8'45	7♒45	0°32	17°31	17°56	1°59	6°48	5°27	24°24	25° 9	7°R57	9°20	7° 5	22°26	M29
T 30	14 43 24	12♉ 6'21	19♒50	0♊52	18♉45	18♒38	1♐52	6♒49	5♐25	24♈26	25♌ 9	7♉57	9♉17	7♉12	22♉26	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	5n36	18s43	1n40	9n25	0n33	4n 8	1s 9	21s48	1s12	20s19	0n50	19s45	0s44	21s27	0n 3	7n26	1s49	26n31	14n17	23s11	23s10	24s 9	15s45	6n 6	M 1
T 2	5 59	14 50	2 38	10 22	0 44	4 38	1 7	21 40	1 14	20 19	0 50	19 44	0 45	21 27	0 3	7 27	1 49	26 31	14 17	23 11	23 10	24 8	15 44	6 7	T 2
W 3	6 21	10 16	3 29	11 17	0 55	5 8	1 6	21 33	1 15	20 18	0 50	19 43	0 45	21 26	0 3	7 28	1 49	26 31	14 17	23 11	23 10	24 7	15 44	6 7	W 3
T 4	6 44	5 10	4 12	12 11	1 6	5 38	1 4	21 25	1 16	20 17	0 50	19 42	0 45	21 26	0 3	7 29	1 49	26 31	14 16	23 12	23 10	24 6	15 43	6 7	T 4
F 5	7 6	0n17	4 42	13 3	1 16	6 8	1 2	21 17	1 18	20 17	0 50	19 42	0 45	21 26	0 3	7 30	1 49	26 31	14 16	23 13	23 11	24 5	15 42	6 8	F 5
S 6	7 28	5 52	4 59	13 53	1 26	6 38	1 1	21 9	1 19	20 16	0 50	19 41	0 45	21 26	0 3	7 31	1 49	26 31	14 16	23 13	23 11	24 4	15 42	6 8	S 6
S 7	7 51	11 19	4 59	14 41	1 35	7 7	0 59	21 1	1 21	20 16	0 50	19 40	0 45	21 26	0 3	7 31	1 49	26 31	14 15	23 14	23 11	24 3	15 41	6 9	S 7
M 8	8 13	16 17	4 41	15 26	1 44	7 37	0 57	20 52	1 22	20 15	0 50	19 39	0 46	21 25	0 3	7 32	1 49	26 31	14 15	23 15	23 11	24 2	15 40	6 9	M 8
T 9	8 35	20 25	4 5	16 10	1 53	8 6	0 56	20 44	1 23	20 14	0 50	19 39	0 46	21 25	0 3	7 33	1 49	26 31	14 15	23 16	23 12	24 1	15 40	6 10	T 9
W10	8 56	23 21	3 14	16 51	2 1	8 35	0 54	20 35	1 25	20 13	0 50	19 38	0 46	21 25	0 3	7 34	1 49	26 31	14 15	23 16	23 12	24 0	15 39	6 10	W10
T 11	9 18	24 47	2 10	17 30	2 8	9 4	0 52	20 26	1 26	20 13	0 50	19 37	0 46	21 25	0 3	7 35	1 49	26 31	14 14	23 17	23 12	23 58	15 38	6 11	T 11
F 12	9 39	24 33	0 58	18 6	2 14	9 33	0 50	20 17	1 28	20 12	0 50	19 37	0 46	21 24	0 3	7 36	1 49	26 31	14 14	23 17	23 12	23 57	15 38	6 11	F 12
S 13	10 1	22 43	0s18	18 40	2 20	10 2	0 48	20 8	1 29	20 11	0 50	19 36	0 46	21 24	0 3	7 36	1 49	26 31	14 14	23 17	23 13	23 56	15 37	6 12	S 13
S 14	10 22	19 29	1 31	19 11	2 25	10 30	0 46	19 58	1 31	20 10	0 50	19 35	0 46	21 24	0 3	7 37	1 49	26 31	14 13	23 17	23 13	23 55	15 37	6 12	S 14
M15	10 43	15 9	2 39	19 40	2 29	10 58	0 44	19 49	1 32	20 9	0 50	19 35	0 47	21 23	0 3	7 38	1 49	26 31	14 13	23 17	23 13	23 54	15 36	6 13	M15
T 16	11 4	10 4	3 36	20 6	2 32	11 26	0 42	19 39	1 33	20 8	0 50	19 34	0 47	21 23	0 3	7 39	1 49	26 31	14 13	23 17	23 13	23 53	15 35	6 13	T 16
W17	11 24	4 33	4 20	20 30	2 34	11 53	0 40	19 29	1 35	20 7	0 50	19 34	0 47	21 23	0 3	7 40	1 49	26 30	14 12	23 17	23 14	23 51	15 35	6 14	W17
T 18	11 45	1s 6	4 49	20 51	2 36	12 20	0 38	19 19	1 36	20 6	0 50	19 33	0 47	21 23	0 3	7 41	1 49	26 30	14 12	23 18	23 14	23 50	15 34	6 14	T 18
F 19	12 5	6 37	5 2	21 9	2 36	12 47	0 36	19 9	1 38	20 5	0 50	19 33	0 47	21 22	0 3	7 41	1 49	26 30	14 12	23 19	23 14	23 49	15 34	6 15	F 19
S 20	12 25	11 45	4 59	21 26	2 36	13 14	0 34	18 59	1 39	20 4	0 50	19 32	0 47	21 22	0 3	7 42	1 49	26 30	14 11	23 19	23 14	23 48	15 33	6 15	S 20
S 21	12 45	16 17	4 40	21 40	2 35	13 40	0 31	18 48	1 41	20 3	0 50	19 32	0 47	21 22	0 3	7 43	1 49	26 30	14 11	23 20	23 15	23 47	15 33	6 15	S 21
M22	13 5	20 0	4 7	21 51	2 32	14 6	0 29	18 38	1 42	20 2	0 50	19 32	0 48	21 21	0 3	7 44	1 49	26 30	14 11	23 21	23 15	23 45	15 32	6 16	M22
T 23	13 24	22 43	3 24	22 1	2 29	14 32	0 27	18 27	1 44	20 1	0 50	19 31	0 48	21 21	0 3	7 45	1 49	26 29	14 10	23 21	23 15	23 44	15 32	6 16	T 23
W24	13 44	24 20	2 31	22 8	2 25	14 57	0 25	18 17	1 45	20 0	0 50	19 31	0 48	21 21	0 3	7 45	1 49	26 29	14 10	23 22	23 15	23 43	15 31	6 17	W24
T 25	14 3	24 47	1 33	22 12	2 19	15 22	0 22	18 6	1 47	19 59	0 50	19 30	0 48	21 20	0 3	7 46	1 49	26 29	14 10	23 22	23 15	23 42	15 31	6 17	T 25
F 26	14 21	24 6	0 30	22 15	2 13	15 47	0 20	17 55	1 48	19 57	0 50	19 30	0 48	21 20	0 3	7 47	1 49	26 29	14 9	23 22	23 16	23 41	15 30	6 18	F 26
S 27	14 40	22 19	0n33	22 15	2 6	16 11	0 18	17 44	1 50	19 56	0 50	19 30	0 48	21 19	0 3	7 48	1 49	26 28	14 9	23 22	23 16	23 39	15 30	6 18	S 27
S 28	14 58	19 34	1 35	22 14	1 57	16 35	0 15	17 32	1 51	19 55	0 49	19 30	0 49	21 19	0 3	7 49	1 49	26 28	14 8	23 22	23 16	23 38	15 30	6 19	S 28
M29	15 17	15 59	2 33	22 10	1 48	16 58	0 13	17 21	1 53	19 54	0 49	19 29	0 49	21 19	0 3	7 49	1 49	26 28	14 8	23 22	23 16	23 37	15 29	6 19	M29
T 30	15n34	11s43	3n26	22n 4	1n38	17n21	0s11	17s10	1s54	19s52	0n49	19s29	0s49	21s18	0n 3	7n50	1s49	26n28	14n 8	23s22	23s17	23s36	15s29	6n20	T 30

Julian Day Number = 1986319.5, Delta T = 56m52s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'51, Lahiri = 6°06'52 Julian Calendar 1 Apr. 726 == Greg. Calendar 5 Apr. 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

MAY 726 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 47 21	13♉ 3'56	2♓11	1♊ 7	19♉58	19♒19	1°R46	6♒50	5°R22	24♈28	25°R 9	7°R55	9♑14	7♑18	22°R25	W 1
T 2	14 51 17	14° 1'30	14°52	1°17	21°12	20° 0	1♐39	6°52	5♐20	24°30	25♌ 9	7♑51	9°11	7°25	22♑25	T 2
F 3	14 55 14	14°59'03	27°57	1°23	22°26	20°41	1°32	6°53	5°18	24°32	25°D 9	7°45	9° 8	7°32	22°24	F 3
S 4	14 59 10	15°56'35	11♈28	1°R24	23°39	21°22	1°25	6°54	5°16	24°34	25° 9	7°38	9° 4	7°38	22°24	S 4
S 5	15 3 7	16°54'06	25°23	1°20	24°53	22° 3	1°17	6°55	5°13	24°37	25° 9	7°30	9° 1	7°45	22°23	S 5
M 6	15 7 3	17°51'36	9♉41	1°12	26° 7	22°44	1°10	6°56	5°11	24°39	25° 9	7°22	8°58	7°52	22°22	M 6
T 7	15 11 0	18°49'05	24°15	1° 0	27°21	23°24	1° 3	6°56	5° 9	24°41	25° 9	7°15	8°55	7°58	22°21	T 7
W 8	15 14 57	19°46'34	9♊ 0	0°43	28°34	24° 5	0°56	6°57	5° 7	24°43	25° 9	7°10	8°52	8° 5	22°21	W 8
T 9	15 18 53	20°44'01	23°46	0°23	29°48	24°45	0°48	6°58	5° 4	24°45	25° 9	7° 8	8°49	8°12	22°20	T 9
F 10	15 22 50	21°41'26	8♋28	29♉59	1♊ 2	25°26	0°41	6°58	5° 2	24°47	25°10	7°D 7	8°45	8°18	22°19	F 10
S 11	15 26 46	22°38'51	22°59	29°34	2°15	26° 6	0°33	6°59	5° 0	24°49	25°10	7° 8	8°42	8°25	22°18	S 11
S 12	15 30 43	23°36'14	7♌17	29° 5	3°29	26°47	0°26	6°59	4°57	24°51	25°10	7° 9	8°39	8°31	22°16	S 12
M13	15 34 39	24°33'36	21°19	28°34	4°42	27°27	0°18	6°59	4°55	24°53	25°10	7°R10	8°36	8°38	22°15	M13
T 14	15 38 36	25°30'57	5♍ 5	28° 2	5°56	28° 7	0°11	6°R59	4°52	24°55	25°11	7° 9	8°33	8°45	22°14	T 14
W15	15 42 33	26°28'16	18°35	27°29	7°10	28°47	0° 3	6°59	4°50	24°57	25°11	7° 7	8°29	8°51	22°13	W15
T 16	15 46 29	27°25'35	1♎50	26°55	8°23	29°27	29♏56	6°59	4°47	24°59	25°11	7° 3	8°26	8°58	22°11	T 16
F 17	15 50 26	28°22'52	14°51	26°22	9°37	0♓ 7	29°48	6°59	4°45	25° 1	25°12	6°58	8°23	9° 5	22°10	F 17
S 18	15 54 22	29°20'09	27°38	25°49	10°50	0°47	29°40	6°59	4°43	25° 3	25°12	6°52	8°20	9°11	22° 8	S 18
S 19	15 58 19	0♊17'24	10♏13	25°18	12° 4	1°26	29°33	6°58	4°40	25° 5	25°13	6°46	8°17	9°18	22° 7	S 19
M20	16 2 15	1°14'39	22°36	24°48	13°17	2° 6	29°25	6°58	4°38	25° 7	25°13	6°40	8°14	9°25	22° 5	M20
T 21	16 6 12	2°11'53	4♐47	24°21	14°31	2°45	29°17	6°57	4°35	25° 9	25°14	6°35	8°10	9°31	22° 3	T 21
W22	16 10 8	3° 9'07	16°50	23°57	15°44	3°25	29°10	6°56	4°33	25°11	25°14	6°32	8° 7	9°38	22° 1	W22
T 23	16 14 5	4° 6'20	28°44	23°36	16°58	4° 4	29° 2	6°56	4°30	25°12	25°15	6°30	8° 4	9°45	22° 0	T 23
F 24	16 18 2	5° 3'32	10♑34	23°19	18°11	4°43	28°55	6°55	4°28	25°14	25°16	6°D30	8° 1	9°51	21°58	F 24
S 25	16 21 58	6° 0'44	22°21	23° 5	19°25	5°22	28°47	6°54	4°25	25°16	25°16	6°31	7°58	9°58	21°56	S 25
S 26	16 25 55	6°57'56	4♒10	22°56	20°38	6° 1	28°39	6°53	4°23	25°18	25°17	6°33	7°55	10° 5	21°54	S 26
M27	16 29 51	7°55'07	16° 4	22°51	21°52	6°39	28°32	6°52	4°21	25°20	25°18	6°34	7°51	10°11	21°52	M27
T 28	16 33 48	8°52'19	28° 9	22°D50	23° 5	7°18	28°25	6°50	4°18	25°21	25°18	6°36	7°48	10°18	21°50	T 28
W29	16 37 44	9°49'30	10♓29	22°54	24°19	7°57	28°17	6°49	4°16	25°23	25°19	6°R36	7°45	10°24	21°47	W29
T 30	16 41 41	10°46'40	23° 8	23° 3	25°32	8°35	28°10	6°48	4°13	25°25	25°20	6°35	7°42	10°31	21°45	T 30
F 31	16 45 37	11♊43'51	6♈11	23♉16	26♊46	9♓13	28♏ 3	6♒46	4♐11	25♈27	25♌21	6♑34	7♑39	10♑38	21♑43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n52	6s53	4n10	21n56	1n27	17n43	0s 8	16s58	1s56	19s51	0n49	19s29	0s49	21s18	0n 3	7n51	1s49	26n27	14n 7	23s22	23s17	23s34	15s28	6n20
T 2	16 9	1 39	4 43	21 46	1 14	18 5	0 6	16 46	1 58	19 50	0 49	19 29	0 49	21 18	0 3	7 52	1 49	26 27	14 7	23 22	23 17	23 33	15 28	6 21
F 3	16 27	3n48	5 3	21 35	1 1	18 27	0 3	16 35	1 59	19 48	0 49	19 29	0 49	21 17	0 3	7 53	1 50	26 27	14 7	23 23	23 17	23 32	15 28	6 21
S 4	16 43	9 15	5 6	21 21	0 47	18 48	0 1	16 23	2 1	19 47	0 49	19 29	0 50	21 17	0 3	7 53	1 50	26 26	14 6	23 23	23 17	23 31	15 27	6 22
S 5	17 0	14 25	4 52	21 6	0 33	19 9	0n 1	16 11	2 2	19 46	0 49	19 28	0 50	21 16	0 3	7 54	1 50	26 26	14 6	23 23	23 18	23 29	15 27	6 22
M 6	17 16	18 55	4 20	20 50	0 17	19 29	0 4	15 59	2 4	19 44	0 49	19 28	0 50	21 16	0 3	7 55	1 50	26 25	14 6	23 24	23 18	23 28	15 27	6 22
T 7	17 32	22 22	3 30	20 31	0 1	19 48	0 6	15 47	2 5	19 43	0 49	19 28	0 50	21 16	0 3	7 56	1 50	26 25	14 5	23 24	23 18	23 27	15 26	6 23
W 8	17 48	24 21	2 26	20 12	0s15	20 7	0 9	15 35	2 7	19 41	0 49	19 28	0 50	21 15	0 3	7 56	1 50	26 25	14 5	23 25	23 18	23 26	15 26	6 23
T 9	18 4	24 39	1 12	19 51	0 32	20 26	0 11	15 22	2 8	19 40	0 49	19 28	0 50	21 15	0 3	7 57	1 50	26 24	14 4	23 25	23 19	23 24	15 26	6 24
F 10	18 19	23 13	0s 7	19 29	0 49	20 43	0 13	15 10	2 10	19 39	0 49	19 28	0 51	21 14	0 3	7 58	1 50	26 24	14 4	23 25	23 19	23 23	15 25	6 24
S 11	18 34	20 14	1 25	19 7	1 6	21 1	0 16	14 58	2 12	19 37	0 48	19 28	0 51	21 14	0 3	7 59	1 50	26 23	14 4	23 25	23 19	23 22	15 25	6 25
S 12	18 48	16 4	2 36	18 44	1 24	21 18	0 18	14 45	2 13	19 36	0 48	19 28	0 51	21 13	0 3	7 59	1 50	26 23	14 3	23 25	23 19	23 20	15 25	6 25
M13	19 2	11 4	3 37	18 20	1 41	21 34	0 21	14 33	2 15	19 34	0 48	19 29	0 51	21 13	0 3	8 0	1 50	26 23	14 3	23 25	23 19	23 19	15 25	6 26
T 14	19 16	5 38	4 23	17 57	1 57	21 49	0 23	14 20	2 16	19 33	0 48	19 29	0 51	21 13	0 3	8 1	1 50	26 22	14 3	23 25	23 20	23 18	15 24	6 26
W15	19 30	0 2	4 54	17 34	2 14	22 4	0 25	14 8	2 18	19 31	0 48	19 29	0 51	21 12	0 3	8 1	1 50	26 22	14 2	23 25	23 20	23 16	15 24	6 26
T 16	19 43	5s27	5 9	17 11	2 29	22 19	0 28	13 55	2 20	19 30	0 48	19 29	0 52	21 12	0 3	8 2	1 50	26 21	14 2	23 25	23 20	23 15	15 24	6 27
F 17	19 56	10 36	5 7	16 49	2 44	22 32	0 30	13 42	2 21	19 28	0 48	19 29	0 52	21 11	0 3	8 3	1 50	26 21	14 1	23 25	23 20	23 14	15 24	6 27
S 18	20 9	15 13	4 50	16 28	2 58	22 45	0 32	13 30	2 23	19 27	0 48	19 30	0 52	21 11	0 3	8 3	1 50	26 20	14 1	23 25	23 20	23 12	15 24	6 28
S 19	20 21	19 5	4 20	16 8	3 11	22 58	0 35	13 17	2 24	19 25	0 48	19 30	0 52	21 10	0 3	8 4	1 50	26 20	14 1	23 26	23 21	23 11	15 23	6 28
M20	20 33	22 2	3 37	15 49	3 23	23 10	0 37	13 4	2 26	19 24	0 47	19 30	0 52	21 10	0 3	8 5	1 50	26 19	14 0	23 26	23 21	23 10	15 23	6 28
T 21	20 45	23 56	2 45	15 32	3 34	23 21	0 39	12 51	2 28	19 22	0 47	19 30	0 52	21 10	0 3	8 5	1 50	26 19	14 0	23 26	23 21	23 8	15 23	6 29
W22	20 56	24 42	1 46	15 17	3 43	23 31	0 41	12 38	2 29	19 20	0 47	19 31	0 53	21 9	0 3	8 6	1 50	26 18	14 0	23 27	23 21	23 7	15 23	6 29
T 23	21 7	24 18	0 42	15 4	3 51	23 41	0 44	12 25	2 31	19 19	0 47	19 31	0 53	21 9	0 3	8 7	1 50	26 18	13 59	23 27	23 21	23 6	15 23	6 30
F 24	21 17	22 49	0n22	14 54	3 58	23 50	0 46	12 12	2 32	19 17	0 47	19 31	0 53	21 8	0 3	8 7	1 50	26 17	13 59	23 27	23 22	23 4	15 23	6 30
S 25	21 28	20 19	1 26	14 45	4 3	23 59	0 48	11 59	2 34	19 16	0 47	19 32	0 53	21 8	0 3	8 8	1 50	26 16	13 59	23 27	23 22	23 3	15 23	6 30
S 26	21 37	16 59	2 26	14 39	4 7	24 6	0 50	11 46	2 36	19 14	0 47	19 32	0 53	21 7	0 3	8 9	1 50	26 16	13 58	23 26	23 22	23 1	15 23	6 31
M27	21 47	12 56	3 21	14 35	4 10	24 13	0 52	11 33	2 37	19 13	0 46	19 33	0 53	21 7	0 3	8 9	1 50	26 15	13 58	23 26	23 22	23 0	15 23	6 31
T 28	21 56	8 20	4 7	14 33	4 12	24 20	0 54	11 20	2 39	19 11	0 46	19 33	0 54	21 6	0 3	8 10	1 50	26 15	13 57	23 26	23 22	22 59	15 23	6 31
W29	22 5	3 20	4 43	14 34	4 12	24 25	0 56	11 7	2 40	19 10	0 46	19 34	0 54	21 6	0 3	8 10	1 50	26 14	13 57	23 26	23 23	22 57	15 23	6 32
T 30	22 13	1n56	5 6	14 36	4 11	24 30	0 58	10 54	2 42	19 8	0 46	19 34	0 54	21 6	0 3	8 11	1 50	26 13	13 57	23 26	23 23	22 56	15 23	6 32
F 31	22n21	7n17	5n15	14n42	4s 9	24n34	1n 0	10s41	2s44	19s 7	0n46	19s35	0s54	21s 5	0n 3	8n12	1s50	26n13	13n56	23s26	23s23	22s54	15s23	6n33

Julian Day Number = 1986349.5, Delta T = 56m52s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'55, Lahiri = 6°06'56 Julian Calendar 1 May 726 == Greg. Calendar 5 May 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

JUNE 726 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 49 34	12♊41'02	19♈40	23♉34	27♊59	9♓51	27°R55	6°R44	4°R 8	25♈28	25♌22	6°R31	7♎35	10♎44	21°R41	S 1
S 2	16 53 31	13°38'13	3♉37	23°57	29°13	10°29	27♏48	6♒43	4♐ 6	25°30	25°23	6♎28	7°32	10°51	21♎38	S 2
M 3	16 57 27	14°35'23	17°58	24°24	0♋26	11° 7	27°41	6°41	4° 4	25°32	25°23	6°25	7°29	10°58	21°36	M 3
T 4	17 1 24	15°32'34	2♊41	24°56	1°39	11°44	27°34	6°39	4° 1	25°33	25°24	6°23	7°26	11° 4	21°33	T 4
W 5	17 5 20	16°29'45	17°39	25°33	2°53	12°22	27°27	6°37	3°59	25°35	25°25	6°21	7°23	11°11	21°31	W 5
T 6	17 9 17	17°26'55	2♋43	26°14	4° 6	12°59	27°20	6°35	3°56	25°36	25°26	6°D20	7°20	11°18	21°28	T 6
F 7	17 13 13	18°24'05	17°45	27° 0	5°20	13°36	27°14	6°33	3°54	25°38	25°27	6°20	7°16	11°24	21°26	F 7
S 8	17 17 10	19°21'15	2♌36	27°50	6°33	14°13	27° 7	6°31	3°52	25°39	25°28	6°21	7°13	11°31	21°23	S 8
S 9	17 21 6	20°18'25	17°11	28°44	7°46	14°49	27° 0	6°28	3°49	25°41	25°29	6°22	7°10	11°38	21°20	S 9
M10	17 25 3	21°15'34	1♍24	29°43	9° 0	15°26	26°54	6°26	3°47	25°42	25°31	6°23	7° 7	11°44	21°17	M10
T 11	17 29 0	22°12'43	15°16	0♊46	10°13	16° 2	26°48	6°23	3°45	25°44	25°32	6°24	7° 4	11°51	21°15	T 11
W12	17 32 56	23° 9'52	28°45	1°53	11°26	16°38	26°42	6°21	3°43	25°45	25°33	6°R24	7° 0	11°57	21°12	W12
T 13	17 36 53	24° 7'00	11♎53	3° 4	12°40	17°14	26°35	6°18	3°40	25°47	25°34	6°23	6°57	12° 4	21° 9	T 13
F 14	17 40 49	25° 4'08	24°42	4°20	13°53	17°50	26°30	6°15	3°38	25°48	25°35	6°22	6°54	12°11	21° 6	F 14
S 15	17 44 46	26° 1'17	7♏15	5°39	15° 6	18°25	26°24	6°12	3°36	25°49	25°37	6°21	6°51	12°17	21° 3	S 15
S 16	17 48 42	26°58'25	19°35	7° 2	16°20	19° 0	26°18	6°10	3°34	25°51	25°38	6°20	6°48	12°24	21° 0	S 16
M17	17 52 39	27°55'33	1♐43	8°30	17°33	19°35	26°12	6° 7	3°31	25°52	25°39	6°19	6°45	12°31	20°57	M17
T 18	17 56 35	28°52'42	13°43	10° 1	18°46	20°10	26° 7	6° 4	3°29	25°53	25°40	6°18	6°41	12°37	20°54	T 18
W19	18 0 32	29°49'50	25°37	11°35	19°59	20°45	26° 2	6° 0	3°27	25°54	25°42	6°17	6°38	12°44	20°51	W19
T 20	18 4 29	0♋46'59	7♎26	13°14	21°13	21°19	25°57	5°57	3°25	25°55	25°43	6°D17	6°35	12°51	20°48	T 20
F 21	18 8 25	1°44'09	19°14	14°56	22°26	21°53	25°52	5°54	3°23	25°57	25°44	6°17	6°32	12°57	20°45	F 21
S 22	18 12 22	2°41'18	1♒ 3	16°41	23°39	22°27	25°47	5°51	3°21	25°58	25°46	6°18	6°29	13° 4	20°42	S 22
S 23	18 16 18	3°38'28	12°54	18°30	24°52	23° 1	25°42	5°47	3°19	25°59	25°47	6°18	6°26	13°11	20°39	S 23
M24	18 20 15	4°35'39	24°52	20°21	26° 5	23°34	25°38	5°44	3°17	26° 0	25°49	6°18	6°22	13°17	20°35	M24
T 25	18 24 11	5°32'51	7♓ 0	22°16	27°19	24° 7	25°33	5°40	3°15	26° 1	25°50	6°18	6°19	13°24	20°32	T 25
W26	18 28 8	6°30'03	19°21	24°13	28°32	24°40	25°29	5°37	3°13	26° 2	25°52	6°R18	6°16	13°31	20°29	W26
T 27	18 32 5	7°27'16	1♈59	26°12	29°45	25°12	25°25	5°33	3°11	26° 3	25°53	6°D18	6°13	13°37	20°26	T 27
F 28	18 36 1	8°24'29	14°58	28°13	0♌58	25°44	25°21	5°29	3° 9	26° 4	25°55	6°18	6°10	13°44	20°22	F 28
S 29	18 39 58	9°21'44	28°21	0♋16	2°11	26°16	25°17	5°26	3° 8	26° 5	25°56	6°18	6° 6	13°50	20°19	S 29
S 30	18 43 54	10♋19'00	12♉ 9	2♋21	3♌24	26♓48	25♏14	5♒22	3♐ 6	26♈ 6	25♌58	6♎19	6♎ 3	13♎57	20♎16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n28	12n28	5n 7	14n49	4s 6	24n38	1n 2	10s28	2s45	19s 5	0n46	19s35	0s54	21s 5	0n 3	8n12	1s50	26n12	13n56	23s27	23s23	22s53	15s23	6n33
S 2	22 36	17 11	4 40	14 58	4 2	24 40	1 4	10 15	2 47	19 4	0 45	19 36	0 54	21 4	0 3	8 13	1 51	26 12	13 56	23 27	23 23	22 52	15 23	6 33
M 3	22 42	21 5	3 56	15 10	3 57	24 42	1 6	10 2	2 48	19 3	0 45	19 37	0 55	21 4	0 3	8 13	1 51	26 11	13 55	23 27	23 23	22 50	15 23	6 33
T 4	22 49	23 42	2 55	15 23	3 52	24 43	1 8	9 49	2 50	19 1	0 45	19 37	0 55	21 3	0 3	8 14	1 51	26 10	13 55	23 27	23 24	22 49	15 23	6 34
W 5	22 55	24 43	1 41	15 38	3 45	24 44	1 10	9 37	2 52	19 0	0 45	19 38	0 55	21 3	0 3	8 14	1 51	26 10	13 55	23 27	23 24	22 47	15 23	6 34
T 6	23 0	23 55	0 20	15 55	3 37	24 44	1 11	9 24	2 53	18 58	0 45	19 39	0 55	21 2	0 3	8 15	1 51	26 9	13 54	23 27	23 24	22 46	15 23	6 34
F 7	23 6	21 23	1s 3	16 14	3 29	24 43	1 13	9 11	2 55	18 57	0 45	19 39	0 55	21 2	0 3	8 15	1 51	26 8	13 54	23 27	23 24	22 44	15 23	6 35
S 8	23 10	17 26	2 20	16 34	3 20	24 41	1 14	8 58	2 56	18 56	0 44	19 40	0 55	21 2	0 3	8 16	1 51	26 8	13 54	23 27	23 24	22 43	15 23	6 35
S 9	23 15	12 30	3 27	16 55	3 11	24 38	1 16	8 45	2 58	18 54	0 44	19 41	0 55	21 1	0 2	8 16	1 51	26 7	13 53	23 27	23 25	22 42	15 23	6 35
M10	23 19	7 0	4 20	17 17	3 1	24 35	1 18	8 32	3 0	18 53	0 44	19 41	0 56	21 1	0 2	8 17	1 51	26 6	13 53	23 27	23 25	22 40	15 23	6 36
T 11	23 22	1 18	4 56	17 41	2 50	24 31	1 19	8 20	3 1	18 52	0 44	19 42	0 56	21 0	0 2	8 17	1 51	26 6	13 53	23 27	23 25	22 39	15 24	6 36
W12	23 26	4s18	5 14	18 5	2 39	24 27	1 20	8 7	3 3	18 51	0 44	19 43	0 56	21 0	0 2	8 18	1 51	26 5	13 52	23 27	23 25	22 37	15 24	6 36
T 13	23 28	9 33	5 15	18 30	2 28	24 21	1 22	7 54	3 4	18 49	0 43	19 44	0 56	20 59	0 2	8 18	1 51	26 4	13 52	23 27	23 25	22 36	15 24	6 36
F 14	23 31	14 17	5 1	18 56	2 16	24 15	1 23	7 42	3 6	18 48	0 43	19 45	0 56	20 59	0 2	8 19	1 51	26 3	13 52	23 27	23 25	22 34	15 24	6 37
S 15	23 33	18 18	4 32	19 22	2 4	24 8	1 24	7 29	3 8	18 47	0 43	19 46	0 56	20 59	0 2	8 19	1 51	26 3	13 51	23 27	23 26	22 33	15 24	6 37
S 16	23 34	21 27	3 51	19 48	1 52	24 1	1 25	7 17	3 9	18 46	0 43	19 46	0 57	20 58	0 2	8 20	1 51	26 2	13 51	23 27	23 26	22 31	15 25	6 37
M17	23 35	23 35	3 0	20 14	1 39	23 52	1 27	7 4	3 11	18 45	0 43	19 47	0 57	20 58	0 2	8 20	1 51	26 1	13 51	23 27	23 26	22 30	15 25	6 37
T 18	23 36	24 37	2 2	20 41	1 26	23 43	1 28	6 52	3 12	18 44	0 42	19 48	0 57	20 57	0 2	8 20	1 51	26 0	13 51	23 27	23 26	22 28	15 25	6 37
W19	23 36	24 31	0 59	21 7	1 14	23 34	1 29	6 40	3 14	18 43	0 42	19 49	0 57	20 57	0 2	8 21	1 51	26 0	13 50	23 27	23 26	22 27	15 25	6 38
T 20	23 36	23 17	0n 6	21 32	1 1	23 24	1 30	6 27	3 16	18 42	0 42	19 50	0 57	20 57	0 2	8 21	1 51	25 59	13 50	23 27	23 26	22 25	15 26	6 38
F 21	23 36	21 2	1 11	21 57	0 48	23 13	1 30	6 15	3 17	18 41	0 42	19 51	0 57	20 56	0 2	8 22	1 52	25 58	13 50	23 27	23 26	22 24	15 26	6 38
S 22	23 35	17 54	2 13	22 21	0 35	23 1	1 31	6 3	3 19	18 40	0 42	19 52	0 57	20 56	0 2	8 22	1 52	25 57	13 49	23 27	23 27	22 22	15 26	6 38
S 23	23 33	14 1	3 10	22 43	0 23	22 48	1 32	5 51	3 20	18 39	0 41	19 53	0 58	20 55	0 2	8 22	1 52	25 57	13 49	23 27	23 27	22 21	15 26	6 38
M24	23 31	9 35	3 59	23 4	0 11	22 35	1 33	5 39	3 22	18 38	0 41	19 54	0 58	20 55	0 2	8 23	1 52	25 56	13 49	23 27	23 27	22 19	15 27	6 39
T 25	23 29	4 43	4 37	23 24	0n 1	22 22	1 33	5 28	3 23	18 37	0 41	19 55	0 58	20 55	0 2	8 23	1 52	25 55	13 49	23 27	23 27	22 18	15 27	6 39
W26	23 27	0n25	5 4	23 41	0 13	22 8	1 34	5 16	3 25	18 36	0 41	19 56	0 58	20 54	0 2	8 23	1 52	25 54	13 48	23 27	23 27	22 16	15 27	6 39
T 27	23 24	5 38	5 17	23 56	0 24	21 53	1 34	5 4	3 27	18 36	0 41	19 57	0 58	20 54	0 2	8 24	1 52	25 54	13 48	23 27	23 27	22 14	15 28	6 39
F 28	23 20	10 45	5 14	24 10	0 34	21 37	1 35	4 53	3 28	18 35	0 40	19 58	0 58	20 54	0 2	8 24	1 52	25 53	13 48	23 27	23 28	22 13	15 28	6 39
S 29	23 16	15 32	4 55	24 20	0 44	21 21	1 35	4 42	3 30	18 34	0 40	19 59	0 58	20 53	0 2	8 24	1 52	25 52	13 48	23 27	23 28	22 11	15 28	6 39
S 30	23n12	19n40	4n18	24n28	0n53	21n 4	1n35	4s30	3s31	18s33	0n40	20s 0	0s58	20s53	0n 2	8n24	1s52	25n51	13n47	23s27	23s28	22s10	15s29	6n39

Julian Day Number = 1986380.5, Delta T = 56m51s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 6°59'59, Lahiri = 6°07'00 Julian Calendar 1 June 726 == Greg. Calendar 5 June 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

JULY 726 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 47 51	11♋16'16	26♉24	4♋26	4♌37	27♓19	25°R10	5°R18	3°R 4	26♈ 7	26♌ 0	6♑19	6♑ 0	14♑ 4	20°R12	M 1
T 2	18 51 47	12°13'34	11♊ 2	6°33	5°50	27°50	25♏ 7	5♒14	3♐ 2	26° 8	26° 1	6°20	5°57	14°10	20♑ 9	T 2
W 3	18 55 44	13°10'52	25°59	8°40	7° 4	28°21	25° 4	5°10	3° 1	26° 8	26° 3	6°20	5°54	14°17	20° 6	W 3
T 4	18 59 40	14° 8'12	11♋ 8	10°47	8°17	28°51	25° 1	5° 6	2°59	26° 9	26° 4	6°R20	5°51	14°24	20° 2	T 4
F 5	19 3 37	15° 5'32	26°19	12°53	9°30	29°21	24°58	5° 2	2°57	26°10	26° 6	6°20	5°47	14°30	19°59	F 5
S 6	19 7 34	16° 2'53	11♌23	15° 0	10°43	29°50	24°56	4°58	2°56	26°11	26° 8	6°19	5°44	14°37	19°56	S 6
S 7	19 11 30	17° 0'14	26°12	17° 6	11°56	0♈19	24°54	4°54	2°54	26°11	26°10	6°18	5°41	14°44	19°52	S 7
M 8	19 15 27	17°57'36	10♍39	19°11	13° 9	0°48	24°51	4°50	2°53	26°12	26°11	6°17	5°38	14°50	19°49	M 8
T 9	19 19 23	18°54'59	24°40	21°15	14°22	1°17	24°49	4°45	2°51	26°13	26°13	6°15	5°35	14°57	19°46	T 9
W10	19 23 20	19°52'22	8♎15	23°18	15°35	1°45	24°48	4°41	2°50	26°13	26°15	6°14	5°32	15° 4	19°42	W10
T 11	19 27 16	20°49'46	21°23	25°20	16°48	2°12	24°46	4°37	2°48	26°14	26°17	6°D14	5°28	15°10	19°39	T 11
F 12	19 31 13	21°47'11	4♏ 9	27°20	18° 0	2°39	24°45	4°33	2°47	26°14	26°18	6°15	5°25	15°17	19°35	F 12
S 13	19 35 9	22°44'37	16°36	29°19	19°13	3° 6	24°43	4°28	2°46	26°15	26°20	6°15	5°22	15°24	19°32	S 13
S 14	19 39 6	23°42'03	28°47	1♌17	20°26	3°32	24°42	4°24	2°45	26°15	26°22	6°17	5°19	15°30	19°29	S 14
M15	19 43 3	24°39'30	10♐47	3°13	21°39	3°58	24°41	4°20	2°43	26°16	26°24	6°18	5°16	15°37	19°25	M15
T 16	19 46 59	25°36'59	22°40	5° 8	22°52	4°24	24°41	4°15	2°42	26°16	26°26	6°19	5°12	15°43	19°22	T 16
W17	19 50 56	26°34'28	4♑28	7° 2	24° 5	4°49	24°40	4°11	2°41	26°16	26°28	6°R20	5° 9	15°50	19°19	W17
T 18	19 54 52	27°31'58	16°16	8°53	25°18	5°13	24°40	4° 6	2°40	26°17	26°30	6°20	5° 6	15°57	19°15	T 18
F 19	19 58 49	28°29'30	28° 5	10°44	26°30	5°37	24°D40	4° 2	2°39	26°17	26°32	6°18	5° 3	16° 3	19°12	F 19
S 20	20 2 45	29°27'02	9♒58	12°32	27°43	6° 1	24°40	3°57	2°38	26°17	26°33	6°16	5° 0	16°10	19° 9	S 20
S 21	20 6 42	0♌24'36	21°56	14°20	28°56	6°24	24°40	3°53	2°37	26°17	26°35	6°12	4°57	16°17	19° 5	S 21
M22	20 10 38	1°22'12	4♓ 2	16° 5	0♍ 8	6°46	24°40	3°48	2°36	26°18	26°37	6° 8	4°53	16°23	19° 2	M22
T 23	20 14 35	2°19'48	16°18	17°50	1°21	7° 8	24°41	3°44	2°35	26°18	26°39	6° 4	4°50	16°30	18°59	T 23
W24	20 18 32	3°17'27	28°46	19°32	2°34	7°30	24°42	3°39	2°35	26°18	26°41	6° 0	4°47	16°37	18°56	W24
T 25	20 22 28	4°15'06	11♈28	21°14	3°46	7°51	24°43	3°35	2°34	26°18	26°43	5°57	4°44	16°43	18°52	T 25
F 26	20 26 25	5°12'48	24°27	22°53	4°59	8°11	24°44	3°30	2°33	26°18	26°45	5°56	4°41	16°50	18°49	F 26
S 27	20 30 21	6°10'31	7♉45	24°32	6°11	8°31	24°45	3°26	2°32	26°R18	26°47	5°D55	4°38	16°57	18°46	S 27
S 28	20 34 18	7° 8'16	21°25	26° 9	7°24	8°50	24°47	3°21	2°32	26°18	26°49	5°56	4°34	17° 3	18°43	S 28
M29	20 38 14	8° 6'03	5♊27	27°44	8°37	9° 9	24°49	3°17	2°31	26°18	26°51	5°57	4°31	17°10	18°40	M29
T 30	20 42 11	9° 3'51	19°51	29°19	9°49	9°27	24°50	3°12	2°31	26°18	26°53	5°59	4°28	17°17	18°37	T 30
W31	20 46 7	10♌ 1'42	4♋35	0♍51	11♍ 1	9♈44	24♏52	3♒ 8	2♐30	26♈18	26♌55	5°R59	4♑25	17♑23	18♑34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 7	22n47	3n24	24n34	1n 2	20n47	1n35	4s19	3s33	18s33	0n40	20s 1	0s59	20s53	0n 2	8n25	1s52	25n50	13n47	23s27	23s28	22s 8	15s29	6n39
T 2	23 2	24 30	2 16	24 36	1 10	20 29	1 35	4 8	3 34	18 32	0 39	20 2	0 59	20 52	0 2	8 25	1 52	25 50	13 47	23 27	23 28	22 7	15 30	6 40
W 3	22 57	24 30	0 57	24 36	1 17	20 10	1 35	3 57	3 36	18 32	0 39	20 3	0 59	20 52	0 2	8 25	1 52	25 49	13 47	23 27	23 28	22 5	15 30	6 40
T 4	22 51	22 42	0s27	24 33	1 23	19 51	1 35	3 47	3 37	18 31	0 39	20 5	0 59	20 52	0 2	8 25	1 52	25 48	13 47	23 27	23 28	22 3	15 30	6 40
F 5	22 45	19 15	1 49	24 27	1 29	19 32	1 35	3 36	3 39	18 31	0 39	20 6	0 59	20 51	0 2	8 26	1 52	25 47	13 46	23 27	23 29	22 2	15 31	6 40
S 6	22 38	14 33	3 3	24 19	1 34	19 12	1 35	3 26	3 40	18 30	0 39	20 7	0 59	20 51	0 2	8 26	1 52	25 46	13 46	23 27	23 29	22 0	15 31	6 40
S 7	22 31	9 4	4 3	24 7	1 38	18 51	1 35	3 15	3 42	18 30	0 38	20 8	0 59	20 51	0 2	8 26	1 52	25 46	13 46	23 27	23 29	21 59	15 32	6 40
M 8	22 23	3 13	4 46	23 54	1 41	18 30	1 35	3 5	3 43	18 30	0 38	20 9	0 59	20 51	0 2	8 26	1 53	25 45	13 46	23 27	23 29	21 57	15 32	6 40
T 9	22 16	2s37	5 11	23 38	1 44	18 8	1 34	2 55	3 45	18 30	0 38	20 10	1 0	20 50	0 2	8 26	1 53	25 44	13 45	23 27	23 29	21 55	15 32	6 40
W10	22 7	8 8	5 17	23 19	1 46	17 46	1 34	2 45	3 46	18 29	0 38	20 11	1 0	20 50	0 2	8 26	1 53	25 43	13 45	23 27	23 29	21 54	15 33	6 40
T 11	21 59	13 7	5 6	22 58	1 47	17 23	1 33	2 36	3 48	18 29	0 37	20 12	1 0	20 50	0 2	8 27	1 53	25 42	13 45	23 27	23 29	21 52	15 33	6 40
F 12	21 50	17 23	4 40	22 36	1 48	17 0	1 32	2 26	3 49	18 29	0 37	20 14	1 0	20 50	0 2	8 27	1 53	25 42	13 45	23 27	23 30	21 51	15 34	6 40
S 13	21 40	20 46	4 2	22 11	1 48	16 37	1 32	2 17	3 51	18 29	0 37	20 15	1 0	20 49	0 2	8 27	1 53	25 41	13 45	23 27	23 30	21 49	15 34	6 40
S 14	21 31	23 10	3 13	21 45	1 47	16 13	1 31	2 8	3 52	18 29	0 37	20 16	1 0	20 49	0 2	8 27	1 53	25 40	13 45	23 27	23 30	21 47	15 35	6 40
M15	21 20	24 28	2 17	21 17	1 45	15 48	1 30	1 59	3 53	18 29	0 37	20 17	1 0	20 49	0 2	8 27	1 53	25 39	13 44	23 27	23 30	21 46	15 35	6 40
T 16	21 10	24 39	1 15	20 47	1 44	15 23	1 29	1 50	3 55	18 29	0 36	20 18	1 0	20 49	0 2	8 27	1 53	25 38	13 44	23 27	23 30	21 44	15 36	6 40
W17	20 59	23 42	0 10	20 16	1 41	14 58	1 28	1 41	3 56	18 29	0 36	20 19	1 0	20 48	0 2	8 27	1 53	25 37	13 44	23 27	23 30	21 42	15 36	6 40
T 18	20 48	21 42	0n55	19 44	1 38	14 33	1 27	1 32	3 57	18 29	0 36	20 21	1 1	20 48	0 2	8 27	1 53	25 37	13 44	23 27	23 30	21 41	15 37	6 40
F 19	20 36	18 47	1 57	19 11	1 35	14 7	1 26	1 24	3 59	18 29	0 36	20 22	1 1	20 48	0 2	8 27	1 53	25 36	13 44	23 27	23 30	21 39	15 37	6 40
S 20	20 24	15 4	2 55	18 37	1 31	13 40	1 25	1 16	4 0	18 30	0 35	20 23	1 1	20 48	0 2	8 27	1 53	25 35	13 44	23 27	23 31	21 38	15 38	6 40
S 21	20 12	10 44	3 45	18 1	1 26	13 14	1 23	1 8	4 1	18 30	0 35	20 24	1 1	20 48	0 2	8 27	1 53	25 34	13 44	23 27	23 31	21 36	15 38	6 40
M22	20 0	5 58	4 26	17 25	1 22	12 47	1 22	1 0	4 3	18 30	0 35	20 25	1 1	20 47	0 2	8 27	1 53	25 33	13 43	23 28	23 31	21 34	15 39	6 39
T 23	19 47	0 54	4 55	16 49	1 17	12 19	1 21	0 53	4 4	18 31	0 35	20 26	1 1	20 47	0 2	8 27	1 54	25 33	13 43	23 28	23 31	21 33	15 39	6 39
W24	19 33	4n15	5 11	16 11	1 11	11 52	1 19	0 45	4 5	18 31	0 35	20 28	1 1	20 47	0 2	8 27	1 54	25 32	13 43	23 28	23 31	21 31	15 40	6 39
T 25	19 20	9 21	5 12	15 33	1 5	11 24	1 17	0 38	4 7	18 31	0 34	20 29	1 1	20 47	0 2	8 27	1 54	25 31	13 43	23 28	23 31	21 29	15 40	6 39
F 26	19 6	14 9	4 57	14 55	0 59	10 55	1 16	0 31	4 8	18 32	0 34	20 30	1 1	20 47	0 2	8 27	1 54	25 30	13 43	23 28	23 31	21 27	15 41	6 39
S 27	18 51	18 23	4 27	14 16	0 53	10 27	1 14	0 25	4 9	18 32	0 34	20 31	1 1	20 47	0 2	8 27	1 54	25 29	13 43	23 28	23 31	21 26	15 42	6 39
S 28	18 37	21 47	3 40	13 36	0 46	9 58	1 12	0 18	4 10	18 33	0 34	20 32	1 1	20 47	0 2	8 27	1 54	25 29	13 43	23 28	23 31	21 24	15 42	6 39
M29	18 22	23 58	2 39	12 57	0 39	9 29	1 10	0 12	4 11	18 34	0 33	20 33	1 2	20 47	0 2	8 27	1 54	25 28	13 43	23 28	23 32	21 22	15 43	6 39
T 30	18 7	24 40	1 27	12 17	0 32	9 0	1 8	0 6	4 12	18 34	0 33	20 34	1 2	20 46	0 2	8 27	1 54	25 27	13 43	23 28	23 32	21 21	15 43	6 38
W31	17n51	23n39	0n 8	11n37	0n24	8n30	1n 6	0s 0	4s14	18s35	0n33	20s35	1s 2	20s46	0n 2	8n27	1s54	25n26	13n43	23s28	23s32	21s19	15s44	6n38

Julian Day Number = 1986410.5, Delta T = 56m50s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'04, Lahiri = 6°07'04 Julian Calendar 1 July 726 == Greg. Calendar 5 July 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

AUGUST 726 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 50 4	10♌59'34	19♋33	2♍23	12♍14	10♈ 0	24♏55	3°R 4	2°R30	26°R18	26♌57	5°R59	4♉22	17♉30	18°R31	T 1
F 2	20 54 1	11°57'27	4♌38	3°52	13°26	10°16	24°57	2♒59	2♐30	26♈18	27° 0	5♉56	4°18	17°37	18♉28	F 2
S 3	20 57 57	12°55'23	19°42	5°21	14°39	10°32	25° 0	2°55	2°29	26°17	27° 2	5°52	4°15	17°43	18°25	S 3
S 4	21 1 54	13°53'20	4♍35	6°48	15°51	10°46	25° 3	2°50	2°29	26°17	27° 4	5°47	4°12	17°50	18°22	S 4
M 5	21 5 50	14°51'18	19° 9	8°14	17° 3	11° 0	25° 6	2°46	2°29	26°17	27° 6	5°41	4° 9	17°56	18°19	M 5
T 6	21 9 47	15°49'17	3♎18	9°38	18°16	11°13	25° 9	2°42	2°29	26°17	27° 8	5°36	4° 6	18° 3	18°16	T 6
W 7	21 13 43	16°47'19	16°59	11° 0	19°28	11°25	25°12	2°37	2°29	26°16	27°10	5°31	4° 3	18°10	18°13	W 7
T 8	21 17 40	17°45'21	0♏12	12°21	20°40	11°37	25°16	2°33	2°28	26°16	27°12	5°28	3°59	18°16	18°11	T 8
F 9	21 21 36	18°43'25	13° 0	13°41	21°53	11°48	25°19	2°29	2°D28	26°15	27°14	5°26	3°56	18°23	18° 8	F 9
S 10	21 25 33	19°41'31	25°25	14°58	23° 5	11°58	25°23	2°25	2°28	26°15	27°16	5°D26	3°53	18°30	18° 5	S 10
S 11	21 29 30	20°39'38	7♐34	16°14	24°17	12° 7	25°27	2°20	2°29	26°15	27°18	5°27	3°50	18°36	18° 3	S 11
M12	21 33 26	21°37'47	19°31	17°29	25°29	12°16	25°31	2°16	2°29	26°14	27°21	5°28	3°47	18°43	18° 0	M12
T 13	21 37 23	22°35'57	1♑20	18°41	26°41	12°24	25°36	2°12	2°29	26°14	27°23	5°R29	3°44	18°50	17°57	T 13
W14	21 41 19	23°34'09	13° 7	19°52	27°53	12°31	25°40	2° 8	2°29	26°13	27°25	5°29	3°40	18°56	17°55	W14
T 15	21 45 16	24°32'22	24°56	21° 1	29° 5	12°37	25°45	2° 4	2°30	26°12	27°27	5°27	3°37	19° 3	17°52	T 15
F 16	21 49 12	25°30'37	6♒49	22° 7	0♎17	12°42	25°50	2° 0	2°30	26°12	27°29	5°23	3°34	19°10	17°50	F 16
S 17	21 53 9	26°28'54	18°50	23°12	1°29	12°47	25°55	1°56	2°30	26°11	27°31	5°16	3°31	19°16	17°48	S 17
S 18	21 57 5	27°27'12	0♓59	24°14	2°41	12°51	26° 0	1°52	2°31	26°11	27°33	5° 8	3°28	19°23	17°45	S 18
M19	22 1 2	28°25'33	13°19	25°13	3°53	12°53	26° 5	1°49	2°31	26°10	27°35	4°58	3°24	19°30	17°43	M19
T 20	22 4 59	29°23'55	25°50	26°10	5° 4	12°55	26°11	1°45	2°32	26° 9	27°38	4°48	3°21	19°36	17°41	T 20
W21	22 8 55	0♍22'20	8♈32	27° 4	6°16	12°56	26°16	1°41	2°32	26° 8	27°40	4°39	3°18	19°43	17°39	W21
T 22	22 12 52	1°20'47	21°26	27°55	7°28	12°R57	26°22	1°38	2°33	26° 8	27°42	4°31	3°15	19°50	17°37	T 22
F 23	22 16 48	2°19'15	4♉33	28°43	8°39	12°56	26°28	1°34	2°34	26° 7	27°44	4°26	3°12	19°56	17°35	F 23
S 24	22 20 45	3°17'46	17°54	29°28	9°51	12°54	26°34	1°31	2°35	26° 6	27°46	4°22	3° 9	20° 3	17°33	S 24
S 25	22 24 41	4°16'20	1♊31	0♎ 8	11° 3	12°52	26°41	1°27	2°35	26° 5	27°48	4°D21	3° 5	20° 9	17°31	S 25
M26	22 28 38	5°14'56	15°23	0°45	12°14	12°48	26°47	1°24	2°36	26° 4	27°50	4°22	3° 2	20°16	17°29	M26
T 27	22 32 34	6°13'34	29°32	1°18	13°26	12°44	26°54	1°21	2°37	26° 3	27°52	4°R22	2°59	20°23	17°27	T 27
W28	22 36 31	7°12'14	13♋56	1°45	14°37	12°39	27° 0	1°17	2°38	26° 2	27°55	4°22	2°56	20°29	17°26	W28
T 29	22 40 28	8°10'57	28°34	2° 8	15°49	12°33	27° 7	1°14	2°39	26° 1	27°57	4°20	2°53	20°36	17°24	T 29
F 30	22 44 24	9° 9'41	13♌21	2°26	17° 0	12°26	27°14	1°11	2°40	26° 0	27°59	4°15	2°50	20°43	17°22	F 30
S 31	22 48 21	10♍ 8'28	28♌ 9	2♎37	18♎11	12♈18	27♏21	1♒ 8	2♐41	25♈59	28♌ 1	4♉ 8	2♉46	20♉49	17♉21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n35	20n57	1s13	10n57	0n16	8n 0	1n 4	0n 5	4s15	18s36	0n33	20s37	1s 2	20s46	0n 2	8n27	1s54	25n25	13n43	23s28	23s32	21s17	15s44	6n38
F 2	17 19	16 48	2 30	10 17	0 9	7 30	1 2	0 11	4 16	18 37	0 33	20 38	1 2	20 46	0 2	8 27	1 54	25 25	13 43	23 28	23 32	21 16	15 45	6 38
S 3	17 3	11 36	3 36	9 37	0 0	7 0	1 0	0 16	4 17	18 37	0 32	20 39	1 2	20 46	0 2	8 27	1 54	25 24	13 43	23 28	23 32	21 14	15 46	6 38
S 4	16 46	5 46	4 26	8 57	0s 8	6 30	0 58	0 21	4 18	18 38	0 32	20 40	1 2	20 46	0 2	8 26	1 54	25 23	13 43	23 29	23 32	21 12	15 46	6 38
M 5	16 29	0s14	4 58	8 18	0 16	6 0	0 55	0 25	4 19	18 39	0 32	20 41	1 2	20 46	0 2	8 26	1 54	25 22	13 42	23 29	23 32	21 10	15 47	6 37
T 6	16 12	6 3	5 10	7 38	0 25	5 29	0 53	0 29	4 20	18 40	0 32	20 42	1 2	20 46	0 2	8 26	1 54	25 21	13 42	23 29	23 32	21 9	15 47	6 37
W 7	15 55	11 23	5 4	6 59	0 33	4 58	0 50	0 33	4 20	18 41	0 31	20 43	1 2	20 46	0 2	8 26	1 54	25 21	13 42	23 29	23 33	21 7	15 48	6 37
T 8	15 37	16 1	4 42	6 20	0 42	4 27	0 48	0 37	4 21	18 42	0 31	20 44	1 2	20 46	0 2	8 26	1 55	25 20	13 42	23 29	23 33	21 5	15 48	6 37
F 9	15 19	19 45	4 7	5 41	0 51	3 56	0 45	0 41	4 22	18 43	0 31	20 45	1 2	20 46	0 2	8 25	1 55	25 19	13 42	23 29	23 33	21 3	15 49	6 36
S 10	15 1	22 29	3 20	5 3	1 0	3 25	0 43	0 44	4 23	18 44	0 31	20 46	1 2	20 46	0 2	8 25	1 55	25 18	13 42	23 29	23 33	21 2	15 50	6 36
S 11	14 42	24 7	2 26	4 25	1 9	2 54	0 40	0 47	4 23	18 46	0 31	20 47	1 2	20 46	0 2	8 25	1 55	25 18	13 42	23 29	23 33	21 0	15 50	6 36
M12	14 24	24 36	1 26	3 47	1 18	2 22	0 37	0 50	4 24	18 47	0 30	20 48	1 2	20 46	0 2	8 25	1 55	25 17	13 42	23 29	23 33	20 58	15 51	6 36
T 13	14 5	23 58	0 22	3 11	1 27	1 51	0 34	0 52	4 25	18 48	0 30	20 49	1 2	20 46	0 2	8 25	1 55	25 16	13 42	23 29	23 33	20 56	15 51	6 35
W14	13 45	22 16	0n41	2 35	1 36	1 20	0 31	0 55	4 25	18 49	0 30	20 50	1 2	20 46	0 2	8 24	1 55	25 15	13 43	23 29	23 33	20 55	15 52	6 35
T 15	13 26	19 36	1 43	1 59	1 45	0 48	0 28	0 56	4 26	18 51	0 30	20 51	1 2	20 46	0 2	8 24	1 55	25 15	13 43	23 29	23 33	20 53	15 53	6 35
F 16	13 6	16 6	2 41	1 25	1 54	0 17	0 25	0 58	4 26	18 52	0 30	20 52	1 3	20 47	0 2	8 24	1 55	25 14	13 43	23 30	23 33	20 51	15 53	6 35
S 17	12 46	11 56	3 32	0 51	2 3	0s15	0 22	1 0	4 27	18 53	0 29	20 53	1 3	20 47	0 2	8 23	1 55	25 13	13 43	23 30	23 33	20 49	15 54	6 34
S 18	12 26	7 15	4 14	0 18	2 11	0 47	0 19	1 1	4 27	18 55	0 29	20 54	1 3	20 47	0 2	8 23	1 55	25 12	13 43	23 30	23 34	20 48	15 54	6 34
M19	12 6	2 14	4 44	0s14	2 20	1 18	0 16	1 2	4 27	18 56	0 29	20 55	1 3	20 47	0 2	8 23	1 55	25 12	13 43	23 31	23 34	20 46	15 55	6 34
T 20	11 46	2n56	5 2	0 44	2 29	1 50	0 13	1 2	4 27	18 58	0 29	20 55	1 3	20 47	0 2	8 23	1 55	25 11	13 43	23 31	23 34	20 44	15 56	6 33
W21	11 25	8 4	5 5	1 14	2 37	2 21	0 10	1 3	4 27	18 59	0 29	20 56	1 3	20 47	0 2	8 22	1 55	25 10	13 43	23 31	23 34	20 42	15 56	6 33
T 22	11 4	12 55	4 52	1 42	2 46	2 53	0 7	1 3	4 27	19 1	0 28	20 57	1 3	20 47	0 2	8 22	1 55	25 10	13 43	23 32	23 34	20 40	15 57	6 33
F 23	10 43	17 16	4 25	2 8	2 54	3 24	0 3	1 2	4 27	19 2	0 28	20 58	1 3	20 47	0 2	8 22	1 55	25 9	13 43	23 32	23 34	20 39	15 57	6 32
S 24	10 22	20 50	3 42	2 33	3 1	3 56	0s 0	1 2	4 27	19 4	0 28	20 59	1 3	20 48	0 2	8 21	1 55	25 8	13 43	23 32	23 34	20 37	15 58	6 32
S 25	10 1	23 19	2 46	2 56	3 9	4 27	0 3	1 1	4 27	19 6	0 28	21 0	1 3	20 48	0 2	8 21	1 56	25 8	13 43	23 32	23 34	20 35	15 58	6 32
M26	9 39	24 27	1 40	3 18	3 16	4 58	0 7	1 0	4 27	19 7	0 28	21 0	1 3	20 48	0 2	8 20	1 56	25 7	13 43	23 32	23 34	20 33	15 59	6 31
T 27	9 17	24 2	0 26	3 37	3 23	5 30	0 10	0 59	4 26	19 9	0 27	21 1	1 3	20 48	0 2	8 20	1 56	25 6	13 44	23 32	23 34	20 31	16 0	6 31
W28	8 55	22 1	0s51	3 54	3 29	6 1	0 14	0 57	4 26	19 11	0 27	21 2	1 3	20 48	0 2	8 20	1 56	25 6	13 44	23 32	23 34	20 29	16 0	6 31
T 29	8 33	18 33	2 5	4 8	3 34	6 32	0 17	0 55	4 25	19 13	0 27	21 3	1 3	20 48	0 2	8 19	1 56	25 5	13 44	23 32	23 34	20 28	16 1	6 30
F 30	8 11	13 52	3 12	4 19	3 39	7 2	0 21	0 53	4 25	19 14	0 27	21 3	1 3	20 49	0 2	8 19	1 56	25 4	13 44	23 32	23 34	20 26	16 1	6 30
S 31	7n49	8n21	4s 6	4s28	3s43	7s33	0s24	0n51	4s24	19s16	0n27	21s 4	1s 3	20s49	0n 2	8n18	1s56	25n 4	13n44	23s32	23s34	20s24	16s 2	6n30

Julian Day Number = 1986441.5, Delta T = 56m49s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'08, Lahiri = 6°07'08 Julian Calendar 1 Aug. 726 == Greg. Calendar 5 Aug. 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

SEPTEMBER 726 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 52 17	11♍ 7'17	12♍51	2°R43	19♎23	12°R10	27♏29	1°R 5	2♐43	25°R58	28♑ 3	3°R58	2♉43	20♉56	17°R19	S 1
M 2	22 56 14	12° 6'08	27°19	2♎42	20°34	12♈ 0	27°36	1♒ 2	2°44	25♈57	28° 5	3♉48	2°40	21° 3	17♉18	M 2
T 3	23 0 10	13° 5'01	11♎26	2°34	21°45	11°50	27°44	1° 0	2°45	25°56	28° 7	3°37	2°37	21° 9	17°16	T 3
W 4	23 4 7	14° 3'56	25° 8	2°19	22°56	11°39	27°51	0°57	2°46	25°55	28° 9	3°28	2°34	21°16	17°15	W 4
T 5	23 8 3	15° 2'53	8♏23	1°57	24° 7	11°27	27°59	0°54	2°48	25°53	28°11	3°20	2°30	21°23	17°14	T 5
F 6	23 12 0	16° 1'52	21°13	1°27	25°18	11°14	28° 7	0°52	2°49	25°52	28°13	3°15	2°27	21°29	17°13	F 6
S 7	23 15 56	17° 0'53	3♐41	0°50	26°29	11° 1	28°15	0°49	2°51	25°51	28°15	3°13	2°24	21°36	17°12	S 7
S 8	23 19 53	17°59'55	15°50	0° 5	27°40	10°47	28°24	0°47	2°52	25°50	28°17	3°D12	2°21	21°43	17°11	S 8
M 9	23 23 50	18°58'59	27°47	29♍14	28°51	10°32	28°32	0°45	2°54	25°49	28°19	3°R12	2°18	21°49	17°10	M 9
T 10	23 27 46	19°58'06	9♑36	28°16	0♏ 2	10°17	28°41	0°43	2°55	25°47	28°21	3°12	2°15	21°56	17° 9	T 10
W11	23 31 43	20°57'14	21°24	27°13	1°12	10° 1	28°49	0°41	2°57	25°46	28°23	3°11	2°11	22° 3	17° 8	W11
T 12	23 35 39	21°56'23	3♒15	26° 6	2°23	9°44	28°58	0°39	2°59	25°45	28°25	3° 7	2° 8	22° 9	17° 7	T 12
F 13	23 39 36	22°55'35	15°13	24°57	3°34	9°27	29° 7	0°37	3° 0	25°43	28°27	3° 1	2° 5	22°16	17° 7	F 13
S 14	23 43 32	23°54'49	27°22	23°46	4°44	9°10	29°16	0°35	3° 2	25°42	28°29	2°52	2° 2	22°23	17° 6	S 14
S 15	23 47 29	24°54'04	9♓43	22°37	5°55	8°52	29°25	0°33	3° 4	25°41	28°31	2°41	1°59	22°29	17° 5	S 15
M16	23 51 25	25°53'22	22°19	21°31	7° 5	8°33	29°34	0°32	3° 6	25°39	28°33	2°28	1°55	22°36	17° 5	M16
T 17	23 55 22	26°52'42	5♈ 8	20°30	8°15	8°15	29°43	0°30	3° 8	25°38	28°35	2°14	1°52	22°42	17° 5	T 17
W18	23 59 19	27°52'04	18°11	19°36	9°26	7°56	29°53	0°29	3°10	25°36	28°37	2° 1	1°49	22°49	17° 4	W18
T 19	0 3 15	28°51'28	1♉26	18°50	10°36	7°36	0♐ 3	0°27	3°12	25°35	28°39	1°51	1°46	22°56	17° 4	T 19
F 20	0 7 12	29°50'54	14°51	18°13	11°46	7°17	0°12	0°26	3°14	25°33	28°41	1°42	1°43	23° 2	17° 4	F 20
S 21	0 11 8	0♎50'23	28°27	17°47	12°56	6°57	0°22	0°25	3°16	25°32	28°43	1°37	1°40	23° 9	17° 4	S 21
S 22	0 15 5	1°49'54	12♊10	17°31	14° 6	6°37	0°32	0°24	3°18	25°30	28°45	1°35	1°36	23°16	17°D 4	S 22
M23	0 19 1	2°49'28	26° 3	17°D27	15°16	6°17	0°42	0°23	3°20	25°29	28°47	1°34	1°33	23°22	17° 4	M23
T 24	0 22 58	3°49'03	10♋ 5	17°33	16°25	5°57	0°52	0°22	3°23	25°27	28°48	1°34	1°30	23°29	17° 4	T 24
W25	0 26 54	4°48'42	24°14	17°50	17°35	5°38	1° 2	0°21	3°25	25°26	28°50	1°33	1°27	23°36	17° 4	W25
T 26	0 30 51	5°48'23	8♌32	18°18	18°45	5°18	1°13	0°21	3°27	25°24	28°52	1°30	1°24	23°42	17° 4	T 26
F 27	0 34 48	6°48'05	22°54	18°54	19°54	4°58	1°23	0°20	3°30	25°23	28°54	1°25	1°21	23°49	17° 5	F 27
S 28	0 38 44	7°47'51	7♍16	19°40	21° 4	4°38	1°34	0°20	3°32	25°21	28°56	1°16	1°17	23°56	17° 5	S 28
S 29	0 42 41	8°47'38	21°35	20°33	22°13	4°19	1°44	0°20	3°34	25°19	28°57	1° 6	1°14	24° 2	17° 5	S 29
M30	0 46 37	9♎47'28	5♎43	21♍34	23♏22	4♈ 0	1♐55	0♒19	3♐37	25♈18	28♑59	0♉53	1♉11	24♉ 9	17♉ 6	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n27	2n26	4s43	4s33	3s47	8s 4	0s28	0n48	4s23	19s18	0n27	21s 5	1s 3	20s49	0n 2	8n18	1s56	25n 3	13n44	23s33	23s35	20s22	16s 2	6n29
M 2	7 4	3s31	5 1	4 35	3 49	8 34	0 31	0 45	4 22	19 20	0 26	21 5	1 3	20 49	0 2	8 18	1 56	25 2	13 44	23 33	23 35	20 20	16 3	6 29
T 3	6 41	9 9	5 0	4 33	3 50	9 4	0 35	0 42	4 21	19 22	0 26	21 6	1 3	20 50	0 2	8 17	1 56	25 2	13 45	23 33	23 35	20 18	16 3	6 28
W 4	6 19	14 9	4 42	4 27	3 50	9 34	0 39	0 39	4 20	19 24	0 26	21 6	1 3	20 50	0 2	8 17	1 56	25 1	13 45	23 34	23 35	20 17	16 4	6 28
T 5	5 56	18 19	4 8	4 16	3 49	10 4	0 42	0 36	4 19	19 26	0 26	21 7	1 3	20 50	0 2	8 16	1 56	25 1	13 45	23 34	23 35	20 15	16 5	6 28
F 6	5 33	21 28	3 24	4 2	3 46	10 34	0 46	0 32	4 17	19 28	0 26	21 8	1 3	20 51	0 2	8 16	1 56	25 0	13 45	23 34	23 35	20 13	16 5	6 27
S 7	5 10	23 29	2 30	3 42	3 41	11 3	0 50	0 28	4 16	19 30	0 25	21 8	1 3	20 51	0 1	8 15	1 56	25 0	13 45	23 34	23 35	20 11	16 6	6 27
S 8	4 47	24 21	1 31	3 19	3 35	11 32	0 53	0 24	4 14	19 32	0 25	21 9	1 3	20 51	0 1	8 15	1 56	24 59	13 45	23 34	23 35	20 9	16 6	6 26
M 9	4 23	24 4	0 29	2 50	3 26	12 1	0 57	0 20	4 12	19 34	0 25	21 9	1 3	20 51	0 1	8 14	1 56	24 58	13 46	23 34	23 35	20 7	16 7	6 26
T 10	4 0	22 41	0n34	2 18	3 16	12 30	1 0	0 16	4 10	19 36	0 25	21 10	1 3	20 52	0 1	8 14	1 56	24 58	13 46	23 34	23 35	20 5	16 7	6 26
W11	3 37	20 19	1 35	1 41	3 4	12 59	1 4	0 11	4 8	19 38	0 25	21 10	1 3	20 52	0 1	8 13	1 56	24 57	13 46	23 34	23 35	20 3	16 8	6 25
T 12	3 13	17 6	2 32	1 2	2 49	13 27	1 8	0 7	4 6	19 40	0 25	21 10	1 3	20 52	0 1	8 13	1 56	24 57	13 46	23 34	23 35	20 2	16 8	6 25
F 13	2 50	13 9	3 23	0 19	2 34	13 54	1 11	0 2	4 4	19 42	0 24	21 11	1 3	20 53	0 1	8 12	1 56	24 56	13 47	23 34	23 35	20 0	16 9	6 24
S 14	2 26	8 38	4 5	0n25	2 16	14 22	1 15	0s 3	4 2	19 44	0 24	21 11	1 3	20 53	0 1	8 12	1 56	24 56	13 47	23 34	23 35	19 58	16 9	6 24
S 15	2 2	3 42	4 37	1 9	1 57	14 49	1 19	0 8	3 59	19 46	0 24	21 12	1 3	20 54	0 1	8 11	1 56	24 55	13 47	23 35	23 35	19 56	16 10	6 24
M16	1 39	1n27	4 56	1 53	1 38	15 16	1 22	0 12	3 57	19 48	0 24	21 12	1 3	20 54	0 1	8 11	1 56	24 55	13 47	23 35	23 35	19 54	16 10	6 23
T 17	1 15	6 38	5 0	2 36	1 17	15 43	1 26	0 17	3 54	19 51	0 24	21 12	1 3	20 54	0 1	8 10	1 57	24 54	13 48	23 35	23 35	19 52	16 11	6 23
W18	0 51	11 37	4 49	3 17	0 57	16 9	1 30	0 22	3 51	19 53	0 24	21 13	1 3	20 55	0 1	8 9	1 57	24 54	13 48	23 35	23 35	19 50	16 11	6 22
T 19	0 27	16 8	4 22	3 53	0 37	16 35	1 33	0 27	3 48	19 55	0 23	21 13	1 3	20 55	0 1	8 9	1 57	24 54	13 48	23 35	23 36	19 48	16 11	6 22
F 20	0 4	19 54	3 40	4 26	0 17	17 0	1 37	0 32	3 45	19 57	0 23	21 13	1 3	20 55	0 1	8 8	1 57	24 53	13 48	23 36	23 36	19 46	16 12	6 21
S 21	0s20	22 38	2 45	4 54	0n 2	17 25	1 40	0 37	3 42	19 59	0 23	21 13	1 3	20 56	0 1	8 8	1 57	24 53	13 49	23 36	23 36	19 44	16 12	6 21
S 22	0 44	24 4	1 41	5 16	0 20	17 50	1 44	0 42	3 39	20 2	0 23	21 14	1 3	20 56	0 1	8 7	1 57	24 52	13 49	23 36	23 36	19 42	16 13	6 21
M23	1 8	24 2	0 29	5 34	0 37	18 14	1 47	0 47	3 36	20 4	0 23	21 14	1 3	20 57	0 1	8 7	1 57	24 52	13 49	23 36	23 36	19 41	16 13	6 20
T 24	1 32	22 28	0s45	5 45	0 52	18 38	1 51	0 52	3 32	20 6	0 23	21 14	1 3	20 57	0 1	8 6	1 57	24 51	13 50	23 36	23 36	19 39	16 14	6 20
W25	1 55	19 30	1 57	5 51	1 6	19 1	1 54	0 56	3 29	20 8	0 23	21 14	1 3	20 58	0 1	8 5	1 57	24 51	13 50	23 36	23 36	19 37	16 14	6 19
T 26	2 19	15 20	3 2	5 51	1 18	19 24	1 57	1 1	3 25	20 11	0 22	21 14	1 3	20 58	0 1	8 5	1 57	24 51	13 50	23 36	23 36	19 35	16 14	6 19
F 27	2 43	10 16	3 56	5 47	1 29	19 46	2 1	1 6	3 22	20 13	0 22	21 14	1 3	20 59	0 1	8 4	1 57	24 50	13 50	23 36	23 36	19 33	16 15	6 18
S 28	3 7	4 39	4 35	5 37	1 38	20 8	2 4	1 10	3 18	20 15	0 22	21 14	1 3	20 59	0 1	8 4	1 57	24 50	13 51	23 36	23 36	19 31	16 15	6 18
S 29	3 31	1s11	4 57	5 23	1 45	20 30	2 7	1 14	3 14	20 18	0 22	21 14	1 3	20 59	0 1	8 3	1 57	24 50	13 51	23 36	23 36	19 29	16 16	6 18
M30	3s54	6s52	5s 0	5n 5	1n52	20s51	2s11	1s18	3s10	20s20	0n22	21s14	1s 3	21s 0	0n 1	8n 2	1s57	24n49	13n51	23s36	23s36	19s27	16s16	6n17

Julian Day Number = 1986472.5, Delta T = 56m49s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'12, Lahiri = 6°07'13 Julian Calendar 1 Sept. 726 == Greg. Calendar 5 Sept. 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

OCTOBER 726 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 50 34	10♎47'19	19♎35	22♍41	24♏31	3°R41	2♐ 6	0°R19	3♐39	25°R16	29♌ 1	0°R41	1♉ 8	24♉16	17♉ 7	T 1
W 2	0 54 30	11°47'13	3♏ 8	23°53	25°40	3♈23	2°17	0°D19	3°42	25♈15	29° 2	0♉30	1° 5	24°22	17° 7	W 2
T 3	0 58 27	12°47'08	16°18	25°10	26°49	3° 5	2°28	0♒19	3°44	25°13	29° 4	0°21	1° 1	24°29	17° 8	T 3
F 4	1 2 23	13°47'06	29° 5	26°31	27°58	2°48	2°39	0°19	3°47	25°11	29° 6	0°14	0°58	24°36	17° 9	F 4
S 5	1 6 20	14°47'05	11♐33	27°55	29° 7	2°31	2°50	0°20	3°50	25°10	29° 7	0°11	0°55	24°42	17°10	S 5
S 6	1 10 16	15°47'06	23°43	29°23	0♐16	2°15	3° 1	0°20	3°52	25° 8	29° 9	0° 9	0°52	24°49	17°11	S 6
M 7	1 14 13	16°47'08	5♉40	0♎52	1°24	1°59	3°13	0°21	3°55	25° 6	29°10	0°D 9	0°49	24°56	17°12	M 7
T 8	1 18 10	17°47'13	17°30	2°24	2°32	1°44	3°24	0°21	3°58	25° 5	29°12	0°R 9	0°46	25° 2	17°13	T 8
W 9	1 22 6	18°47'19	29°19	3°57	3°41	1°29	3°36	0°22	4° 1	25° 3	29°14	0° 9	0°42	25° 9	17°14	W 9
T 10	1 26 3	19°47'26	11♒11	5°32	4°49	1°15	3°47	0°23	4° 4	25° 1	29°15	0° 6	0°39	25°16	17°15	T 10
F 11	1 29 59	20°47'36	23°12	7° 7	5°57	1° 2	3°59	0°24	4° 7	25° 0	29°17	0° 2	0°36	25°22	17°17	F 11
S 12	1 33 56	21°47'46	5♓26	8°44	7° 5	0°50	4°11	0°25	4° 9	24°58	29°18	29♐55	0°33	25°29	17°18	S 12
S 13	1 37 52	22°47'59	17°56	10°20	8°12	0°38	4°22	0°26	4°12	24°56	29°19	29°45	0°30	25°36	17°19	S 13
M14	1 41 49	23°48'13	0♈44	11°58	9°20	0°27	4°34	0°27	4°15	24°54	29°21	29°34	0°26	25°42	17°21	M14
T 15	1 45 45	24°48'29	13°51	13°35	10°27	0°17	4°46	0°28	4°18	24°53	29°22	29°22	0°23	25°49	17°22	T 15
W16	1 49 42	25°48'46	27°15	15°13	11°34	0° 7	4°58	0°30	4°21	24°51	29°24	29°11	0°20	25°56	17°24	W16
T 17	1 53 39	26°49'06	10♉55	16°51	12°41	29♓59	5°10	0°31	4°24	24°49	29°25	29° 2	0°17	26° 2	17°26	T 17
F 18	1 57 35	27°49'27	24°46	18°28	13°48	29°51	5°23	0°33	4°27	24°48	29°26	28°55	0°14	26° 9	17°28	F 18
S 19	2 1 32	28°49'50	8♊45	20° 6	14°55	29°44	5°35	0°35	4°31	24°46	29°28	28°50	0°11	26°15	17°29	S 19
S 20	2 5 28	29°50'16	22°49	21°44	16° 1	29°38	5°47	0°36	4°34	24°44	29°29	28°D49	0° 7	26°22	17°31	S 20
M21	2 9 25	0♏50'43	6♋56	23°21	17° 8	29°32	6° 0	0°38	4°37	24°43	29°30	28°49	0° 4	26°29	17°33	M21
T 22	2 13 21	1°51'12	21° 3	24°58	18°14	29°27	6°12	0°40	4°40	24°41	29°31	28°50	0° 1	26°35	17°35	T 22
W23	2 17 18	2°51'43	5♌10	26°35	19°20	29°24	6°25	0°43	4°43	24°39	29°32	28°R50	29♐58	26°42	17°38	W23
T 24	2 21 14	3°52'16	19°16	28°12	20°25	29°21	6°37	0°45	4°47	24°38	29°34	28°49	29°55	26°49	17°40	T 24
F 25	2 25 11	4°52'51	3♍18	29°49	21°31	29°18	6°50	0°47	4°50	24°36	29°35	28°45	29°52	26°55	17°42	F 25
S 26	2 29 8	5°53'28	17°16	1♏25	22°36	29°17	7° 2	0°49	4°53	24°34	29°36	28°40	29°48	27° 2	17°44	S 26
S 27	2 33 4	6°54'06	1♎ 6	3° 1	23°41	29°D16	7°15	0°52	4°56	24°33	29°37	28°32	29°45	27° 9	17°47	S 27
M28	2 37 1	7°54'46	14°47	4°37	24°46	29°16	7°28	0°55	5° 0	24°31	29°38	28°23	29°42	27°15	17°49	M28
T 29	2 40 57	8°55'28	28°15	6°13	25°51	29°17	7°41	0°57	5° 3	24°29	29°39	28°14	29°39	27°22	17°52	T 29
W30	2 44 54	9°56'11	11♏28	7°48	26°55	29°19	7°54	1° 0	5° 6	24°28	29°40	28° 6	29°36	27°29	17°54	W30
T 31	2 48 50	10♏56'56	24♏23	9♏23	27♐59	29♓22	8♐ 7	1♒ 3	5♐10	24♈26	29♌41	27♐59	29♐32	27♉35	17♉57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s18	12s 6	4s45	4n43	1n57	21s11	2s14	1s22	3s 6	20s22	0n22	21s14	1s 3	21s 0	0n 1	8n 2	1s57	24n49	13n52	23s36	23s36	19s25	16s16	6n17
W 2	4 42	16 37	4 14	4 17	2 0	21 31	2 17	1 26	3 2	20 25	0 21	21 14	1 3	21 1	0 1	8 1	1 57	24 49	13 52	23 36	23 36	19 23	16 17	6 16
T 3	5 5	20 11	3 30	3 49	2 3	21 51	2 20	1 29	2 58	20 27	0 21	21 14	1 3	21 1	0 1	8 1	1 57	24 48	13 53	23 36	23 36	19 21	16 17	6 16
F 4	5 29	22 39	2 37	3 18	2 5	22 10	2 23	1 32	2 54	20 29	0 21	21 14	1 2	21 2	0 1	8 0	1 57	24 48	13 53	23 36	23 36	19 19	16 17	6 15
S 5	5 52	23 56	1 37	2 45	2 5	22 28	2 26	1 35	2 50	20 32	0 21	21 14	1 2	21 2	0 1	7 59	1 57	24 48	13 53	23 36	23 36	19 17	16 18	6 15
S 6	6 15	24 1	0 34	2 9	2 5	22 46	2 29	1 38	2 46	20 34	0 21	21 14	1 2	21 3	0 1	7 59	1 57	24 48	13 54	23 36	23 36	19 15	16 18	6 14
M 7	6 38	23 0	0n29	1 33	2 4	23 3	2 31	1 41	2 42	20 36	0 21	21 14	1 2	21 4	0 1	7 58	1 57	24 47	13 54	23 36	23 36	19 13	16 18	6 14
T 8	7 2	20 57	1 31	0 54	2 2	23 20	2 34	1 43	2 38	20 39	0 21	21 14	1 2	21 4	0 1	7 57	1 57	24 47	13 54	23 36	23 36	19 11	16 19	6 14
W 9	7 25	18 1	2 29	0 15	2 0	23 36	2 37	1 45	2 34	20 41	0 20	21 14	1 2	21 5	0 1	7 57	1 57	24 47	13 55	23 36	23 36	19 9	16 19	6 13
T 10	7 48	14 20	3 20	0s26	1 57	23 51	2 39	1 47	2 29	20 43	0 20	21 13	1 2	21 5	0 1	7 56	1 57	24 47	13 55	23 36	23 36	19 7	16 19	6 13
F 11	8 10	10 3	4 3	1 7	1 53	24 6	2 42	1 48	2 25	20 46	0 20	21 13	1 2	21 6	0 1	7 56	1 57	24 47	13 56	23 36	23 36	19 5	16 19	6 12
S 12	8 33	5 18	4 36	1 49	1 49	24 20	2 44	1 49	2 21	20 48	0 20	21 13	1 2	21 6	0 1	7 55	1 57	24 46	13 56	23 36	23 36	19 3	16 20	6 12
S 13	8 56	0 15	4 57	2 31	1 45	24 34	2 46	1 50	2 17	20 50	0 20	21 13	1 2	21 7	0 1	7 54	1 57	24 46	13 56	23 36	23 36	19 1	16 20	6 11
M14	9 18	4n55	5 3	3 14	1 40	24 47	2 49	1 51	2 13	20 53	0 20	21 12	1 2	21 7	0 1	7 54	1 57	24 46	13 57	23 36	23 36	18 59	16 20	6 11
T 15	9 40	10 0	4 53	3 56	1 35	24 59	2 51	1 51	2 9	20 55	0 20	21 12	1 2	21 8	0 1	7 53	1 57	24 46	13 57	23 36	23 36	18 57	16 20	6 11
W16	10 2	14 43	4 28	4 39	1 30	25 11	2 53	1 51	2 5	20 57	0 20	21 12	1 2	21 9	0 1	7 52	1 57	24 46	13 58	23 36	23 36	18 55	16 21	6 10
T 17	10 24	18 47	3 47	5 22	1 24	25 22	2 55	1 51	2 1	20 59	0 19	21 11	1 2	21 9	0 1	7 52	1 57	24 46	13 58	23 36	23 36	18 53	16 21	6 10
F 18	10 46	21 51	2 51	6 5	1 18	25 32	2 57	1 50	1 57	21 2	0 19	21 11	1 2	21 10	0 1	7 51	1 57	24 46	13 58	23 36	23 36	18 51	16 21	6 9
S 19	11 8	23 39	1 45	6 48	1 12	25 42	2 58	1 50	1 53	21 4	0 19	21 10	1 2	21 10	0 1	7 51	1 57	24 46	13 59	23 36	23 36	18 49	16 21	6 9
S 20	11 29	23 56	0 32	7 30	1 6	25 51	3 0	1 49	1 49	21 6	0 19	21 10	1 2	21 11	0 1	7 50	1 57	24 46	13 59	23 36	23 36	18 47	16 21	6 9
M21	11 51	22 42	0s43	8 12	1 0	25 59	3 2	1 47	1 45	21 9	0 19	21 10	1 2	21 11	0 1	7 49	1 57	24 45	14 0	23 36	23 36	18 45	16 21	6 8
T 22	12 12	20 2	1 56	8 54	0 53	26 7	3 3	1 45	1 41	21 11	0 19	21 9	1 2	21 12	0 1	7 49	1 57	24 45	14 0	23 36	23 36	18 43	16 22	6 8
W23	12 33	16 10	3 2	9 36	0 47	26 14	3 4	1 43	1 37	21 13	0 19	21 9	1 2	21 13	0 1	7 48	1 57	24 45	14 1	23 36	23 36	18 41	16 22	6 7
T 24	12 54	11 24	3 57	10 17	0 40	26 20	3 6	1 41	1 33	21 16	0 19	21 8	1 2	21 13	0 1	7 48	1 57	24 45	14 1	23 36	23 36	18 39	16 22	6 7
F 25	13 14	6 4	4 37	10 57	0 34	26 26	3 7	1 39	1 30	21 18	0 18	21 8	1 2	21 14	0 1	7 47	1 57	24 45	14 1	23 36	23 36	18 37	16 22	6 7
S 26	13 35	0 27	5 0	11 38	0 27	26 31	3 8	1 36	1 26	21 20	0 18	21 7	1 2	21 14	0 1	7 46	1 57	24 45	14 2	23 36	23 36	18 35	16 22	6 6
S 27	13 55	5s 7	5 6	12 17	0 20	26 35	3 8	1 33	1 22	21 22	0 18	21 6	1 2	21 15	0 1	7 46	1 57	24 45	14 2	23 36	23 36	18 33	16 22	6 6
M28	14 15	10 23	4 54	12 56	0 14	26 39	3 9	1 30	1 19	21 25	0 18	21 6	1 2	21 16	0 1	7 45	1 57	24 46	14 3	23 36	23 36	18 31	16 22	6 5
T 29	14 34	15 3	4 26	13 34	0 7	26 42	3 10	1 26	1 15	21 27	0 18	21 5	1 2	21 16	0 1	7 45	1 57	24 46	14 3	23 36	23 36	18 29	16 22	6 5
W30	14 54	18 55	3 44	14 12	0 0	26 44	3 10	1 22	1 12	21 29	0 18	21 5	1 2	21 17	0 1	7 44	1 57	24 46	14 4	23 35	23 36	18 27	16 22	6 5
T 31	15s13	21s45	2s51	14s49	0s 6	26s46	3s10	1s18	1s 8	21s31	0n18	21s 4	1s 2	21s18	0n 1	7n43	1s57	24n46	14n 4	23s35	23s36	18s25	16s22	6n 4

Julian Day Number = 1986502.5, Delta T = 56m48s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'16, Lahiri = 6°07'17 Julian Calendar 1 Oct. 726 == Greg. Calendar 5 Oct. 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

NOVEMBER 726 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 52 47	11♏57'42	7♐ 1	10♏58	29♐ 3	29♓25	8♐20	1♒ 6	5♐13	24°R24	29♌42	27°R55	29♐29	27♉42	17♉59	F 1
S 2	2 56 43	12°58'30	19°23	12°33	0♉ 6	29°29	8°33	1° 9	5°17	24♈23	29°43	27♐52	29°26	27°49	18° 2	S 2
S 3	3 0 40	13°59'18	1♉31	14° 8	1°10	29°34	8°46	1°12	5°20	24°21	29°43	27°D52	29°23	27°55	18° 5	S 3
M 4	3 4 37	15° 0'08	13°28	15°42	2°13	29°40	8°59	1°15	5°24	24°20	29°44	27°53	29°20	28° 2	18° 8	M 4
T 5	3 8 33	16° 0'59	25°18	17°17	3°15	29°46	9°12	1°19	5°27	24°18	29°45	27°55	29°17	28° 9	18°11	T 5
W 6	3 12 30	17° 1'51	7♒ 6	18°51	4°17	29°53	9°25	1°22	5°31	24°17	29°46	27°56	29°13	28°15	18°14	W 6
T 7	3 16 26	18° 2'44	18°58	20°25	5°19	0♈ 1	9°39	1°26	5°34	24°15	29°47	27°R57	29°10	28°22	18°17	T 7
F 8	3 20 23	19° 3'37	0♓58	21°59	6°21	0° 9	9°52	1°29	5°38	24°14	29°47	27°56	29° 7	28°29	18°20	F 8
S 9	3 24 19	20° 4'32	13°12	23°33	7°22	0°19	10° 5	1°33	5°41	24°12	29°48	27°53	29° 4	28°35	18°23	S 9
S 10	3 28 16	21° 5'27	25°44	25° 7	8°23	0°28	10°19	1°37	5°45	24°11	29°49	27°49	29° 1	28°42	18°26	S 10
M11	3 32 12	22° 6'24	8♈36	26°41	9°23	0°39	10°32	1°41	5°48	24° 9	29°49	27°44	28°58	28°49	18°29	M11
T 12	3 36 9	23° 7'21	21°52	28°15	10°23	0°50	10°46	1°45	5°52	24° 8	29°50	27°38	28°54	28°55	18°33	T 12
W13	3 40 6	24° 8'19	5♉30	29°49	11°23	1° 2	10°59	1°49	5°55	24° 6	29°50	27°32	28°51	29° 2	18°36	W13
T 14	3 44 2	25° 9'18	19°29	1♐23	12°22	1°14	11°13	1°53	5°59	24° 5	29°51	27°27	28°48	29° 9	18°39	T 14
F 15	3 47 59	26°10'18	3♊45	2°57	13°21	1°27	11°26	1°57	6° 3	24° 4	29°51	27°24	28°45	29°15	18°43	F 15
S 16	3 51 55	27°11'19	18°12	4°31	14°19	1°41	11°40	2° 1	6° 6	24° 2	29°52	27°22	28°42	29°22	18°46	S 16
S 17	3 55 52	28°12'21	2♋45	6° 5	15°17	1°55	11°53	2° 6	6°10	24° 1	29°52	27°D22	28°38	29°29	18°50	S 17
M18	3 59 48	29°13'24	17°17	7°39	16°14	2° 9	12° 7	2°10	6°14	24° 0	29°53	27°23	28°35	29°35	18°53	M18
T 19	4 3 45	0♐14'28	1♌44	9°13	17°10	2°25	12°21	2°15	6°17	23°58	29°53	27°24	28°32	29°42	18°57	T 19
W20	4 7 41	1°15'34	16° 3	10°47	18° 6	2°40	12°34	2°19	6°21	23°57	29°53	27°26	28°29	29°49	19° 1	W20
T 21	4 11 38	2°16'40	0♍11	12°21	19° 2	2°56	12°48	2°24	6°24	23°56	29°54	27°R26	28°26	29°55	19° 5	T 21
F 22	4 15 35	3°17'47	14° 6	13°54	19°57	3°13	13° 2	2°29	6°28	23°54	29°54	27°26	28°23	0♒ 2	19° 8	F 22
S 23	4 19 31	4°18'55	27°48	15°28	20°51	3°31	13°15	2°34	6°32	23°53	29°54	27°24	28°19	0° 9	19°12	S 23
S 24	4 23 28	5°20'04	11♎17	17° 2	21°45	3°48	13°29	2°39	6°35	23°52	29°54	27°22	28°16	0°15	19°16	S 24
M25	4 27 24	6°21'14	24°32	18°36	22°38	4° 7	13°43	2°44	6°39	23°51	29°54	27°19	28°13	0°22	19°20	M25
T 26	4 31 21	7°22'25	7♏35	20°10	23°30	4°25	13°57	2°49	6°43	23°50	29°54	27°15	28°10	0°29	19°24	T 26
W27	4 35 17	8°23'36	20°23	21°43	24°21	4°44	14°10	2°54	6°46	23°49	29°55	27°12	28° 7	0°35	19°28	W27
T 28	4 39 14	9°24'48	2♐59	23°16	25°12	5° 4	14°24	2°59	6°50	23°48	29°55	27°10	28° 4	0°42	19°32	T 28
F 29	4 43 10	10°26'01	15°22	24°49	26° 2	5°24	14°38	3° 4	6°54	23°47	29°R55	27° 9	28° 0	0°49	19°36	F 29
S 30	4 47 7	11♐27'13	27♐34	26♐22	26♉51	5♈45	14♐52	3♒10	6♐57	23♈45	29♌55	27°D 8	27♐57	0♒55	19♉40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s32	23s27	1s50	15s26	0s13	26s46	3s10	1s13	1s 5	21s33	0n18	21s 3	1s 2	21s18	0n 1	7n43	1s57	24n46	14n 5	23s35	23s36	18s22	16s22	6n 4
S 2	15 50	23 56	0 46	16 1	0 20	26 47	3 10	1 9	1 2	21 36	0 17	21 3	1 2	21 19	0 1	7 42	1 57	24 46	14 5	23 35	23 36	18 20	16 22	6 4
S 3	16 9	23 16	0n20	16 36	0 26	26 46	3 10	1 4	0 58	21 38	0 17	21 2	1 2	21 19	0 1	7 42	1 57	24 46	14 6	23 35	23 36	18 18	16 22	6 3
M 4	16 27	21 32	1 24	17 10	0 32	26 45	3 10	0 59	0 55	21 40	0 17	21 1	1 2	21 20	0 1	7 41	1 57	24 46	14 6	23 35	23 36	18 16	16 22	6 3
T 5	16 45	18 52	2 24	17 44	0 39	26 43	3 10	0 53	0 52	21 42	0 17	21 0	1 2	21 21	0 1	7 41	1 57	24 46	14 7	23 35	23 36	18 14	16 22	6 2
W 6	17 2	15 27	3 17	18 16	0 45	26 41	3 9	0 48	0 49	21 44	0 17	20 59	1 2	21 21	0 1	7 40	1 57	24 47	14 7	23 35	23 36	18 12	16 22	6 2
T 7	17 19	11 24	4 3	18 48	0 51	26 38	3 8	0 42	0 46	21 46	0 17	20 59	1 2	21 22	0 1	7 40	1 57	24 47	14 8	23 35	23 36	18 10	16 22	6 2
F 8	17 36	6 52	4 38	19 19	0 57	26 34	3 7	0 36	0 43	21 48	0 17	20 58	1 1	21 23	0 1	7 39	1 57	24 47	14 8	23 35	23 36	18 8	16 22	6 1
S 9	17 53	2 1	5 1	19 48	1 3	26 30	3 6	0 29	0 40	21 50	0 17	20 57	1 1	21 23	0 1	7 39	1 57	24 47	14 9	23 35	23 36	18 6	16 22	6 1
S 10	18 9	3n 3	5 11	20 17	1 9	26 25	3 5	0 23	0 37	21 53	0 17	20 56	1 1	21 24	0 1	7 38	1 57	24 47	14 9	23 35	23 36	18 4	16 22	6 1
M11	18 25	8 7	5 6	20 45	1 14	26 19	3 3	0 16	0 34	21 55	0 16	20 55	1 1	21 24	0 1	7 37	1 57	24 48	14 10	23 35	23 36	18 2	16 22	6 0
T 12	18 41	12 58	4 44	21 12	1 20	26 13	3 2	0 9	0 32	21 57	0 16	20 54	1 1	21 25	0 1	7 37	1 57	24 48	14 10	23 35	23 36	17 59	16 22	6 0
W13	18 56	17 19	4 6	21 38	1 25	26 6	3 0	0 2	0 29	21 59	0 16	20 53	1 1	21 26	0 1	7 36	1 56	24 48	14 11	23 35	23 36	17 57	16 22	6 0
T 14	19 11	20 48	3 13	22 3	1 30	25 59	2 58	0n 5	0 26	22 1	0 16	20 52	1 1	21 26	0 1	7 36	1 56	24 48	14 11	23 35	23 36	17 55	16 22	5 59
F 15	19 26	23 6	2 6	22 26	1 35	25 51	2 56	0 13	0 24	22 3	0 16	20 51	1 1	21 27	0 1	7 36	1 56	24 49	14 12	23 35	23 36	17 53	16 21	5 59
S 16	19 40	23 54	0 50	22 49	1 39	25 42	2 53	0 21	0 21	22 5	0 16	20 50	1 1	21 28	0 1	7 35	1 56	24 49	14 12	23 35	23 36	17 51	16 21	5 59
S 17	19 54	23 5	0s30	23 10	1 44	25 33	2 51	0 29	0 19	22 7	0 16	20 49	1 1	21 28	0 1	7 35	1 56	24 49	14 13	23 35	23 36	17 49	16 21	5 59
M18	20 7	20 42	1 47	23 31	1 48	25 23	2 48	0 37	0 16	22 8	0 16	20 48	1 1	21 29	0 1	7 34	1 56	24 50	14 13	23 35	23 36	17 47	16 21	5 58
T 19	20 20	17 1	2 58	23 50	1 52	25 13	2 45	0 45	0 14	22 10	0 16	20 47	1 1	21 30	0 1	7 34	1 56	24 50	14 14	23 35	23 36	17 45	16 21	5 58
W20	20 33	12 22	3 56	24 7	1 56	25 2	2 42	0 53	0 12	22 12	0 15	20 46	1 1	21 30	0 1	7 33	1 56	24 50	14 14	23 35	23 36	17 43	16 20	5 58
T 21	20 46	7 7	4 40	24 24	1 59	24 51	2 38	1 2	0 10	22 14	0 15	20 45	1 1	21 31	0 1	7 33	1 56	24 51	14 15	23 35	23 36	17 40	16 20	5 57
F 22	20 58	1 35	5 6	24 39	2 2	24 40	2 35	1 11	0 7	22 16	0 15	20 44	1 1	21 32	0 1	7 32	1 56	24 51	14 15	23 35	23 36	17 38	16 20	5 57
S 23	21 9	3s56	5 15	24 52	2 5	24 28	2 31	1 20	0 5	22 18	0 15	20 43	1 1	21 32	0 1	7 32	1 56	24 51	14 16	23 35	23 36	17 36	16 20	5 57
S 24	21 20	9 10	5 6	25 5	2 7	24 15	2 27	1 29	0 3	22 20	0 15	20 42	1 1	21 33	0 1	7 32	1 56	24 52	14 16	23 35	23 36	17 34	16 20	5 57
M25	21 31	13 54	4 40	25 15	2 9	24 2	2 23	1 38	0 1	22 21	0 15	20 41	1 1	21 33	0 1	7 31	1 56	24 52	14 17	23 35	23 35	17 32	16 19	5 56
T 26	21 41	17 55	4 1	25 25	2 11	23 49	2 18	1 47	0n 1	22 23	0 15	20 39	1 1	21 34	0 1	7 31	1 56	24 53	14 17	23 34	23 35	17 30	16 19	5 56
W27	21 51	21 0	3 9	25 33	2 12	23 35	2 13	1 57	0 3	22 25	0 15	20 38	1 1	21 35	0 1	7 31	1 56	24 53	14 18	23 34	23 35	17 28	16 19	5 56
T 28	22 1	23 1	2 10	25 39	2 13	23 20	2 8	2 6	0 5	22 27	0 15	20 37	1 1	21 35	0 1	7 30	1 56	24 54	14 18	23 34	23 35	17 25	16 18	5 56
F 29	22 10	23 52	1 5	25 43	2 13	23 6	2 3	2 16	0 7	22 28	0 15	20 36	1 1	21 36	0 1	7 30	1 56	24 54	14 19	23 34	23 35	17 23	16 18	5 55
S 30	22s19	23s32	0n 2	25s46	2s13	22s51	1s57	2n26	0n 9	22s30	0n14	20s35	1s 1	21s37	0n 1	7n29	1s56	24n55	14n19	23s34	23s35	17s21	16s18	5n55

Julian Day Number = 1986533.5, Delta T = 56m47s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'20, Lahiri = 6°07'21 Julian Calendar 1 Nov. 726 == Greg. Calendar 5 Nov. 726

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ASTRODIENST EPHEMERIS for the year 726
geocentric

DECEMBER 726 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 51 4	12♐28'27	9♑36	27♐53	27♑40	6♈ 5	15♐ 6	3♒15	7♐ 1	23°R44	29°R55	27♐ 9	27♐54	1♒ 2	19♑44	S 1
M 2	4 55 0	13°29'40	21°30	29°25	28°27	6°27	15°20	3°20	7° 5	23♈44	29♌54	27°10	27°51	1° 9	19°48	M 2
T 3	4 58 57	14°30'54	3♒19	0♑55	29°13	6°48	15°33	3°26	7° 8	23°43	29°54	27°11	27°48	1°15	19°53	T 3
W 4	5 2 53	15°32'07	15° 7	2°24	29°59	7°11	15°47	3°32	7°12	23°42	29°54	27°12	27°44	1°22	19°57	W 4
T 5	5 6 50	16°33'21	26°58	3°52	0♒43	7°33	16° 1	3°37	7°15	23°41	29°54	27°13	27°41	1°29	20° 1	T 5
F 6	5 10 46	17°34'34	8♓57	5°18	1°27	7°56	16°15	3°43	7°19	23°40	29°54	27°14	27°38	1°35	20° 5	F 6
S 7	5 14 43	18°35'47	21° 7	6°42	2° 9	8°19	16°29	3°49	7°23	23°39	29°54	27°R14	27°35	1°42	20°10	S 7
S 8	5 18 40	19°37'00	3♈35	8° 4	2°50	8°43	16°43	3°55	7°26	23°38	29°53	27°14	27°32	1°49	20°14	S 8
M 9	5 22 36	20°38'13	16°23	9°24	3°30	9° 6	16°57	4° 0	7°30	23°38	29°53	27°13	27°29	1°55	20°19	M 9
T 10	5 26 33	21°39'26	29°36	10°40	4° 9	9°31	17°10	4° 6	7°33	23°37	29°53	27°12	27°25	2° 2	20°23	T 10
W11	5 30 29	22°40'38	13♉15	11°52	4°46	9°55	17°24	4°12	7°37	23°36	29°52	27°12	27°22	2° 9	20°27	W11
T 12	5 34 26	23°41'50	27°20	13° 0	5°22	10°20	17°38	4°18	7°41	23°35	29°52	27°11	27°19	2°15	20°32	T 12
F 13	5 38 22	24°43'02	11♊48	14° 3	5°57	10°45	17°52	4°24	7°44	23°35	29°51	27°11	27°16	2°22	20°36	F 13
S 14	5 42 19	25°44'14	26°35	15° 0	6°30	11°11	18° 6	4°31	7°48	23°34	29°51	27°D11	27°13	2°29	20°41	S 14
S 15	5 46 15	26°45'26	11♋32	15°50	7° 2	11°36	18°19	4°37	7°51	23°34	29°50	27°R11	27°10	2°35	20°45	S 15
M16	5 50 12	27°46'37	26°32	16°32	7°32	12° 2	18°33	4°43	7°55	23°33	29°50	27°11	27° 6	2°42	20°50	M16
T 17	5 54 9	28°47'48	11♌26	17° 6	8° 0	12°29	18°47	4°49	7°58	23°33	29°49	27°11	27° 3	2°49	20°55	T 17
W18	5 58 5	29°49'00	26° 8	17°31	8°27	12°55	19° 1	4°56	8° 2	23°32	29°49	27°11	27° 0	2°55	20°59	W18
T 19	6 2 2	0♑50'11	10♍31	17°46	8°52	13°22	19°14	5° 2	8° 5	23°32	29°48	27°10	26°57	3° 2	21° 4	T 19
F 20	6 5 58	1°51'22	24°33	17°R49	9°15	13°49	19°28	5° 9	8° 8	23°31	29°48	27°10	26°54	3° 9	21° 9	F 20
S 21	6 9 55	2°52'32	8♎14	17°41	9°36	14°16	19°42	5°15	8°12	23°31	29°47	27°D10	26°50	3°16	21°13	S 21
S 22	6 13 51	3°53'43	21°33	17°22	9°55	14°44	19°56	5°22	8°15	23°30	29°46	27°11	26°47	3°22	21°18	S 22
M23	6 17 48	4°54'54	4♏34	16°50	10°12	15°11	20° 9	5°28	8°19	23°30	29°45	27°11	26°44	3°29	21°23	M23
T 24	6 21 44	5°56'04	17°17	16° 8	10°27	15°39	20°23	5°35	8°22	23°30	29°45	27°12	26°41	3°36	21°27	T 24
W25	6 25 41	6°57'14	29°46	15°15	10°40	16° 8	20°36	5°41	8°25	23°30	29°44	27°13	26°38	3°42	21°32	W25
T 26	6 29 38	7°58'23	12♐ 4	14°13	10°51	16°36	20°50	5°48	8°29	23°29	29°43	27°14	26°35	3°49	21°37	T 26
F 27	6 33 34	8°59'33	24°12	13° 3	11° 0	17° 5	21° 4	5°55	8°32	23°29	29°42	27°R14	26°31	3°56	21°42	F 27
S 28	6 37 31	10° 0'41	6♑12	11°49	11° 6	17°33	21°17	6° 1	8°35	23°29	29°41	27°14	26°28	4° 2	21°47	S 28
S 29	6 41 27	11° 1'49	18° 6	10°32	11°10	18° 2	21°31	6° 8	8°38	23°29	29°40	27°13	26°25	4° 9	21°51	S 29
M30	6 45 24	12° 2'56	29°57	9°15	11°R11	18°32	21°44	6°15	8°42	23°29	29°39	27°11	26°22	4°16	21°56	M30
T 31	6 49 20	13♑ 4'02	11♒46	7♑59	11♒10	19♈ 1	21♐57	6♒22	8♐45	23°D29	29♌39	27♐ 9	26♐19	4♒22	22♑ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s27	22s 7	1n 9	25s48	2s12	22s36	1s52	2n36	0n11	22s32	0n14	20s33	1s 1	21s37	0n 1	7n29	1s56	24n55	14n20	23s34	23s35	17s19	16s17	5n55
M 2	22 35	19 43	2 11	25 47	2 11	22 20	1 46	2 46	0 12	22 33	0 14	20 32	1 1	21 38	0 1	7 29	1 56	24 56	14 20	23 34	23 35	17 17	16 17	5 55
T 3	22 42	16 30	3 8	25 45	2 9	22 4	1 39	2 56	0 14	22 35	0 14	20 31	1 1	21 38	0 1	7 29	1 56	24 56	14 21	23 34	23 35	17 15	16 17	5 54
W 4	22 49	12 39	3 56	25 42	2 7	21 48	1 33	3 7	0 16	22 36	0 14	20 29	1 1	21 39	0 1	7 28	1 56	24 57	14 21	23 34	23 35	17 12	16 16	5 54
T 5	22 55	8 18	4 35	25 36	2 4	21 32	1 26	3 17	0 17	22 38	0 14	20 28	1 1	21 40	0 1	7 28	1 55	24 57	14 22	23 34	23 35	17 10	16 16	5 54
F 6	23 1	3 37	5 2	25 29	2 0	21 15	1 19	3 28	0 19	22 40	0 14	20 27	1 1	21 40	0 1	7 28	1 55	24 58	14 22	23 34	23 35	17 8	16 15	5 54
S 7	23 7	1n17	5 16	25 21	1 55	20 58	1 11	3 38	0 21	22 41	0 14	20 25	1 1	21 41	0 1	7 27	1 55	24 58	14 23	23 34	23 35	17 6	16 15	5 54
S 8	23 12	6 15	5 16	25 10	1 49	20 41	1 4	3 49	0 22	22 43	0 14	20 24	1 1	21 41	0 1	7 27	1 55	24 59	14 23	23 34	23 35	17 4	16 15	5 53
M 9	23 16	11 6	5 0	24 59	1 43	20 24	0 56	4 0	0 24	22 44	0 14	20 22	1 1	21 42	0 1	7 27	1 55	24 59	14 24	23 34	23 35	17 2	16 14	5 53
T 10	23 20	15 35	4 28	24 45	1 35	20 7	0 47	4 11	0 25	22 45	0 13	20 21	1 1	21 43	0 1	7 27	1 55	25 0	14 24	23 34	23 35	16 59	16 14	5 53
W11	23 24	19 26	3 41	24 31	1 27	19 50	0 39	4 22	0 27	22 47	0 13	20 20	1 1	21 43	0 1	7 27	1 55	25 0	14 25	23 34	23 35	16 57	16 13	5 53
T 12	23 27	22 16	2 39	24 15	1 17	19 32	0 30	4 33	0 28	22 48	0 13	20 18	1 1	21 44	0 1	7 26	1 55	25 1	14 25	23 34	23 35	16 55	16 13	5 53
F 13	23 30	23 45	1 25	23 58	1 7	19 15	0 21	4 44	0 30	22 50	0 13	20 17	1 1	21 44	0 1	7 26	1 55	25 2	14 26	23 34	23 34	16 53	16 12	5 52
S 14	23 32	23 37	0 3	23 40	0 55	18 57	0 11	4 55	0 31	22 51	0 13	20 15	1 1	21 45	0 1	7 26	1 55	25 2	14 26	23 34	23 34	16 51	16 12	5 52
S 15	23 34	21 47	1s19	23 22	0 43	18 40	0 1	5 7	0 32	22 52	0 13	20 14	1 1	21 46	0 1	7 26	1 55	25 3	14 27	23 34	23 34	16 48	16 11	5 52
M16	23 35	18 26	2 36	23 3	0 29	18 22	0n 9	5 18	0 34	22 54	0 13	20 12	1 1	21 46	0 1	7 26	1 55	25 4	14 27	23 34	23 34	16 46	16 11	5 52
T 17	23 36	13 55	3 42	22 44	0 14	18 5	0 19	5 30	0 35	22 55	0 13	20 11	1 1	21 47	0 1	7 26	1 55	25 4	14 28	23 34	23 34	16 44	16 10	5 52
W18	23 36	8 37	4 32	22 24	0n 2	17 48	0 30	5 41	0 36	22 56	0 13	20 9	1 1	21 47	0 1	7 25	1 55	25 5	14 28	23 34	23 34	16 42	16 9	5 52
T 19	23 36	2 59	5 5	22 6	0 20	17 30	0 41	5 53	0 37	22 57	0 13	20 8	1 1	21 48	0 1	7 25	1 55	25 5	14 29	23 34	23 34	16 40	16 9	5 52
F 20	23 35	2s41	5 17	21 47	0 38	17 13	0 53	6 5	0 38	22 58	0 12	20 6	1 1	21 48	0 1	7 25	1 55	25 6	14 29	23 34	23 34	16 37	16 8	5 52
S 21	23 34	8 3	5 12	21 30	0 56	16 56	1 4	6 16	0 40	23 0	0 12	20 5	1 1	21 49	0 0	7 25	1 55	25 7	14 29	23 34	23 34	16 35	16 8	5 51
S 22	23 33	12 56	4 50	21 14	1 15	16 39	1 16	6 28	0 41	23 1	0 12	20 3	1 1	21 50	0 0	7 25	1 54	25 7	14 30	23 34	23 34	16 33	16 7	5 51
M23	23 31	17 5	4 13	20 59	1 34	16 23	1 29	6 40	0 42	23 2	0 12	20 1	1 1	21 50	0 0	7 25	1 54	25 8	14 30	23 34	23 34	16 31	16 7	5 51
T 24	23 28	20 22	3 24	20 45	1 53	16 7	1 42	6 52	0 43	23 3	0 12	20 0	1 1	21 51	0 0	7 25	1 54	25 9	14 31	23 34	23 34	16 28	16 6	5 51
W25	23 25	22 38	2 27	20 33	2 11	15 51	1 55	7 4	0 44	23 4	0 12	19 58	1 1	21 51	0 0	7 25	1 54	25 10	14 31	23 34	23 34	16 26	16 5	5 51
T 26	23 22	23 46	1 23	20 23	2 29	15 35	2 8	7 16	0 45	23 5	0 12	19 56	1 1	21 52	0 0	7 25	1 54	25 10	14 32	23 34	23 34	16 24	16 5	5 51
F 27	23 18	23 45	0 17	20 14	2 44	15 20	2 21	7 28	0 46	23 6	0 12	19 55	1 1	21 52	0 0	7 25	1 54	25 11	14 32	23 34	23 33	16 22	16 4	5 51
S 28	23 13	22 38	0n49	20 7	2 58	15 5	2 35	7 40	0 47	23 7	0 12	19 53	1 1	21 53	0 0	7 25	1 54	25 12	14 33	23 34	23 33	16 19	16 3	5 51
S 29	23 9	20 30	1 53	20 1	3 10	14 50	2 49	7 52	0 48	23 8	0 12	19 51	1 1	21 53	0 0	7 25	1 54	25 12	14 33	23 34	23 33	16 17	16 3	5 51
M30	23 3	17 30	2 51	19 58	3 19	14 36	3 3	8 4	0 49	23 9	0 12	19 50	1 1	21 54	0 0	7 25	1 54	25 13	14 33	23 34	23 33	16 15	16 2	5 51
T 31	22s57	13s49	3n42	19s56	3n26	14s22	3n18	8n16	0n50	23s10	0n12	19s48	1s 1	21s54	0n 0	7n25	1s54	25n14	14n34	23s34	23s33	16s13	16s 1	5n51

Julian Day Number = 1986563.5, Delta T = 56m46s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'25, Lahiri = 6°07'25 Julian Calendar 1 Dec. 726 == Greg. Calendar 5 Dec. 726

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ASTRODIENST EPHEMERIS for the year 727
geocentric

JANUARY 727 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 53 17	14♉ 5'07	23♒36	6°R48	11°R 6	19♈31	22♐11	6♒29	8♐48	23♈29	29°R38	27°R 6	26♐16	4♒29	22♉ 6	W 1
T 2	6 57 14	15° 6'11	5♓28	5♉42	11♒ 0	20° 1	22°24	6°36	8°51	23°29	29♌37	27♐ 3	26°12	4°36	22°11	T 2
F 3	7 1 10	16° 7'13	17°27	4°43	10°52	20°31	22°38	6°43	8°54	23°29	29°36	27° 1	26° 9	4°42	22°15	F 3
S 4	7 5 7	17° 8'15	29°36	3°53	10°41	21° 1	22°51	6°50	8°57	23°29	29°34	26°59	26° 6	4°49	22°20	S 4
S 5	7 9 3	18° 9'15	12♈ 0	3°11	10°27	21°31	23° 4	6°57	9° 0	23°29	29°33	26°58	26° 3	4°56	22°25	S 5
M 6	7 13 0	19°10'15	24°41	2°38	10°11	22° 2	23°17	7° 4	9° 3	23°29	29°32	26°D58	26° 0	5° 2	22°30	M 6
T 7	7 16 56	20°11'12	7♉45	2°14	9°52	22°32	23°30	7°11	9° 6	23°30	29°31	26°59	25°56	5° 9	22°35	T 7
W 8	7 20 53	21°12'09	21°14	1°58	9°31	23° 3	23°43	7°18	9° 9	23°30	29°30	27° 0	25°53	5°16	22°40	W 8
T 9	7 24 49	22°13'04	5♊11	1°D51	9° 8	23°34	23°57	7°25	9°12	23°30	29°29	27° 2	25°50	5°22	22°45	T 9
F 10	7 28 46	23°13'58	19°35	1°51	8°42	24° 5	24°10	7°32	9°15	23°31	29°28	27°R 3	25°47	5°29	22°49	F 10
S 11	7 32 43	24°14'51	4♋23	2° 0	8°14	24°36	24°22	7°39	9°18	23°31	29°26	27° 3	25°44	5°36	22°54	S 11
S 12	7 36 39	25°15'42	19°30	2°14	7°45	25° 8	24°35	7°46	9°21	23°31	29°25	27° 1	25°41	5°42	22°59	S 12
M13	7 40 36	26°16'32	4♌46	2°36	7°13	25°39	24°48	7°53	9°23	23°32	29°24	26°58	25°37	5°49	23° 4	M13
T 14	7 44 32	27°17'20	20° 0	3° 3	6°41	26°11	25° 1	8° 0	9°26	23°32	29°23	26°54	25°34	5°56	23° 9	T 14
W15	7 48 29	28°18'08	5♍ 4	3°35	6° 6	26°43	25°14	8° 8	9°29	23°33	29°21	26°50	25°31	6° 2	23°14	W15
T 16	7 52 25	29°18'54	19°47	4°12	5°31	27°14	25°26	8°15	9°32	23°33	29°20	26°45	25°28	6° 9	23°18	T 16
F 17	7 56 22	0♒19'39	4♎ 5	4°54	4°55	27°46	25°39	8°22	9°34	23°34	29°19	26°41	25°25	6°16	23°23	F 17
S 18	8 0 18	1°20'23	17°55	5°40	4°18	28°19	25°52	8°29	9°37	23°34	29°17	26°39	25°22	6°22	23°28	S 18
S 19	8 4 15	2°21'06	1♏18	6°30	3°40	28°51	26° 4	8°37	9°39	23°35	29°16	26°D38	25°18	6°29	23°33	S 19
M20	8 8 12	3°21'48	14°15	7°23	3° 3	29°23	26°17	8°44	9°42	23°36	29°15	26°39	25°15	6°36	23°38	M20
T 21	8 12 8	4°22'28	26°51	8°19	2°26	29°56	26°29	8°51	9°44	23°36	29°13	26°40	25°12	6°42	23°42	T 21
W22	8 16 5	5°23'08	9♐10	9°18	1°49	0♉28	26°41	8°58	9°47	23°37	29°12	26°42	25° 9	6°49	23°47	W22
T 23	8 20 1	6°23'46	21°16	10°20	1°13	1° 1	26°54	9° 5	9°49	23°38	29°10	26°R43	25° 6	6°56	23°52	T 23
F 24	8 23 58	7°24'23	3♑13	11°24	0°37	1°34	27° 6	9°13	9°52	23°39	29° 9	26°43	25° 2	7° 3	23°57	F 24
S 25	8 27 54	8°24'58	15° 5	12°31	0° 3	2° 6	27°18	9°20	9°54	23°39	29° 8	26°41	24°59	7° 9	24° 2	S 25
S 26	8 31 51	9°25'32	26°54	13°40	29♑30	2°39	27°30	9°27	9°56	23°40	29° 6	26°37	24°56	7°16	24° 6	S 26
M27	8 35 47	10°26'04	8♒43	14°51	28°58	3°12	27°42	9°35	9°59	23°41	29° 5	26°31	24°53	7°23	24°11	M27
T 28	8 39 44	11°26'35	20°34	16° 3	28°29	3°46	27°54	9°42	10° 1	23°42	29° 3	26°23	24°50	7°29	24°16	T 28
W29	8 43 41	12°27'04	2♓27	17°17	28° 1	4°19	28° 6	9°49	10° 3	23°43	29° 2	26°14	24°47	7°36	24°20	W29
T 30	8 47 37	13°27'31	14°26	18°33	27°35	4°52	28°17	9°56	10° 5	23°44	29° 0	26° 4	24°43	7°43	24°25	T 30
F 31	8 51 34	14♒27'56	26♓31	19♑51	27♑11	5♉26	28♐29	10♒ 4	10♐ 7	23♈45	28♌59	25♐55	24♐40	7♒49	24♑30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s51	9s36	4n23	19s55	3n31	14s 9	3n32	8n28	0n51	23s11	0n11	19s46	1s 1	21s55	0n 0	7n25	1s54	25n15	14n34	23s34	23s33	16s10	16s 1	5n51	W 1
T 2	22 44	5 1	4 54	19 56	3 33	13 57	3 47	8 40	0 52	23 12	0 11	19 45	1 2	21 55	0 0	7 25	1 54	25 15	14 35	23 34	23 33	16 8	16 0	5 51	T 2
F 3	22 37	0 13	5 11	19 59	3 32	13 45	4 2	8 52	0 53	23 13	0 11	19 43	1 2	21 56	0 0	7 25	1 54	25 16	14 35	23 34	23 33	16 6	15 59	5 51	F 3
S 4	22 30	4n39	5 15	20 3	3 30	13 33	4 17	9 5	0 53	23 13	0 11	19 41	1 2	21 56	0 0	7 25	1 54	25 17	14 35	23 34	23 33	16 4	15 58	5 50	S 4
S 5	22 22	9 26	5 5	20 8	3 26	13 23	4 32	9 17	0 54	23 14	0 11	19 39	1 2	21 57	0 0	7 26	1 54	25 18	14 36	23 34	23 33	16 1	15 58	5 50	S 5
M 6	22 13	13 57	4 39	20 14	3 20	13 13	4 46	9 29	0 55	23 15	0 11	19 38	1 2	21 57	0 0	7 26	1 54	25 18	14 36	23 34	23 33	15 59	15 57	5 50	M 6
T 7	22 4	17 57	3 59	20 22	3 13	13 4	5 1	9 41	0 56	23 16	0 11	19 36	1 2	21 58	0 0	7 26	1 53	25 19	14 36	23 34	23 32	15 57	15 56	5 50	T 7
W 8	21 55	21 10	3 5	20 30	3 5	12 55	5 16	9 54	0 57	23 16	0 11	19 34	1 2	21 58	0 0	7 26	1 53	25 20	14 37	23 34	23 32	15 55	15 55	5 50	W 8
T 9	21 45	23 14	1 57	20 39	2 57	12 47	5 30	10 6	0 57	23 17	0 11	19 32	1 2	21 59	0 0	7 26	1 53	25 21	14 37	23 34	23 32	15 52	15 55	5 50	T 9
F 10	21 35	23 52	0 41	20 48	2 47	12 40	5 44	10 18	0 58	23 18	0 11	19 31	1 2	21 59	0 0	7 26	1 53	25 21	14 37	23 34	23 32	15 50	15 54	5 50	F 10
S 11	21 25	22 52	0s40	20 58	2 37	12 34	5 58	10 30	0 59	23 18	0 11	19 29	1 2	21 59	0 0	7 26	1 53	25 22	14 38	23 34	23 32	15 48	15 53	5 50	S 11
S 12	21 14	20 12	2 0	21 9	2 26	12 28	6 11	10 43	0 59	23 19	0 10	19 27	1 2	22 0	0 0	7 27	1 53	25 23	14 38	23 34	23 32	15 46	15 52	5 50	S 12
M13	21 2	16 6	3 12	21 19	2 16	12 24	6 24	10 55	1 0	23 20	0 10	19 25	1 2	22 0	0 0	7 27	1 53	25 24	14 38	23 34	23 32	15 43	15 51	5 51	M13
T 14	20 51	10 57	4 11	21 29	2 5	12 20	6 37	11 7	1 1	23 20	0 10	19 23	1 2	22 1	0 0	7 27	1 53	25 24	14 39	23 34	23 32	15 41	15 50	5 51	T 14
W15	20 39	5 13	4 51	21 40	1 54	12 17	6 48	11 19	1 1	23 21	0 10	19 21	1 2	22 1	0 0	7 27	1 53	25 25	14 39	23 34	23 32	15 39	15 50	5 51	W15
T 16	20 26	0s41	5 10	21 49	1 43	12 14	6 59	11 31	1 2	23 21	0 10	19 20	1 2	22 2	0 0	7 28	1 53	25 26	14 39	23 34	23 32	15 36	15 49	5 51	T 16
F 17	20 13	6 22	5 10	21 59	1 32	12 13	7 10	11 44	1 3	23 22	0 10	19 18	1 2	22 2	0 0	7 28	1 53	25 27	14 40	23 34	23 31	15 34	15 48	5 51	F 17
S 18	20 0	11 34	4 51	22 8	1 21	12 12	7 19	11 56	1 3	23 22	0 10	19 16	1 2	22 2	0 0	7 28	1 53	25 27	14 40	23 34	23 31	15 32	15 47	5 51	S 18
S 19	19 46	16 1	4 17	22 17	1 10	12 12	7 28	12 8	1 4	23 23	0 10	19 14	1 2	22 3	0 0	7 28	1 53	25 28	14 40	23 34	23 31	15 30	15 46	5 51	S 19
M20	19 32	19 35	3 31	22 24	0 59	12 13	7 36	12 20	1 4	23 23	0 10	19 12	1 2	22 3	0 0	7 29	1 53	25 29	14 41	23 34	23 31	15 27	15 45	5 51	M20
T 21	19 18	22 7	2 36	22 32	0 49	12 14	7 43	12 32	1 5	23 24	0 10	19 10	1 2	22 4	0 0	7 29	1 53	25 30	14 41	23 34	23 31	15 25	15 45	5 51	T 21
W22	19 3	23 32	1 34	22 38	0 39	12 16	7 49	12 44	1 6	23 24	0 10	19 8	1 2	22 4	0 0	7 29	1 52	25 30	14 41	23 34	23 31	15 23	15 44	5 51	W22
T 23	18 48	23 48	0 30	22 43	0 29	12 19	7 54	12 56	1 6	23 25	0 9	19 7	1 3	22 4	0 0	7 30	1 52	25 31	14 41	23 34	23 31	15 20	15 43	5 51	T 23
F 24	18 33	22 59	0n35	22 48	0 19	12 22	7 59	13 8	1 7	23 25	0 9	19 5	1 3	22 5	0 0	7 30	1 52	25 32	14 42	23 34	23 31	15 18	15 42	5 51	F 24
S 25	18 17	21 7	1 38	22 51	0 9	12 25	8 2	13 20	1 7	23 25	0 9	19 3	1 3	22 5	0 0	7 30	1 52	25 33	14 42	23 34	23 30	15 16	15 41	5 51	S 25
S 26	18 1	18 22	2 36	22 54	0s 0	12 30	8 4	13 32	1 8	23 26	0 9	19 1	1 3	22 5	0 0	7 31	1 52	25 34	14 42	23 34	23 30	15 14	15 40	5 51	S 26
M27	17 45	14 52	3 28	22 55	0 9	12 34	8 6	13 44	1 8	23 26	0 9	18 59	1 3	22 6	0 0	7 31	1 52	25 34	14 42	23 33	23 30	15 11	15 39	5 52	M27
T 28	17 28	10 47	4 10	22 56	0 18	12 40	8 7	13 56	1 9	23 26	0 9	18 57	1 3	22 6	0 0	7 32	1 52	25 35	14 43	23 33	23 30	15 9	15 38	5 52	T 28
W29	17 11	6 18	4 41	22 55	0 26	12 45	8 7	14 8	1 9	23 26	0 9	18 55	1 3	22 6	0 0	7 32	1 52	25 36	14 43	23 33	23 30	15 7	15 37	5 52	W29
T 30	16 54	1 33	5 1	22 53	0 35	12 51	8 6	14 20	1 10	23 27	0 9	18 53	1 3	22 7	0 0	7 32	1 52	25 37	14 43	23 33	23 30	15 4	15 36	5 52	T 30
F 31	16s36	3n18	5n 7	22s50	0s43	12s57	8n 4	14n31	1n10	23s27	0n 9	18s51	1s 3	22s 7	0n 0	7n33	1s52	25n37	14n43	23s32	23s30	15s 2	15s35	5n52	F 31

Julian Day Number = 1986594.5, Delta T = 56m46s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'29, Lahiri = 6°07'29 Julian Calendar 1 Jan. 727 == Greg. Calendar 5 Jan. 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

FEBRUARY 727 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 55 30	15♒28'19	8♈44	21♑10	26°R49	5♉59	28♐41	10♒11	10♐ 9	23♈46	28°R57	25°R48	24♐37	7♒56	24♑34	S 1
S 2	8 59 27	16°28'40	21° 9	22°30	26♑30	6°33	28°52	10°18	10°11	23°47	28♏56	25♐42	24°34	8° 3	24°39	S 2
M 3	9 3 23	17°28'59	3♉49	23°52	26°13	7° 7	29° 4	10°25	10°13	23°48	28°54	25°39	24°31	8° 9	24°43	M 3
T 4	9 7 20	18°29'16	16°47	25°15	25°59	7°40	29°15	10°32	10°15	23°49	28°52	25°D38	24°28	8°16	24°48	T 4
W 5	9 11 16	19°29'32	0♊ 6	26°40	25°47	8°14	29°26	10°40	10°17	23°51	28°51	25°38	24°24	8°23	24°52	W 5
T 6	9 15 13	20°29'45	13°50	28° 6	25°37	8°48	29°37	10°47	10°19	23°52	28°49	25°39	24°21	8°29	24°57	T 6
F 7	9 19 10	21°29'55	28° 0	29°33	25°30	9°22	29°48	10°54	10°20	23°53	28°48	25°R40	24°18	8°36	25° 1	F 7
S 8	9 23 6	22°30'04	12♋35	1♒ 1	25°25	9°56	29°59	11° 1	10°22	23°54	28°46	25°39	24°15	8°43	25° 6	S 8
S 9	9 27 3	23°30'11	27°32	2°30	25°D23	10°30	0♑10	11° 8	10°24	23°56	28°45	25°35	24°12	8°49	25°10	S 9
M10	9 30 59	24°30'15	12♌43	4° 0	25°23	11° 4	0°21	11°16	10°25	23°57	28°43	25°29	24° 8	8°56	25°15	M10
T 11	9 34 56	25°30'18	28° 1	5°32	25°26	11°39	0°32	11°23	10°27	23°58	28°41	25°21	24° 5	9° 3	25°19	T 11
W12	9 38 52	26°30'18	13♍12	7° 5	25°31	12°13	0°42	11°30	10°28	24° 0	28°40	25°12	24° 2	9°10	25°23	W12
T 13	9 42 49	27°30'17	28° 7	8°39	25°38	12°47	0°53	11°37	10°30	24° 1	28°38	25° 2	23°59	9°16	25°28	T 13
F 14	9 46 45	28°30'14	12♎37	10°14	25°48	13°22	1° 3	11°44	10°31	24° 2	28°37	24°53	23°56	9°23	25°32	F 14
S 15	9 50 42	29°30'09	26°39	11°50	25°59	13°56	1°14	11°51	10°33	24° 4	28°35	24°47	23°53	9°30	25°36	S 15
S 16	9 54 38	0♓30'02	10♏10	13°27	26°13	14°31	1°24	11°58	10°34	24° 5	28°33	24°43	23°49	9°36	25°40	S 16
M17	9 58 35	1°29'54	23°13	15° 6	26°29	15° 5	1°34	12° 5	10°35	24° 7	28°32	24°41	23°46	9°43	25°44	M17
T 18	10 2 32	2°29'44	5♐50	16°45	26°47	15°40	1°44	12°12	10°36	24° 8	28°30	24°D41	23°43	9°50	25°48	T 18
W19	10 6 28	3°29'32	18° 8	18°26	27° 7	16°15	1°54	12°19	10°37	24°10	28°29	24°41	23°40	9°56	25°53	W19
T 20	10 10 25	4°29'18	0♑11	20° 8	27°29	16°49	2° 3	12°26	10°39	24°12	28°27	24°R41	23°37	10° 3	25°57	T 20
F 21	10 14 21	5°29'03	12° 4	21°51	27°52	17°24	2°13	12°33	10°40	24°13	28°26	24°39	23°33	10°10	26° 1	F 21
S 22	10 18 18	6°28'46	23°53	23°36	28°18	17°59	2°23	12°40	10°41	24°15	28°24	24°36	23°30	10°16	26° 5	S 22
S 23	10 22 14	7°28'27	5♒40	25°21	28°44	18°34	2°32	12°47	10°42	24°16	28°22	24°29	23°27	10°23	26° 9	S 23
M24	10 26 11	8°28'05	17°30	27° 8	29°13	19° 9	2°41	12°53	10°43	24°18	28°21	24°20	23°24	10°30	26°12	M24
T 25	10 30 7	9°27'42	29°24	28°56	29°43	19°44	2°51	13° 0	10°43	24°20	28°19	24° 8	23°21	10°36	26°16	T 25
W26	10 34 4	10°27'17	11♓25	0♓45	0♒15	20°19	3° 0	13° 7	10°44	24°22	28°18	23°54	23°18	10°43	26°20	W26
T 27	10 38 1	11°26'50	23°33	2°36	0°48	20°54	3° 9	13°14	10°45	24°23	28°16	23°40	23°14	10°50	26°24	T 27
F 28	10 41 57	12♓26'20	5♈49	4♓28	1♒22	21♉29	3♑17	13♒20	10♐46	24♈25	28♏15	23♐27	23♐11	10♒56	26♑28	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	16s18	8n 4	4n59	22s45	0s50	13s 3	8n 1	14n43	1n10	23s27	0n 9	18s50	1s 3	22s 7	0n 0	7n33	1s52	25n38	14n43	23s32	23s30	15s 0	15s35	5n52	S 1
S 2	16 0	12 35	4 38	22 39	0 58	13 10	7 58	14 55	1 11	23 27	0 9	18 48	1 3	22 8	0 0	7 34	1 52	25 39	14 43	23 32	23 29	14 57	15 34	5 52	S 2
M 3	15 42	16 40	4 2	22 32	1 5	13 17	7 54	15 6	1 11	23 27	0 9	18 46	1 3	22 8	0 0	7 34	1 52	25 39	14 44	23 32	23 29	14 55	15 33	5 53	M 3
T 4	15 23	20 3	3 13	22 24	1 11	13 24	7 50	15 18	1 12	23 28	0 8	18 44	1 3	22 8	0 0	7 35	1 52	25 40	14 44	23 32	23 29	14 53	15 32	5 53	T 4
W 5	15 5	22 29	2 13	22 14	1 18	13 31	7 45	15 29	1 12	23 28	0 8	18 42	1 3	22 9	0 0	7 35	1 52	25 41	14 44	23 32	23 29	14 50	15 31	5 53	W 5
T 6	14 45	23 40	1 3	22 3	1 24	13 38	7 39	15 40	1 12	23 28	0 8	18 40	1 4	22 9	0 0	7 36	1 52	25 42	14 44	23 32	23 29	14 48	15 30	5 53	T 6
F 7	14 26	23 23	0s13	21 51	1 29	13 45	7 33	15 52	1 13	23 28	0 8	18 38	1 4	22 9	0 0	7 36	1 52	25 42	14 44	23 32	23 29	14 46	15 29	5 53	F 7
S 8	14 6	21 31	1 29	21 37	1 35	13 52	7 27	16 3	1 13	23 28	0 8	18 36	1 4	22 9	0 0	7 37	1 51	25 43	14 44	23 32	23 29	14 43	15 28	5 53	S 8
S 9	13 47	18 9	2 42	21 21	1 40	13 59	7 20	16 14	1 14	23 28	0 8	18 34	1 4	22 10	0 0	7 37	1 51	25 44	14 44	23 32	23 29	14 41	15 27	5 54	S 9
M10	13 27	13 31	3 44	21 5	1 44	14 6	7 13	16 25	1 14	23 28	0 8	18 32	1 4	22 10	0 0	7 38	1 51	25 44	14 45	23 32	23 28	14 39	15 26	5 54	M10
T 11	13 6	8 1	4 31	20 46	1 49	14 13	7 6	16 36	1 14	23 28	0 8	18 30	1 4	22 10	0 0	7 38	1 51	25 45	14 45	23 31	23 28	14 36	15 25	5 54	T 11
W12	12 46	2 4	4 57	20 27	1 53	14 20	6 58	16 47	1 15	23 28	0 8	18 29	1 4	22 10	0 0	7 39	1 51	25 46	14 45	23 31	23 28	14 34	15 24	5 54	W12
T 13	12 25	3s53	5 4	20 6	1 56	14 27	6 50	16 58	1 15	23 28	0 8	18 27	1 4	22 10	0 0	7 39	1 51	25 46	14 45	23 31	23 28	14 32	15 23	5 54	T 13
F 14	12 5	9 28	4 50	19 43	1 59	14 33	6 42	17 9	1 15	23 28	0 8	18 25	1 4	22 11	0s 0	7 40	1 51	25 47	14 45	23 30	23 28	14 29	15 22	5 55	F 14
S 15	11 43	14 21	4 19	19 19	2 2	14 39	6 33	17 20	1 15	23 28	0 7	18 23	1 4	22 11	0 0	7 41	1 51	25 48	14 45	23 30	23 28	14 27	15 21	5 55	S 15
S 16	11 22	18 21	3 34	18 53	2 5	14 45	6 25	17 30	1 16	23 28	0 7	18 21	1 4	22 11	0 0	7 41	1 51	25 48	14 45	23 30	23 27	14 25	15 20	5 55	S 16
M17	11 1	21 16	2 40	18 26	2 7	14 51	6 16	17 41	1 16	23 28	0 7	18 19	1 5	22 11	0 0	7 42	1 51	25 49	14 45	23 30	23 27	14 22	15 19	5 55	M17
T 18	10 39	23 3	1 39	17 57	2 8	14 56	6 7	17 52	1 16	23 28	0 7	18 17	1 5	22 11	0 0	7 42	1 51	25 49	14 45	23 30	23 27	14 20	15 18	5 56	T 18
W19	10 18	23 39	0 35	17 27	2 9	15 1	5 58	18 2	1 17	23 28	0 7	18 15	1 5	22 12	0 0	7 43	1 51	25 50	14 45	23 30	23 27	14 17	15 17	5 56	W19
T 20	9 56	23 7	0n29	16 56	2 10	15 6	5 49	18 12	1 17	23 28	0 7	18 14	1 5	22 12	0 0	7 44	1 51	25 51	14 45	23 30	23 27	14 15	15 16	5 56	T 20
F 21	9 34	21 32	1 31	16 22	2 10	15 10	5 40	18 22	1 17	23 28	0 7	18 12	1 5	22 12	0 0	7 44	1 51	25 51	14 45	23 30	23 27	14 13	15 15	5 56	F 21
S 22	9 12	19 2	2 29	15 48	2 10	15 14	5 31	18 33	1 17	23 28	0 7	18 10	1 5	22 12	0 0	7 45	1 51	25 52	14 45	23 30	23 27	14 10	15 14	5 57	S 22
S 23	8 49	15 46	3 19	15 11	2 9	15 18	5 22	18 43	1 18	23 28	0 7	18 8	1 5	22 12	0 0	7 46	1 51	25 52	14 45	23 29	23 26	14 8	15 13	5 57	S 23
M24	8 27	11 52	4 1	14 33	2 8	15 21	5 13	18 53	1 18	23 28	0 7	18 6	1 5	22 12	0 0	7 46	1 51	25 53	14 45	23 29	23 26	14 6	15 12	5 57	M24
T 25	8 5	7 29	4 33	13 54	2 7	15 24	5 4	19 2	1 18	23 28	0 6	18 4	1 5	22 13	0 0	7 47	1 51	25 54	14 45	23 28	23 26	14 3	15 11	5 58	T 25
W26	7 42	2 49	4 53	13 13	2 5	15 26	4 55	19 12	1 18	23 28	0 6	18 2	1 5	22 13	0 0	7 48	1 51	25 54	14 45	23 28	23 26	14 1	15 10	5 58	W26
T 27	7 19	2n 1	5 0	12 31	2 2	15 28	4 45	19 22	1 18	23 28	0 6	18 1	1 6	22 13	0 0	7 48	1 51	25 55	14 45	23 27	23 26	13 59	15 9	5 58	T 27
F 28	6s56	6n49	4n53	11s47	1s59	15s30	4n36	19n31	1n19	23s28	0n 6	17s59	1s 6	22s13	0s 0	7n49	1s50	25n55	14n45	23s26	23s26	13s56	15s 8	5n58	F 28

Julian Day Number = 1986625.5, Delta T = 56m45s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'33, Lahiri = 6°07'33 Julian Calendar 1 Feb. 727 == Greg. Calendar 5 Feb. 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

MARCH 727 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 45 54	13♓25'49	18♈15	6♓21	1♒58	22♉ 4	3♋26	13♒27	10♐46	24♈27	28°R13	23°R15	23♐ 8	11♒ 3	26♋31	S 1
S 2	10 49 50	14°25'15	0♉51	8°15	2°34	22°40	3°35	13°33	10°47	24°29	28♌12	23♐ 6	23° 5	11°10	26°35	S 2
M 3	10 53 47	15°24'39	13°38	10°11	3°13	23°15	3°43	13°40	10°47	24°30	28°10	23° 0	23° 2	11°17	26°39	M 3
T 4	10 57 43	16°24'00	26°40	12° 8	3°52	23°50	3°51	13°47	10°48	24°32	28° 9	22°57	22°59	11°23	26°42	T 4
W 5	11 1 40	17°23'20	9♊57	14° 6	4°32	24°25	3°59	13°53	10°48	24°34	28° 7	22°56	22°55	11°30	26°46	W 5
T 6	11 5 36	18°22'36	23°34	16° 5	5°14	25° 1	4° 8	13°59	10°49	24°36	28° 6	22°56	22°52	11°37	26°49	T 6
F 7	11 9 33	19°21'51	7♋31	18° 5	5°56	25°36	4°15	14° 6	10°49	24°38	28° 4	22°56	22°49	11°43	26°52	F 7
S 8	11 13 30	20°21'03	21°49	20° 6	6°40	26°12	4°23	14°12	10°49	24°40	28° 3	22°54	22°46	11°50	26°56	S 8
S 9	11 17 26	21°20'12	6♌27	22° 8	7°24	26°47	4°31	14°19	10°50	24°42	28° 1	22°49	22°43	11°57	26°59	S 9
M10	11 21 23	22°19'20	21°20	24°11	8° 9	27°23	4°38	14°25	10°50	24°44	28° 0	22°42	22°39	12° 3	27° 2	M10
T 11	11 25 19	23°18'25	6♍21	26°14	8°56	27°58	4°46	14°31	10°50	24°46	27°58	22°32	22°36	12°10	27° 6	T 11
W12	11 29 16	24°17'27	21°21	28°18	9°43	28°34	4°53	14°37	10°50	24°48	27°57	22°21	22°33	12°17	27° 9	W12
T 13	11 33 12	25°16'28	6♎10	0♈23	10°30	29° 9	5° 0	14°43	10°R50	24°50	27°56	22°10	22°30	12°23	27°12	T 13
F 14	11 37 9	26°15'26	20°39	2°27	11°19	29°45	5° 7	14°49	10°50	24°52	27°54	21°59	22°27	12°30	27°15	F 14
S 15	11 41 5	27°14'23	4♏43	4°31	12° 9	0♊21	5°13	14°55	10°50	24°54	27°53	21°51	22°24	12°37	27°18	S 15
S 16	11 45 2	28°13'17	18°19	6°34	12°59	0°56	5°20	15° 1	10°50	24°56	27°52	21°45	22°20	12°44	27°21	S 16
M17	11 48 59	29°12'10	1♐27	8°37	13°50	1°32	5°27	15° 7	10°49	24°58	27°50	21°41	22°17	12°50	27°24	M17
T 18	11 52 55	0♈11'02	14° 9	10°38	14°41	2° 8	5°33	15°13	10°49	25° 0	27°49	21°40	22°14	12°57	27°27	T 18
W19	11 56 52	1° 9'51	26°30	12°38	15°33	2°43	5°39	15°19	10°49	25° 2	27°48	21°40	22°11	13° 4	27°29	W19
T 20	12 0 48	2° 8'39	8♑36	14°36	16°26	3°19	5°45	15°25	10°49	25° 4	27°46	21°40	22° 8	13°10	27°32	T 20
F 21	12 4 45	3° 7'24	20°30	16°32	17°19	3°55	5°51	15°30	10°48	25° 6	27°45	21°39	22° 5	13°17	27°35	F 21
S 22	12 8 41	4° 6'08	2♒20	18°25	18°13	4°31	5°57	15°36	10°48	25° 8	27°44	21°36	22° 1	13°24	27°37	S 22
S 23	12 12 38	5° 4'51	14° 9	20°15	19° 8	5° 7	6° 2	15°42	10°47	25°11	27°43	21°30	21°58	13°30	27°40	S 23
M24	12 16 34	6° 3'31	26° 1	22° 2	20° 3	5°43	6° 7	15°47	10°47	25°13	27°42	21°21	21°55	13°37	27°42	M24
T 25	12 20 31	7° 2'09	8♓ 1	23°45	20°59	6°18	6°13	15°53	10°46	25°15	27°40	21°11	21°52	13°44	27°45	T 25
W26	12 24 27	8° 0'46	20°10	25°25	21°55	6°54	6°18	15°58	10°45	25°17	27°39	20°58	21°49	13°50	27°47	W26
T 27	12 28 24	8°59'21	2♈29	27° 0	22°51	7°30	6°22	16° 3	10°45	25°19	27°38	20°45	21°45	13°57	27°49	T 27
F 28	12 32 21	9°57'53	15° 0	28°31	23°48	8° 6	6°27	16° 9	10°44	25°21	27°37	20°33	21°42	14° 4	27°52	F 28
S 29	12 36 17	10°56'24	27°42	29°58	24°46	8°42	6°32	16°14	10°43	25°24	27°36	20°22	21°39	14°11	27°54	S 29
S 30	12 40 14	11°54'53	10♉36	1♉21	25°43	9°18	6°36	16°19	10°42	25°26	27°35	20°14	21°36	14°17	27°56	S 30
M31	12 44 10	12♈53'20	23♉40	2♉38	26♒42	9♊54	6♋40	16♒24	10♐42	25♈28	27♌34	20♐ 8	21♐33	14♒24	27♋58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	6s33	11n24	4n33	11s 2	1s55	15s31	4n27	19n41	1n19	23s27	0n 6	17s57	1s 6	22s13	0s 0	7n50	1s50	25n56	14n45	23s26	23s25	13s54	15s 7	5n59	
S 2	6 10	15 34	3 58	10 15	1 51	15 32	4 18	19 50	1 19	23 27	0 6	17 55	1 6	22 13	0 0	7 50	1 50	25 56	14 45	23 25	23 25	13 51	15 6	5 59	
M 3	5 47	19 5	3 12	9 26	1 46	15 32	4 9	19 59	1 19	23 27	0 6	17 53	1 6	22 13	0 0	7 51	1 50	25 57	14 45	23 25	23 25	13 49	15 5	5 59	
T 4	5 24	21 43	2 14	8 37	1 41	15 31	4 0	20 8	1 19	23 27	0 6	17 52	1 6	22 13	0 0	7 52	1 50	25 57	14 45	23 25	23 25	13 47	15 4	6 0	
W 5	5 1	23 13	1 8	7 46	1 35	15 31	3 52	20 17	1 20	23 27	0 6	17 50	1 6	22 13	0 0	7 53	1 50	25 58	14 45	23 25	23 25	13 44	15 4	6 0	
T 6	4 38	23 23	0s 3	6 54	1 29	15 29	3 43	20 26	1 20	23 27	0 6	17 48	1 6	22 13	0 0	7 53	1 50	25 58	14 45	23 25	23 25	13 42	15 3	6 0	
F 7	4 14	22 7	1 16	6 0	1 22	15 28	3 34	20 35	1 20	23 27	0 6	17 46	1 7	22 13	0 0	7 54	1 50	25 59	14 45	23 25	23 24	13 39	15 2	6 1	
S 8	3 51	19 25	2 26	5 5	1 15	15 25	3 25	20 44	1 20	23 26	0 5	17 45	1 7	22 13	0 0	7 55	1 50	25 59	14 44	23 25	23 24	13 37	15 1	6 1	
S 9	3 27	15 26	3 28	4 10	1 7	15 22	3 17	20 52	1 20	23 26	0 5	17 43	1 7	22 14	0 0	7 55	1 50	25 59	14 44	23 24	23 24	13 35	15 0	6 1	
M10	3 4	10 26	4 17	3 13	0 58	15 19	3 8	21 1	1 20	23 26	0 5	17 41	1 7	22 14	0 0	7 56	1 50	26 0	14 44	23 24	23 24	13 32	14 59	6 2	
T 11	2 41	4 47	4 49	2 15	0 49	15 15	3 0	21 9	1 20	23 26	0 5	17 39	1 7	22 14	0 0	7 57	1 50	26 0	14 44	23 24	23 24	13 30	14 58	6 2	
W12	2 17	1s 8	5 0	1 17	0 40	15 11	2 52	21 17	1 21	23 26	0 5	17 38	1 7	22 14	0 0	7 58	1 50	26 1	14 44	23 23	23 24	13 28	14 57	6 2	
T 13	1 53	6 55	4 51	0 18	0 30	15 6	2 44	21 25	1 21	23 26	0 5	17 36	1 7	22 14	0 0	7 58	1 50	26 1	14 44	23 22	23 23	13 25	14 56	6 3	
F 14	1 30	12 11	4 24	0n41	0 20	15 1	2 35	21 33	1 21	23 25	0 5	17 34	1 7	22 14	0 0	7 59	1 50	26 1	14 44	23 22	23 23	13 23	14 55	6 3	
S 15	1 6	16 39	3 41	1 40	0 9	14 55	2 27	21 41	1 21	23 25	0 5	17 33	1 8	22 14	0 0	8 0	1 50	26 2	14 43	23 21	23 23	13 20	14 54	6 3	
S 16	0 43	20 4	2 47	2 39	0n 2	14 48	2 19	21 48	1 21	23 25	0 5	17 31	1 8	22 14	0 0	8 1	1 50	26 2	14 43	23 21	23 23	13 18	14 53	6 4	
M17	0 19	22 18	1 45	3 38	0 13	14 41	2 12	21 56	1 21	23 25	0 4	17 30	1 8	22 14	0 0	8 2	1 50	26 2	14 43	23 20	23 23	13 16	14 52	6 4	
T 18	0n 4	23 19	0 40	4 37	0 25	14 34	2 4	22 3	1 21	23 25	0 4	17 28	1 8	22 14	0 0	8 2	1 50	26 3	14 43	23 20	23 22	13 13	14 51	6 4	
W19	0 28	23 8	0n26	5 35	0 36	14 26	1 56	22 11	1 21	23 25	0 4	17 26	1 8	22 14	0 0	8 3	1 50	26 3	14 43	23 20	23 22	13 11	14 50	6 5	
T 20	0 52	21 51	1 28	6 31	0 47	14 17	1 49	22 18	1 21	23 24	0 4	17 25	1 8	22 14	0 0	8 4	1 50	26 3	14 43	23 20	23 22	13 8	14 50	6 5	
F 21	1 15	19 37	2 26	7 27	0 59	14 8	1 41	22 25	1 21	23 24	0 4	17 23	1 8	22 13	0 0	8 5	1 50	26 3	14 42	23 20	23 22	13 6	14 49	6 6	
S 22	1 38	16 34	3 18	8 21	1 10	13 59	1 34	22 31	1 22	23 24	0 4	17 22	1 9	22 13	0 0	8 6	1 50	26 4	14 42	23 20	23 22	13 3	14 48	6 6	
S 23	2 2	12 52	4 0	9 13	1 21	13 49	1 27	22 38	1 22	23 24	0 4	17 20	1 9	22 13	0 0	8 6	1 50	26 4	14 42	23 20	23 21	13 1	14 47	6 6	
M24	2 25	8 39	4 33	10 3	1 32	13 38	1 20	22 45	1 22	23 24	0 4	17 19	1 9	22 13	0 0	8 7	1 50	26 4	14 42	23 19	23 21	12 59	14 46	6 7	
T 25	2 49	4 5	4 53	10 52	1 42	13 27	1 13	22 51	1 22	23 24	0 4	17 17	1 9	22 13	0 0	8 8	1 50	26 4	14 41	23 18	23 21	12 56	14 45	6 7	
W26	3 12	0n41	5 1	11 38	1 52	13 16	1 6	22 57	1 22	23 24	0 4	17 16	1 9	22 13	0 0	8 9	1 50	26 5	14 41	23 18	23 21	12 54	14 44	6 8	
T 27	3 35	5 30	4 55	12 22	2 2	13 4	0 59	23 3	1 22	23 24	0 3	17 14	1 9	22 13	0 0	8 10	1 50	26 5	14 41	23 17	23 21	12 51	14 44	6 8	
F 28	3 58	10 10	4 35	13 3	2 10	12 51	0 53	23 9	1 22	23 23	0 3	17 13	1 10	22 13	0 0	8 10	1 50	26 5	14 41	23 16	23 21	12 49	14 43	6 8	
S 29	4 21	14 28	4 0	13 42	2 18	12 38	0 46	23 15	1 22	23 23	0 3	17 11	1 10	22 13	0 0	8 11	1 50	26 5	14 41	23 15	23 20	12 47	14 42	6 9	
S 30	4 45	18 10	3 13	14 18	2 26	12 25	0 40	23 21	1 22	23 23	0 3	17 10	1 10	22 13	0 0	8 12	1 50	26 5	14 40	23 14	23 20	12 44	14 41	6 9	
M31	5n 7	21n 0	2n16	14n51	2n32	12s11	0n33	23n26	1n22	23s23	0n 3	17s 9	1s10	22s13	0s 0	8n13	1s50	26n 5	14n40	23s14	23s20	12s42	14s40	6n10	

Julian Day Number = 1986653.5, Delta T = 56m44s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'37, Lahiri = 6°07'37 Julian Calendar 1 March 727 == Greg. Calendar 5 March 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

APRIL 727 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 48 7	13♈51'44	6♊57	3♉51	27♒40	10♊31	6♑44	16♒29	10°R41	25♈30	27°R33	20°R 5	21♐30	14♒31	28♑ 0	T 1
W 2	12 52 3	14°50'07	20°25	4°59	28°39	11° 7	6°48	16°34	10♐40	25°32	27♌32	20°D 5	21°26	14°37	28° 2	W 2
T 3	12 56 0	15°48'27	4♋ 6	6° 1	29°39	11°43	6°52	16°39	10°39	25°35	27°31	20♐ 5	21°23	14°44	28° 4	T 3
F 4	12 59 56	16°46'46	18° 0	6°59	0♓38	12°19	6°55	16°44	10°38	25°37	27°30	20°R 5	21°20	14°51	28° 6	F 4
S 5	13 3 53	17°45'02	2♌ 8	7°51	1°38	12°55	6°58	16°48	10°36	25°39	27°29	20° 5	21°17	14°57	28° 8	S 5
S 6	13 7 50	18°43'16	16°29	8°38	2°39	13°31	7° 1	16°53	10°35	25°41	27°28	20° 2	21°14	15° 4	28° 9	S 6
M 7	13 11 46	19°41'27	1♍ 0	9°20	3°39	14° 7	7° 4	16°57	10°34	25°44	27°27	19°57	21°10	15°11	28°11	M 7
T 8	13 15 43	20°39'37	15°36	9°56	4°40	14°44	7° 7	17° 2	10°33	25°46	27°27	19°49	21° 7	15°17	28°12	T 8
W 9	13 19 39	21°37'45	0♎12	10°27	5°42	15°20	7°10	17° 6	10°32	25°48	27°26	19°41	21° 4	15°24	28°14	W 9
T 10	13 23 36	22°35'50	14°39	10°52	6°43	15°56	7°12	17°11	10°30	25°50	27°25	19°31	21° 1	15°31	28°15	T 10
F 11	13 27 32	23°33'54	28°52	11°12	7°45	16°32	7°14	17°15	10°29	25°53	27°24	19°23	20°58	15°38	28°17	F 11
S 12	13 31 29	24°31'57	12♏45	11°26	8°47	17° 9	7°16	17°19	10°27	25°55	27°24	19°16	20°55	15°44	28°18	S 12
S 13	13 35 25	25°29'58	26°14	11°36	9°50	17°45	7°18	17°23	10°26	25°57	27°23	19°12	20°51	15°51	28°19	S 13
M14	13 39 22	26°27'57	9♐20	11°R39	10°52	18°21	7°20	17°27	10°24	25°59	27°22	19° 9	20°48	15°58	28°20	M14
T 15	13 43 19	27°25'55	22° 3	11°38	11°55	18°58	7°21	17°31	10°23	26° 2	27°22	19°D 9	20°45	16° 4	28°22	T 15
W16	13 47 15	28°23'51	4♑27	11°32	12°59	19°34	7°23	17°35	10°21	26° 4	27°21	19°10	20°42	16°11	28°23	W16
T 17	13 51 12	29°21'46	16°35	11°21	14° 2	20°10	7°24	17°39	10°20	26° 6	27°20	19°11	20°39	16°18	28°24	T 17
F 18	13 55 8	0♉19'40	28°33	11° 5	15° 6	20°47	7°25	17°43	10°18	26° 8	27°20	19°R12	20°36	16°24	28°24	F 18
S 19	13 59 5	1°17'32	10♒24	10°46	16°10	21°23	7°25	17°46	10°16	26°11	27°19	19°11	20°32	16°31	28°25	S 19
S 20	14 3 1	2°15'23	22°16	10°23	17°14	21°59	7°26	17°50	10°15	26°13	27°19	19° 9	20°29	16°38	28°26	S 20
M21	14 6 58	3°13'13	4♓11	9°56	18°18	22°36	7°26	17°53	10°13	26°15	27°18	19° 5	20°26	16°45	28°27	M21
T 22	14 10 54	4°11'02	16°15	9°26	19°22	23°12	7°R26	17°57	10°11	26°17	27°18	18°59	20°23	16°51	28°27	T 22
W23	14 14 51	5° 8'49	28°31	8°55	20°27	23°49	7°26	18° 0	10° 9	26°20	27°18	18°52	20°20	16°58	28°28	W23
T 24	14 18 48	6° 6'34	11♈ 0	8°21	21°32	24°25	7°26	18° 3	10° 7	26°22	27°17	18°44	20°16	17° 5	28°28	T 24
F 25	14 22 44	7° 4'19	23°45	7°47	22°37	25° 2	7°26	18° 6	10° 6	26°24	27°17	18°37	20°13	17°11	28°29	F 25
S 26	14 26 41	8° 2'02	6♉44	7°12	23°42	25°38	7°25	18°10	10° 4	26°26	27°17	18°31	20°10	17°18	28°29	S 26
S 27	14 30 37	8°59'44	19°59	6°37	24°48	26°15	7°24	18°12	10° 2	26°29	27°16	18°26	20° 7	17°25	28°29	S 27
M28	14 34 34	9°57'25	3♊26	6° 3	25°53	26°51	7°23	18°15	10° 0	26°31	27°16	18°23	20° 4	17°31	28°30	M28
T 29	14 38 30	10°55'04	17° 6	5°30	26°59	27°28	7°22	18°18	9°58	26°33	27°16	18°D22	20° 1	17°38	28°30	T 29
W30	14 42 27	11♉52'42	0♋55	4♉59	28♓ 5	28♊ 4	7♑21	18♒21	9♐56	26♈35	27♌16	18♐23	19♐57	17♒45	28♑30	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n30	22n45	1n 9	15n22	2n38	11s56	0n27	23n32	1n22	23s23	0n 3	17s 7	1s10	22s12	0s 0	8n14	1s50	26n 5	14n40	23s14	23s20	12s39	14s39	6n10
W 2	5 53	23 13	0s 2	15 49	2 43	11 41	0 21	23 37	1 22	23 23	0 3	17 6	1 10	22 12	0 0	8 15	1 50	26 6	14 39	23 14	23 19	12 37	14 39	6 10
T 3	6 16	22 18	1 14	16 14	2 47	11 26	0 15	23 42	1 22	23 23	0 3	17 4	1 11	22 12	0 0	8 15	1 50	26 6	14 39	23 14	23 19	12 34	14 38	6 11
F 4	6 38	20 1	2 23	16 36	2 50	11 10	0 10	23 47	1 22	23 23	0 2	17 3	1 11	22 12	0 0	8 16	1 50	26 6	14 39	23 14	23 19	12 32	14 37	6 11
S 5	7 1	16 30	3 25	16 56	2 52	10 54	0 4	23 52	1 22	23 23	0 2	17 2	1 11	22 12	0 0	8 17	1 50	26 6	14 39	23 14	23 19	12 29	14 36	6 12
S 6	7 23	11 58	4 14	17 12	2 53	10 38	0s 2	23 56	1 22	23 23	0 2	17 1	1 11	22 12	0 1	8 18	1 50	26 6	14 38	23 14	23 19	12 27	14 36	6 12
M 7	7 45	6 42	4 48	17 25	2 53	10 21	0 7	24 1	1 22	23 23	0 2	16 59	1 11	22 12	0 1	8 19	1 50	26 6	14 38	23 13	23 18	12 25	14 35	6 13
T 8	8 7	1 3	5 4	17 36	2 51	10 3	0 12	24 5	1 22	23 23	0 2	16 58	1 11	22 11	0 1	8 19	1 50	26 6	14 38	23 13	23 18	12 22	14 34	6 13
W 9	8 29	4s39	4 59	17 43	2 49	9 46	0 18	24 9	1 22	23 23	0 2	16 57	1 12	22 11	0 1	8 20	1 50	26 6	14 37	23 12	23 18	12 20	14 33	6 13
T 10	8 51	10 3	4 36	17 48	2 45	9 27	0 23	24 13	1 22	23 23	0 2	16 56	1 12	22 11	0 1	8 21	1 49	26 6	14 37	23 11	23 18	12 17	14 33	6 14
F 11	9 13	14 49	3 56	17 50	2 40	9 9	0 28	24 17	1 22	23 23	0 2	16 55	1 12	22 11	0 1	8 22	1 49	26 6	14 37	23 11	23 18	12 15	14 32	6 14
S 12	9 34	18 40	3 2	17 49	2 34	8 50	0 33	24 20	1 22	23 23	0 1	16 54	1 12	22 11	0 1	8 23	1 49	26 6	14 36	23 10	23 17	12 12	14 31	6 15
S 13	9 56	21 23	2 0	17 45	2 27	8 31	0 37	24 24	1 22	23 23	0 1	16 52	1 12	22 10	0 1	8 24	1 49	26 6	14 36	23 10	23 17	12 10	14 31	6 15
M14	10 17	22 52	0 53	17 38	2 19	8 11	0 42	24 27	1 22	23 23	0 1	16 51	1 12	22 10	0 1	8 24	1 49	26 6	14 36	23 9	23 17	12 8	14 30	6 16
T 15	10 38	23 6	0n16	17 28	2 9	7 51	0 46	24 30	1 22	23 23	0 1	16 50	1 13	22 10	0 1	8 25	1 49	26 6	14 35	23 9	23 17	12 5	14 29	6 16
W16	10 59	22 10	1 21	17 16	1 58	7 31	0 51	24 33	1 22	23 23	0 1	16 49	1 13	22 10	0 1	8 26	1 49	26 6	14 35	23 9	23 16	12 3	14 29	6 17
T 17	11 19	20 13	2 22	17 1	1 47	7 10	0 55	24 36	1 22	23 23	0 1	16 48	1 13	22 10	0 1	8 27	1 49	26 5	14 35	23 10	23 16	12 0	14 28	6 17
F 18	11 40	17 24	3 16	16 44	1 34	6 49	0 59	24 39	1 22	23 23	0 1	16 47	1 13	22 9	0 1	8 28	1 49	26 5	14 34	23 10	23 16	11 58	14 27	6 17
S 19	12 0	13 53	4 1	16 25	1 20	6 28	1 3	24 41	1 22	23 23	0 1	16 46	1 13	22 9	0 1	8 28	1 49	26 5	14 34	23 10	23 16	11 55	14 27	6 18
S 20	12 20	9 51	4 35	16 4	1 5	6 6	1 7	24 43	1 22	23 23	0 0	16 45	1 14	22 9	0 1	8 29	1 50	26 5	14 34	23 9	23 16	11 53	14 26	6 18
M21	12 40	5 25	4 58	15 40	0 49	5 44	1 11	24 46	1 22	23 23	0 0	16 45	1 14	22 9	0 1	8 30	1 50	26 5	14 33	23 9	23 15	11 50	14 26	6 19
T 22	13 0	0 44	5 8	15 16	0 33	5 22	1 14	24 47	1 22	23 23	0 0	16 44	1 14	22 8	0 1	8 31	1 50	26 5	14 33	23 9	23 15	11 48	14 25	6 19
W23	13 20	4n 3	5 4	14 50	0 16	5 0	1 18	24 49	1 22	23 24	0 0	16 43	1 14	22 8	0 1	8 32	1 50	26 5	14 33	23 8	23 15	11 45	14 25	6 20
T 24	13 39	8 45	4 46	14 23	0s 1	4 37	1 21	24 51	1 22	23 24	0s 0	16 42	1 14	22 8	0 1	8 33	1 50	26 4	14 32	23 7	23 15	11 43	14 24	6 20
F 25	13 58	13 11	4 13	13 55	0 18	4 14	1 24	24 52	1 22	23 24	0 0	16 41	1 14	22 8	0 1	8 33	1 50	26 4	14 32	23 7	23 14	11 40	14 23	6 21
S 26	14 17	17 6	3 26	13 27	0 35	3 51	1 28	24 53	1 22	23 24	0 0	16 40	1 15	22 7	0 1	8 34	1 50	26 4	14 32	23 6	23 14	11 38	14 23	6 21
S 27	14 36	20 14	2 28	12 59	0 53	3 28	1 31	24 55	1 22	23 24	0 0	16 40	1 15	22 7	0 1	8 35	1 50	26 4	14 31	23 6	23 14	11 36	14 22	6 22
M28	14 54	22 18	1 20	12 32	1 10	3 5	1 34	24 55	1 22	23 24	0 1	16 39	1 15	22 7	0 1	8 36	1 50	26 3	14 31	23 6	23 14	11 33	14 22	6 22
T 29	15 12	23 5	0 7	12 5	1 26	2 41	1 36	24 56	1 22	23 25	0 1	16 38	1 15	22 7	0 1	8 36	1 50	26 3	14 30	23 5	23 13	11 31	14 22	6 22
W30	15n30	22n28	1s 8	11n40	1s42	2s17	1s39	24n57	1n21	23s25	0s 1	16s38	1s15	22s 6	0s 1	8n37	1s50	26n 3	14n30	23s 5	23s13	11s28	14s21	6n23

Julian Day Number = 1986684.5, Delta T = 56m43s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'41, Lahiri = 6°07'42 Julian Calendar 1 Apr. 727 == Greg. Calendar 5 Apr. 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

MAY 727 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 46 23	12♉50'18	14♋52	4°R30	29♓11	28♊41	7°R19	18♒23	9°R54	26♈37	27°R15	18♐24	19♐54	17♒52	28°R30	T 1
F 2	14 50 20	13°47'52	28°56	4♉ 4	0♈17	29°18	7♑17	18°26	9♐52	26°40	27♎15	18°25	19°51	17°58	28♑30	F 2
S 3	14 54 17	14°45'25	13♎ 6	3°41	1°23	29°54	7°15	18°28	9°49	26°42	27°15	18°R26	19°48	18° 5	28°30	S 3
S 4	14 58 13	15°42'57	27°19	3°22	2°30	0♋31	7°13	18°31	9°47	26°44	27°15	18°26	19°45	18°12	28°30	S 4
M 5	15 2 10	16°40'27	11♍34	3° 7	3°36	1° 7	7°11	18°33	9°45	26°46	27°15	18°24	19°42	18°18	28°29	M 5
T 6	15 6 6	17°37'55	25°47	2°55	4°43	1°44	7° 9	18°35	9°43	26°48	27°D15	18°21	19°38	18°25	28°29	T 6
W 7	15 10 3	18°35'22	9♎55	2°48	5°50	2°21	7° 6	18°37	9°41	26°50	27°15	18°17	19°35	18°32	28°29	W 7
T 8	15 13 59	19°32'48	23°54	2°D45	6°57	2°57	7° 3	18°39	9°38	26°52	27°15	18°12	19°32	18°38	28°28	T 8
F 9	15 17 56	20°30'13	7♏41	2°47	8° 4	3°34	7° 0	18°41	9°36	26°55	27°15	18° 8	19°29	18°45	28°28	F 9
S 10	15 21 52	21°27'37	21°12	2°53	9°11	4°11	6°57	18°42	9°34	26°57	27°15	18° 5	19°26	18°52	28°27	S 10
S 11	15 25 49	22°24'59	4♐26	3° 4	10°18	4°47	6°53	18°44	9°32	26°59	27°16	18° 3	19°22	18°59	28°26	S 11
M12	15 29 46	23°22'21	17°21	3°19	11°26	5°24	6°50	18°46	9°29	27° 1	27°16	18°D 3	19°19	19° 5	28°26	M12
T 13	15 33 42	24°19'42	29°58	3°39	12°34	6° 1	6°46	18°47	9°27	27° 3	27°16	18° 3	19°16	19°12	28°25	T 13
W14	15 37 39	25°17'03	12♑19	4° 3	13°41	6°38	6°42	18°48	9°25	27° 5	27°16	18° 4	19°13	19°19	28°24	W14
T 15	15 41 35	26°14'22	24°27	4°31	14°49	7°14	6°38	18°50	9°22	27° 7	27°16	18° 6	19°10	19°25	28°23	T 15
F 16	15 45 32	27°11'41	6♒26	5° 4	15°57	7°51	6°34	18°51	9°20	27° 9	27°17	18° 7	19° 7	19°32	28°22	F 16
S 17	15 49 28	28° 9'00	18°19	5°40	17° 5	8°28	6°30	18°52	9°18	27°11	27°17	18° 9	19° 3	19°39	28°21	S 17
S 18	15 53 25	29° 6'18	0♓12	6°21	18°13	9° 5	6°25	18°53	9°15	27°13	27°18	18°R 9	19° 0	19°46	28°20	S 18
M19	15 57 21	0♊ 3'35	12° 9	7° 6	19°21	9°42	6°20	18°54	9°13	27°15	27°18	18° 8	18°57	19°52	28°19	M19
T 20	16 1 18	1° 0'52	24°14	7°55	20°30	10°19	6°16	18°55	9°10	27°17	27°18	18° 7	18°54	19°59	28°18	T 20
W21	16 5 15	1°58'08	6♈33	8°47	21°38	10°55	6°11	18°55	9° 8	27°19	27°19	18° 5	18°51	20° 6	28°16	W21
T 22	16 9 11	2°55'24	19° 7	9°43	22°47	11°32	6° 5	18°56	9° 6	27°21	27°19	18° 3	18°47	20°12	28°15	T 22
F 23	16 13 8	3°52'40	2♉ 1	10°43	23°55	12° 9	6° 0	18°56	9° 3	27°23	27°20	18° 1	18°44	20°19	28°14	F 23
S 24	16 17 4	4°49'55	15°14	11°47	25° 4	12°46	5°55	18°57	9° 1	27°25	27°20	18° 0	18°41	20°26	28°12	S 24
S 25	16 21 1	5°47'10	28°46	12°54	26°13	13°23	5°49	18°57	8°58	27°26	27°21	17°58	18°38	20°32	28°11	S 25
M26	16 24 57	6°44'24	12♊37	14° 4	27°22	14° 0	5°43	18°57	8°56	27°28	27°22	17°D58	18°35	20°39	28° 9	M26
T 27	16 28 54	7°41'38	26°42	15°18	28°31	14°37	5°37	18°R57	8°53	27°30	27°22	17°58	18°32	20°46	28° 7	T 27
W28	16 32 50	8°38'51	10♋57	16°35	29°40	15°14	5°31	18°57	8°51	27°32	27°23	17°58	18°28	20°53	28° 6	W28
T 29	16 36 47	9°36'04	25°19	17°56	0♉49	15°51	5°25	18°57	8°48	27°34	27°24	17°59	18°25	20°59	28° 4	T 29
F 30	16 40 44	10°33'16	9♌44	19°20	1°58	16°28	5°19	18°57	8°46	27°35	27°24	18° 0	18°22	21° 6	28° 2	F 30
S 31	16 44 40	11♊30'27	24♌ 5	20♉47	3♉ 7	17♋ 5	5♑13	18♒57	8♐44	27♈37	27♎25	18♐ 0	18♐19	21♒13	28♑ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n48	20n28	2s19	11n16	1s57	1s53	1s42	24n57	1n21	23s25	0s 1	16s37	1s16	22s 6	0s 1	8n38	1s50	26n 3	14n30	23s 6	23s13	11s26	14s21	6n23
F 2	16 5	17 12	3 23	10 54	2 12	1 29	1 44	24 57	1 21	23 25	0 1	16 37	1 16	22 6	0 1	8 39	1 50	26 2	14 29	23 6	23 13	11 23	14 20	6 24
S 3	16 22	12 55	4 15	10 33	2 26	1 4	1 46	24 57	1 21	23 26	0 1	16 36	1 16	22 5	0 1	8 40	1 50	26 2	14 29	23 6	23 12	11 21	14 20	6 24
S 4	16 39	7 55	4 51	10 15	2 38	0 40	1 49	24 57	1 21	23 26	0 1	16 35	1 16	22 5	0 1	8 40	1 50	26 2	14 29	23 6	23 12	11 18	14 19	6 25
M 5	16 56	2 30	5 10	9 58	2 50	0 15	1 51	24 57	1 21	23 26	0 2	16 35	1 16	22 5	0 1	8 41	1 50	26 1	14 28	23 6	23 12	11 16	14 19	6 25
T 6	17 12	3s 2	5 10	9 45	3 0	0n10	1 53	24 56	1 21	23 26	0 2	16 34	1 17	22 4	0 1	8 42	1 50	26 1	14 28	23 5	23 12	11 13	14 19	6 26
W 7	17 29	8 24	4 50	9 33	3 10	0 35	1 55	24 56	1 21	23 27	0 2	16 34	1 17	22 4	0 1	8 43	1 50	26 1	14 27	23 5	23 11	11 11	14 18	6 26
T 8	17 44	13 16	4 14	9 25	3 18	1 0	1 56	24 55	1 21	23 27	0 2	16 34	1 17	22 4	0 1	8 43	1 50	26 0	14 27	23 5	23 11	11 8	14 18	6 26
F 9	18 0	17 22	3 23	9 18	3 25	1 25	1 58	24 54	1 21	23 27	0 2	16 33	1 17	22 3	0 1	8 44	1 50	26 0	14 27	23 4	23 11	11 6	14 18	6 27
S 10	18 15	20 28	2 22	9 15	3 31	1 50	1 59	24 53	1 21	23 28	0 2	16 33	1 17	22 3	0 1	8 45	1 50	25 59	14 26	23 4	23 11	11 3	14 17	6 27
S 11	18 30	22 23	1 14	9 14	3 36	2 15	2 1	24 51	1 20	23 28	0 3	16 33	1 18	22 3	0 1	8 46	1 50	25 59	14 26	23 4	23 10	11 1	14 17	6 28
M12	18 45	23 4	0 4	9 15	3 40	2 41	2 2	24 50	1 20	23 28	0 3	16 32	1 18	22 2	0 1	8 46	1 50	25 59	14 26	23 4	23 10	10 58	14 17	6 28
T 13	18 59	22 31	1n 5	9 19	3 43	3 6	2 3	24 48	1 20	23 29	0 3	16 32	1 18	22 2	0 1	8 47	1 50	25 58	14 25	23 4	23 10	10 56	14 16	6 29
W14	19 13	20 53	2 10	9 25	3 45	3 32	2 4	24 46	1 20	23 29	0 3	16 32	1 18	22 2	0 1	8 48	1 50	25 58	14 25	23 4	23 10	10 53	14 16	6 29
T 15	19 27	18 18	3 7	9 34	3 46	3 57	2 5	24 44	1 20	23 29	0 3	16 32	1 19	22 1	0 1	8 48	1 50	25 57	14 24	23 4	23 9	10 51	14 16	6 29
F 16	19 40	14 59	3 56	9 45	3 46	4 23	2 6	24 42	1 20	23 30	0 3	16 31	1 19	22 1	0 1	8 49	1 50	25 57	14 24	23 4	23 9	10 48	14 16	6 30
S 17	19 53	11 6	4 34	9 58	3 45	4 48	2 7	24 39	1 20	23 30	0 3	16 31	1 19	22 1	0 1	8 50	1 50	25 56	14 24	23 4	23 9	10 46	14 16	6 30
S 18	20 6	6 48	5 0	10 13	3 43	5 13	2 8	24 37	1 20	23 30	0 4	16 31	1 19	22 0	0 1	8 50	1 50	25 56	14 23	23 4	23 9	10 43	14 15	6 31
M19	20 18	2 13	5 14	10 30	3 40	5 39	2 8	24 34	1 20	23 31	0 4	16 31	1 19	22 0	0 1	8 51	1 50	25 55	14 23	23 4	23 8	10 41	14 15	6 31
T 20	20 30	2n29	5 14	10 49	3 37	6 4	2 9	24 31	1 19	23 31	0 4	16 31	1 20	22 0	0 1	8 52	1 50	25 55	14 22	23 4	23 8	10 39	14 15	6 31
W21	20 42	7 11	4 59	11 10	3 32	6 30	2 9	24 28	1 19	23 31	0 4	16 31	1 20	21 59	0 1	8 53	1 50	25 54	14 22	23 4	23 8	10 36	14 15	6 32
T 22	20 53	11 42	4 31	11 33	3 27	6 55	2 9	24 25	1 19	23 32	0 4	16 31	1 20	21 59	0 1	8 53	1 50	25 54	14 22	23 4	23 8	10 34	14 15	6 32
F 23	21 4	15 48	3 47	11 57	3 22	7 20	2 10	24 21	1 19	23 32	0 4	16 31	1 20	21 58	0 1	8 54	1 50	25 53	14 21	23 4	23 7	10 31	14 15	6 33
S 24	21 15	19 14	2 51	12 23	3 15	7 45	2 10	24 18	1 19	23 33	0 4	16 31	1 20	21 58	0 1	8 54	1 50	25 53	14 21	23 3	23 7	10 29	14 15	6 33
S 25	21 25	21 43	1 44	12 50	3 8	8 11	2 10	24 14	1 19	23 33	0 5	16 31	1 21	21 58	0 1	8 55	1 50	25 52	14 21	23 3	23 7	10 26	14 15	6 33
M26	21 35	22 57	0 30	13 18	3 1	8 36	2 9	24 10	1 19	23 33	0 5	16 31	1 21	21 57	0 1	8 56	1 50	25 51	14 20	23 3	23 6	10 24	14 14	6 34
T 27	21 45	22 46	0s48	13 47	2 52	9 0	2 9	24 6	1 18	23 34	0 5	16 32	1 21	21 57	0 1	8 56	1 50	25 51	14 20	23 3	23 6	10 21	14 14	6 34
W28	21 54	21 5	2 4	14 18	2 44	9 25	2 9	24 1	1 18	23 34	0 5	16 32	1 21	21 57	0 1	8 57	1 50	25 50	14 19	23 3	23 6	10 19	14 14	6 35
T 29	22 3	18 4	3 13	14 49	2 35	9 50	2 9	23 57	1 18	23 35	0 5	16 32	1 21	21 56	0 1	8 58	1 50	25 50	14 19	23 3	23 6	10 16	14 14	6 35
F 30	22 11	13 56	4 9	15 21	2 25	10 14	2 8	23 52	1 18	23 35	0 5	16 32	1 22	21 56	0 1	8 58	1 50	25 49	14 19	23 3	23 5	10 14	14 14	6 35
S 31	22n19	9n 1	4s50	15n54	2s15	10n39	2s 7	23n47	1n18	23s36	0s 6	16s33	1s22	21s56	0s 1	8n59	1s51	25n48	14n18	23s 3	23s 5	10s11	14s14	6n36

Julian Day Number = 1986714.5, Delta T = 56m43s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'45, Lahiri = 6°07'46 Julian Calendar 1 May 727 == Greg. Calendar 5 May 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

JUNE 727 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 48 37	12♊27'37	8♍22	22♉17	4♉17	17♋42	5°R 6	18°R56	8°R41	27♈39	27♌26	18°R 0	18♐16	21♒19	27°R58	S 1
M 2	16 52 33	13°24'47	22°30	23°51	5°26	18°19	5♑ 0	18♒56	8♐39	27°41	27°27	18♐ 0	18°13	21°26	27♑56	M 2
T 3	16 56 30	14°21'57	6♎28	25°28	6°36	18°56	4°53	18°55	8°36	27°42	27°28	18° 0	18° 9	21°33	27°54	T 3
W 4	17 0 26	15°19'06	20°15	27° 8	7°45	19°33	4°46	18°54	8°34	27°44	27°28	18° 0	18° 6	21°40	27°52	W 4
T 5	17 4 23	16°16'14	3♏49	28°51	8°55	20°10	4°39	18°53	8°31	27°46	27°29	18° 0	18° 3	21°46	27°50	T 5
F 6	17 8 19	17°13'22	17° 9	0♊37	10° 4	20°47	4°32	18°53	8°29	27°47	27°30	18° 0	18° 0	21°53	27°48	F 6
S 7	17 12 16	18°10'30	0♐16	2°25	11°14	21°24	4°25	18°52	8°27	27°49	27°31	18°D 0	17°57	22° 0	27°46	S 7
S 8	17 16 13	19° 7'38	13° 9	4°17	12°24	22° 2	4°18	18°51	8°24	27°50	27°32	18°R 0	17°53	22° 6	27°43	S 8
M 9	17 20 9	20° 4'45	25°47	6°11	13°34	22°39	4°11	18°49	8°22	27°52	27°33	18° 0	17°50	22°13	27°41	M 9
T 10	17 24 6	21° 1'53	8♑13	8° 8	14°44	23°16	4° 4	18°48	8°19	27°53	27°34	17°59	17°47	22°20	27°39	T 10
W11	17 28 2	21°59'01	20°27	10° 8	15°54	23°53	3°56	18°47	8°17	27°55	27°35	17°59	17°44	22°27	27°36	W11
T 12	17 31 59	22°56'09	2♒31	12° 9	17° 4	24°30	3°49	18°45	8°15	27°56	27°37	17°59	17°41	22°33	27°34	T 12
F 13	17 35 55	23°53'17	14°28	14°13	18°15	25° 8	3°41	18°44	8°12	27°58	27°38	17°58	17°38	22°40	27°31	F 13
S 14	17 39 52	24°50'25	26°21	16°18	19°25	25°45	3°34	18°42	8°10	27°59	27°39	17°57	17°34	22°47	27°29	S 14
S 15	17 43 48	25°47'33	8♓13	18°24	20°35	26°22	3°26	18°40	8° 8	28° 1	27°40	17°56	17°31	22°53	27°26	S 15
M16	17 47 45	26°44'42	20°10	20°32	21°46	26°59	3°19	18°38	8° 5	28° 2	27°41	17°56	17°28	23° 0	27°23	M16
T 17	17 51 42	27°41'52	2♈15	22°41	22°56	27°37	3°11	18°36	8° 3	28° 3	27°42	17°D56	17°25	23° 7	27°21	T 17
W18	17 55 38	28°39'02	14°32	24°50	24° 7	28°14	3° 3	18°34	8° 1	28° 5	27°44	17°56	17°22	23°14	27°18	W18
T 19	17 59 35	29°36'12	27° 7	26°59	25°17	28°51	2°56	18°32	7°59	28° 6	27°45	17°57	17°19	23°20	27°15	T 19
F 20	18 3 31	0♋33'23	10♉ 2	29° 9	26°28	29°29	2°48	18°30	7°57	28° 7	27°46	17°58	17°15	23°27	27°12	F 20
S 21	18 7 28	1°30'35	23°20	1♋18	27°39	0♌ 6	2°40	18°28	7°54	28° 9	27°48	17°59	17°12	23°34	27°10	S 21
S 22	18 11 24	2°27'47	7♊ 3	3°26	28°50	0°43	2°33	18°25	7°52	28°10	27°49	18° 0	17° 9	23°40	27° 7	S 22
M23	18 15 21	3°25'00	21° 9	5°34	0♊ 0	1°21	2°25	18°23	7°50	28°11	27°50	18°R 0	17° 6	23°47	27° 4	M23
T 24	18 19 18	4°22'13	5♋35	7°41	1°11	1°58	2°17	18°21	7°48	28°12	27°52	18° 0	17° 3	23°54	27° 1	T 24
W25	18 23 14	5°19'27	20°15	9°47	2°22	2°36	2° 9	18°18	7°46	28°13	27°53	17°58	16°59	24° 0	26°58	W25
T 26	18 27 11	6°16'41	5♌ 4	11°51	3°33	3°13	2° 2	18°15	7°44	28°14	27°55	17°56	16°56	24° 7	26°55	T 26
F 27	18 31 7	7°13'56	19°53	13°54	4°44	3°51	1°54	18°12	7°42	28°15	27°56	17°54	16°53	24°14	26°52	F 27
S 28	18 35 4	8°11'10	4♍35	15°56	5°56	4°28	1°46	18°10	7°40	28°16	27°58	17°51	16°50	24°21	26°49	S 28
S 29	18 39 0	9° 8'25	19° 4	17°56	7° 7	5° 6	1°39	18° 7	7°38	28°17	27°59	17°50	16°47	24°27	26°46	S 29
M30	18 42 57	10♋ 5'40	3♎16	19♋55	8♊18	5♌43	1♑31	18♒ 4	7♐36	28♈18	28♌ 1	17♐49	16♐44	24♒34	26♑43	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n27	3n40	5s12	16n28	2s 4	11n 3	2s 7	23n42	1n18	23s36	0s 6	16s33	1s22	21s55	0s 1	8n59	1s51	25n48	14n18	23s 3	23s 5	10s 9	14s14	6n36
M 2	22 34	1s50	5 16	17 2	1 53	11 27	2 6	23 37	1 18	23 36	0 6	16 33	1 22	21 55	0 1	9 0	1 51	25 47	14 18	23 3	23 5	10 6	14 14	6 36
T 3	22 41	7 11	5 1	17 36	1 42	11 50	2 5	23 32	1 17	23 37	0 6	16 34	1 22	21 54	0 1	9 0	1 51	25 46	14 17	23 3	23 4	10 4	14 14	6 37
W 4	22 47	12 6	4 28	18 10	1 31	12 14	2 4	23 26	1 17	23 37	0 6	16 34	1 23	21 54	0 1	9 1	1 51	25 46	14 17	23 3	23 4	10 1	14 15	6 37
T 5	22 53	16 20	3 41	18 45	1 19	12 37	2 3	23 21	1 17	23 38	0 6	16 35	1 23	21 54	0 1	9 2	1 51	25 45	14 16	23 3	23 4	9 59	14 15	6 37
F 6	22 59	19 40	2 43	19 19	1 8	13 0	2 2	23 15	1 17	23 38	0 7	16 35	1 23	21 53	0 1	9 2	1 51	25 44	14 16	23 3	23 3	9 56	14 15	6 38
S 7	23 4	21 55	1 37	19 52	0 56	13 23	2 1	23 9	1 17	23 38	0 7	16 35	1 23	21 53	0 1	9 3	1 51	25 44	14 16	23 3	23 3	9 53	14 15	6 38
S 8	23 9	22 59	0 27	20 25	0 44	13 46	2 0	23 3	1 17	23 39	0 7	16 36	1 24	21 53	0 1	9 3	1 51	25 43	14 15	23 3	23 3	9 51	14 15	6 38
M 9	23 14	22 49	0n43	20 58	0 32	14 8	1 58	22 57	1 16	23 39	0 7	16 37	1 24	21 52	0 1	9 4	1 51	25 42	14 15	23 3	23 3	9 48	14 15	6 39
T 10	23 18	21 31	1 50	21 29	0 21	14 30	1 57	22 50	1 16	23 40	0 7	16 37	1 24	21 52	0 1	9 4	1 51	25 42	14 15	23 3	23 2	9 46	14 15	6 39
W11	23 22	19 14	2 50	21 58	0 9	14 52	1 56	22 43	1 16	23 40	0 7	16 38	1 24	21 51	0 1	9 5	1 51	25 41	14 14	23 3	23 2	9 43	14 15	6 39
T 12	23 25	16 7	3 42	22 27	0n 2	15 13	1 54	22 37	1 16	23 40	0 7	16 38	1 24	21 51	0 1	9 5	1 51	25 40	14 14	23 3	23 2	9 41	14 16	6 39
F 13	23 28	12 23	4 24	22 53	0 13	15 35	1 52	22 30	1 16	23 41	0 8	16 39	1 25	21 51	0 1	9 6	1 51	25 40	14 14	23 3	23 1	9 38	14 16	6 40
S 14	23 30	8 12	4 55	23 18	0 24	15 55	1 51	22 23	1 15	23 41	0 8	16 40	1 25	21 50	0 1	9 6	1 51	25 39	14 13	23 3	23 1	9 36	14 16	6 40
S 15	23 32	3 43	5 12	23 40	0 34	16 16	1 49	22 15	1 15	23 41	0 8	16 41	1 25	21 50	0 1	9 7	1 51	25 38	14 13	23 3	23 1	9 33	14 16	6 40
M16	23 34	0n55	5 16	24 0	0 44	16 36	1 47	22 8	1 15	23 42	0 8	16 41	1 25	21 50	0 1	9 7	1 51	25 37	14 13	23 3	23 0	9 31	14 17	6 40
T 17	23 35	5 35	5 7	24 17	0 53	16 56	1 45	22 0	1 15	23 42	0 8	16 42	1 25	21 49	0 1	9 7	1 51	25 37	14 12	23 3	23 0	9 28	14 17	6 41
W18	23 36	10 7	4 43	24 32	1 2	17 15	1 44	21 53	1 15	23 42	0 8	16 43	1 26	21 49	0 1	9 8	1 51	25 36	14 12	23 3	23 0	9 26	14 17	6 41
T 19	23 36	14 20	4 6	24 44	1 10	17 34	1 42	21 45	1 15	23 43	0 9	16 44	1 26	21 49	0 1	9 8	1 51	25 35	14 12	23 3	23 0	9 23	14 17	6 41
F 20	23 36	18 0	3 15	24 53	1 17	17 53	1 40	21 37	1 14	23 43	0 9	16 45	1 26	21 48	0 1	9 9	1 51	25 34	14 11	23 3	22 59	9 21	14 18	6 41
S 21	23 36	20 52	2 12	24 59	1 24	18 11	1 37	21 28	1 14	23 43	0 9	16 46	1 26	21 48	0 1	9 9	1 52	25 34	14 11	23 3	22 59	9 18	14 18	6 42
S 22	23 35	22 37	1 0	25 3	1 30	18 29	1 35	21 20	1 14	23 44	0 9	16 47	1 26	21 48	0 1	9 9	1 52	25 33	14 11	23 3	22 59	9 16	14 18	6 42
M23	23 34	23 1	0s17	25 4	1 35	18 46	1 33	21 12	1 14	23 44	0 9	16 47	1 26	21 47	0 1	9 10	1 52	25 32	14 11	23 3	22 58	9 13	14 19	6 42
T 24	23 32	21 54	1 36	25 2	1 39	19 3	1 31	21 3	1 13	23 44	0 9	16 48	1 27	21 47	0 1	9 10	1 52	25 31	14 10	23 3	22 58	9 11	14 19	6 42
W25	23 30	19 17	2 49	24 57	1 43	19 20	1 29	20 54	1 13	23 45	0 9	16 49	1 27	21 47	0 1	9 10	1 52	25 30	14 10	23 3	22 58	9 8	14 19	6 42
T 26	23 27	15 23	3 51	24 49	1 46	19 36	1 26	20 45	1 13	23 45	0 10	16 50	1 27	21 46	0 1	9 11	1 52	25 30	14 10	23 3	22 57	9 6	14 20	6 43
F 27	23 24	10 33	4 38	24 39	1 48	19 51	1 24	20 36	1 13	23 45	0 10	16 51	1 27	21 46	0 1	9 11	1 52	25 29	14 9	23 3	22 57	9 3	14 20	6 43
S 28	23 21	5 8	5 6	24 27	1 49	20 6	1 22	20 27	1 13	23 45	0 10	16 53	1 27	21 46	0 1	9 11	1 52	25 28	14 9	23 3	22 57	9 1	14 21	6 43
S 29	23 17	0s28	5 15	24 12	1 50	20 21	1 19	20 18	1 12	23 46	0 10	16 54	1 28	21 45	0 1	9 12	1 52	25 27	14 9	23 2	22 56	8 58	14 21	6 43
M30	23n13	5s57	5s 3	23n56	1n50	20n35	1s17	20n 8	1n12	23s46	0s10	16s55	1s28	21s45	0s 1	9n12	1s52	25n26	14n 9	23s 2	22s56	8s56	14s21	6n43

Julian Day Number = 1986745.5, Delta T = 56m42s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'49, Lahiri = 6°07'50 Julian Calendar 1 June 727 == Greg. Calendar 5 June 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

JULY 727 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 46 53	11♋ 2'56	17♎10	21♋52	9♊29	6♌21	1°R24	18°R 0	7°R34	28♈19	28♌ 2	17°D49	16♐40	24♒41	26°R40	T 1
W 2	18 50 50	12° 0'12	0♏44	23°47	10°41	6°59	1♑16	17♒57	7♐32	28°20	28° 4	17♐50	16°37	24°47	26♑36	W 2
T 3	18 54 47	12°57'29	14° 1	25°41	11°52	7°36	1° 9	17°54	7°30	28°21	28° 6	17°51	16°34	24°54	26°33	T 3
F 4	18 58 43	13°54'46	27° 1	27°32	13° 4	8°14	1° 1	17°51	7°28	28°22	28° 7	17°52	16°31	25° 1	26°30	F 4
S 5	19 2 40	14°52'03	9♐46	29°23	14°15	8°51	0°54	17°47	7°27	28°23	28° 9	17°54	16°28	25° 8	26°27	S 5
S 6	19 6 36	15°49'22	22°19	1♌11	15°27	9°29	0°47	17°44	7°25	28°24	28°10	17°R54	16°25	25°14	26°24	S 6
M 7	19 10 33	16°46'41	4♑41	2°58	16°39	10° 7	0°40	17°40	7°23	28°24	28°12	17°53	16°21	25°21	26°21	M 7
T 8	19 14 29	17°44'01	16°54	4°43	17°50	10°45	0°32	17°37	7°22	28°25	28°14	17°50	16°18	25°28	26°17	T 8
W 9	19 18 26	18°41'21	28°59	6°26	19° 2	11°22	0°25	17°33	7°20	28°26	28°16	17°46	16°15	25°34	26°14	W 9
T 10	19 22 22	19°38'43	10♒57	8° 8	20°14	12° 0	0°19	17°30	7°18	28°27	28°17	17°41	16°12	25°41	26°11	T 10
F 11	19 26 19	20°36'05	22°51	9°48	21°26	12°38	0°12	17°26	7°17	28°27	28°19	17°35	16° 9	25°48	26° 8	F 11
S 12	19 30 16	21°33'29	4♓43	11°26	22°38	13°16	0° 5	17°22	7°15	28°28	28°21	17°29	16° 5	25°55	26° 4	S 12
S 13	19 34 12	22°30'54	16°35	13° 3	23°50	13°53	29♐58	17°18	7°14	28°28	28°23	17°24	16° 2	26° 1	26° 1	S 13
M14	19 38 9	23°28'20	28°31	14°38	25° 2	14°31	29°52	17°14	7°12	28°29	28°25	17°20	15°59	26° 8	25°58	M14
T 15	19 42 5	24°25'48	10♈34	16°12	26°14	15° 9	29°45	17°10	7°11	28°29	28°26	17°17	15°56	26°15	25°54	T 15
W16	19 46 2	25°23'16	22°49	17°43	27°26	15°47	29°39	17° 6	7°10	28°30	28°28	17°D16	15°53	26°21	25°51	W16
T 17	19 49 58	26°20'47	5♉20	19°13	28°39	16°25	29°33	17° 2	7° 8	28°30	28°30	17°17	15°50	26°28	25°48	T 17
F 18	19 53 55	27°18'18	18°11	20°42	29°51	17° 3	29°27	16°58	7° 7	28°31	28°32	17°18	15°46	26°35	25°45	F 18
S 19	19 57 51	28°15'52	1♊27	22° 9	1♋ 3	17°41	29°21	16°54	7° 6	28°31	28°34	17°19	15°43	26°42	25°41	S 19
S 20	20 1 48	29°13'26	15° 9	23°34	2°16	18°19	29°15	16°50	7° 4	28°31	28°36	17°R20	15°40	26°48	25°38	S 20
M21	20 5 45	0♌11'03	29°20	24°57	3°28	18°57	29° 9	16°46	7° 3	28°32	28°38	17°19	15°37	26°55	25°35	M21
T 22	20 9 41	1° 8'40	13♋55	26°18	4°41	19°35	29° 4	16°41	7° 2	28°32	28°40	17°17	15°34	27° 2	25°32	T 22
W23	20 13 38	2° 6'19	28°51	27°38	5°53	20°13	28°59	16°37	7° 1	28°32	28°42	17°13	15°31	27° 9	25°28	W23
T 24	20 17 34	3° 4'00	13♌59	28°56	7° 6	20°51	28°53	16°33	7° 0	28°33	28°44	17° 7	15°27	27°15	25°25	T 24
F 25	20 21 31	4° 1'41	29°10	0♍12	8°19	21°29	28°48	16°28	6°59	28°33	28°46	17° 0	15°24	27°22	25°22	F 25
S 26	20 25 27	4°59'24	14♍12	1°26	9°31	22° 7	28°43	16°24	6°58	28°33	28°48	16°53	15°21	27°29	25°19	S 26
S 27	20 29 24	5°57'08	28°59	2°38	10°44	22°46	28°39	16°19	6°57	28°33	28°50	16°47	15°18	27°35	25°15	S 27
M28	20 33 20	6°54'53	13♎22	3°48	11°57	23°24	28°34	16°15	6°57	28°33	28°52	16°43	15°15	27°42	25°12	M28
T 29	20 37 17	7°52'39	27°20	4°56	13°10	24° 2	28°29	16°11	6°56	28°33	28°54	16°41	15°11	27°49	25° 9	T 29
W30	20 41 14	8°50'27	10♏53	6° 1	14°23	24°40	28°25	16° 6	6°55	28°R33	28°56	16°D40	15° 8	27°56	25° 6	W30
T 31	20 45 10	9♌48'15	24♏ 2	7♍ 4	15♋36	25♌19	28♐21	16♒ 2	6♐54	28♈33	28♌58	16♐41	15♐ 5	28♒ 2	25♑ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	11s 0	4s35	23n37	1n50	20n48	1s14	19n58	1n12	23s46	0s10	16s56	1s28	21s45	0s 1	9n12	1s52	25n26	14n 8	23s 2	22s56	8s53	14s22	6n43
W 2	23 3	15 24	3 51	23 16	1 48	21 1	1 12	19 49	1 12	23 46	0 10	16 57	1 28	21 44	0 1	9 13	1 52	25 25	14 8	23 2	22 56	8 51	14 22	6 44
T 3	22 58	18 56	2 56	22 54	1 47	21 14	1 9	19 39	1 11	23 46	0 11	16 58	1 28	21 44	0 1	9 13	1 52	25 24	14 8	23 3	22 55	8 48	14 23	6 44
F 4	22 52	21 27	1 52	22 30	1 44	21 25	1 6	19 29	1 11	23 47	0 11	16 59	1 28	21 44	0 1	9 13	1 52	25 23	14 8	23 3	22 55	8 45	14 23	6 44
S 5	22 46	22 48	0 44	22 4	1 42	21 37	1 4	19 19	1 11	23 47	0 11	17 1	1 29	21 43	0 1	9 13	1 52	25 22	14 7	23 3	22 55	8 43	14 24	6 44
S 6	22 39	22 59	0n24	21 38	1 38	21 47	1 1	19 8	1 11	23 47	0 11	17 2	1 29	21 43	0 1	9 14	1 52	25 22	14 7	23 3	22 54	8 40	14 24	6 44
M 7	22 32	22 1	1 31	21 9	1 34	21 58	0 58	18 58	1 11	23 47	0 11	17 3	1 29	21 43	0 1	9 14	1 53	25 21	14 7	23 3	22 54	8 38	14 25	6 44
T 8	22 25	20 1	2 32	20 40	1 30	22 7	0 56	18 47	1 10	23 47	0 11	17 4	1 29	21 43	0 1	9 14	1 53	25 20	14 7	23 3	22 54	8 35	14 25	6 44
W 9	22 17	17 9	3 26	20 10	1 25	22 16	0 53	18 36	1 10	23 48	0 11	17 6	1 29	21 42	0 1	9 14	1 53	25 19	14 6	23 2	22 53	8 33	14 26	6 44
T 10	22 9	13 36	4 10	19 39	1 20	22 24	0 50	18 26	1 10	23 48	0 12	17 7	1 29	21 42	0 1	9 14	1 53	25 18	14 6	23 2	22 53	8 30	14 26	6 44
F 11	22 1	9 32	4 43	19 6	1 14	22 32	0 47	18 15	1 10	23 48	0 12	17 8	1 30	21 42	0 1	9 15	1 53	25 17	14 6	23 1	22 53	8 28	14 27	6 44
S 12	21 52	5 8	5 3	18 34	1 8	22 39	0 45	18 4	1 9	23 48	0 12	17 9	1 30	21 42	0 1	9 15	1 53	25 17	14 6	23 1	22 52	8 25	14 27	6 44
S 13	21 42	0 33	5 11	18 0	1 2	22 46	0 42	17 52	1 9	23 48	0 12	17 11	1 30	21 41	0 1	9 15	1 53	25 16	14 6	23 0	22 52	8 23	14 28	6 44
M14	21 33	4n 4	5 5	17 26	0 55	22 52	0 39	17 41	1 9	23 48	0 12	17 12	1 30	21 41	0 1	9 15	1 53	25 15	14 5	23 0	22 52	8 20	14 28	6 44
T 15	21 23	8 35	4 46	16 51	0 48	22 57	0 36	17 30	1 9	23 48	0 12	17 14	1 30	21 41	0 1	9 15	1 53	25 14	14 5	22 59	22 51	8 18	14 29	6 44
W16	21 12	12 51	4 13	16 16	0 41	23 1	0 33	17 18	1 8	23 49	0 12	17 15	1 30	21 41	0 2	9 15	1 53	25 13	14 5	22 59	22 51	8 15	14 30	6 45
T 17	21 2	16 39	3 28	15 41	0 33	23 5	0 30	17 6	1 8	23 49	0 12	17 16	1 30	21 40	0 2	9 15	1 53	25 12	14 5	22 59	22 51	8 13	14 30	6 45
F 18	20 50	19 47	2 32	15 5	0 25	23 9	0 28	16 54	1 8	23 49	0 13	17 18	1 31	21 40	0 2	9 15	1 53	25 12	14 5	22 59	22 50	8 10	14 31	6 44
S 19	20 39	21 59	1 25	14 29	0 17	23 11	0 25	16 43	1 8	23 49	0 13	17 19	1 31	21 40	0 2	9 15	1 53	25 11	14 5	23 0	22 50	8 8	14 31	6 44
S 20	20 27	22 58	0 12	13 53	0 8	23 13	0 22	16 30	1 7	23 49	0 13	17 20	1 31	21 40	0 2	9 16	1 53	25 10	14 4	23 0	22 50	8 5	14 32	6 44
M21	20 15	22 32	1s 5	13 17	0s 1	23 14	0 19	16 18	1 7	23 49	0 13	17 22	1 31	21 40	0 2	9 16	1 53	25 9	14 4	23 0	22 49	8 2	14 33	6 44
T 22	20 2	20 34	2 19	12 41	0 10	23 15	0 16	16 6	1 7	23 49	0 13	17 23	1 31	21 40	0 2	9 16	1 53	25 8	14 4	22 59	22 49	8 0	14 33	6 44
W23	19 50	17 11	3 25	12 5	0 19	23 15	0 13	15 54	1 6	23 49	0 13	17 25	1 31	21 39	0 2	9 16	1 54	25 7	14 4	22 59	22 49	7 57	14 34	6 44
T 24	19 36	12 37	4 18	11 29	0 28	23 14	0 11	15 41	1 6	23 49	0 13	17 26	1 31	21 39	0 2	9 16	1 54	25 6	14 4	22 58	22 48	7 55	14 34	6 44
F 25	19 23	7 16	4 53	10 54	0 37	23 13	0 8	15 29	1 6	23 49	0 13	17 28	1 31	21 39	0 2	9 16	1 54	25 6	14 4	22 58	22 48	7 52	14 35	6 44
S 26	19 9	1 32	5 7	10 18	0 47	23 10	0 5	15 16	1 6	23 49	0 14	17 29	1 32	21 39	0 2	9 16	1 54	25 5	14 4	22 57	22 47	7 50	14 36	6 44
S 27	18 55	4s11	5 1	9 43	0 57	23 8	0 2	15 3	1 5	23 49	0 14	17 30	1 32	21 39	0 2	9 16	1 54	25 4	14 4	22 57	22 47	7 47	14 36	6 44
M28	18 40	9 32	4 35	9 9	1 7	23 4	0n 0	14 50	1 5	23 50	0 14	17 32	1 32	21 39	0 2	9 16	1 54	25 3	14 3	22 56	22 47	7 45	14 37	6 44
T 29	18 25	14 13	3 54	8 35	1 17	23 0	0 3	14 37	1 5	23 50	0 14	17 33	1 32	21 39	0 2	9 16	1 54	25 2	14 3	22 56	22 46	7 42	14 38	6 44
W30	18 10	18 3	3 0	8 1	1 27	22 55	0 6	14 24	1 4	23 50	0 14	17 35	1 32	21 38	0 2	9 16	1 54	25 1	14 3	22 56	22 46	7 40	14 38	6 44
T 31	17n55	20s49	1s59	7n29	1s37	22n50	0n 9	14n11	1n 4	23s50	0s14	17s36	1s32	21s38	0s 2	9n15	1s54	25n 1	14n 3	22s56	22s46	7s37	14s39	6n44

Julian Day Number = 1986775.5, Delta T = 56m41s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'54, Lahiri = 6°07'54 Julian Calendar 1 July 727 == Greg. Calendar 5 July 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

AUGUST 727 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 49 7	10♌46'05	6♐51	8♍ 4	16♋49	25♌57	28°R17	15°R57	6°R54	28°R33	29♌ 0	16♐42	15♐ 2	28♒ 9	25°R 0	F 1
S 2	20 53 3	11°43'57	19°22	9° 2	18° 2	26°35	28♐13	15♒53	6♐53	28♈33	29° 2	16°R42	14°59	28°16	24♏57	S 2
S 3	20 57 0	12°41'49	1♏41	9°57	19°15	27°14	28°10	15°48	6°53	28°33	29° 4	16°41	14°56	28°22	24°54	S 3
M 4	21 0 56	13°39'43	13°50	10°49	20°28	27°52	28° 6	15°43	6°52	28°33	29° 6	16°37	14°52	28°29	24°51	M 4
T 5	21 4 53	14°37'39	25°52	11°38	21°41	28°30	28° 3	15°39	6°52	28°32	29° 8	16°32	14°49	28°36	24°47	T 5
W 6	21 8 49	15°35'36	7♒50	12°24	22°55	29° 9	28° 0	15°34	6°51	28°32	29°10	16°23	14°46	28°43	24°45	W 6
T 7	21 12 46	16°33'34	19°44	13° 6	24° 8	29°47	27°57	15°30	6°51	28°32	29°12	16°13	14°43	28°49	24°42	T 7
F 8	21 16 43	17°31'35	1♓36	13°44	25°21	0♍26	27°54	15°25	6°51	28°32	29°14	16° 1	14°40	28°56	24°39	F 8
S 9	21 20 39	18°29'37	13°28	14°18	26°35	1° 4	27°52	15°21	6°50	28°31	29°16	15°50	14°37	29° 3	24°36	S 9
S 10	21 24 36	19°27'40	25°22	14°48	27°48	1°43	27°50	15°16	6°50	28°31	29°19	15°39	14°33	29° 9	24°33	S 10
M11	21 28 32	20°25'46	7♈20	15°14	29° 2	2°21	27°47	15°12	6°50	28°31	29°21	15°30	14°30	29°16	24°30	M11
T 12	21 32 29	21°23'54	19°24	15°34	0♌15	3° 0	27°46	15° 7	6°50	28°30	29°23	15°23	14°27	29°23	24°27	T 12
W13	21 36 25	22°22'03	1♉39	15°50	1°29	3°39	27°44	15° 3	6°D50	28°30	29°25	15°18	14°24	29°30	24°25	W13
T 14	21 40 22	23°20'15	14° 7	16° 0	2°43	4°17	27°42	14°58	6°50	28°29	29°27	15°16	14°21	29°36	24°22	T 14
F 15	21 44 18	24°18'29	26°53	16°R 5	3°56	4°56	27°41	14°54	6°50	28°29	29°29	15°D16	14°17	29°43	24°19	F 15
S 16	21 48 15	25°16'45	10♊ 2	16° 3	5°10	5°35	27°40	14°49	6°50	28°28	29°31	15°R16	14°14	29°50	24°17	S 16
S 17	21 52 12	26°15'03	23°38	15°55	6°24	6°13	27°39	14°45	6°50	28°28	29°34	15°16	14°11	29°56	24°14	S 17
M18	21 56 8	27°13'24	7♋41	15°41	7°38	6°52	27°38	14°40	6°50	28°27	29°36	15°14	14° 8	0♓ 3	24°11	M18
T 19	22 0 5	28°11'46	22°13	15°21	8°52	7°31	27°37	14°36	6°51	28°27	29°38	15°10	14° 5	0°10	24° 9	T 19
W20	22 4 1	29°10'11	7♌ 8	14°53	10° 6	8°10	27°37	14°32	6°51	28°26	29°40	15° 4	14° 2	0°17	24° 6	W20
T 21	22 7 58	0♍ 8'37	22°21	14°19	11°20	8°49	27°36	14°27	6°51	28°25	29°42	14°54	13°58	0°23	24° 4	T 21
F 22	22 11 54	1° 7'06	7♍41	13°39	12°34	9°28	27°D36	14°23	6°52	28°24	29°44	14°44	13°55	0°30	24° 2	F 22
S 23	22 15 51	2° 5'36	22°57	12°53	13°48	10° 7	27°37	14°19	6°52	28°24	29°46	14°33	13°52	0°37	23°59	S 23
S 24	22 19 47	3° 4'08	7♎56	12° 1	15° 2	10°46	27°37	14°15	6°53	28°23	29°49	14°24	13°49	0°44	23°57	S 24
M25	22 23 44	4° 2'42	22°32	11° 4	16°16	11°25	27°37	14°11	6°53	28°22	29°51	14°16	13°46	0°50	23°55	M25
T 26	22 27 40	5° 1'17	6♏40	10° 4	17°30	12° 4	27°38	14° 6	6°54	28°21	29°53	14°12	13°42	0°57	23°53	T 26
W27	22 31 37	5°59'55	20°18	9° 1	18°45	12°43	27°39	14° 2	6°55	28°20	29°55	14° 9	13°39	1° 4	23°51	W27
T 28	22 35 34	6°58'34	3♐29	7°57	19°59	13°22	27°40	13°58	6°55	28°19	29°57	14° 8	13°36	1°10	23°48	T 28
F 29	22 39 30	7°57'15	16°15	6°54	21°13	14° 1	27°42	13°54	6°56	28°19	29°59	14° 8	13°33	1°17	23°46	F 29
S 30	22 43 27	8°55'58	28°42	5°52	22°28	14°40	27°43	13°50	6°57	28°18	0♍ 1	14° 8	13°30	1°24	23°44	S 30
S 31	22 47 23	9♍54'42	10♏54	4♍53	23♌42	15♍19	27♐45	13♒47	6♐58	28♈17	0♍ 4	14♐ 6	13♐27	1♓31	23♏43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n39	22s28	0s53	6n57	1s47	22n43	0n11	13n57	1n 4	23s50	0s14	17s38	1s32	21s38	0s 2	9n15	1s54	25n 0	14n 3	22s56	22s45	7s35	14s40	6n43
S 2	17 23	22 56	0n14	6 26	1 57	22 37	0 14	13 44	1 4	23 50	0 14	17 39	1 32	21 38	0 2	9 15	1 54	24 59	14 3	22 56	22 45	7 32	14 40	6 43
S 3	17 7	22 16	1 19	5 55	2 8	22 29	0 17	13 30	1 3	23 50	0 14	17 41	1 32	21 38	0 2	9 15	1 54	24 58	14 3	22 56	22 45	7 29	14 41	6 43
M 4	16 50	20 33	2 20	5 26	2 18	22 21	0 19	13 17	1 3	23 50	0 15	17 42	1 32	21 38	0 2	9 15	1 54	24 57	14 3	22 56	22 44	7 27	14 42	6 43
T 5	16 33	17 57	3 13	4 58	2 28	22 12	0 22	13 3	1 3	23 50	0 15	17 44	1 33	21 38	0 2	9 15	1 54	24 57	14 3	22 55	22 44	7 24	14 42	6 43
W 6	16 16	14 36	3 58	4 32	2 38	22 3	0 24	12 49	1 2	23 50	0 15	17 45	1 33	21 38	0 2	9 15	1 54	24 56	14 3	22 54	22 44	7 22	14 43	6 43
T 7	15 59	10 42	4 32	4 6	2 48	21 52	0 27	12 35	1 2	23 50	0 15	17 46	1 33	21 38	0 2	9 15	1 54	24 55	14 3	22 53	22 43	7 19	14 44	6 43
F 8	15 41	6 25	4 53	3 43	2 57	21 42	0 29	12 21	1 2	23 50	0 15	17 48	1 33	21 38	0 2	9 14	1 55	24 54	14 3	22 52	22 43	7 17	14 44	6 42
S 9	15 23	1 53	5 3	3 21	3 7	21 30	0 32	12 7	1 1	23 50	0 15	17 49	1 33	21 38	0 2	9 14	1 55	24 53	14 3	22 51	22 42	7 14	14 45	6 42
S 10	15 5	2n43	4 59	3 1	3 16	21 18	0 34	11 53	1 1	23 50	0 15	17 51	1 33	21 38	0 2	9 14	1 55	24 53	14 3	22 49	22 42	7 12	14 46	6 42
M11	14 47	7 14	4 41	2 43	3 25	21 5	0 37	11 39	1 1	23 50	0 15	17 52	1 33	21 38	0 2	9 14	1 55	24 52	14 3	22 48	22 42	7 9	14 46	6 42
T 12	14 28	11 31	4 12	2 27	3 33	20 52	0 39	11 25	1 0	23 50	0 15	17 54	1 33	21 38	0 2	9 14	1 55	24 51	14 3	22 48	22 41	7 7	14 47	6 42
W13	14 9	15 24	3 30	2 14	3 41	20 38	0 41	11 10	1 0	23 50	0 15	17 55	1 33	21 38	0 2	9 14	1 55	24 50	14 3	22 47	22 41	7 4	14 48	6 41
T 14	13 50	18 41	2 38	2 3	3 48	20 23	0 43	10 56	1 0	23 51	0 16	17 56	1 33	21 38	0 2	9 13	1 55	24 49	14 3	22 47	22 41	7 2	14 49	6 41
F 15	13 31	21 9	1 36	1 56	3 55	20 8	0 46	10 41	0 59	23 51	0 16	17 58	1 33	21 38	0 2	9 13	1 55	24 49	14 3	22 47	22 40	6 59	14 49	6 41
S 16	13 11	22 34	0 28	1 51	4 0	19 53	0 48	10 27	0 59	23 51	0 16	17 59	1 33	21 38	0 2	9 13	1 55	24 48	14 3	22 47	22 40	6 56	14 50	6 41
S 17	12 51	22 43	0s44	1 50	4 5	19 36	0 50	10 12	0 59	23 51	0 16	18 0	1 33	21 38	0 2	9 13	1 55	24 47	14 3	22 47	22 40	6 54	14 51	6 40
M18	12 31	21 27	1 56	1 52	4 9	19 19	0 52	9 57	0 58	23 51	0 16	18 2	1 33	21 38	0 2	9 12	1 55	24 46	14 3	22 47	22 39	6 51	14 51	6 40
T 19	12 11	18 45	3 2	1 57	4 11	19 2	0 54	9 42	0 58	23 51	0 16	18 3	1 33	21 38	0 2	9 12	1 55	24 46	14 3	22 46	22 39	6 49	14 52	6 40
W20	11 50	14 46	3 58	2 7	4 12	18 44	0 56	9 27	0 58	23 51	0 16	18 4	1 33	21 38	0 2	9 12	1 55	24 45	14 3	22 46	22 38	6 46	14 53	6 40
T 21	11 30	9 46	4 38	2 20	4 12	18 25	0 58	9 12	0 57	23 51	0 16	18 6	1 33	21 38	0 2	9 11	1 55	24 44	14 3	22 45	22 38	6 44	14 53	6 39
F 22	11 9	4 7	4 59	2 37	4 10	18 6	1 0	8 57	0 57	23 51	0 16	18 7	1 33	21 38	0 2	9 11	1 55	24 43	14 3	22 43	22 38	6 41	14 54	6 39
S 23	10 48	1s44	4 58	2 59	4 6	17 47	1 1	8 42	0 57	23 51	0 16	18 8	1 33	21 38	0 2	9 11	1 55	24 43	14 3	22 42	22 37	6 39	14 55	6 39
S 24	10 27	7 24	4 36	3 24	4 1	17 27	1 3	8 27	0 56	23 51	0 16	18 9	1 33	21 38	0 2	9 10	1 55	24 42	14 3	22 41	22 37	6 36	14 55	6 38
M25	10 6	12 29	3 57	3 52	3 53	17 6	1 5	8 12	0 56	23 51	0 17	18 11	1 33	21 38	0 2	9 10	1 56	24 41	14 3	22 40	22 36	6 34	14 56	6 38
T 26	9 44	16 44	3 4	4 24	3 44	16 45	1 7	7 56	0 56	23 51	0 17	18 12	1 34	21 38	0 2	9 10	1 56	24 40	14 3	22 40	22 36	6 31	14 57	6 38
W27	9 22	19 55	2 3	4 58	3 32	16 23	1 8	7 41	0 55	23 52	0 17	18 13	1 34	21 39	0 2	9 9	1 56	24 40	14 3	22 39	22 36	6 29	14 57	6 37
T 28	9 1	21 55	0 56	5 34	3 19	16 1	1 10	7 26	0 55	23 52	0 17	18 14	1 34	21 39	0 2	9 9	1 56	24 39	14 4	22 39	22 35	6 26	14 58	6 37
F 29	8 39	22 42	0n11	6 12	3 4	15 39	1 11	7 10	0 55	23 52	0 17	18 15	1 34	21 39	0 2	9 9	1 56	24 38	14 4	22 39	22 35	6 23	14 59	6 37
S 30	8 17	22 20	1 16	6 50	2 47	15 16	1 13	6 55	0 54	23 52	0 17	18 17	1 34	21 39	0 2	9 8	1 56	24 38	14 4	22 39	22 35	6 21	14 59	6 36
S 31	7n54	20s53	2n16	7n28	2s29	14n52	1n14	6n39	0n54	23s52	0s17	18s18	1s34	21s39	0s 2	9n 8	1s56	24n37	14n 4	22s39	22s34	6s18	15s 0	6n36

Julian Day Number = 1986806.5, Delta T = 56m40s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°00'58, Lahiri = 6°07'58 Julian Calendar 1 Aug. 727 == Greg. Calendar 5 Aug. 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

SEPTEMBER 727 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 51 20	10♍53'28	22♉57	4°R 0	24♌56	15♍59	27♐47	13°R43	6♐59	28°R16	0♍ 6	14°R 1	13♐23	1♓37	23°R41	M 1
T 2	22 55 16	11°52'16	4♒52	3♍13	26°11	16°38	27°49	13♒39	7° 0	28♈15	0° 8	13♐54	13°20	1°44	23♉39	T 2
W 3	22 59 13	12°51'06	16°45	2°33	27°25	17°17	27°51	13°35	7° 1	28°14	0°10	13°43	13°17	1°51	23°37	W 3
T 4	23 3 9	13°49'58	28°37	2° 3	28°40	17°57	27°53	13°32	7° 2	28°12	0°12	13°30	13°14	1°57	23°36	T 4
F 5	23 7 6	14°48'52	10♓30	1°41	29°54	18°36	27°56	13°28	7° 3	28°11	0°14	13°16	13°11	2° 4	23°34	F 5
S 6	23 11 3	15°47'48	22°25	1°30	1♍ 9	19°15	27°59	13°25	7° 4	28°10	0°16	13° 2	13° 8	2°11	23°32	S 6
S 7	23 14 59	16°46'46	4♈25	1°D28	2°24	19°55	28° 2	13°21	7° 5	28° 9	0°18	12°48	13° 4	2°18	23°31	S 7
M 8	23 18 56	17°45'46	16°29	1°38	3°38	20°34	28° 5	13°18	7° 7	28° 8	0°20	12°37	13° 1	2°24	23°29	M 8
T 9	23 22 52	18°44'48	28°41	1°57	4°53	21°14	28° 8	13°15	7° 8	28° 7	0°22	12°28	12°58	2°31	23°28	T 9
W10	23 26 49	19°43'53	11♉ 1	2°26	6° 8	21°53	28°12	13°12	7° 9	28° 5	0°25	12°22	12°55	2°38	23°27	W10
T 11	23 30 45	20°43'00	23°33	3° 4	7°22	22°33	28°16	13° 8	7°11	28° 4	0°27	12°19	12°52	2°44	23°25	T 11
F 12	23 34 42	21°42'09	6♊19	3°51	8°37	23°12	28°20	13° 5	7°12	28° 3	0°29	12°17	12°48	2°51	23°24	F 12
S 13	23 38 38	22°41'21	19°25	4°46	9°52	23°52	28°24	13° 2	7°14	28° 2	0°31	12°17	12°45	2°58	23°23	S 13
S 14	23 42 35	23°40'35	2♋53	5°49	11° 7	24°32	28°28	12°59	7°15	28° 0	0°33	12°17	12°42	3° 5	23°22	S 14
M15	23 46 32	24°39'52	16°45	6°58	12°22	25°11	28°33	12°57	7°17	27°59	0°35	12°16	12°39	3°11	23°21	M15
T 16	23 50 28	25°39'11	1♌ 4	8°13	13°37	25°51	28°37	12°54	7°19	27°58	0°37	12°12	12°36	3°18	23°20	T 16
W17	23 54 25	26°38'32	15°46	9°33	14°52	26°31	28°42	12°51	7°20	27°56	0°39	12° 5	12°33	3°25	23°19	W17
T 18	23 58 21	27°37'56	0♍47	10°58	16° 6	27°11	28°47	12°49	7°22	27°55	0°41	11°56	12°29	3°32	23°19	T 18
F 19	0 2 18	28°37'21	15°59	12°26	17°21	27°51	28°52	12°46	7°24	27°53	0°43	11°46	12°26	3°38	23°18	F 19
S 20	0 6 14	29°36'49	1♎10	13°57	18°36	28°31	28°57	12°44	7°26	27°52	0°45	11°35	12°23	3°45	23°17	S 20
S 21	0 10 11	0♎36'19	16°11	15°32	19°52	29°11	29° 3	12°42	7°28	27°51	0°46	11°25	12°20	3°52	23°17	S 21
M22	0 14 7	1°35'52	0♏52	17° 8	21° 7	29°51	29° 9	12°39	7°30	27°49	0°48	11°18	12°17	3°58	23°16	M22
T 23	0 18 4	2°35'26	15° 6	18°46	22°22	0♎31	29°14	12°37	7°32	27°48	0°50	11°13	12°14	4° 5	23°16	T 23
W24	0 22 0	3°35'02	28°51	20°26	23°37	1°11	29°20	12°35	7°34	27°46	0°52	11°10	12°10	4°12	23°15	W24
T 25	0 25 57	4°34'39	12♐ 8	22° 6	24°52	1°51	29°27	12°33	7°36	27°45	0°54	11°D 9	12° 7	4°19	23°15	T 25
F 26	0 29 54	5°34'19	24°58	23°48	26° 7	2°31	29°33	12°31	7°38	27°43	0°56	11°10	12° 4	4°25	23°15	F 26
S 27	0 33 50	6°34'01	7♉27	25°29	27°22	3°11	29°39	12°30	7°40	27°41	0°58	11°R10	12° 1	4°32	23°14	S 27
S 28	0 37 47	7°33'44	19°40	27°12	28°37	3°51	29°46	12°28	7°42	27°40	1° 0	11° 9	11°58	4°39	23°14	S 28
M29	0 41 43	8°33'29	1♒41	28°54	29°53	4°31	29°53	12°26	7°44	27°38	1° 1	11° 6	11°54	4°45	23°D14	M29
T 30	0 45 40	9♎33'15	13♒35	0♎36	1♎ 8	5♎12	29♐59	12♒25	7♐47	27♈37	1♍ 3	11♐ 1	11♐51	4♓52	23♉14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n32	18s31	3n10	8n 5	2s10	14n29	1n15	6n23	0n54	23s52	0s17	18s19	1s34	21s39	0s 2	9n 7	1s56	24n36	14n 4	22s38	22s34	6s16	15s 1	6n36
T 2	7 9	15 24	3 54	8 41	1 51	14 4	1 16	6 8	0 53	23 52	0 17	18 20	1 34	21 39	0 2	9 7	1 56	24 36	14 4	22 37	22 33	6 13	15 1	6 35
W 3	6 47	11 40	4 27	9 14	1 31	13 40	1 18	5 52	0 53	23 52	0 17	18 21	1 34	21 40	0 2	9 7	1 56	24 35	14 4	22 36	22 33	6 11	15 2	6 35
T 4	6 24	7 31	4 49	9 43	1 11	13 15	1 19	5 36	0 52	23 52	0 17	18 22	1 33	21 40	0 2	9 6	1 56	24 34	14 5	22 35	22 33	6 8	15 3	6 35
F 5	6 1	3 4	4 59	10 9	0 51	12 49	1 20	5 20	0 52	23 53	0 17	18 23	1 33	21 40	0 2	9 6	1 56	24 34	14 5	22 33	22 32	6 6	15 3	6 34
S 6	5 38	1n30	4 55	10 31	0 32	12 24	1 21	5 4	0 52	23 53	0 17	18 24	1 33	21 40	0 2	9 5	1 56	24 33	14 5	22 31	22 32	6 3	15 4	6 34
S 7	5 15	6 1	4 39	10 49	0 13	11 58	1 22	4 48	0 51	23 53	0 18	18 25	1 33	21 40	0 2	9 5	1 56	24 33	14 5	22 29	22 31	6 1	15 4	6 34
M 8	4 52	10 21	4 9	11 2	0n 4	11 31	1 22	4 32	0 51	23 53	0 18	18 26	1 33	21 41	0 2	9 4	1 56	24 32	14 5	22 28	22 31	5 58	15 5	6 33
T 9	4 29	14 19	3 28	11 10	0 21	11 4	1 23	4 16	0 51	23 53	0 18	18 27	1 33	21 41	0 2	9 4	1 56	24 31	14 5	22 27	22 31	5 56	15 6	6 33
W10	4 6	17 43	2 37	11 14	0 36	10 37	1 24	4 0	0 50	23 53	0 18	18 28	1 33	21 41	0 2	9 3	1 56	24 31	14 6	22 26	22 30	5 53	15 6	6 32
T 11	3 42	20 21	1 37	11 13	0 50	10 10	1 24	3 44	0 50	23 53	0 18	18 29	1 33	21 41	0 2	9 3	1 56	24 30	14 6	22 25	22 30	5 50	15 7	6 32
F 12	3 19	22 2	0 32	11 8	1 2	9 42	1 25	3 28	0 49	23 53	0 18	18 30	1 33	21 42	0 2	9 2	1 56	24 30	14 6	22 25	22 29	5 48	15 7	6 32
S 13	2 55	22 33	0s38	10 58	1 13	9 14	1 26	3 12	0 49	23 54	0 18	18 30	1 33	21 42	0 2	9 2	1 56	24 29	14 6	22 25	22 29	5 45	15 8	6 31
S 14	2 32	21 48	1 47	10 44	1 23	8 46	1 26	2 56	0 49	23 54	0 18	18 31	1 33	21 42	0 2	9 1	1 56	24 29	14 6	22 25	22 29	5 43	15 9	6 31
M15	2 8	19 42	2 52	10 26	1 31	8 18	1 26	2 40	0 48	23 54	0 18	18 32	1 33	21 42	0 2	9 1	1 57	24 28	14 7	22 25	22 28	5 40	15 9	6 30
T 16	1 44	16 21	3 48	10 4	1 39	7 49	1 27	2 23	0 48	23 54	0 18	18 33	1 33	21 43	0 2	9 0	1 57	24 28	14 7	22 25	22 28	5 38	15 10	6 30
W17	1 21	11 55	4 31	9 39	1 45	7 20	1 27	2 7	0 47	23 54	0 18	18 33	1 33	21 43	0 2	9 0	1 57	24 27	14 7	22 24	22 27	5 35	15 10	6 30
T 18	0 57	6 40	4 56	9 11	1 49	6 51	1 27	1 51	0 47	23 54	0 18	18 34	1 33	21 43	0 2	8 59	1 57	24 27	14 7	22 23	22 27	5 33	15 11	6 29
F 19	0 33	0 57	5 1	8 41	1 53	6 22	1 27	1 34	0 47	23 54	0 18	18 35	1 33	21 44	0 2	8 59	1 57	24 26	14 8	22 21	22 26	5 30	15 11	6 29
S 20	0 9	4s49	4 44	8 8	1 56	5 52	1 27	1 18	0 46	23 54	0 18	18 35	1 33	21 44	0 2	8 58	1 57	24 26	14 8	22 20	22 26	5 28	15 12	6 28
S 21	0s15	10 13	4 8	7 33	1 57	5 23	1 27	1 2	0 46	23 54	0 18	18 36	1 33	21 44	0 2	8 58	1 57	24 25	14 8	22 18	22 26	5 25	15 12	6 28
M22	0 38	14 55	3 17	6 56	1 58	4 53	1 27	0 45	0 45	23 55	0 19	18 37	1 33	21 45	0 2	8 57	1 57	24 25	14 9	22 17	22 25	5 22	15 13	6 28
T 23	1 2	18 36	2 14	6 17	1 58	4 23	1 27	0 29	0 45	23 55	0 19	18 37	1 33	21 45	0 2	8 57	1 57	24 24	14 9	22 17	22 25	5 20	15 13	6 27
W24	1 26	21 6	1 5	5 37	1 57	3 53	1 27	0 12	0 44	23 55	0 19	18 38	1 33	21 45	0 2	8 56	1 57	24 24	14 9	22 16	22 24	5 17	15 14	6 27
T 25	1 50	22 19	0n 5	4 56	1 56	3 22	1 26	0s 4	0 44	23 55	0 19	18 38	1 33	21 46	0 2	8 56	1 57	24 23	14 9	22 16	22 24	5 15	15 14	6 26
F 26	2 14	22 18	1 13	4 13	1 54	2 52	1 26	0 20	0 44	23 55	0 19	18 39	1 33	21 46	0 2	8 55	1 57	24 23	14 10	22 16	22 24	5 12	15 15	6 26
S 27	2 37	21 8	2 15	3 30	1 51	2 22	1 26	0 37	0 43	23 55	0 19	18 39	1 33	21 46	0 2	8 54	1 57	24 23	14 10	22 16	22 23	5 10	15 15	6 25
S 28	3 1	19 1	3 10	2 47	1 48	1 51	1 25	0 53	0 43	23 55	0 19	18 39	1 32	21 47	0 2	8 54	1 57	24 22	14 10	22 16	22 23	5 7	15 16	6 25
M29	3 25	16 6	3 55	2 2	1 45	1 20	1 25	1 10	0 42	23 55	0 19	18 40	1 32	21 47	0 2	8 53	1 57	24 22	14 11	22 16	22 22	5 5	15 16	6 25
T 30	3s49	12s33	4n30	1n18	1n41	0n50	1n24	1s26	0n42	23s55	0s19	18s40	1s32	21s47	0s 2	8n53	1s57	24n21	14n11	22s15	22s22	5s 2	15s16	6n24

Julian Day Number = 1986837.5, Delta T = 56m40s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'02, Lahiri = 6°08'02 Julian Calendar 1 Sept. 727 == Greg. Calendar 5 Sept. 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

OCTOBER 727 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 49 36	10♎33'04	25♒26	2♎19	2♎23	5♎52	0♉ 7	12°R24	7♐49	27°R35	1♍ 5	10°R53	11♐48	4♓59	23♉14	W 1
T 2	0 53 33	11°32'54	7♓18	4° 1	3°38	6°32	0°14	12♒22	7°51	27♈34	1° 7	10♐44	11°45	5° 6	23°15	T 2
F 3	0 57 29	12°32'46	19°14	5°43	4°53	7°13	0°21	12°21	7°54	27°32	1° 8	10°33	11°42	5°12	23°15	F 3
S 4	1 1 26	13°32'40	1♈15	7°24	6° 9	7°53	0°29	12°20	7°56	27°30	1°10	10°21	11°39	5°19	23°15	S 4
S 5	1 5 23	14°32'36	13°23	9° 5	7°24	8°33	0°37	12°19	7°59	27°29	1°12	10°10	11°35	5°26	23°15	S 5
M 6	1 9 19	15°32'34	25°39	10°46	8°39	9°14	0°45	12°18	8° 1	27°27	1°13	10° 1	11°32	5°33	23°16	M 6
T 7	1 13 16	16°32'34	8♉ 4	12°26	9°55	9°54	0°52	12°18	8° 4	27°25	1°15	9°54	11°29	5°39	23°16	T 7
W 8	1 17 12	17°32'36	20°38	14° 6	11°10	10°35	1° 1	12°17	8° 6	27°24	1°17	9°50	11°26	5°46	23°17	W 8
T 9	1 21 9	18°32'40	3♊23	15°46	12°25	11°16	1° 9	12°16	8° 9	27°22	1°18	9°48	11°23	5°53	23°18	T 9
F 10	1 25 5	19°32'47	16°20	17°25	13°41	11°56	1°17	12°16	8°12	27°20	1°20	9°D48	11°19	5°59	23°18	F 10
S 11	1 29 2	20°32'55	29°32	19° 3	14°56	12°37	1°26	12°16	8°14	27°19	1°21	9°49	11°16	6° 6	23°19	S 11
S 12	1 32 58	21°33'06	13♋ 1	20°42	16°11	13°18	1°34	12°15	8°17	27°17	1°23	9°50	11°13	6°13	23°20	S 12
M13	1 36 55	22°33'19	26°48	22°19	17°27	13°58	1°43	12°15	8°20	27°15	1°25	9°R51	11°10	6°20	23°21	M13
T 14	1 40 52	23°33'33	10♌53	23°57	18°42	14°39	1°52	12°D15	8°23	27°14	1°26	9°49	11° 7	6°26	23°22	T 14
W15	1 44 48	24°33'50	25°17	25°34	19°57	15°20	2° 1	12°15	8°26	27°12	1°27	9°46	11° 4	6°33	23°23	W15
T 16	1 48 45	25°34'09	9♍56	27°10	21°13	16° 1	2°10	12°15	8°28	27°10	1°29	9°41	11° 0	6°40	23°24	T 16
F 17	1 52 41	26°34'31	24°45	28°46	22°28	16°42	2°20	12°16	8°31	27° 9	1°30	9°34	10°57	6°46	23°25	F 17
S 18	1 56 38	27°34'54	9♎35	0♏22	23°44	17°23	2°29	12°16	8°34	27° 7	1°32	9°27	10°54	6°53	23°26	S 18
S 19	2 0 34	28°35'18	24°20	1°57	24°59	18° 4	2°39	12°17	8°37	27° 5	1°33	9°21	10°51	7° 0	23°28	S 19
M20	2 4 31	29°35'45	8♏50	3°32	26°15	18°45	2°48	12°17	8°40	27° 3	1°34	9°16	10°48	7° 7	23°29	M20
T 21	2 8 27	0♏36'13	23° 0	5° 7	27°30	19°26	2°58	12°18	8°43	27° 2	1°36	9°13	10°45	7°13	23°31	T 21
W22	2 12 24	1°36'43	6♐46	6°41	28°46	20° 7	3° 8	12°19	8°46	27° 0	1°37	9°D12	10°41	7°20	23°32	W22
T 23	2 16 21	2°37'15	20° 6	8°16	0♏ 1	20°48	3°18	12°20	8°49	26°58	1°38	9°12	10°38	7°27	23°34	T 23
F 24	2 20 17	3°37'48	3♉ 1	9°49	1°17	21°30	3°28	12°21	8°53	26°57	1°39	9°14	10°35	7°34	23°35	F 24
S 25	2 24 14	4°38'22	15°35	11°23	2°32	22°11	3°39	12°22	8°56	26°55	1°41	9°15	10°32	7°40	23°37	S 25
S 26	2 28 10	5°38'58	27°51	12°56	3°48	22°52	3°49	12°23	8°59	26°53	1°42	9°17	10°29	7°47	23°39	S 26
M27	2 32 7	6°39'34	9♒54	14°29	5° 3	23°33	3°59	12°24	9° 2	26°52	1°43	9°R17	10°25	7°54	23°41	M27
T 28	2 36 3	7°40'12	21°49	16° 2	6°18	24°15	4°10	12°26	9° 5	26°50	1°44	9°16	10°22	8° 0	23°43	T 28
W29	2 40 0	8°40'52	3♓41	17°35	7°34	24°56	4°21	12°27	9° 8	26°48	1°45	9°13	10°19	8° 7	23°45	W29
T 30	2 43 56	9°41'32	15°34	19° 7	8°49	25°38	4°32	12°29	9°12	26°47	1°46	9° 9	10°16	8°14	23°47	T 30
F 31	2 47 53	10♏42'14	27♓33	20♏40	10♏ 5	26♎19	4♉42	12♒31	9♐15	26♈45	1♍47	9♐ 5	10♐13	8♓21	23♉49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s12	8s32	4n53	0n33	1n36	0n19	1n23	1s43	0n41	23s55	0s19	18s40	1s32	21s48	0s 2	8n52	1s57	24n21	14n11	22s14	22s21	5s 0	15s17	6n24
T 2	4 36	4 12	5 3	0s12	1 31	0s12	1 22	1 59	0 41	23 55	0 19	18 41	1 32	21 48	0 2	8 51	1 57	24 21	14 12	22 12	22 21	4 57	15 17	6 23
F 3	4 59	0n19	5 0	0 58	1 26	0 42	1 22	2 16	0 40	23 55	0 19	18 41	1 32	21 49	0 2	8 51	1 57	24 20	14 12	22 11	22 21	4 55	15 18	6 23
S 4	5 23	4 50	4 44	1 43	1 21	1 13	1 21	2 32	0 40	23 55	0 19	18 41	1 32	21 49	0 2	8 50	1 57	24 20	14 12	22 9	22 20	4 52	15 18	6 22
S 5	5 46	9 14	4 15	2 28	1 16	1 44	1 20	2 49	0 40	23 55	0 19	18 41	1 32	21 49	0 2	8 50	1 57	24 20	14 13	22 8	22 20	4 50	15 18	6 22
M 6	6 10	13 18	3 34	3 13	1 10	2 15	1 19	3 5	0 39	23 55	0 19	18 42	1 32	21 50	0 2	8 49	1 57	24 19	14 13	22 6	22 19	4 47	15 19	6 22
T 7	6 33	16 50	2 42	3 58	1 4	2 46	1 18	3 22	0 39	23 55	0 19	18 42	1 32	21 50	0 2	8 48	1 57	24 19	14 13	22 5	22 19	4 44	15 19	6 21
W 8	6 56	19 39	1 41	4 43	0 58	3 16	1 17	3 38	0 38	23 55	0 20	18 42	1 32	21 51	0 2	8 48	1 57	24 19	14 14	22 5	22 18	4 42	15 19	6 21
T 9	7 19	21 32	0 34	5 27	0 52	3 47	1 16	3 54	0 38	23 55	0 20	18 42	1 32	21 51	0 2	8 47	1 57	24 19	14 14	22 4	22 18	4 39	15 20	6 20
F 10	7 42	22 19	0s35	6 11	0 45	4 17	1 14	4 11	0 37	23 55	0 20	18 42	1 32	21 52	0 2	8 47	1 57	24 18	14 15	22 4	22 17	4 37	15 20	6 20
S 11	8 5	21 52	1 44	6 55	0 39	4 48	1 13	4 27	0 37	23 55	0 20	18 42	1 32	21 52	0 2	8 46	1 57	24 18	14 15	22 4	22 17	4 34	15 20	6 19
S 12	8 27	20 9	2 49	7 38	0 32	5 18	1 12	4 44	0 36	23 55	0 20	18 42	1 31	21 52	0 2	8 45	1 57	24 18	14 15	22 5	22 17	4 32	15 21	6 19
M13	8 50	17 15	3 46	8 21	0 26	5 49	1 10	5 0	0 36	23 55	0 20	18 42	1 31	21 53	0 2	8 45	1 57	24 18	14 16	22 5	22 16	4 29	15 21	6 18
T 14	9 13	13 17	4 30	9 3	0 19	6 19	1 9	5 16	0 35	23 55	0 20	18 42	1 31	21 53	0 2	8 44	1 57	24 18	14 16	22 4	22 16	4 27	15 21	6 18
W15	9 35	8 29	4 59	9 45	0 13	6 49	1 7	5 33	0 35	23 55	0 20	18 42	1 31	21 54	0 2	8 44	1 57	24 17	14 17	22 4	22 15	4 24	15 21	6 18
T 16	9 57	3 8	5 9	10 26	0 6	7 19	1 6	5 49	0 34	23 55	0 20	18 42	1 31	21 54	0 2	8 43	1 57	24 17	14 17	22 3	22 15	4 22	15 22	6 17
F 17	10 19	2s27	4 58	11 7	0s 1	7 49	1 4	6 5	0 34	23 55	0 20	18 42	1 31	21 55	0 2	8 42	1 57	24 17	14 17	22 2	22 14	4 19	15 22	6 17
S 18	10 41	7 55	4 27	11 47	0 7	8 18	1 3	6 21	0 33	23 55	0 20	18 41	1 31	21 55	0 2	8 42	1 57	24 17	14 18	22 1	22 14	4 17	15 22	6 16
S 19	11 3	12 53	3 39	12 27	0 14	8 48	1 1	6 38	0 33	23 55	0 20	18 41	1 31	21 56	0 2	8 41	1 57	24 17	14 18	22 0	22 13	4 14	15 22	6 16
M20	11 24	17 1	2 37	13 6	0 20	9 17	0 59	6 54	0 32	23 55	0 20	18 41	1 31	21 56	0 2	8 40	1 57	24 17	14 19	21 59	22 13	4 12	15 23	6 15
T 21	11 46	20 3	1 27	13 44	0 27	9 46	0 58	7 10	0 32	23 54	0 20	18 41	1 31	21 57	0 2	8 40	1 57	24 17	14 19	21 59	22 13	4 9	15 23	6 15
W22	12 7	21 48	0 13	14 22	0 33	10 14	0 56	7 26	0 31	23 54	0 20	18 40	1 31	21 57	0 2	8 39	1 57	24 17	14 20	21 59	22 12	4 6	15 23	6 15
T 23	12 28	22 15	0n59	14 59	0 40	10 43	0 54	7 42	0 31	23 54	0 20	18 40	1 31	21 58	0 2	8 39	1 57	24 17	14 20	21 59	22 12	4 4	15 23	6 14
F 24	12 49	21 28	2 6	15 35	0 46	11 11	0 52	7 58	0 30	23 54	0 20	18 40	1 30	21 58	0 2	8 38	1 57	24 17	14 20	21 59	22 11	4 1	15 23	6 14
S 25	13 9	19 37	3 5	16 11	0 52	11 39	0 50	8 14	0 30	23 54	0 21	18 39	1 30	21 59	0 2	8 37	1 57	24 17	14 21	21 59	22 11	3 59	15 23	6 13
S 26	13 30	16 54	3 55	16 45	0 59	12 7	0 48	8 30	0 29	23 53	0 21	18 39	1 30	21 59	0 2	8 37	1 57	24 17	14 21	22 0	22 10	3 56	15 23	6 13
M27	13 50	13 31	4 33	17 19	1 5	12 34	0 46	8 46	0 29	23 53	0 21	18 38	1 30	22 0	0 2	8 36	1 57	24 17	14 22	22 0	22 10	3 54	15 23	6 13
T 28	14 10	9 37	4 58	17 52	1 11	13 1	0 44	9 2	0 28	23 53	0 21	18 38	1 30	22 0	0 2	8 36	1 57	24 17	14 22	21 59	22 9	3 51	15 24	6 12
W29	14 29	5 24	5 11	18 25	1 16	13 28	0 42	9 17	0 28	23 53	0 21	18 37	1 30	22 1	0 2	8 35	1 57	24 17	14 23	21 59	22 9	3 49	15 24	6 12
T 30	14 49	0 57	5 11	18 56	1 22	13 55	0 40	9 33	0 27	23 52	0 21	18 37	1 30	22 1	0 2	8 35	1 57	24 17	14 23	21 58	22 8	3 46	15 24	6 11
F 31	15s 8	3n33	4n57	19s27	1s27	14s21	0n38	9s49	0n27	23s52	0s21	18s36	1s30	22s 2	0s 2	8n34	1s57	24n17	14n24	21s58	22s 8	3s44	15s24	6n11

Julian Day Number = 1986867.5, Delta T = 56m39s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'06, Lahiri = 6°08'07 Julian Calendar 1 Oct. 727 == Greg. Calendar 5 Oct. 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

NOVEMBER 727 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 51 50	11♏42'57	9♈39	22♏12	11♏20	27♎ 1	4♑53	12♒33	9♐18	26°R43	1♍48	9°R 0	10♐10	8♓27	23♑51	S 1
S 2	2 55 46	12°43'41	21°56	23°43	12°36	27°42	5° 5	12°35	9°22	26♈42	1°49	8♐55	10° 6	8°34	23°53	S 2
M 3	2 59 43	13°44'26	4♉24	25°15	13°51	28°24	5°16	12°37	9°25	26°40	1°50	8°51	10° 3	8°41	23°55	M 3
T 4	3 3 39	14°45'13	17° 6	26°46	15° 7	29° 5	5°27	12°39	9°28	26°39	1°51	8°48	10° 0	8°48	23°58	T 4
W 5	3 7 36	15°46'01	0♊ 0	28°18	16°22	29°47	5°38	12°41	9°32	26°37	1°52	8°47	9°57	8°54	24° 0	W 5
T 6	3 11 32	16°46'51	13° 7	29°49	17°38	0♏29	5°50	12°43	9°35	26°36	1°53	8°D47	9°54	9° 1	24° 3	T 6
F 7	3 15 29	17°47'42	26°26	1♐19	18°53	1°10	6° 1	12°46	9°39	26°34	1°54	8°47	9°51	9° 8	24° 5	F 7
S 8	3 19 25	18°48'34	9♋57	2°50	20° 9	1°52	6°13	12°48	9°42	26°32	1°54	8°49	9°47	9°14	24° 8	S 8
S 9	3 23 22	19°49'28	23°40	4°20	21°24	2°34	6°25	12°51	9°46	26°31	1°55	8°50	9°44	9°21	24°10	S 9
M10	3 27 19	20°50'23	7♌33	5°50	22°40	3°16	6°37	12°54	9°49	26°29	1°56	8°51	9°41	9°28	24°13	M10
T 11	3 31 15	21°51'20	21°36	7°19	23°55	3°58	6°49	12°56	9°53	26°28	1°57	8°R52	9°38	9°35	24°16	T 11
W12	3 35 12	22°52'18	5♍48	8°48	25°11	4°40	7° 1	12°59	9°56	26°26	1°57	8°51	9°35	9°41	24°19	W12
T 13	3 39 8	23°53'17	20° 7	10°17	26°26	5°22	7°13	13° 2	10° 0	26°25	1°58	8°50	9°31	9°48	24°21	T 13
F 14	3 43 5	24°54'17	4♎29	11°44	27°42	6° 4	7°25	13° 6	10° 3	26°23	1°58	8°49	9°28	9°55	24°24	F 14
S 15	3 47 1	25°55'19	18°50	13°11	28°57	6°46	7°37	13° 9	10° 7	26°22	1°59	8°47	9°25	10° 1	24°27	S 15
S 16	3 50 58	26°56'22	3♏ 6	14°38	0♐13	7°28	7°49	13°12	10°10	26°21	2° 0	8°45	9°22	10° 8	24°30	S 16
M17	3 54 54	27°57'26	17°12	16° 3	1°28	8°10	8° 2	13°15	10°14	26°19	2° 0	8°44	9°19	10°15	24°33	M17
T 18	3 58 51	28°58'31	1♐ 3	17°27	2°44	8°53	8°14	13°19	10°17	26°18	2° 1	8°43	9°16	10°22	24°37	T 18
W19	4 2 48	29°59'37	14°36	18°49	3°59	9°35	8°27	13°23	10°21	26°16	2° 1	8°D43	9°12	10°28	24°40	W19
T 20	4 6 44	1♐ 0'44	27°50	20°10	5°15	10°17	8°39	13°26	10°25	26°15	2° 1	8°44	9° 9	10°35	24°43	T 20
F 21	4 10 41	2° 1'51	10♑44	21°29	6°30	10°59	8°52	13°30	10°28	26°14	2° 2	8°44	9° 6	10°42	24°46	F 21
S 22	4 14 37	3° 2'59	23°19	22°46	7°46	11°42	9° 5	13°34	10°32	26°13	2° 2	8°45	9° 3	10°49	24°49	S 22
S 23	4 18 34	4° 4'07	5♒38	24° 0	9° 1	12°24	9°18	13°38	10°35	26°11	2° 2	8°46	9° 0	10°55	24°53	S 23
M24	4 22 30	5° 5'15	17°44	25°11	10°17	13° 7	9°30	13°42	10°39	26°10	2° 3	8°46	8°56	11° 2	24°56	M24
T 25	4 26 27	6° 6'24	29°40	26°19	11°32	13°49	9°43	13°46	10°43	26° 9	2° 3	8°46	8°53	11° 9	25° 0	T 25
W26	4 30 23	7° 7'33	11♓33	27°22	12°48	14°32	9°56	13°50	10°46	26° 8	2° 3	8°R46	8°50	11°15	25° 3	W26
T 27	4 34 20	8° 8'43	23°27	28°20	14° 3	15°14	10° 9	13°54	10°50	26° 6	2° 3	8°46	8°47	11°22	25° 7	T 27
F 28	4 38 17	9° 9'52	5♈25	29°13	15°19	15°57	10°23	13°59	10°53	26° 5	2° 3	8°D46	8°44	11°29	25°10	F 28
S 29	4 42 13	10°11'02	17°33	0♑ 0	16°34	16°39	10°36	14° 3	10°57	26° 4	2° 3	8°46	8°41	11°36	25°14	S 29
S 30	4 46 10	11♐12'13	29♈55	0♑40	17♐50	17♏22	10♑49	14♒ 8	11♐ 1	26♈ 3	2♍ 4	8♐47	8♐37	11♓42	25♑18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s27	7n58	4n29	19s56	1s33	14s46	0n36	10s 4	0n26	23s52	0s21	18s35	1s30	22s 2	0s 2	8n33	1s57	24n17	14n24	21s57	22s 7	3s41	15s24	6n11
S 2	15 46	12 8	3 49	20 25	1 38	15 12	0 33	10 20	0 26	23 51	0 21	18 35	1 30	22 3	0 2	8 33	1 57	24 17	14 25	21 56	22 7	3 39	15 24	6 10
M 3	16 4	15 52	2 58	20 52	1 43	15 37	0 31	10 35	0 25	23 51	0 21	18 34	1 30	22 3	0 2	8 32	1 57	24 17	14 25	21 56	22 7	3 36	15 24	6 10
T 4	16 22	18 55	1 56	21 19	1 47	16 1	0 29	10 51	0 24	23 50	0 21	18 33	1 29	22 4	0 2	8 32	1 57	24 17	14 26	21 55	22 6	3 34	15 24	6 9
W 5	16 40	21 4	0 48	21 44	1 52	16 25	0 27	11 6	0 24	23 50	0 21	18 33	1 29	22 4	0 2	8 31	1 57	24 17	14 26	21 55	22 6	3 31	15 24	6 9
T 6	16 58	22 8	0s24	22 8	1 56	16 49	0 24	11 21	0 23	23 50	0 21	18 32	1 29	22 5	0 2	8 31	1 57	24 17	14 27	21 55	22 5	3 29	15 24	6 9
F 7	17 15	21 57	1 36	22 31	2 0	17 12	0 22	11 36	0 23	23 49	0 21	18 31	1 29	22 5	0 2	8 30	1 57	24 17	14 27	21 55	22 5	3 26	15 24	6 8
S 8	17 32	20 30	2 44	22 53	2 4	17 35	0 20	11 51	0 22	23 49	0 21	18 30	1 29	22 6	0 2	8 30	1 57	24 18	14 28	21 55	22 4	3 24	15 24	6 8
S 9	17 49	17 51	3 43	23 14	2 7	17 57	0 18	12 6	0 22	23 48	0 21	18 30	1 29	22 6	0 2	8 29	1 57	24 18	14 28	21 55	22 4	3 21	15 23	6 8
M10	18 5	14 9	4 30	23 34	2 10	18 19	0 15	12 21	0 21	23 48	0 21	18 29	1 29	22 7	0 2	8 28	1 57	24 18	14 29	21 56	22 3	3 18	15 23	6 7
T 11	18 21	9 38	5 2	23 52	2 13	18 40	0 13	12 36	0 21	23 47	0 22	18 28	1 29	22 7	0 2	8 28	1 57	24 18	14 29	21 56	22 3	3 16	15 23	6 7
W12	18 37	4 33	5 15	24 9	2 15	19 1	0 10	12 51	0 20	23 47	0 22	18 27	1 29	22 8	0 2	8 27	1 57	24 18	14 30	21 56	22 2	3 13	15 23	6 6
T 13	18 52	0s48	5 10	24 24	2 17	19 22	0 8	13 6	0 19	23 46	0 22	18 26	1 29	22 8	0 2	8 27	1 57	24 19	14 30	21 55	22 2	3 11	15 23	6 6
F 14	19 7	6 9	4 45	24 38	2 19	19 41	0 6	13 20	0 19	23 45	0 22	18 25	1 29	22 9	0 2	8 26	1 57	24 19	14 31	21 55	22 1	3 8	15 23	6 6
S 15	19 22	11 9	4 2	24 51	2 20	20 1	0 3	13 35	0 18	23 45	0 22	18 24	1 29	22 10	0 2	8 26	1 57	24 19	14 31	21 55	22 1	3 6	15 23	6 5
S 16	19 36	15 31	3 5	25 2	2 20	20 19	0 1	13 49	0 18	23 44	0 22	18 23	1 28	22 10	0 2	8 25	1 57	24 19	14 32	21 55	22 0	3 3	15 23	6 5
M17	19 50	18 57	1 56	25 12	2 20	20 37	0s 1	14 3	0 17	23 43	0 22	18 22	1 28	22 11	0 2	8 25	1 57	24 20	14 32	21 55	22 0	3 1	15 22	6 5
T 18	20 4	21 12	0 42	25 20	2 20	20 55	0 4	14 18	0 17	23 43	0 22	18 21	1 28	22 11	0 3	8 25	1 57	24 20	14 33	21 54	21 59	2 58	15 22	6 4
W19	20 17	22 10	0n33	25 26	2 19	21 12	0 6	14 32	0 16	23 42	0 22	18 20	1 28	22 12	0 3	8 24	1 56	24 20	14 33	21 54	21 59	2 56	15 22	6 4
T 20	20 30	21 51	1 44	25 31	2 17	21 28	0 9	14 46	0 15	23 41	0 22	18 19	1 28	22 12	0 3	8 24	1 56	24 21	14 34	21 54	21 58	2 53	15 22	6 4
F 21	20 43	20 22	2 48	25 34	2 15	21 43	0 11	15 0	0 15	23 40	0 22	18 17	1 28	22 13	0 3	8 23	1 56	24 21	14 34	21 55	21 58	2 51	15 21	6 3
S 22	20 55	17 55	3 43	25 35	2 11	21 58	0 13	15 13	0 14	23 40	0 22	18 16	1 28	22 13	0 3	8 23	1 56	24 21	14 35	21 55	21 57	2 48	15 21	6 3
S 23	21 6	14 42	4 26	25 35	2 7	22 13	0 16	15 27	0 14	23 39	0 22	18 15	1 28	22 14	0 3	8 22	1 56	24 22	14 35	21 55	21 57	2 46	15 21	6 3
M24	21 18	10 55	4 56	25 33	2 2	22 26	0 18	15 41	0 13	23 38	0 22	18 14	1 28	22 14	0 3	8 22	1 56	24 22	14 36	21 55	21 56	2 43	15 21	6 3
T 25	21 28	6 46	5 13	25 30	1 57	22 39	0 20	15 54	0 12	23 37	0 22	18 12	1 28	22 15	0 3	8 22	1 56	24 22	14 36	21 55	21 56	2 41	15 20	6 2
W26	21 39	2 24	5 17	25 24	1 50	22 52	0 23	16 7	0 12	23 36	0 23	18 11	1 28	22 15	0 3	8 21	1 56	24 23	14 37	21 55	21 55	2 38	15 20	6 2
T 27	21 49	2n 4	5 7	25 17	1 42	23 4	0 25	16 20	0 11	23 35	0 23	18 10	1 28	22 16	0 3	8 21	1 56	24 23	14 37	21 55	21 55	2 36	15 20	6 2
F 28	21 59	6 30	4 44	25 9	1 33	23 14	0 27	16 33	0 10	23 34	0 23	18 9	1 28	22 16	0 3	8 20	1 56	24 24	14 38	21 55	21 54	2 33	15 19	6 1
S 29	22 8	10 44	4 8	24 59	1 23	23 25	0 30	16 46	0 10	23 33	0 23	18 7	1 28	22 17	0 3	8 20	1 56	24 24	14 38	21 55	21 54	2 31	15 19	6 1
S 30	22s16	14n37	3n19	24s47	1s11	23s34	0s32	16s59	0n 9	23s32	0s23	18s 6	1s27	22s17	0s 3	8n20	1s56	24n25	14n39	21s55	21s53	2s28	15s18	6n 1

Julian Day Number = 1986898.5, Delta T = 56m38s
Ecliptic obliquity = 23°36'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'10, Lahiri = 6°08'11 Julian Calendar 1 Nov. 727 == Greg. Calendar 5 Nov. 727

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ASTRODIENST EPHEMERIS for the year 727
geocentric

DECEMBER 727 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 50 6	12♐13'23	12♉32	1♑11	19♐ 5	18♏ 5	11♑ 2	14♒12	11♐ 4	26°R 2	2♍ 4	8♐47	8♐34	11♓49	25♑21	M 1
T 2	4 54 3	13°14'34	25°27	1°34	20°21	18°48	11°16	14°17	11° 8	26♈ 1	2°R 4	8°47	8°31	11°56	25°25	T 2
W 3	4 57 59	14°15'44	8♊41	1°47	21°36	19°30	11°29	14°22	11°12	26° 0	2° 4	8°R47	8°28	12° 3	25°29	W 3
T 4	5 1 56	15°16'56	22°13	1°R50	22°51	20°13	11°42	14°26	11°15	25°59	2° 3	8°47	8°25	12° 9	25°33	T 4
F 5	5 5 52	16°18'07	6♋ 0	1°41	24° 7	20°56	11°56	14°31	11°19	25°58	2° 3	8°47	8°22	12°16	25°37	F 5
S 6	5 9 49	17°19'19	20° 0	1°20	25°22	21°39	12° 9	14°36	11°23	25°57	2° 3	8°46	8°18	12°23	25°41	S 6
S 7	5 13 46	18°20'31	4♌ 8	0°48	26°38	22°22	12°23	14°41	11°26	25°56	2° 3	8°45	8°15	12°29	25°44	S 7
M 8	5 17 42	19°21'43	18°22	0° 4	27°53	23° 5	12°37	14°46	11°30	25°55	2° 3	8°43	8°12	12°36	25°48	M 8
T 9	5 21 39	20°22'56	2♍38	29♐ 9	29° 8	23°48	12°50	14°52	11°33	25°54	2° 3	8°42	8° 9	12°43	25°52	T 9
W10	5 25 35	21°24'09	16°51	28° 5	0♑24	24°31	13° 4	14°57	11°37	25°54	2° 2	8°D42	8° 6	12°50	25°56	W10
T 11	5 29 32	22°25'22	1♎ 1	26°53	1°39	25°14	13°18	15° 2	11°41	25°53	2° 2	8°42	8° 2	12°56	26° 1	T 11
F 12	5 33 28	23°26'36	15° 4	25°35	2°54	25°57	13°31	15° 8	11°44	25°52	2° 2	8°43	7°59	13° 3	26° 5	F 12
S 13	5 37 25	24°27'49	29° 0	24°15	4°10	26°41	13°45	15°13	11°48	25°51	2° 1	8°44	7°56	13°10	26° 9	S 13
S 14	5 41 21	25°29'03	12♏47	22°54	5°25	27°24	13°59	15°19	11°51	25°51	2° 1	8°45	7°53	13°17	26°13	S 14
M15	5 45 18	26°30'17	26°23	21°35	6°41	28° 7	14°13	15°24	11°55	25°50	2° 1	8°46	7°50	13°23	26°17	M15
T 16	5 49 15	27°31'31	9♐48	20°21	7°56	28°50	14°27	15°30	11°58	25°49	2° 0	8°R47	7°47	13°30	26°21	T 16
W17	5 53 11	28°32'45	22°59	19°14	9°11	29°34	14°41	15°36	12° 2	25°49	2° 0	8°46	7°43	13°37	26°26	W17
T 18	5 57 8	29°33'59	5♑57	18°14	10°27	0♐17	14°55	15°41	12° 5	25°48	1°59	8°44	7°40	13°43	26°30	T 18
F 19	6 1 4	0♑35'12	18°41	17°24	11°42	1° 1	15° 9	15°47	12° 9	25°48	1°59	8°41	7°37	13°50	26°34	F 19
S 20	6 5 1	1°36'25	1♒10	16°44	12°57	1°44	15°23	15°53	12°12	25°47	1°58	8°38	7°34	13°57	26°39	S 20
S 21	6 8 57	2°37'37	13°27	16°13	14°13	2°28	15°37	15°59	12°16	25°47	1°57	8°33	7°31	14° 4	26°43	S 21
M22	6 12 54	3°38'49	25°32	15°52	15°28	3°11	15°51	16° 5	12°19	25°46	1°57	8°29	7°28	14°10	26°47	M22
T 23	6 16 51	4°39'59	7♓29	15°40	16°43	3°55	16° 5	16°11	12°23	25°46	1°56	8°26	7°24	14°17	26°52	T 23
W24	6 20 47	5°41'09	19°21	15°D38	17°58	4°38	16°19	16°17	12°26	25°46	1°55	8°23	7°21	14°24	26°56	W24
T 25	6 24 44	6°42'19	1♈13	15°43	19°14	5°22	16°33	16°23	12°30	25°45	1°55	8°22	7°18	14°30	27° 1	T 25
F 26	6 28 40	7°43'27	13°10	15°57	20°29	6° 6	16°47	16°30	12°33	25°45	1°54	8°D22	7°15	14°37	27° 5	F 26
S 27	6 32 37	8°44'35	25°16	16°17	21°44	6°49	17° 1	16°36	12°36	25°45	1°53	8°23	7°12	14°44	27° 9	S 27
S 28	6 36 33	9°45'41	7♉36	16°44	22°59	7°33	17°16	16°42	12°40	25°45	1°52	8°25	7° 8	14°51	27°14	S 28
M29	6 40 30	10°46'47	20°14	17°17	24°14	8°17	17°30	16°49	12°43	25°44	1°51	8°26	7° 5	14°57	27°18	M29
T 30	6 44 26	11°47'52	3♊15	17°55	25°30	9° 1	17°44	16°55	12°46	25°44	1°51	8°R28	7° 2	15° 4	27°23	T 30
W31	6 48 23	12♑48'56	16♊39	18♐38	26♑45	9♐45	17♑58	17♒ 2	12♐50	25♈44	1♍50	8♐27	6♐59	15♓11	27♑27	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s25	17n56	2n21	24s34	0s59	23s43	0s34	17s12	0n 9	23s31	0s23	18s 4	1s27	22s18	0s 3	8n19	1s56	24n25	14n40	21s55	21s53	2s26	15s18	6n 1
T 2	22 33	20 27	1 13	24 20	0 45	23 51	0 36	17 24	0 8	23 30	0 23	18 3	1 27	22 18	0 3	8 19	1 56	24 26	14 40	21 55	21 52	2 23	15 18	6 0
W 3	22 40	21 55	0 1	24 5	0 29	23 59	0 39	17 37	0 7	23 29	0 23	18 1	1 27	22 19	0 3	8 19	1 56	24 26	14 41	21 55	21 52	2 21	15 17	6 0
T 4	22 47	22 9	1s14	23 48	0 13	24 5	0 41	17 49	0 7	23 28	0 23	18 0	1 27	22 19	0 3	8 18	1 56	24 27	14 41	21 55	21 51	2 18	15 17	6 0
F 5	22 54	21 3	2 25	23 31	0n 5	24 11	0 43	18 1	0 6	23 27	0 23	17 59	1 27	22 20	0 3	8 18	1 56	24 27	14 42	21 55	21 51	2 16	15 16	6 0
S 6	23 0	18 39	3 29	23 12	0 24	24 16	0 45	18 13	0 5	23 26	0 23	17 57	1 27	22 21	0 3	8 18	1 56	24 28	14 42	21 55	21 50	2 13	15 16	5 59
S 7	23 5	15 8	4 21	22 53	0 43	24 21	0 47	18 25	0 5	23 25	0 23	17 55	1 27	22 21	0 3	8 17	1 56	24 28	14 43	21 55	21 50	2 11	15 15	5 59
M 8	23 10	10 43	4 57	22 33	1 3	24 24	0 49	18 36	0 4	23 23	0 23	17 54	1 27	22 22	0 3	8 17	1 56	24 29	14 43	21 54	21 49	2 8	15 15	5 59
T 9	23 15	5 43	5 15	22 13	1 23	24 27	0 51	18 48	0 3	23 22	0 23	17 52	1 27	22 22	0 3	8 17	1 56	24 29	14 44	21 54	21 49	2 6	15 14	5 59
W10	23 19	0 25	5 13	21 53	1 42	24 29	0 53	18 59	0 3	23 21	0 24	17 51	1 27	22 23	0 3	8 17	1 55	24 30	14 44	21 54	21 48	2 3	15 14	5 58
T 11	23 23	4s53	4 53	21 33	2 1	24 31	0 55	19 10	0 2	23 20	0 24	17 49	1 27	22 23	0 3	8 16	1 55	24 30	14 45	21 54	21 48	2 1	15 13	5 58
F 12	23 26	9 53	4 15	21 14	2 18	24 31	0 57	19 21	0 1	23 18	0 24	17 47	1 27	22 24	0 3	8 16	1 55	24 31	14 45	21 54	21 47	1 58	15 13	5 58
S 13	23 29	14 21	3 22	20 55	2 34	24 31	0 59	19 32	0 1	23 17	0 24	17 46	1 27	22 24	0 3	8 16	1 55	24 32	14 46	21 54	21 47	1 56	15 12	5 58
S 14	23 31	17 59	2 19	20 38	2 47	24 30	1 1	19 43	0 0	23 15	0 24	17 44	1 27	22 25	0 3	8 16	1 55	24 32	14 46	21 55	21 46	1 53	15 12	5 58
M15	23 33	20 35	1 8	20 22	2 58	24 29	1 3	19 53	0s 1	23 14	0 24	17 42	1 27	22 25	0 3	8 16	1 55	24 33	14 47	21 55	21 46	1 51	15 11	5 57
T 16	23 35	21 59	0n 6	20 8	3 7	24 26	1 4	20 3	0 1	23 13	0 24	17 41	1 27	22 25	0 3	8 16	1 55	24 33	14 47	21 55	21 45	1 48	15 11	5 57
W17	23 36	22 7	1 18	19 57	3 13	24 23	1 6	20 14	0 2	23 11	0 24	17 39	1 27	22 26	0 3	8 15	1 55	24 34	14 48	21 55	21 45	1 46	15 10	5 57
T 18	23 36	21 4	2 24	19 48	3 17	24 19	1 8	20 24	0 3	23 10	0 24	17 37	1 27	22 26	0 3	8 15	1 55	24 35	14 48	21 55	21 44	1 43	15 9	5 57
F 19	23 36	18 57	3 22	19 42	3 19	24 14	1 9	20 33	0 3	23 8	0 24	17 35	1 26	22 27	0 3	8 15	1 55	24 35	14 49	21 54	21 44	1 41	15 9	5 57
S 20	23 36	15 59	4 9	19 39	3 18	24 9	1 11	20 43	0 4	23 7	0 24	17 33	1 26	22 27	0 3	8 15	1 55	24 36	14 49	21 54	21 43	1 38	15 8	5 56
S 21	23 35	12 22	4 44	19 38	3 16	24 2	1 12	20 52	0 5	23 5	0 24	17 32	1 26	22 28	0 3	8 15	1 55	24 37	14 50	21 53	21 43	1 36	15 7	5 56
M22	23 33	8 18	5 6	19 39	3 12	23 55	1 14	21 1	0 5	23 4	0 24	17 30	1 26	22 28	0 3	8 15	1 55	24 37	14 50	21 52	21 42	1 33	15 7	5 56
T 23	23 31	3 58	5 13	19 43	3 7	23 48	1 15	21 10	0 6	23 2	0 25	17 28	1 26	22 29	0 3	8 15	1 55	24 38	14 50	21 52	21 42	1 31	15 6	5 56
W24	23 29	0n28	5 8	19 49	3 1	23 39	1 17	21 19	0 7	23 0	0 25	17 26	1 26	22 29	0 3	8 15	1 55	24 39	14 51	21 51	21 41	1 28	15 5	5 56
T 25	23 26	4 54	4 49	19 57	2 54	23 30	1 18	21 28	0 7	22 59	0 25	17 24	1 26	22 30	0 3	8 15	1 55	24 39	14 51	21 51	21 41	1 26	15 5	5 56
F 26	23 23	9 11	4 18	20 6	2 46	23 20	1 19	21 36	0 8	22 57	0 25	17 22	1 26	22 30	0 3	8 14	1 54	24 40	14 52	21 51	21 40	1 23	15 4	5 56
S 27	23 19	13 10	3 35	20 16	2 38	23 10	1 21	21 45	0 9	22 55	0 25	17 20	1 26	22 31	0 3	8 14	1 54	24 41	14 52	21 51	21 40	1 21	15 3	5 56
S 28	23 14	16 40	2 41	20 28	2 29	22 58	1 22	21 53	0 10	22 54	0 25	17 18	1 26	22 31	0 3	8 14	1 54	24 41	14 53	21 51	21 39	1 18	15 3	5 55
M29	23 10	19 30	1 38	20 40	2 20	22 46	1 23	22 0	0 10	22 52	0 25	17 16	1 26	22 31	0 3	8 14	1 54	24 42	14 53	21 52	21 39	1 16	15 2	5 55
T 30	23 4	21 25	0 28	20 53	2 10	22 34	1 24	22 8	0 11	22 50	0 25	17 14	1 26	22 32	0 3	8 14	1 54	24 43	14 54	21 52	21 38	1 14	15 1	5 55
W31	22s59	22n11	0s45	21s 6	2n 1	22s20	1s25	22s15	0s12	22s48	0s25	17s12	1s26	22s32	0s 3	8n14	1s54	24n44	14n54	21s52	21s37	1s11	15s 0	5n55

Julian Day Number = 1986928.5, Delta T = 56m38s
Ecliptic obliquity = 23°36'09, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'15, Lahiri = 6°08'15 Julian Calendar 1 Dec. 727 == Greg. Calendar 5 Dec. 727

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ASTRODIENST EPHEMERIS for the year 728
geocentric

JANUARY 728 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 52 20	13♉49'59	0♋28	19♐26	28♉ 0	10♐28	18♉12	17♒ 8	12♐53	25°R44	1°R49	8°R26	6♐56	15♓18	27♉32	T 1
F 2	6 56 16	14°51'01	14°39	20°17	29°15	11°12	18°27	17°15	12°56	25♈44	1♍48	8♐22	6°53	15°24	27°37	F 2
S 3	7 0 13	15°52'02	29° 8	21°12	0♒30	11°56	18°41	17°21	12°59	25°D44	1°47	8°17	6°49	15°31	27°41	S 3
S 4	7 4 9	16°53'02	13♌47	22°10	1°45	12°40	18°55	17°28	13° 3	25°44	1°46	8°11	6°46	15°38	27°46	S 4
M 5	7 8 6	17°54'01	28°30	23°11	3° 0	13°24	19° 9	17°34	13° 6	25°44	1°45	8° 4	6°43	15°44	27°50	M 5
T 6	7 12 2	18°55'00	13♍10	24°15	4°15	14° 9	19°24	17°41	13° 9	25°44	1°44	7°59	6°40	15°51	27°55	T 6
W 7	7 15 59	19°55'58	27°39	25°21	5°30	14°53	19°38	17°48	13°12	25°44	1°43	7°55	6°37	15°58	28° 0	W 7
T 8	7 19 55	20°56'55	11♎55	26°29	6°45	15°37	19°52	17°55	13°15	25°44	1°42	7°53	6°34	16° 5	28° 4	T 8
F 9	7 23 52	21°57'51	25°54	27°40	8° 0	16°21	20° 6	18° 2	13°18	25°45	1°40	7°D53	6°30	16°11	28° 9	F 9
S 10	7 27 49	22°58'46	9♏37	28°52	9°15	17° 5	20°21	18° 8	13°21	25°45	1°39	7°54	6°27	16°18	28°13	S 10
S 11	7 31 45	23°59'41	23° 5	0♑ 6	10°30	17°49	20°35	18°15	13°24	25°45	1°38	7°55	6°24	16°25	28°18	S 11
M12	7 35 42	25° 0'35	6♐18	1°22	11°45	18°34	20°49	18°22	13°27	25°45	1°37	7°R56	6°21	16°31	28°23	M12
T 13	7 39 38	26° 1'28	19°18	2°39	13° 0	19°18	21° 3	18°29	13°30	25°46	1°36	7°55	6°18	16°38	28°27	T 13
W14	7 43 35	27° 2'19	2♑ 7	3°57	14°15	20° 2	21°18	18°36	13°33	25°46	1°35	7°52	6°14	16°45	28°32	W14
T 15	7 47 31	28° 3'10	14°45	5°17	15°30	20°47	21°32	18°43	13°36	25°47	1°33	7°47	6°11	16°52	28°37	T 15
F 16	7 51 28	29° 3'59	27°13	6°38	16°45	21°31	21°46	18°50	13°39	25°47	1°32	7°39	6° 8	16°58	28°41	F 16
S 17	7 55 24	0♒ 4'47	9♒31	8° 0	18° 0	22°16	22° 0	18°57	13°41	25°47	1°31	7°29	6° 5	17° 5	28°46	S 17
S 18	7 59 21	1° 5'34	21°40	9°24	19°14	23° 0	22°14	19° 4	13°44	25°48	1°29	7°19	6° 2	17°12	28°51	S 18
M19	8 3 18	2° 6'18	3♓41	10°48	20°29	23°45	22°29	19°12	13°47	25°48	1°28	7° 8	5°59	17°19	28°55	M19
T 20	8 7 14	3° 7'02	15°36	12°14	21°44	24°29	22°43	19°19	13°49	25°49	1°27	6°58	5°55	17°25	29° 0	T 20
W21	8 11 11	4° 7'43	27°27	13°40	22°59	25°14	22°57	19°26	13°52	25°50	1°25	6°49	5°52	17°32	29° 4	W21
T 22	8 15 7	5° 8'23	9♈18	15° 8	24°13	25°58	23°11	19°33	13°55	25°50	1°24	6°43	5°49	17°39	29° 9	T 22
F 23	8 19 4	6° 9'02	21°12	16°36	25°28	26°43	23°25	19°40	13°57	25°51	1°23	6°40	5°46	17°45	29°14	F 23
S 24	8 23 0	7° 9'38	3♉14	18° 6	26°43	27°28	23°39	19°47	14° 0	25°52	1°21	6°D38	5°43	17°52	29°18	S 24
S 25	8 26 57	8°10'13	15°29	19°36	27°57	28°12	23°53	19°55	14° 2	25°52	1°20	6°39	5°40	17°59	29°23	S 25
M26	8 30 53	9°10'46	28° 3	21° 7	29°12	28°57	24° 7	20° 2	14° 5	25°53	1°18	6°39	5°36	18° 6	29°27	M26
T 27	8 34 50	10°11'16	11♊ 0	22°40	0♓27	29°42	24°21	20° 9	14° 7	25°54	1°17	6°R39	5°33	18°12	29°32	T 27
W28	8 38 47	11°11'46	24°24	24°13	1°41	0♑27	24°35	20°16	14°10	25°55	1°15	6°38	5°30	18°19	29°37	W28
T 29	8 42 43	12°12'13	8♋17	25°47	2°56	1°11	24°49	20°24	14°12	25°56	1°14	6°34	5°27	18°26	29°41	T 29
F 30	8 46 40	13°12'38	22°39	27°22	4°10	1°56	25° 3	20°31	14°14	25°57	1°12	6°28	5°24	18°32	29°46	F 30
S 31	8 50 36	14♒13'02	7♌24	28♑58	5♓25	2♑41	25♑17	20♒38	14♐17	25♈58	1♍11	6♐19	5♐20	18♓39	29♑50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s53	21n39	1s57	21s20	1n51	22s 6	1s26	22s23	0s12	22s46	0s25	17s10	1s26	22s33	0s 3	8n14	1s54	24n44	14n54	21s52	21s37	1s 9	15s 0	5n55
F 2	22 46	19 44	3 4	21 34	1 41	21 51	1 27	22 30	0 13	22 45	0 25	17 8	1 26	22 33	0 3	8 15	1 54	24 45	14 55	21 51	21 36	1 6	14 59	5 55
S 3	22 39	16 33	4 1	21 47	1 31	21 36	1 27	22 36	0 14	22 43	0 26	17 6	1 26	22 34	0 3	8 15	1 54	24 46	14 55	21 50	21 36	1 4	14 58	5 55
S 4	22 32	12 18	4 42	22 1	1 22	21 20	1 28	22 43	0 15	22 41	0 26	17 4	1 26	22 34	0 3	8 15	1 54	24 47	14 56	21 49	21 35	1 1	14 57	5 55
M 5	22 24	7 18	5 5	22 14	1 12	21 3	1 29	22 49	0 15	22 39	0 26	17 2	1 26	22 34	0 3	8 15	1 54	24 47	14 56	21 48	21 35	0 59	14 56	5 55
T 6	22 15	1 55	5 8	22 26	1 2	20 46	1 29	22 55	0 16	22 37	0 26	17 0	1 26	22 35	0 3	8 15	1 54	24 48	14 56	21 47	21 34	0 56	14 56	5 55
W 7	22 7	3s31	4 52	22 39	0 53	20 28	1 30	23 1	0 17	22 35	0 26	16 58	1 26	22 35	0 3	8 15	1 54	24 49	14 57	21 47	21 34	0 54	14 55	5 55
T 8	21 57	8 41	4 17	22 50	0 43	20 10	1 30	23 7	0 18	22 33	0 26	16 56	1 26	22 36	0 3	8 15	1 54	24 50	14 57	21 46	21 33	0 51	14 54	5 55
F 9	21 48	13 17	3 27	23 1	0 34	19 51	1 31	23 12	0 18	22 31	0 26	16 54	1 26	22 36	0 3	8 15	1 54	24 50	14 58	21 46	21 33	0 49	14 53	5 54
S 10	21 38	17 7	2 27	23 11	0 25	19 31	1 31	23 17	0 19	22 29	0 26	16 52	1 26	22 36	0 3	8 15	1 54	24 51	14 58	21 46	21 32	0 46	14 52	5 54
S 11	21 27	19 57	1 19	23 20	0 16	19 11	1 31	23 22	0 20	22 27	0 26	16 49	1 26	22 37	0 3	8 15	1 53	24 52	14 58	21 47	21 31	0 44	14 51	5 54
M12	21 17	21 39	0 9	23 28	0 7	18 51	1 31	23 27	0 21	22 25	0 26	16 47	1 26	22 37	0 3	8 16	1 53	24 53	14 59	21 47	21 31	0 41	14 50	5 54
T 13	21 5	22 9	1n 1	23 36	0s 1	18 29	1 32	23 31	0 21	22 23	0 27	16 45	1 26	22 38	0 3	8 16	1 53	24 53	14 59	21 47	21 30	0 39	14 49	5 54
W14	20 54	21 29	2 7	23 42	0 9	18 8	1 32	23 36	0 22	22 21	0 27	16 43	1 26	22 38	0 3	8 16	1 53	24 54	14 59	21 46	21 30	0 36	14 49	5 54
T 15	20 42	19 43	3 5	23 47	0 17	17 45	1 32	23 40	0 23	22 18	0 27	16 41	1 26	22 38	0 3	8 16	1 53	24 55	15 0	21 45	21 29	0 34	14 48	5 54
F 16	20 29	17 3	3 53	23 51	0 25	17 23	1 32	23 43	0 24	22 16	0 27	16 39	1 26	22 39	0 3	8 16	1 53	24 56	15 0	21 44	21 29	0 32	14 47	5 54
S 17	20 16	13 39	4 30	23 54	0 33	16 59	1 31	23 47	0 24	22 14	0 27	16 36	1 26	22 39	0 3	8 17	1 53	24 57	15 0	21 43	21 28	0 29	14 46	5 54
S 18	20 3	9 45	4 54	23 56	0 40	16 36	1 31	23 50	0 25	22 12	0 27	16 34	1 26	22 39	0 3	8 17	1 53	24 57	15 1	21 41	21 28	0 27	14 45	5 54
M19	19 50	5 30	5 4	23 57	0 47	16 12	1 31	23 53	0 26	22 10	0 27	16 32	1 26	22 40	0 3	8 17	1 53	24 58	15 1	21 39	21 27	0 24	14 44	5 54
T 20	19 36	1 5	5 1	23 56	0 54	15 47	1 31	23 56	0 27	22 7	0 27	16 30	1 26	22 40	0 3	8 17	1 53	24 59	15 1	21 37	21 27	0 22	14 43	5 54
W21	19 21	3n21	4 46	23 54	1 1	15 22	1 30	23 58	0 27	22 5	0 27	16 27	1 26	22 40	0 3	8 18	1 53	25 0	15 2	21 36	21 26	0 19	14 42	5 54
T 22	19 7	7 39	4 17	23 51	1 7	14 57	1 30	24 1	0 28	22 3	0 27	16 25	1 26	22 41	0 3	8 18	1 53	25 1	15 2	21 35	21 25	0 17	14 41	5 54
F 23	18 52	11 41	3 38	23 47	1 13	14 31	1 29	24 3	0 29	22 1	0 28	16 23	1 26	22 41	0 3	8 18	1 53	25 1	15 2	21 34	21 25	0 14	14 40	5 55
S 24	18 36	15 19	2 49	23 41	1 19	14 5	1 29	24 4	0 30	21 58	0 28	16 21	1 26	22 41	0 3	8 19	1 53	25 2	15 2	21 34	21 24	0 12	14 39	5 55
S 25	18 21	18 21	1 51	23 33	1 25	13 38	1 28	24 6	0 30	21 56	0 28	16 18	1 26	22 42	0 3	8 19	1 53	25 3	15 3	21 34	21 24	0 9	14 38	5 55
M26	18 5	20 36	0 46	23 25	1 30	13 11	1 27	24 7	0 31	21 54	0 28	16 16	1 26	22 42	0 3	8 19	1 52	25 4	15 3	21 34	21 23	0 7	14 37	5 55
T 27	17 49	21 52	0s23	23 14	1 35	12 44	1 26	24 8	0 32	21 51	0 28	16 14	1 26	22 42	0 3	8 20	1 52	25 4	15 3	21 34	21 23	0 5	14 36	5 55
W28	17 32	21 56	1 33	23 3	1 39	12 16	1 25	24 9	0 33	21 49	0 28	16 12	1 26	22 43	0 3	8 20	1 52	25 5	15 3	21 34	21 22	0 2	14 35	5 55
T 29	17 15	20 41	2 40	22 50	1 43	11 49	1 24	24 9	0 34	21 46	0 28	16 9	1 26	22 43	0 3	8 20	1 52	25 6	15 4	21 33	21 21	0n 0	14 34	5 55
F 30	16 58	18 5	3 39	22 35	1 47	11 20	1 23	24 10	0 34	21 44	0 28	16 7	1 27	22 43	0 3	8 21	1 52	25 7	15 4	21 32	21 21	0 3	14 33	5 55
S 31	16s41	14n17	4s25	22s19	1s51	10s52	1s22	24s10	0s35	21s42	0s29	16s 5	1s27	22s43	0s 3	8n21	1s52	25n 7	15n 4	21s31	21s20	0n 5	14s32	5n55

Julian Day Number = 1986959.5, Delta T = 56m37s
Ecliptic obliquity = 23°36'09, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'19, Lahiri = 6°08'19 Julian Calendar 1 Jan. 728 == Greg. Calendar 5 Jan. 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

FEBRUARY 728 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 54 33	15♒13'23	22♌26	0♒35	6♓39	3♑26	25♑31	20♒46	14♐19	25♈59	1°R 9	6°R 9	5♐17	18♓46	29♑55	S 1
M 2	8 58 29	16°13'43	7♍35	2°13	7°53	4°11	25°45	20°53	14°21	26° 0	1♍ 8	5♐58	5°14	18°53	29°59	M 2
T 3	9 2 26	17°14'01	22°40	3°52	9° 8	4°56	25°59	21° 0	14°23	26° 1	1° 6	5°49	5°11	18°59	0♒ 4	T 3
W 4	9 6 22	18°14'18	7♎32	5°32	10°22	5°41	26°12	21° 8	14°25	26° 2	1° 5	5°41	5° 8	19° 6	0° 8	W 4
T 5	9 10 19	19°14'33	22° 4	7°13	11°36	6°26	26°26	21°15	14°27	26° 3	1° 3	5°36	5° 5	19°13	0°13	T 5
F 6	9 14 16	20°14'46	6♏13	8°55	12°51	7°11	26°40	21°22	14°29	26° 4	1° 2	5°33	5° 1	19°20	0°17	F 6
S 7	9 18 12	21°14'58	19°58	10°38	14° 5	7°56	26°53	21°30	14°31	26° 5	1° 0	5°D32	4°58	19°26	0°21	S 7
S 8	9 22 9	22°15'09	3♐20	12°22	15°19	8°41	27° 7	21°37	14°33	26° 6	0°59	5°R33	4°55	19°33	0°26	S 8
M 9	9 26 5	23°15'18	16°22	14° 7	16°33	9°26	27°21	21°44	14°35	26° 7	0°57	5°32	4°52	19°40	0°30	M 9
T 10	9 30 2	24°15'25	29° 8	15°53	17°47	10°11	27°34	21°52	14°37	26° 9	0°55	5°30	4°49	19°46	0°35	T 10
W11	9 33 58	25°15'30	11♑41	17°41	19° 1	10°56	27°48	21°59	14°38	26°10	0°54	5°26	4°46	19°53	0°39	W11
T 12	9 37 55	26°15'34	24° 2	19°29	20°15	11°41	28° 1	22° 6	14°40	26°11	0°52	5°18	4°42	20° 0	0°43	T 12
F 13	9 41 51	27°15'36	6♒15	21°19	21°29	12°27	28°14	22°14	14°42	26°13	0°51	5° 7	4°39	20° 7	0°47	F 13
S 14	9 45 48	28°15'36	18°22	23° 9	22°43	13°12	28°28	22°21	14°44	26°14	0°49	4°54	4°36	20°13	0°52	S 14
S 15	9 49 45	29°15'34	0♓22	25° 1	23°57	13°57	28°41	22°28	14°45	26°15	0°47	4°40	4°33	20°20	0°56	S 15
M16	9 53 41	0♓15'30	12°18	26°53	25°11	14°42	28°54	22°36	14°47	26°17	0°46	4°25	4°30	20°27	1° 0	M16
T 17	9 57 38	1°15'24	24°10	28°47	26°25	15°28	29° 7	22°43	14°48	26°18	0°44	4°11	4°26	20°33	1° 4	T 17
W18	10 1 34	2°15'16	6♈ 1	0♓42	27°39	16°13	29°21	22°50	14°50	26°20	0°43	3°59	4°23	20°40	1° 8	W18
T 19	10 5 31	3°15'06	17°52	2°38	28°52	16°58	29°34	22°57	14°51	26°21	0°41	3°50	4°20	20°47	1°12	T 19
F 20	10 9 27	4°14'53	29°46	4°35	0♈ 6	17°43	29°47	23° 5	14°52	26°23	0°39	3°44	4°17	20°54	1°17	F 20
S 21	10 13 24	5°14'39	11♉47	6°32	1°20	18°29	29°59	23°12	14°54	26°24	0°38	3°40	4°14	21° 0	1°21	S 21
S 22	10 17 20	6°14'22	24° 0	8°31	2°33	19°14	0♒13	23°19	14°55	26°26	0°36	3°39	4°11	21° 7	1°25	S 22
M23	10 21 17	7°14'02	6♊30	10°30	3°47	19°59	0°25	23°26	14°56	26°27	0°35	3°39	4° 7	21°14	1°29	M23
T 24	10 25 13	8°13'41	19°21	12°30	5° 0	20°45	0°38	23°34	14°57	26°29	0°33	3°39	4° 4	21°20	1°32	T 24
W25	10 29 10	9°13'17	2♋38	14°30	6°14	21°30	0°51	23°41	14°58	26°31	0°31	3°37	4° 1	21°27	1°36	W25
T 26	10 33 7	10°12'50	16°25	16°30	7°27	22°16	1° 4	23°48	14°59	26°32	0°30	3°34	3°58	21°34	1°40	T 26
F 27	10 37 3	11°12'22	0♌42	18°30	8°41	23° 1	1°16	23°55	15° 0	26°34	0°28	3°27	3°55	21°41	1°44	F 27
S 28	10 41 0	12°11'51	15°26	20°30	9°54	23°46	1°29	24° 2	15° 1	26°36	0°27	3°18	3°52	21°47	1°48	S 28
S 29	10 44 56	13♓11'17	0♍33	22♓30	11♈ 7	24♑32	1♒41	24♒ 9	15♐ 2	26♈37	0♍25	3♐ 8	3♐48	21♓54	1♒52	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s23	9n30	4s53	22s 1	1s54	10s23	1s21	24s 9	0s36	21s39	0s29	16s 2	1s27	22s44	0s 3	8n22	1s52	25n 8	15n 4	21s29	21s20	0n 8	14s31	5n55
M 2	16 5	4 7	5 2	21 42	1 57	9 54	1 20	24 9	0 37	21 37	0 29	16 0	1 27	22 44	0 3	8 22	1 52	25 9	15 4	21 27	21 19	0 10	14 30	5 55
T 3	15 47	1s29	4 49	21 21	2 0	9 25	1 19	24 8	0 38	21 34	0 29	15 58	1 27	22 44	0 3	8 22	1 52	25 10	15 5	21 25	21 19	0 13	14 29	5 55
W 4	15 28	6 56	4 17	20 59	2 2	8 55	1 17	24 7	0 38	21 32	0 29	15 55	1 27	22 44	0 3	8 23	1 52	25 10	15 5	21 24	21 18	0 15	14 28	5 56
T 5	15 9	11 53	3 29	20 35	2 3	8 26	1 16	24 6	0 39	21 29	0 29	15 53	1 27	22 45	0 3	8 23	1 52	25 11	15 5	21 23	21 17	0 17	14 27	5 56
F 6	14 50	16 1	2 29	20 9	2 5	7 56	1 14	24 4	0 40	21 27	0 29	15 51	1 27	22 45	0 3	8 24	1 52	25 12	15 5	21 23	21 17	0 20	14 26	5 56
S 7	14 31	19 10	1 22	19 42	2 6	7 25	1 13	24 2	0 41	21 24	0 29	15 48	1 27	22 45	0 3	8 24	1 52	25 13	15 5	21 22	21 16	0 22	14 25	5 56
S 8	14 11	21 9	0 12	19 13	2 6	6 55	1 11	24 0	0 41	21 22	0 30	15 46	1 27	22 45	0 3	8 25	1 52	25 13	15 5	21 22	21 16	0 25	14 24	5 56
M 9	13 52	21 57	0n57	18 43	2 6	6 24	1 9	23 58	0 42	21 19	0 30	15 44	1 27	22 46	0 3	8 25	1 52	25 14	15 6	21 22	21 15	0 27	14 23	5 56
T 10	13 32	21 35	2 1	18 11	2 6	5 54	1 8	23 55	0 43	21 17	0 30	15 41	1 27	22 46	0 3	8 26	1 52	25 15	15 6	21 22	21 15	0 30	14 22	5 56
W11	13 11	20 7	2 59	17 37	2 5	5 23	1 6	23 53	0 44	21 14	0 30	15 39	1 27	22 46	0 3	8 26	1 52	25 15	15 6	21 21	21 14	0 32	14 21	5 56
T 12	12 51	17 44	3 46	17 2	2 4	4 52	1 4	23 50	0 45	21 11	0 30	15 37	1 27	22 46	0 3	8 27	1 51	25 16	15 6	21 20	21 13	0 34	14 20	5 57
F 13	12 30	14 35	4 23	16 25	2 2	4 21	1 2	23 46	0 45	21 9	0 30	15 34	1 27	22 46	0 3	8 27	1 51	25 17	15 6	21 18	21 13	0 37	14 19	5 57
S 14	12 10	10 52	4 47	15 46	2 0	3 50	1 0	23 43	0 46	21 6	0 30	15 32	1 27	22 47	0 3	8 28	1 51	25 18	15 6	21 16	21 12	0 39	14 18	5 57
S 15	11 49	6 46	4 59	15 6	1 57	3 18	0 58	23 39	0 47	21 4	0 30	15 30	1 27	22 47	0 3	8 28	1 51	25 18	15 6	21 13	21 12	0 42	14 16	5 57
M16	11 27	2 26	4 57	14 24	1 53	2 47	0 56	23 35	0 48	21 1	0 31	15 27	1 28	22 47	0 3	8 29	1 51	25 19	15 6	21 10	21 11	0 44	14 15	5 57
T 17	11 6	1n59	4 42	13 41	1 49	2 15	0 54	23 30	0 49	20 58	0 31	15 25	1 28	22 47	0 3	8 30	1 51	25 20	15 6	21 8	21 10	0 47	14 14	5 58
W18	10 45	6 18	4 15	12 56	1 45	1 44	0 52	23 26	0 49	20 56	0 31	15 23	1 28	22 47	0 3	8 30	1 51	25 20	15 6	21 5	21 10	0 49	14 13	5 58
T 19	10 23	10 23	3 37	12 10	1 40	1 12	0 49	23 21	0 50	20 53	0 31	15 20	1 28	22 48	0 3	8 31	1 51	25 21	15 6	21 4	21 9	0 51	14 12	5 58
F 20	10 1	14 6	2 49	11 22	1 34	0 41	0 47	23 16	0 51	20 51	0 31	15 18	1 28	22 48	0 3	8 31	1 51	25 21	15 7	21 2	21 9	0 54	14 11	5 58
S 21	9 39	17 16	1 53	10 32	1 28	0 9	0 45	23 10	0 52	20 48	0 31	15 16	1 28	22 48	0 3	8 32	1 51	25 22	15 7	21 2	21 8	0 56	14 10	5 58
S 22	9 17	19 43	0 51	9 42	1 22	0n23	0 42	23 5	0 53	20 45	0 31	15 13	1 28	22 48	0 4	8 33	1 51	25 23	15 7	21 2	21 8	0 59	14 9	5 59
M23	8 55	21 18	0s15	8 50	1 14	0 54	0 40	22 59	0 53	20 43	0 32	15 11	1 28	22 48	0 4	8 33	1 51	25 23	15 7	21 2	21 7	1 1	14 8	5 59
T 24	8 32	21 49	1 22	7 56	1 6	1 26	0 37	22 53	0 54	20 40	0 32	15 9	1 28	22 48	0 4	8 34	1 51	25 24	15 7	21 2	21 6	1 3	14 7	5 59
W25	8 10	21 8	2 27	7 2	0 58	1 57	0 35	22 47	0 55	20 37	0 32	15 6	1 28	22 48	0 4	8 34	1 51	25 24	15 7	21 1	21 6	1 6	14 6	5 59
T 26	7 47	19 11	3 25	6 7	0 49	2 29	0 32	22 40	0 56	20 35	0 32	15 4	1 28	22 49	0 4	8 35	1 51	25 25	15 7	21 1	21 5	1 8	14 5	5 59
F 27	7 25	16 1	4 13	5 11	0 39	3 0	0 30	22 33	0 57	20 32	0 32	15 2	1 28	22 49	0 4	8 36	1 51	25 26	15 7	20 59	21 5	1 11	14 4	6 0
S 28	7 2	11 45	4 46	4 14	0 29	3 32	0 27	22 26	0 57	20 30	0 32	14 59	1 29	22 49	0 4	8 36	1 51	25 26	15 7	20 58	21 4	1 13	14 3	6 0
S 29	6s39	6n40	5s 0	3s17	0s19	4n 3	0s24	22s19	0s58	20s27	0s32	14s57	1s29	22s49	0s 4	8n37	1s51	25n27	15n 6	20s56	21s 3	1n15	14s 2	6n 0

Julian Day Number = 1986990.5, Delta T = 56m36s
Ecliptic obliquity = 23°36'09, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'23, Lahiri = 6°08'23 Julian Calendar 1 Feb. 728 == Greg. Calendar 5 Feb. 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

MARCH 728 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 48 53	14♓10'42	15♍52	24♓28	12♈20	25♉17	1♒53	24♒16	15♐ 3	26♈39	0°R24	2°R57	3♐45	22♓ 1	1♒55	M 1
T 2	10 52 49	15°10'04	1♎12	26°26	13°33	26° 3	2° 6	24°23	15° 4	26°41	0♍22	2♐46	3°42	22° 7	1°59	T 2
W 3	10 56 46	16° 9'24	16°21	28°22	14°46	26°48	2°18	24°30	15° 4	26°43	0°21	2°38	3°39	22°14	2° 3	W 3
T 4	11 0 42	17° 8'43	1♏10	0♈15	16° 0	27°34	2°30	24°37	15° 5	26°45	0°19	2°32	3°36	22°21	2° 6	T 4
F 5	11 4 39	18° 7'59	15°34	2° 7	17°12	28°19	2°42	24°44	15° 6	26°46	0°18	2°29	3°32	22°28	2°10	F 5
S 6	11 8 36	19° 7'14	29°29	3°56	18°25	29° 5	2°54	24°51	15° 6	26°48	0°16	2°D28	3°29	22°34	2°13	S 6
S 7	11 12 32	20° 6'27	12♐57	5°41	19°38	29°50	3° 6	24°58	15° 7	26°50	0°15	2°28	3°26	22°41	2°17	S 7
M 8	11 16 29	21° 5'38	26° 1	7°23	20°51	0♒36	3°18	25° 5	15° 7	26°52	0°13	2°R29	3°23	22°48	2°20	M 8
T 9	11 20 25	22° 4'48	8♑43	9° 1	22° 4	1°21	3°30	25°12	15° 8	26°54	0°12	2°27	3°20	22°54	2°24	T 9
W10	11 24 22	23° 3'55	21° 9	10°35	23°16	2° 7	3°41	25°19	15° 8	26°56	0°10	2°24	3°17	23° 1	2°27	W10
T 11	11 28 18	24° 3'01	3♒23	12° 3	24°29	2°53	3°53	25°25	15° 8	26°58	0° 9	2°18	3°13	23° 8	2°30	T 11
F 12	11 32 15	25° 2'04	15°27	13°27	25°42	3°38	4° 4	25°32	15° 8	27° 0	0° 7	2° 9	3°10	23°15	2°33	F 12
S 13	11 36 11	26° 1'06	27°25	14°46	26°54	4°24	4°16	25°39	15° 9	27° 2	0° 6	1°58	3° 7	23°21	2°37	S 13
S 14	11 40 8	27° 0'06	9♓19	15°59	28° 7	5° 9	4°27	25°45	15° 9	27° 4	0° 4	1°46	3° 4	23°28	2°40	S 14
M15	11 44 5	27°59'04	21°11	17° 6	29°19	5°55	4°38	25°52	15° 9	27° 6	0° 3	1°33	3° 1	23°35	2°43	M15
T 16	11 48 1	28°57'59	3♈ 2	18° 8	0♉31	6°41	4°49	25°59	15°R 9	27° 8	0° 2	1°22	2°57	23°41	2°46	T 16
W17	11 51 58	29°56'53	14°54	19° 3	1°44	7°26	5° 0	26° 5	15° 9	27°10	0° 0	1°12	2°54	23°48	2°49	W17
T 18	11 55 54	0♈55'44	26°48	19°52	2°56	8°12	5°11	26°12	15° 9	27°12	29♌59	1° 4	2°51	23°55	2°52	T 18
F 19	11 59 51	1°54'34	8♉48	20°35	4° 8	8°57	5°22	26°18	15° 9	27°14	29°58	0°59	2°48	24° 2	2°55	F 19
S 20	12 3 47	2°53'21	20°54	21°11	5°20	9°43	5°33	26°25	15° 9	27°16	29°56	0°56	2°45	24° 8	2°58	S 20
S 21	12 7 44	3°52'06	3♊11	21°41	6°32	10°28	5°43	26°31	15° 8	27°18	29°55	0°D56	2°42	24°15	3° 1	S 21
M22	12 11 40	4°50'48	15°43	22° 5	7°44	11°14	5°54	26°37	15° 8	27°20	29°54	0°56	2°38	24°22	3° 3	M22
T 23	12 15 37	5°49'29	28°32	22°22	8°56	12° 0	6° 4	26°44	15° 8	27°22	29°53	0°57	2°35	24°28	3° 6	T 23
W24	12 19 33	6°48'07	11♋45	22°32	10° 8	12°45	6°15	26°50	15° 8	27°24	29°51	0°R57	2°32	24°35	3° 9	W24
T 25	12 23 30	7°46'43	25°23	22°R37	11°19	13°31	6°25	26°56	15° 7	27°27	29°50	0°56	2°29	24°42	3°11	T 25
F 26	12 27 27	8°45'16	9♌29	22°35	12°31	14°16	6°35	27° 2	15° 7	27°29	29°49	0°52	2°26	24°49	3°14	F 26
S 27	12 31 23	9°43'47	24° 2	22°28	13°43	15° 2	6°45	27° 8	15° 6	27°31	29°48	0°47	2°23	24°55	3°16	S 27
S 28	12 35 20	10°42'16	8♍57	22°15	14°54	15°47	6°55	27°14	15° 6	27°33	29°47	0°40	2°19	25° 2	3°19	S 28
M29	12 39 16	11°40'43	24° 7	21°56	16° 5	16°33	7° 5	27°20	15° 5	27°35	29°46	0°33	2°16	25° 9	3°21	M29
T 30	12 43 13	12°39'08	9♎23	21°33	17°17	17°18	7°14	27°26	15° 4	27°37	29°45	0°26	2°13	25°15	3°23	T 30
W31	12 47 9	13♈37'31	24♎34	21♈ 6	18♉28	18♒ 4	7♒24	27♒32	15♐ 4	27♈40	29♌43	0♐20	2♐10	25♓22	3♒26	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s16	1n 7	4s53	2s20	0s 8	4n35	0s22	22s11	0s59	20s24	0s33	14s55	1s29	22s49	0s 4	8n38	1s51	25n27	15n 6	20s53	21s 3	1n18	14s 1	6n 0
T 2	5 53	4s31	4 25	1 23	0n 3	5 6	0 19	22 4	1 0	20 22	0 33	14 53	1 29	22 49	0 4	8 38	1 51	25 28	15 6	20 51	21 2	1 20	13 59	6 1
W 3	5 30	9 49	3 38	0 26	0 15	5 37	0 16	21 56	1 0	20 19	0 33	14 50	1 29	22 49	0 4	8 39	1 50	25 28	15 6	20 50	21 2	1 23	13 58	6 1
T 4	5 7	14 25	2 38	0n31	0 27	6 8	0 13	21 47	1 1	20 16	0 33	14 48	1 29	22 49	0 4	8 40	1 50	25 29	15 6	20 49	21 1	1 25	13 57	6 1
F 5	4 43	18 1	1 28	1 27	0 39	6 39	0 10	21 39	1 2	20 14	0 33	14 46	1 29	22 49	0 4	8 41	1 50	25 29	15 6	20 48	21 0	1 27	13 56	6 2
S 6	4 20	20 26	0 16	2 21	0 51	7 9	0 7	21 30	1 3	20 11	0 33	14 44	1 29	22 49	0 4	8 41	1 50	25 30	15 6	20 48	21 0	1 30	13 55	6 2
S 7	3 57	21 36	0n55	3 15	1 4	7 40	0 5	21 21	1 4	20 9	0 34	14 41	1 29	22 50	0 4	8 42	1 50	25 30	15 6	20 48	20 59	1 32	13 54	6 2
M 8	3 33	21 31	2 1	4 7	1 16	8 10	0 2	21 12	1 4	20 6	0 34	14 39	1 30	22 50	0 4	8 43	1 50	25 31	15 6	20 48	20 58	1 35	13 53	6 2
T 9	3 10	20 19	3 0	4 56	1 28	8 40	0n 1	21 3	1 5	20 3	0 34	14 37	1 30	22 50	0 4	8 43	1 50	25 31	15 6	20 48	20 58	1 37	13 52	6 3
W10	2 46	18 10	3 48	5 44	1 40	9 10	0 4	20 53	1 6	20 1	0 34	14 35	1 30	22 50	0 4	8 44	1 50	25 32	15 6	20 47	20 57	1 39	13 51	6 3
T 11	2 23	15 14	4 25	6 30	1 51	9 40	0 7	20 44	1 7	19 58	0 34	14 33	1 30	22 50	0 4	8 45	1 50	25 32	15 6	20 46	20 57	1 42	13 50	6 3
F 12	1 59	11 42	4 50	7 13	2 2	10 10	0 10	20 34	1 7	19 56	0 34	14 30	1 30	22 50	0 4	8 46	1 50	25 32	15 5	20 44	20 56	1 44	13 49	6 4
S 13	1 36	7 44	5 1	7 53	2 13	10 39	0 13	20 24	1 8	19 53	0 35	14 28	1 30	22 50	0 4	8 46	1 50	25 33	15 5	20 42	20 55	1 47	13 48	6 4
S 14	1 12	3 30	5 0	8 31	2 22	11 8	0 17	20 13	1 9	19 51	0 35	14 26	1 30	22 50	0 4	8 47	1 50	25 33	15 5	20 39	20 55	1 49	13 47	6 4
M15	0 48	0n50	4 45	9 6	2 32	11 37	0 20	20 3	1 10	19 48	0 35	14 24	1 30	22 50	0 4	8 48	1 50	25 34	15 5	20 37	20 54	1 51	13 46	6 5
T 16	0 25	5 9	4 18	9 37	2 40	12 5	0 23	19 52	1 10	19 45	0 35	14 22	1 31	22 50	0 4	8 49	1 50	25 34	15 5	20 34	20 54	1 54	13 45	6 5
W17	0 1	9 17	3 40	10 5	2 47	12 33	0 26	19 41	1 11	19 43	0 35	14 20	1 31	22 50	0 4	8 49	1 50	25 34	15 5	20 32	20 53	1 56	13 44	6 5
T 18	0n22	13 4	2 52	10 30	2 54	13 1	0 29	19 30	1 12	19 40	0 36	14 18	1 31	22 50	0 4	8 50	1 50	25 35	15 4	20 31	20 52	1 58	13 43	6 6
F 19	0 46	16 21	1 56	10 52	3 0	13 29	0 32	19 19	1 13	19 38	0 36	14 16	1 31	22 50	0 4	8 51	1 50	25 35	15 4	20 30	20 52	2 1	13 42	6 6
S 20	1 9	18 58	0 53	11 10	3 4	13 56	0 35	19 7	1 13	19 36	0 36	14 13	1 31	22 50	0 4	8 52	1 50	25 35	15 4	20 29	20 51	2 3	13 41	6 6
S 21	1 33	20 44	0s12	11 24	3 8	14 23	0 38	18 55	1 14	19 33	0 36	14 11	1 31	22 50	0 4	8 52	1 50	25 35	15 4	20 29	20 50	2 6	13 40	6 7
M22	1 56	21 32	1 18	11 35	3 10	14 50	0 41	18 43	1 15	19 31	0 36	14 9	1 31	22 50	0 4	8 53	1 50	25 36	15 4	20 29	20 50	2 8	13 39	6 7
T 23	2 20	21 13	2 23	11 43	3 11	15 16	0 44	18 31	1 16	19 28	0 36	14 7	1 32	22 50	0 4	8 54	1 50	25 36	15 3	20 29	20 49	2 10	13 38	6 7
W24	2 43	19 44	3 21	11 46	3 10	15 42	0 48	18 19	1 16	19 26	0 37	14 5	1 32	22 50	0 4	8 55	1 50	25 36	15 3	20 29	20 49	2 13	13 37	6 8
T 25	3 6	17 6	4 10	11 46	3 9	16 8	0 51	18 7	1 17	19 23	0 37	14 3	1 32	22 50	0 4	8 56	1 50	25 36	15 3	20 29	20 48	2 15	13 36	6 8
F 26	3 30	13 24	4 46	11 43	3 6	16 33	0 54	17 54	1 18	19 21	0 37	14 1	1 32	22 50	0 4	8 56	1 50	25 37	15 3	20 28	20 47	2 17	13 36	6 8
S 27	3 53	8 48	5 5	11 36	3 1	16 58	0 57	17 41	1 18	19 19	0 37	13 59	1 32	22 50	0 4	8 57	1 50	25 37	15 2	20 27	20 47	2 20	13 35	6 9
S 28	4 16	3 35	5 4	11 25	2 55	17 22	1 0	17 28	1 19	19 16	0 37	13 58	1 32	22 50	0 4	8 58	1 50	25 37	15 2	20 26	20 46	2 22	13 34	6 9
M29	4 39	1s57	4 42	11 12	2 48	17 46	1 3	17 15	1 20	19 14	0 38	13 56	1 33	22 50	0 4	8 59	1 50	25 37	15 2	20 24	20 45	2 24	13 33	6 9
T 30	5 2	7 24	3 59	10 55	2 39	18 10	1 6	17 2	1 21	19 12	0 38	13 54	1 33	22 50	0 4	9 0	1 50	25 37	15 2	20 23	20 45	2 27	13 32	6 10
W31	5n25	12s22	3s 0	10n35	2n29	18n33	1n 9	16s48	1s21	19s10	0s38	13s52	1s33	22s50	0s 4	9n 0	1s50	25n38	15n 1	20s22	20s44	2n29	13s31	6n10

Julian Day Number = 1987019.5, Delta T = 56m35s
Ecliptic obliquity = 23°36'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'27, Lahiri = 6°08'27 Julian Calendar 1 March 728 == Greg. Calendar 5 March 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

APRIL 728 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 51 6	14♈35'52	9♏29	20°R35	19♉39	18♒49	7♒33	27♒38	15°R 3	27♈42	29°R42	0°R16	2♐ 7	25♓29	3♒28	T 1
F 2	12 55 2	15°34'11	24° 1	20♈ 1	20°50	19°35	7°42	27°43	15♐ 2	27°44	29♌41	0°D15	2° 3	25°36	3°30	F 2
S 3	12 58 59	16°32'29	8♐ 7	19°24	22° 1	20°20	7°52	27°49	15° 1	27°46	29°40	0♐15	2° 0	25°42	3°32	S 3
S 4	13 2 56	17°30'45	21°44	18°45	23°12	21° 6	8° 1	27°55	15° 0	27°49	29°39	0°16	1°57	25°49	3°34	S 4
M 5	13 6 52	18°28'59	4♑55	18° 6	24°23	21°51	8°10	28° 0	14°59	27°51	29°39	0°17	1°54	25°56	3°36	M 5
T 6	13 10 49	19°27'12	17°42	17°26	25°34	22°37	8°18	28° 6	14°58	27°53	29°38	0°R18	1°51	26° 2	3°38	T 6
W 7	13 14 45	20°25'24	0♒ 9	16°47	26°44	23°22	8°27	28°11	14°57	27°55	29°37	0°17	1°48	26° 9	3°40	W 7
T 8	13 18 42	21°23'34	12°21	16° 8	27°55	24° 8	8°36	28°17	14°56	27°57	29°36	0°15	1°44	26°16	3°41	T 8
F 9	13 22 38	22°21'42	24°23	15°32	29° 5	24°53	8°44	28°22	14°55	28° 0	29°35	0°11	1°41	26°23	3°43	F 9
S 10	13 26 35	23°19'49	6♓17	14°58	0♊16	25°38	8°52	28°27	14°54	28° 2	29°34	0° 6	1°38	26°29	3°45	S 10
S 11	13 30 31	24°17'54	18° 9	14°26	1°26	26°24	9° 0	28°32	14°53	28° 4	29°33	29♏59	1°35	26°36	3°46	S 11
M12	13 34 28	25°15'57	29°59	13°58	2°36	27° 9	9° 8	28°38	14°51	28° 6	29°33	29°54	1°32	26°43	3°48	M12
T 13	13 38 25	26°13'59	11♈52	13°34	3°46	27°54	9°16	28°43	14°50	28° 9	29°32	29°47	1°28	26°49	3°49	T 13
W14	13 42 21	27°12'00	23°48	13°13	4°56	28°40	9°24	28°48	14°49	28°11	29°31	29°42	1°25	26°56	3°51	W14
T 15	13 46 18	28° 9'59	5♉50	12°57	6° 6	29°25	9°32	28°52	14°47	28°13	29°31	29°39	1°22	27° 3	3°52	T 15
F 16	13 50 14	29° 7'56	17°59	12°46	7°16	0♓10	9°39	28°57	14°46	28°15	29°30	29°36	1°19	27°10	3°53	F 16
S 17	13 54 11	0♉ 5'51	0♊18	12°39	8°26	0°55	9°46	29° 2	14°45	28°18	29°29	29°D36	1°16	27°16	3°55	S 17
S 18	13 58 7	1° 3'45	12°47	12°D36	9°35	1°41	9°53	29° 7	14°43	28°20	29°29	29°36	1°13	27°23	3°56	S 18
M19	14 2 4	2° 1'37	25°29	12°38	10°45	2°26	10° 0	29°11	14°42	28°22	29°28	29°38	1° 9	27°30	3°57	M19
T 20	14 6 0	2°59'28	8♋27	12°45	11°54	3°11	10° 7	29°16	14°40	28°24	29°28	29°39	1° 6	27°36	3°58	T 20
W21	14 9 57	3°57'16	21°43	12°57	13° 3	3°56	10°14	29°20	14°38	28°27	29°27	29°41	1° 3	27°43	3°59	W21
T 22	14 13 54	4°55'03	5♌19	13°12	14°12	4°41	10°20	29°25	14°37	28°29	29°27	29°R41	1° 0	27°50	4° 0	T 22
F 23	14 17 50	5°52'48	19°17	13°33	15°21	5°26	10°27	29°29	14°35	28°31	29°26	29°41	0°57	27°56	4° 1	F 23
S 24	14 21 47	6°50'31	3♍35	13°58	16°30	6°11	10°33	29°33	14°33	28°33	29°26	29°39	0°54	28° 3	4° 1	S 24
S 25	14 25 43	7°48'12	18°12	14°27	17°39	6°56	10°39	29°38	14°31	28°36	29°25	29°37	0°50	28°10	4° 2	S 25
M26	14 29 40	8°45'52	3♎ 2	15° 0	18°48	7°41	10°45	29°42	14°30	28°38	29°25	29°34	0°47	28°17	4° 3	M26
T 27	14 33 36	9°43'30	17°58	15°37	19°56	8°26	10°51	29°46	14°28	28°40	29°25	29°31	0°44	28°23	4° 3	T 27
W28	14 37 33	10°41'07	2♏53	16°17	21° 5	9°11	10°56	29°50	14°26	28°42	29°24	29°29	0°41	28°30	4° 4	W28
T 29	14 41 29	11°38'43	17°38	17° 2	22°13	9°55	11° 2	29°53	14°24	28°45	29°24	29°28	0°38	28°37	4° 4	T 29
F 30	14 45 26	12♉36'17	2♐ 6	17♈50	23♊21	10♓40	11♒ 7	29♒57	14♐22	28♈47	29♌24	29°D28	0♐34	28♓43	4♒ 5	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n47	16s29	1s50	10n13	2n17	18n55	1n12	16s35	1s22	19s 7	0s38	13s50	1s33	22s49	0s 4	9n 1	1s50	25n38	15n 1	20s21	20s44	2n31	13s30	6n11
F 2	6 10	19 27	0 34	9 48	2 5	19 17	1 15	16 21	1 23	19 5	0 38	13 48	1 33	22 49	0 4	9 2	1 50	25 38	15 1	20 20	20 43	2 34	13 29	6 11
S 3	6 33	21 7	0n43	9 21	1 51	19 39	1 18	16 7	1 23	19 3	0 39	13 46	1 33	22 49	0 4	9 3	1 50	25 38	15 1	20 20	20 42	2 36	13 28	6 11
S 4	6 55	21 27	1 54	8 53	1 36	20 0	1 21	15 53	1 24	19 1	0 39	13 44	1 34	22 49	0 4	9 4	1 50	25 38	15 0	20 21	20 42	2 39	13 28	6 12
M 5	7 18	20 34	2 57	8 23	1 21	20 21	1 24	15 39	1 25	18 59	0 39	13 43	1 34	22 49	0 4	9 4	1 50	25 38	15 0	20 21	20 41	2 41	13 27	6 12
T 6	7 40	18 39	3 49	7 53	1 5	20 41	1 26	15 25	1 25	18 57	0 39	13 41	1 34	22 49	0 4	9 5	1 50	25 38	15 0	20 21	20 40	2 43	13 26	6 13
W 7	8 2	15 53	4 29	7 23	0 48	21 0	1 29	15 10	1 26	18 55	0 39	13 39	1 34	22 49	0 4	9 6	1 50	25 38	14 59	20 21	20 40	2 46	13 25	6 13
T 8	8 24	12 29	4 55	6 52	0 31	21 19	1 32	14 56	1 27	18 53	0 40	13 37	1 34	22 49	0 4	9 7	1 50	25 38	14 59	20 21	20 39	2 48	13 24	6 13
F 9	8 46	8 38	5 9	6 22	0 14	21 38	1 35	14 41	1 27	18 50	0 40	13 36	1 34	22 49	0 4	9 8	1 50	25 38	14 59	20 20	20 38	2 50	13 24	6 14
S 10	9 7	4 29	5 9	5 53	0s 3	21 56	1 37	14 26	1 28	18 49	0 40	13 34	1 35	22 49	0 4	9 9	1 50	25 38	14 58	20 19	20 38	2 53	13 23	6 14
S 11	9 29	0 12	4 55	5 26	0 20	22 13	1 40	14 11	1 29	18 47	0 40	13 32	1 35	22 48	0 4	9 9	1 50	25 38	14 58	20 17	20 37	2 55	13 22	6 15
M12	9 50	4n 6	4 29	5 0	0 36	22 30	1 43	13 56	1 29	18 45	0 41	13 31	1 35	22 48	0 4	9 10	1 50	25 38	14 58	20 16	20 36	2 57	13 21	6 15
T 13	10 12	8 16	3 51	4 35	0 52	22 46	1 45	13 41	1 30	18 43	0 41	13 29	1 35	22 48	0 4	9 11	1 50	25 38	14 57	20 15	20 36	3 0	13 21	6 15
W14	10 33	12 8	3 3	4 13	1 8	23 2	1 48	13 26	1 30	18 41	0 41	13 28	1 35	22 48	0 4	9 12	1 50	25 38	14 57	20 14	20 35	3 2	13 20	6 16
T 15	10 54	15 32	2 6	3 53	1 22	23 17	1 50	13 10	1 31	18 39	0 41	13 26	1 36	22 48	0 4	9 13	1 50	25 38	14 57	20 13	20 34	3 4	13 19	6 16
F 16	11 14	18 19	1 3	3 36	1 36	23 31	1 52	12 55	1 32	18 37	0 41	13 25	1 36	22 48	0 4	9 13	1 50	25 38	14 56	20 12	20 34	3 7	13 18	6 17
S 17	11 35	20 17	0s 4	3 21	1 50	23 45	1 55	12 39	1 32	18 36	0 42	13 23	1 36	22 48	0 4	9 14	1 50	25 38	14 56	20 12	20 33	3 9	13 18	6 17
S 18	11 55	21 18	1 12	3 8	2 2	23 58	1 57	12 24	1 33	18 34	0 42	13 22	1 36	22 47	0 4	9 15	1 50	25 38	14 56	20 12	20 33	3 11	13 17	6 17
M19	12 16	21 14	2 17	2 59	2 14	24 11	1 59	12 8	1 33	18 32	0 42	13 20	1 36	22 47	0 4	9 16	1 50	25 38	14 55	20 13	20 32	3 14	13 16	6 18
T 20	12 36	20 3	3 17	2 52	2 24	24 22	2 1	11 52	1 34	18 31	0 42	13 19	1 37	22 47	0 4	9 17	1 50	25 38	14 55	20 13	20 31	3 16	13 16	6 18
W21	12 55	17 45	4 8	2 47	2 34	24 34	2 3	11 36	1 35	18 29	0 43	13 17	1 37	22 47	0 4	9 17	1 50	25 37	14 55	20 13	20 31	3 18	13 15	6 19
T 22	13 15	14 26	4 47	2 45	2 43	24 44	2 5	11 20	1 35	18 27	0 43	13 16	1 37	22 47	0 4	9 18	1 50	25 37	14 54	20 13	20 30	3 20	13 15	6 19
F 23	13 34	10 14	5 9	2 46	2 50	24 54	2 7	11 4	1 36	18 26	0 43	13 15	1 37	22 47	0 4	9 19	1 50	25 37	14 54	20 13	20 29	3 23	13 14	6 20
S 24	13 53	5 23	5 14	2 49	2 57	25 3	2 9	10 48	1 36	18 24	0 43	13 13	1 37	22 46	0 4	9 20	1 50	25 37	14 54	20 13	20 29	3 25	13 13	6 20
S 25	14 12	0 8	4 58	2 55	3 3	25 12	2 11	10 31	1 37	18 23	0 44	13 12	1 38	22 46	0 4	9 21	1 50	25 37	14 53	20 12	20 28	3 27	13 13	6 20
M26	14 31	5s13	4 23	3 3	3 8	25 20	2 13	10 15	1 37	18 22	0 44	13 11	1 38	22 46	0 4	9 21	1 50	25 36	14 53	20 12	20 27	3 30	13 12	6 21
T 27	14 50	10 19	3 29	3 13	3 13	25 27	2 14	9 59	1 38	18 20	0 44	13 10	1 38	22 46	0 4	9 22	1 50	25 36	14 52	20 11	20 27	3 32	13 12	6 21
W28	15 8	14 46	2 21	3 26	3 16	25 34	2 16	9 42	1 38	18 19	0 44	13 8	1 38	22 46	0 4	9 23	1 50	25 36	14 52	20 11	20 26	3 34	13 11	6 22
T 29	15 26	18 15	1 5	3 41	3 18	25 39	2 17	9 25	1 39	18 18	0 45	13 7	1 38	22 45	0 4	9 24	1 50	25 36	14 52	20 10	20 25	3 37	13 11	6 22
F 30	15n44	20s29	0n15	3n58	3s20	25n45	2n19	9s 9	1s39	18s16	0s45	13s 6	1s39	22s45	0s 4	9n24	1s50	25n35	14n51	20s10	20s25	3n39	13s10	6n23

Julian Day Number = 1987050.5, Delta T = 56m35s
Ecliptic obliquity = 23°36'09, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'31, Lahiri = 6°08'32 Julian Calendar 1 Apr. 728 == Greg. Calendar 5 Apr. 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

MAY 728 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 49 23	13♉33'50	16♐13	18♈42	24♊29	11♓25	11♒12	0♓ 1	14°R20	28♈49	29°R24	29♏28	0♐31	28♓50	4♒ 5	S 1
S 2	14 53 19	14°31'22	29°54	19°37	25°37	12°10	11°17	0° 5	14♐18	28°51	29♌24	29°29	0°28	28°57	4° 5	S 2
M 3	14 57 16	15°28'53	13♋10	20°36	26°45	12°54	11°22	0° 8	14°16	28°53	29°23	29°31	0°25	29° 4	4° 5	M 3
T 4	15 1 12	16°26'23	26° 2	21°37	27°52	13°39	11°26	0°11	14°14	28°56	29°23	29°32	0°22	29°10	4° 6	T 4
W 5	15 5 9	17°23'53	8♒34	22°42	29° 0	14°23	11°31	0°15	14°12	28°58	29°23	29°32	0°19	29°17	4°R 6	W 5
T 6	15 9 5	18°21'21	20°49	23°50	0♋ 7	15° 8	11°35	0°18	14°10	29° 0	29°23	29°R32	0°15	29°24	4° 6	T 6
F 7	15 13 2	19°18'48	2♓52	25° 1	1°14	15°52	11°39	0°21	14° 8	29° 2	29°D23	29°32	0°12	29°30	4° 5	F 7
S 8	15 16 58	20°16'15	14°47	26°15	2°21	16°37	11°43	0°24	14° 6	29° 4	29°23	29°31	0° 9	29°37	4° 5	S 8
S 9	15 20 55	21°13'41	26°38	27°32	3°28	17°21	11°47	0°27	14° 4	29° 6	29°23	29°30	0° 6	29°44	4° 5	S 9
M10	15 24 52	22°11'06	8♈29	28°51	4°34	18° 6	11°50	0°30	14° 1	29° 8	29°23	29°29	0° 3	29°50	4° 5	M10
T 11	15 28 48	23° 8'30	20°25	0♉13	5°41	18°50	11°54	0°33	13°59	29°11	29°23	29°28	29♏59	29°57	4° 5	T 11
W12	15 32 45	24° 5'54	2♉27	1°38	6°47	19°34	11°57	0°36	13°57	29°13	29°24	29°28	29°56	0♈ 4	4° 4	W12
T 13	15 36 41	25° 3'16	14°39	3° 6	7°53	20°18	12° 0	0°38	13°55	29°15	29°24	29°27	29°53	0°11	4° 4	T 13
F 14	15 40 38	26° 0'38	27° 1	4°37	8°59	21° 2	12° 3	0°41	13°52	29°17	29°24	29°D27	29°50	0°17	4° 3	F 14
S 15	15 44 34	26°57'59	9♊36	6°10	10° 5	21°47	12° 5	0°43	13°50	29°19	29°24	29°27	29°47	0°24	4° 3	S 15
S 16	15 48 31	27°55'19	22°24	7°46	11°10	22°30	12° 8	0°46	13°48	29°21	29°24	29°27	29°44	0°31	4° 2	S 16
M17	15 52 27	28°52'39	5♋26	9°24	12°16	23°14	12°10	0°48	13°46	29°23	29°25	29°27	29°40	0°37	4° 1	M17
T 18	15 56 24	29°49'57	18°41	11° 6	13°21	23°58	12°12	0°50	13°43	29°25	29°25	29°R27	29°37	0°44	4° 0	T 18
W19	16 0 21	0♊47'15	2♌11	12°49	14°26	24°42	12°14	0°52	13°41	29°27	29°25	29°27	29°34	0°51	4° 0	W19
T 20	16 4 17	1°44'31	15°56	14°36	15°31	25°26	12°16	0°54	13°38	29°29	29°26	29°27	29°31	0°58	3°59	T 20
F 21	16 8 14	2°41'46	29°53	16°25	16°35	26° 9	12°17	0°56	13°36	29°31	29°26	29°D27	29°28	1° 4	3°58	F 21
S 22	16 12 10	3°39'01	14♍ 3	18°16	17°39	26°53	12°18	0°58	13°34	29°33	29°27	29°27	29°25	1°11	3°57	S 22
S 23	16 16 7	4°36'14	28°24	20°10	18°44	27°37	12°19	0°59	13°31	29°35	29°27	29°27	29°21	1°18	3°56	S 23
M24	16 20 3	5°33'27	12♎51	22° 6	19°47	28°20	12°20	1° 1	13°29	29°37	29°28	29°28	29°18	1°24	3°54	M24
T 25	16 24 0	6°30'39	27°22	24° 5	20°51	29° 3	12°21	1° 3	13°26	29°39	29°28	29°29	29°15	1°31	3°53	T 25
W26	16 27 56	7°27'50	11♏52	26° 6	21°54	29°47	12°22	1° 4	13°24	29°40	29°29	29°29	29°12	1°38	3°52	W26
T 27	16 31 53	8°25'01	26°14	28° 8	22°57	0♈30	12°22	1° 5	13°22	29°42	29°29	29°R29	29° 9	1°44	3°51	T 27
F 28	16 35 50	9°22'11	10♐25	0♊13	24° 0	1°13	12°R22	1° 6	13°19	29°44	29°30	29°29	29° 5	1°51	3°49	F 28
S 29	16 39 46	10°19'21	24°20	2°19	25° 3	1°56	12°22	1° 7	13°17	29°46	29°31	29°29	29° 2	1°58	3°48	S 29
S 30	16 43 43	11°16'30	7♋55	4°27	26° 5	2°39	12°22	1° 8	13°14	29°48	29°31	29°27	28°59	2° 5	3°46	S 30
M31	16 47 39	12♊13'39	21♋ 9	6♊36	27♋ 7	3♈22	12♒22	1♓ 9	13♐12	29♈50	29♌32	29♏26	28♏56	2♈11	3♒45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n 1	21s22	1n31	4n17	3s21	25n49	2n20	8s52	1s40	18s15	0s45	13s 5	1s39	22s45	0s 4	9n25	1s50	25n35	14n51	20s11	20s24	3n41	13s10	6n23
S 2	16 18	20 56	2 40	4 38	3 21	25 53	2 21	8 35	1 40	18 14	0 45	13 4	1 39	22 45	0 4	9 26	1 50	25 35	14 51	20 11	20 23	3 44	13 9	6 23
M 3	16 35	19 19	3 39	5 0	3 20	25 56	2 22	8 19	1 41	18 13	0 46	13 3	1 39	22 44	0 4	9 27	1 50	25 35	14 50	20 11	20 23	3 46	13 9	6 24
T 4	16 52	16 45	4 24	5 25	3 19	25 58	2 23	8 2	1 41	18 12	0 46	13 2	1 40	22 44	0 4	9 27	1 50	25 34	14 50	20 11	20 22	3 48	13 8	6 24
W 5	17 8	13 29	4 56	5 51	3 17	26 0	2 24	7 45	1 42	18 11	0 46	13 1	1 40	22 44	0 4	9 28	1 50	25 34	14 49	20 11	20 21	3 50	13 8	6 25
T 6	17 25	9 42	5 13	6 18	3 14	26 1	2 25	7 28	1 42	18 10	0 46	13 0	1 40	22 44	0 4	9 29	1 50	25 34	14 49	20 11	20 21	3 53	13 7	6 25
F 7	17 40	5 37	5 16	6 47	3 11	26 2	2 26	7 11	1 43	18 9	0 47	12 59	1 40	22 44	0 4	9 30	1 50	25 33	14 49	20 11	20 20	3 55	13 7	6 25
S 8	17 56	1 20	5 5	7 18	3 7	26 1	2 27	6 54	1 43	18 8	0 47	12 58	1 40	22 43	0 4	9 30	1 50	25 33	14 48	20 11	20 19	3 57	13 7	6 26
S 9	18 11	2n58	4 42	7 50	3 2	26 0	2 27	6 37	1 44	18 8	0 47	12 57	1 41	22 43	0 4	9 31	1 50	25 32	14 48	20 11	20 19	4 0	13 6	6 26
M10	18 26	7 9	4 6	8 23	2 57	25 59	2 27	6 20	1 44	18 7	0 47	12 56	1 41	22 43	0 4	9 32	1 50	25 32	14 47	20 11	20 18	4 2	13 6	6 27
T 11	18 41	11 7	3 20	8 58	2 51	25 56	2 28	6 3	1 44	18 6	0 48	12 56	1 41	22 43	0 4	9 33	1 50	25 32	14 47	20 11	20 17	4 4	13 6	6 27
W12	18 55	14 40	2 24	9 33	2 44	25 53	2 28	5 46	1 45	18 6	0 48	12 55	1 41	22 42	0 5	9 33	1 50	25 31	14 47	20 10	20 17	4 6	13 5	6 28
T 13	19 10	17 38	1 21	10 10	2 37	25 50	2 28	5 29	1 45	18 5	0 48	12 54	1 42	22 42	0 5	9 34	1 50	25 31	14 46	20 10	20 16	4 9	13 5	6 28
F 14	19 23	19 51	0 13	10 48	2 30	25 45	2 28	5 11	1 46	18 4	0 48	12 53	1 42	22 42	0 5	9 35	1 50	25 30	14 46	20 10	20 15	4 11	13 5	6 28
S 15	19 37	21 7	0s56	11 26	2 22	25 40	2 28	4 54	1 46	18 4	0 49	12 53	1 42	22 41	0 5	9 36	1 50	25 30	14 45	20 10	20 14	4 13	13 5	6 29
S 16	19 50	21 19	2 4	12 6	2 13	25 35	2 28	4 37	1 46	18 3	0 49	12 52	1 42	22 41	0 5	9 36	1 50	25 29	14 45	20 10	20 14	4 15	13 4	6 29
M17	20 3	20 23	3 7	12 46	2 4	25 29	2 27	4 20	1 47	18 3	0 49	12 52	1 43	22 41	0 5	9 37	1 50	25 29	14 45	20 10	20 13	4 18	13 4	6 30
T 18	20 15	18 19	4 0	13 26	1 55	25 22	2 27	4 3	1 47	18 3	0 50	12 51	1 43	22 41	0 5	9 38	1 50	25 28	14 44	20 10	20 12	4 20	13 4	6 30
W19	20 27	15 13	4 42	14 8	1 45	25 14	2 26	3 46	1 47	18 3	0 50	12 51	1 43	22 40	0 5	9 38	1 50	25 28	14 44	20 10	20 12	4 22	13 4	6 30
T 20	20 39	11 16	5 8	14 49	1 35	25 6	2 25	3 28	1 48	18 2	0 50	12 50	1 43	22 40	0 5	9 39	1 50	25 27	14 43	20 10	20 11	4 25	13 3	6 31
F 21	20 50	6 38	5 17	15 31	1 25	24 57	2 25	3 11	1 48	18 2	0 50	12 50	1 43	22 40	0 5	9 40	1 50	25 27	14 43	20 10	20 10	4 27	13 3	6 31
S 22	21 2	1 36	5 7	16 12	1 14	24 48	2 24	2 54	1 48	18 2	0 51	12 49	1 44	22 40	0 5	9 40	1 50	25 26	14 43	20 10	20 10	4 29	13 3	6 32
S 23	21 12	3s36	4 38	16 54	1 3	24 38	2 22	2 37	1 49	18 2	0 51	12 49	1 44	22 39	0 5	9 41	1 50	25 26	14 42	20 10	20 9	4 31	13 3	6 32
M24	21 23	8 39	3 51	17 35	0 52	24 28	2 21	2 20	1 49	18 2	0 51	12 48	1 44	22 39	0 5	9 42	1 50	25 25	14 42	20 10	20 8	4 34	13 3	6 32
T 25	21 33	13 14	2 49	18 16	0 41	24 16	2 20	2 3	1 49	18 2	0 51	12 48	1 44	22 39	0 5	9 42	1 50	25 25	14 41	20 11	20 8	4 36	13 3	6 33
W26	21 42	17 1	1 36	18 56	0 30	24 5	2 18	1 45	1 49	18 2	0 52	12 48	1 45	22 38	0 5	9 43	1 50	25 24	14 41	20 11	20 7	4 38	13 3	6 33
T 27	21 51	19 44	0 18	19 35	0 18	23 53	2 17	1 28	1 50	18 2	0 52	12 48	1 45	22 38	0 5	9 43	1 50	25 23	14 41	20 11	20 6	4 40	13 3	6 33
F 28	22 0	21 10	1n 0	20 13	0 7	23 40	2 15	1 11	1 50	18 3	0 52	12 47	1 45	22 38	0 5	9 44	1 50	25 23	14 40	20 11	20 6	4 43	13 3	6 34
S 29	22 9	21 16	2 13	20 50	0n 4	23 27	2 13	0 54	1 50	18 3	0 53	12 47	1 45	22 38	0 5	9 45	1 50	25 22	14 40	20 11	20 5	4 45	13 3	6 34
S 30	22 17	20 5	3 17	21 25	0 14	23 13	2 11	0 37	1 50	18 3	0 53	12 47	1 46	22 37	0 5	9 45	1 50	25 22	14 39	20 10	20 4	4 47	13 3	6 35
M31	22n25	17s50	4n 8	21n58	0n25	22n59	2n 9	0s20	1s50	18s 4	0s53	12s47	1s46	22s37	0s 5	9n46	1s50	25n21	14n39	20s10	20s 3	4n49	13s 3	6n35

Julian Day Number = 1987080.5, Delta T = 56m34s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'35, Lahiri = 6°08'36 Julian Calendar 1 May 728 == Greg. Calendar 5 May 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

JUNE 728 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 51 36	13♊10'48	4♒ 2	8♊46	28♋ 8	4♈ 5	12°R21	1♓10	13°R 9	29♈51	29♌33	29°R24	28♏53	2♈18	3°R43	T 1
W 2	16 55 32	14° 7'57	16°36	10°57	29°10	4°48	12♒20	1°11	13♐ 7	29°53	29°34	29♏22	28°50	2°25	3♒41	W 2
T 3	16 59 29	15° 5'06	28°53	13° 8	0♌11	5°31	12°19	1°11	13° 5	29°55	29°35	29°21	28°46	2°31	3°40	T 3
F 4	17 3 25	16° 2'15	10♓57	15°19	1°12	6°13	12°18	1°12	13° 2	29°56	29°35	29°D20	28°43	2°38	3°38	F 4
S 5	17 7 22	16°59'24	22°53	17°30	2°12	6°56	12°17	1°12	13° 0	29°58	29°36	29°20	28°40	2°45	3°36	S 5
S 6	17 11 19	17°56'33	4♈45	19°40	3°12	7°38	12°15	1°13	12°57	29°59	29°37	29°21	28°37	2°51	3°34	S 6
M 7	17 15 15	18°53'43	16°37	21°50	4°12	8°21	12°13	1°13	12°55	0♉ 1	29°38	29°22	28°34	2°58	3°32	M 7
T 8	17 19 12	19°50'52	28°36	23°59	5°11	9° 3	12°11	1°R13	12°52	0° 3	29°39	29°24	28°31	3° 5	3°30	T 8
W 9	17 23 8	20°48'02	10♉43	26° 7	6°10	9°45	12° 9	1°13	12°50	0° 5	29°40	29°25	28°27	3°12	3°28	W 9
T 10	17 27 5	21°45'12	23° 3	28°13	7° 9	10°27	12° 7	1°13	12°48	0° 6	29°41	29°26	28°24	3°18	3°26	T 10
F 11	17 31 1	22°42'22	5♊39	0♋18	8° 7	11° 9	12° 4	1°13	12°45	0° 8	29°42	29°R26	28°21	3°25	3°24	F 11
S 12	17 34 58	23°39'32	18°31	2°22	9° 5	11°51	12° 2	1°12	12°43	0° 9	29°43	29°25	28°18	3°32	3°22	S 12
S 13	17 38 54	24°36'42	1♋41	4°24	10° 2	12°33	11°59	1°12	12°40	0°11	29°44	29°23	28°15	3°38	3°20	S 13
M14	17 42 51	25°33'53	15° 7	6°24	10°59	13°15	11°56	1°11	12°38	0°12	29°45	29°20	28°11	3°45	3°17	M14
T 15	17 46 48	26°31'03	28°48	8°23	11°56	13°56	11°52	1°11	12°36	0°14	29°47	29°16	28° 8	3°52	3°15	T 15
W16	17 50 44	27°28'14	12♌41	10°19	12°52	14°38	11°49	1°10	12°33	0°15	29°48	29°12	28° 5	3°58	3°13	W16
T 17	17 54 41	28°25'24	26°43	12°14	13°47	15°19	11°45	1° 9	12°31	0°16	29°49	29° 8	28° 2	4° 5	3°10	T 17
F 18	17 58 37	29°22'34	10♍51	14° 7	14°42	16° 0	11°42	1° 8	12°29	0°18	29°50	29° 6	27°59	4°12	3° 8	F 18
S 19	18 2 34	0♋19'45	25° 3	15°58	15°37	16°41	11°38	1° 7	12°26	0°19	29°52	29°D 5	27°56	4°19	3° 5	S 19
S 20	18 6 30	1°16'55	9♎15	17°47	16°31	17°22	11°33	1° 6	12°24	0°20	29°53	29° 5	27°52	4°25	3° 3	S 20
M21	18 10 27	2°14'05	23°27	19°34	17°24	18° 3	11°29	1° 5	12°22	0°22	29°54	29° 6	27°49	4°32	3° 0	M21
T 22	18 14 23	3°11'16	7♏35	21°19	18°17	18°44	11°25	1° 4	12°20	0°23	29°55	29° 7	27°46	4°39	2°57	T 22
W23	18 18 20	4° 8'27	21°38	23° 3	19° 9	19°25	11°20	1° 3	12°18	0°24	29°57	29° 8	27°43	4°45	2°55	W23
T 24	18 22 17	5° 5'38	5♐34	24°44	20° 1	20° 5	11°15	1° 1	12°15	0°25	29°58	29°R 8	27°40	4°52	2°52	T 24
F 25	18 26 13	6° 2'49	19°21	26°24	20°52	20°46	11°10	0°59	12°13	0°27	29°59	29° 7	27°37	4°59	2°49	F 25
S 26	18 30 10	7° 0'01	2♑55	28° 1	21°42	21°26	11° 5	0°58	12°11	0°28	0♍ 1	29° 3	27°33	5° 5	2°47	S 26
S 27	18 34 6	7°57'13	16°14	29°37	22°32	22° 6	11° 0	0°56	12° 9	0°29	0° 3	28°58	27°30	5°12	2°44	S 27
M28	18 38 3	8°54'26	29°17	1♌11	23°20	22°46	10°54	0°54	12° 7	0°30	0° 4	28°52	27°27	5°19	2°41	M28
T 29	18 41 59	9°51'39	12♒ 4	2°43	24° 8	23°26	10°49	0°52	12° 5	0°31	0° 6	28°45	27°24	5°25	2°38	T 29
W30	18 45 56	10♋48'54	24♒34	4♌13	24♌56	24♈ 6	10♒43	0♓50	12♐ 3	0♉32	0♍ 7	28♏38	27♏21	5♈32	2♒35	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n32	14s45	4n46	22n29	0n35	22n44	2n 6	0s 3	1s51	18s 4	0s53	12s47	1s46	22s37	0s 5	9n46	1s51	25n20	14n39	20s10	20s 3	4n52	13s 3	6n35
W 2	22 39	11 4	5 8	22 58	0 45	22 29	2 4	0n14	1 51	18 4	0 54	12 47	1 46	22 36	0 5	9 47	1 51	25 20	14 38	20 9	20 2	4 54	13 3	6 36
T 3	22 46	7 0	5 16	23 25	0 54	22 13	2 1	0 30	1 51	18 5	0 54	12 47	1 47	22 36	0 5	9 48	1 51	25 19	14 38	20 9	20 1	4 56	13 3	6 36
F 4	22 52	2 44	5 10	23 49	1 3	21 57	1 58	0 47	1 51	18 6	0 54	12 47	1 47	22 36	0 5	9 48	1 51	25 18	14 37	20 9	20 1	4 58	13 3	6 36
S 5	22 58	1n35	4 50	24 11	1 11	21 40	1 55	1 4	1 51	18 6	0 55	12 47	1 47	22 35	0 5	9 49	1 51	25 18	14 37	20 9	20 0	5 0	13 3	6 37
S 6	23 3	5 50	4 18	24 30	1 18	21 23	1 52	1 21	1 52	18 7	0 55	12 47	1 47	22 35	0 5	9 49	1 51	25 17	14 37	20 9	19 59	5 3	13 3	6 37
M 7	23 8	9 53	3 35	24 46	1 25	21 6	1 49	1 37	1 52	18 8	0 55	12 47	1 48	22 35	0 5	9 50	1 51	25 16	14 36	20 9	19 58	5 5	13 3	6 37
T 8	23 13	13 34	2 42	24 59	1 31	20 48	1 45	1 54	1 52	18 9	0 55	12 48	1 48	22 35	0 5	9 50	1 51	25 16	14 36	20 10	19 58	5 7	13 3	6 38
W 9	23 17	16 45	1 41	25 9	1 36	20 30	1 42	2 11	1 52	18 9	0 56	12 48	1 48	22 34	0 5	9 51	1 51	25 15	14 36	20 10	19 57	5 9	13 3	6 38
T 10	23 21	19 14	0 35	25 16	1 41	20 11	1 38	2 27	1 52	18 10	0 56	12 48	1 48	22 34	0 5	9 51	1 51	25 14	14 35	20 10	19 56	5 12	13 4	6 38
F 11	23 24	20 50	0s34	25 21	1 45	19 52	1 34	2 43	1 52	18 11	0 56	12 48	1 49	22 34	0 5	9 52	1 51	25 13	14 35	20 10	19 56	5 14	13 4	6 38
S 12	23 27	21 23	1 43	25 23	1 48	19 33	1 30	3 0	1 52	18 12	0 56	12 49	1 49	22 33	0 5	9 52	1 51	25 13	14 35	20 10	19 55	5 16	13 4	6 39
S 13	23 29	20 48	2 48	25 22	1 51	19 14	1 26	3 16	1 52	18 13	0 57	12 49	1 49	22 33	0 5	9 53	1 51	25 12	14 34	20 9	19 54	5 18	13 4	6 39
M14	23 32	19 1	3 45	25 19	1 52	18 54	1 21	3 32	1 52	18 15	0 57	12 50	1 49	22 33	0 5	9 53	1 51	25 11	14 34	20 9	19 54	5 20	13 4	6 39
T 15	23 33	16 8	4 30	25 13	1 53	18 33	1 17	3 49	1 52	18 16	0 57	12 50	1 50	22 32	0 5	9 54	1 51	25 11	14 33	20 8	19 53	5 23	13 5	6 40
W16	23 35	12 19	5 0	25 5	1 54	18 13	1 12	4 5	1 52	18 17	0 58	12 50	1 50	22 32	0 5	9 54	1 51	25 10	14 33	20 7	19 52	5 25	13 5	6 40
T 17	23 36	7 48	5 13	24 55	1 54	17 52	1 7	4 21	1 52	18 18	0 58	12 51	1 50	22 32	0 5	9 55	1 51	25 9	14 33	20 6	19 51	5 27	13 5	6 40
F 18	23 36	2 49	5 6	24 43	1 53	17 31	1 2	4 37	1 52	18 20	0 58	12 52	1 50	22 32	0 5	9 55	1 51	25 8	14 32	20 6	19 51	5 29	13 6	6 40
S 19	23 36	2s19	4 41	24 29	1 51	17 10	0 57	4 52	1 52	18 21	0 58	12 52	1 51	22 31	0 5	9 55	1 51	25 7	14 32	20 5	19 50	5 31	13 6	6 41
S 20	23 36	7 21	3 59	24 13	1 49	16 48	0 51	5 8	1 52	18 22	0 59	12 53	1 51	22 31	0 5	9 56	1 51	25 7	14 32	20 5	19 49	5 34	13 6	6 41
M21	23 35	11 59	3 3	23 55	1 46	16 27	0 45	5 24	1 52	18 24	0 59	12 53	1 51	22 31	0 5	9 56	1 51	25 6	14 31	20 6	19 49	5 36	13 7	6 41
T 22	23 34	15 57	1 55	23 36	1 43	16 5	0 40	5 39	1 52	18 25	0 59	12 54	1 51	22 30	0 5	9 57	1 52	25 5	14 31	20 6	19 48	5 38	13 7	6 41
W23	23 32	18 57	0 41	23 15	1 39	15 43	0 34	5 55	1 52	18 27	0 59	12 55	1 52	22 30	0 5	9 57	1 52	25 4	14 31	20 6	19 47	5 40	13 7	6 42
T 24	23 30	20 48	0n35	22 53	1 35	15 21	0 27	6 10	1 52	18 28	1 0	12 56	1 52	22 30	0 5	9 57	1 52	25 4	14 31	20 6	19 46	5 42	13 8	6 42
F 25	23 28	21 23	1 48	22 29	1 30	14 58	0 21	6 26	1 52	18 30	1 0	12 56	1 52	22 30	0 5	9 58	1 52	25 3	14 30	20 6	19 46	5 45	13 8	6 42
S 26	23 25	20 41	2 53	22 5	1 24	14 36	0 14	6 41	1 52	18 32	1 0	12 57	1 52	22 29	0 5	9 58	1 52	25 2	14 30	20 5	19 45	5 47	13 8	6 42
S 27	23 22	18 50	3 48	21 39	1 19	14 13	0 8	6 56	1 52	18 33	1 0	12 58	1 52	22 29	0 5	9 58	1 52	25 1	14 30	20 4	19 44	5 49	13 9	6 42
M28	23 18	16 3	4 29	21 12	1 12	13 50	0 1	7 11	1 52	18 35	1 1	12 59	1 53	22 29	0 5	9 59	1 52	25 0	14 29	20 3	19 43	5 51	13 9	6 43
T 29	23 14	12 33	4 56	20 45	1 6	13 28	0s 7	7 26	1 52	18 37	1 1	13 0	1 53	22 28	0 5	9 59	1 52	24 59	14 29	20 1	19 43	5 53	13 10	6 43
W30	23n10	8s34	5n 8	20n17	0n58	13n 5	0s14	7n41	1s52	18s39	1s 1	13s 1	1s53	22s28	0s 5	9n59	1s52	24n59	14n29	20s 0	19s42	5n55	13s10	6n43

Julian Day Number = 1987111.5, Delta T = 56m33s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'40, Lahiri = 6°08'40 Julian Calendar 1 June 728 == Greg. Calendar 5 June 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

JULY 728 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 49 53	11♋46'09	6♓50	5♌41	25♌42	24♈46	10°R37	0°R48	12°R 1	0♉33	0♍ 9	28°R33	27♏17	5♈39	2°R32	T 1
F 2	18 53 49	12°43'25	18°53	7° 7	26°28	25°25	10♒31	0♓46	11♐59	0°34	0°10	28♏28	27°14	5°46	2♒30	F 2
S 3	18 57 46	13°40'42	0♈49	8°31	27°13	26° 5	10°25	0°44	11°57	0°35	0°12	28°25	27°11	5°52	2°27	S 3
S 4	19 1 42	14°38'00	12°40	9°53	27°57	26°44	10°19	0°41	11°55	0°36	0°13	28°D24	27° 8	5°59	2°24	S 4
M 5	19 5 39	15°35'19	24°32	11°13	28°40	27°23	10°13	0°39	11°53	0°37	0°15	28°25	27° 5	6° 6	2°21	M 5
T 6	19 9 35	16°32'39	6♉31	12°31	29°22	28° 2	10° 6	0°36	11°51	0°37	0°17	28°26	27° 2	6°12	2°18	T 6
W 7	19 13 32	17°30'00	18°40	13°47	0♍ 3	28°41	10° 0	0°34	11°49	0°38	0°18	28°27	26°58	6°19	2°14	W 7
T 8	19 17 28	18°27'23	1♊ 6	15° 1	0°43	29°20	9°53	0°31	11°47	0°39	0°20	28°R27	26°55	6°26	2°11	T 8
F 9	19 21 25	19°24'47	13°50	16°12	1°22	29°58	9°46	0°28	11°46	0°40	0°22	28°26	26°52	6°32	2° 8	F 9
S 10	19 25 22	20°22'11	26°57	17°21	2° 0	0♉36	9°39	0°25	11°44	0°41	0°24	28°23	26°49	6°39	2° 5	S 10
S 11	19 29 18	21°19'37	10♋25	18°27	2°37	1°15	9°32	0°22	11°42	0°41	0°25	28°17	26°46	6°46	2° 2	S 11
M12	19 33 15	22°17'04	24°15	19°31	3°12	1°53	9°25	0°19	11°41	0°42	0°27	28°10	26°43	6°53	1°59	M12
T 13	19 37 11	23°14'32	8♌23	20°33	3°46	2°31	9°18	0°16	11°39	0°43	0°29	28° 1	26°39	6°59	1°56	T 13
W14	19 41 8	24°12'01	22°43	21°31	4°19	3° 8	9°10	0°13	11°37	0°43	0°31	27°53	26°36	7° 6	1°53	W14
T 15	19 45 4	25° 9'31	7♍10	22°27	4°51	3°46	9° 3	0°10	11°36	0°44	0°33	27°45	26°33	7°13	1°50	T 15
F 16	19 49 1	26° 7'01	21°38	23°20	5°21	4°23	8°56	0° 6	11°34	0°44	0°34	27°39	26°30	7°19	1°46	F 16
S 17	19 52 57	27° 4'33	6♎ 1	24°10	5°50	5° 0	8°48	0° 3	11°33	0°45	0°36	27°35	26°27	7°26	1°43	S 17
S 18	19 56 54	28° 2'05	20°17	24°56	6°17	5°37	8°40	29♒59	11°31	0°45	0°38	27°33	26°23	7°33	1°40	S 18
M19	20 0 51	28°59'39	4♏22	25°39	6°43	6°14	8°33	29°56	11°30	0°46	0°40	27°D33	26°20	7°39	1°37	M19
T 20	20 4 47	29°57'13	18°17	26°18	7° 7	6°51	8°25	29°52	11°29	0°46	0°42	27°33	26°17	7°46	1°34	T 20
W21	20 8 44	0♌54'49	2♐ 0	26°53	7°29	7°27	8°17	29°48	11°27	0°46	0°44	27°R33	26°14	7°53	1°30	W21
T 22	20 12 40	1°52'25	15°33	27°25	7°49	8° 3	8°10	29°45	11°26	0°47	0°46	27°32	26°11	7°59	1°27	T 22
F 23	20 16 37	2°50'03	28°55	27°52	8° 8	8°39	8° 2	29°41	11°25	0°47	0°48	27°28	26° 8	8° 6	1°24	F 23
S 24	20 20 33	3°47'41	12♑ 6	28°14	8°25	9°15	7°54	29°37	11°24	0°47	0°50	27°22	26° 4	8°13	1°21	S 24
S 25	20 24 30	4°45'21	25° 5	28°32	8°40	9°51	7°46	29°33	11°22	0°47	0°52	27°13	26° 1	8°19	1°18	S 25
M26	20 28 26	5°43'02	7♒52	28°44	8°52	10°26	7°38	29°29	11°21	0°48	0°54	27° 2	25°58	8°26	1°15	M26
T 27	20 32 23	6°40'45	20°27	28°52	9° 3	11° 2	7°31	29°25	11°20	0°48	0°56	26°50	25°55	8°33	1°11	T 27
W28	20 36 20	7°38'29	2♓48	28°R54	9°12	11°37	7°23	29°21	11°19	0°48	0°58	26°38	25°52	8°40	1° 8	W28
T 29	20 40 16	8°36'15	14°58	28°50	9°18	12°11	7°15	29°17	11°18	0°48	1° 0	26°27	25°49	8°46	1° 5	T 29
F 30	20 44 13	9°34'02	26°58	28°41	9°22	12°46	7° 7	29°13	11°17	0°48	1° 2	26°18	25°45	8°53	1° 2	F 30
S 31	20 48 9	10♌31'51	8♈51	28♌26	9°R24	13♉20	6♒59	29♒ 9	11♐17	0°R48	1♍ 4	26♏12	25♏42	9♈ 0	0♒59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	4s20	5n 6	19n48	0n51	12n42	0s21	7n56	1s51	18s40	1s 1	13s 2	1s53	22s28	0s 5	10n 0	1s52	24n58	14n28	19s58	19s41	5n58	13s11	6n43
F 2	22 59	0n 1	4 50	19 19	0 43	12 19	0 29	8 10	1 51	18 42	1 2	13 3	1 54	22 28	0 5	10 0	1 52	24 57	14 28	19 57	19 41	6 0	13 11	6 43
S 3	22 54	4 19	4 21	18 49	0 35	11 56	0 37	8 25	1 51	18 44	1 2	13 4	1 54	22 27	0 5	10 0	1 52	24 56	14 28	19 57	19 40	6 2	13 12	6 43
S 4	22 48	8 26	3 42	18 19	0 26	11 34	0 45	8 39	1 51	18 46	1 2	13 5	1 54	22 27	0 5	10 0	1 52	24 55	14 28	19 56	19 39	6 4	13 12	6 44
M 5	22 41	12 15	2 53	17 48	0 17	11 11	0 54	8 53	1 51	18 48	1 2	13 6	1 54	22 27	0 5	10 1	1 52	24 54	14 27	19 56	19 38	6 6	13 13	6 44
T 6	22 34	15 36	1 56	17 17	0 8	10 48	1 2	9 8	1 51	18 50	1 2	13 7	1 54	22 27	0 5	10 1	1 52	24 54	14 27	19 57	19 38	6 8	13 13	6 44
W 7	22 27	18 20	0 53	16 46	0s 2	10 25	1 11	9 22	1 50	18 52	1 3	13 8	1 55	22 26	0 5	10 1	1 52	24 53	14 27	19 57	19 37	6 11	13 14	6 44
T 8	22 19	20 17	0s14	16 15	0 12	10 3	1 20	9 36	1 50	18 54	1 3	13 9	1 55	22 26	0 5	10 1	1 52	24 52	14 27	19 57	19 36	6 13	13 14	6 44
F 9	22 11	21 16	1 22	15 45	0 22	9 40	1 29	9 49	1 50	18 56	1 3	13 10	1 55	22 26	0 5	10 2	1 53	24 51	14 26	19 57	19 35	6 15	13 15	6 44
S 10	22 3	21 7	2 27	15 14	0 32	9 18	1 38	10 3	1 50	18 58	1 3	13 12	1 55	22 26	0 5	10 2	1 53	24 50	14 26	19 56	19 35	6 17	13 16	6 44
S 11	21 54	19 46	3 26	14 43	0 43	8 56	1 48	10 17	1 49	19 0	1 3	13 13	1 55	22 26	0 5	10 2	1 53	24 49	14 26	19 55	19 34	6 19	13 16	6 44
M12	21 45	17 15	4 14	14 13	0 54	8 34	1 58	10 30	1 49	19 2	1 4	13 14	1 56	22 25	0 5	10 2	1 53	24 48	14 26	19 53	19 33	6 21	13 17	6 44
T 13	21 35	13 40	4 48	13 43	1 5	8 12	2 8	10 44	1 49	19 5	1 4	13 15	1 56	22 25	0 5	10 2	1 53	24 48	14 26	19 51	19 32	6 24	13 17	6 45
W14	21 25	9 15	5 4	13 14	1 16	7 51	2 18	10 57	1 48	19 7	1 4	13 17	1 56	22 25	0 5	10 2	1 53	24 47	14 25	19 49	19 32	6 26	13 18	6 45
T 15	21 15	4 17	5 1	12 45	1 27	7 30	2 28	11 10	1 48	19 9	1 4	13 18	1 56	22 25	0 5	10 3	1 53	24 46	14 25	19 48	19 31	6 28	13 19	6 45
F 16	21 4	0s56	4 39	12 17	1 39	7 9	2 39	11 23	1 48	19 11	1 4	13 20	1 56	22 24	0 5	10 3	1 53	24 45	14 25	19 46	19 30	6 30	13 19	6 45
S 17	20 53	6 4	4 0	11 50	1 50	6 48	2 50	11 36	1 47	19 13	1 5	13 21	1 57	22 24	0 5	10 3	1 53	24 44	14 25	19 45	19 29	6 32	13 20	6 45
S 18	20 42	10 50	3 5	11 23	2 2	6 28	3 1	11 48	1 47	19 15	1 5	13 22	1 57	22 24	0 5	10 3	1 53	24 43	14 25	19 45	19 29	6 34	13 21	6 45
M19	20 30	14 57	2 1	10 58	2 13	6 8	3 12	12 1	1 47	19 18	1 5	13 24	1 57	22 24	0 5	10 3	1 53	24 42	14 24	19 45	19 28	6 36	13 21	6 45
T 20	20 18	18 11	0 49	10 34	2 25	5 49	3 23	12 13	1 46	19 20	1 5	13 25	1 57	22 24	0 5	10 3	1 53	24 42	14 24	19 45	19 27	6 39	13 22	6 45
W21	20 5	20 19	0n24	10 11	2 37	5 30	3 35	12 26	1 46	19 22	1 5	13 27	1 57	22 24	0 5	10 3	1 53	24 41	14 24	19 45	19 26	6 41	13 23	6 45
T 22	19 53	21 15	1 34	9 49	2 48	5 12	3 46	12 38	1 45	19 24	1 5	13 28	1 58	22 23	0 5	10 3	1 53	24 40	14 24	19 45	19 26	6 43	13 23	6 45
F 23	19 40	20 57	2 39	9 30	2 59	4 54	3 58	12 50	1 45	19 26	1 6	13 30	1 58	22 23	0 5	10 3	1 53	24 39	14 24	19 44	19 25	6 45	13 24	6 45
S 24	19 26	19 30	3 34	9 11	3 10	4 36	4 10	13 2	1 44	19 28	1 6	13 31	1 58	22 23	0 5	10 3	1 53	24 38	14 24	19 42	19 24	6 47	13 25	6 45
S 25	19 12	17 4	4 16	8 55	3 21	4 20	4 22	13 13	1 44	19 31	1 6	13 33	1 58	22 23	0 5	10 3	1 54	24 37	14 23	19 40	19 23	6 49	13 25	6 45
M26	18 58	13 50	4 45	8 41	3 32	4 4	4 34	13 25	1 44	19 33	1 6	13 34	1 58	22 23	0 5	10 3	1 54	24 36	14 23	19 38	19 23	6 51	13 26	6 45
T 27	18 44	10 2	5 0	8 29	3 42	3 48	4 47	13 36	1 43	19 35	1 6	13 36	1 58	22 23	0 5	10 3	1 54	24 35	14 23	19 35	19 22	6 53	13 27	6 45
W28	18 29	5 53	5 0	8 19	3 51	3 34	4 59	13 48	1 42	19 37	1 6	13 37	1 58	22 23	0 5	10 3	1 54	24 35	14 23	19 32	19 21	6 55	13 28	6 45
T 29	18 14	1 34	4 46	8 12	4 0	3 20	5 11	13 59	1 42	19 39	1 6	13 39	1 59	22 22	0 5	10 3	1 54	24 34	14 23	19 30	19 20	6 58	13 28	6 44
F 30	17 59	2n46	4 20	8 8	4 8	3 7	5 24	14 10	1 41	19 41	1 6	13 41	1 59	22 22	0 5	10 3	1 54	24 33	14 23	19 27	19 20	7 0	13 29	6 44
S 31	17n43	6n56	3n43	8n 7	4s15	2n54	5s36	14n21	1s41	19s43	1s 7	13s42	1s59	22s22	0s 5	10n 3	1s54	24n32	14n23	19s26	19s19	7n 2	13s30	6n44

Julian Day Number = 1987141.5, Delta T = 56m32s
Ecliptic obliquity = 23°36'07, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'44, Lahiri = 6°08'44 Julian Calendar 1 July 728 == Greg. Calendar 5 July 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

AUGUST 728 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 52 6	11♌29'42	20♈40	28°R 5	9°R24	13♉55	6°R51	29°R 4	11°R16	0°R48	1♍ 6	26°R 8	25♏39	9♈ 6	0°R56	S 1
M 2	20 56 2	12°27'34	2♉31	27♌38	9♍22	14°28	6♒43	29♒ 0	11♐15	0♉48	1° 8	26♏ 6	25°36	9°13	0♒53	M 2
T 3	20 59 59	13°25'29	14°27	27° 6	9°17	15° 2	6°36	28°56	11°14	0°48	1°10	26°D 5	25°33	9°20	0°49	T 3
W 4	21 3 55	14°23'25	26°36	26°28	9° 9	15°36	6°28	28°51	11°14	0°48	1°12	26°R 5	25°29	9°26	0°46	W 4
T 5	21 7 52	15°21'24	9♊ 1	25°45	9° 0	16° 9	6°20	28°47	11°13	0°48	1°14	26° 5	25°26	9°33	0°43	T 5
F 6	21 11 49	16°19'24	21°48	24°57	8°48	16°42	6°13	28°43	11°12	0°48	1°16	26° 3	25°23	9°40	0°40	F 6
S 7	21 15 45	17°17'26	5♋ 0	24° 6	8°33	17°14	6° 5	28°38	11°12	0°47	1°18	25°58	25°20	9°46	0°37	S 7
S 8	21 19 42	18°15'30	18°39	23°12	8°17	17°47	5°57	28°34	11°11	0°47	1°21	25°51	25°17	9°53	0°34	S 8
M 9	21 23 38	19°13'36	2♌45	22°16	7°58	18°19	5°50	28°29	11°11	0°47	1°23	25°42	25°14	10° 0	0°31	M 9
T 10	21 27 35	20°11'44	17°13	21°18	7°37	18°51	5°42	28°25	11°11	0°47	1°25	25°30	25°10	10° 6	0°28	T 10
W11	21 31 31	21° 9'53	1♍57	20°21	7°13	19°22	5°35	28°20	11°10	0°46	1°27	25°19	25° 7	10°13	0°26	W11
T 12	21 35 28	22° 8'04	16°50	19°26	6°48	19°54	5°28	28°16	11°10	0°46	1°29	25° 8	25° 4	10°20	0°23	T 12
F 13	21 39 24	23° 6'17	1♎41	18°33	6°21	20°25	5°21	28°11	11°10	0°46	1°31	25° 0	25° 1	10°27	0°20	F 13
S 14	21 43 21	24° 4'31	16°24	17°44	5°51	20°55	5°14	28° 6	11° 9	0°45	1°33	24°54	24°58	10°33	0°17	S 14
S 15	21 47 17	25° 2'47	0♏53	17° 1	5°21	21°26	5° 7	28° 2	11° 9	0°45	1°36	24°51	24°55	10°40	0°14	S 15
M16	21 51 14	26° 1'05	15° 3	16°23	4°48	21°56	5° 0	27°57	11° 9	0°44	1°38	24°50	24°51	10°47	0°11	M16
T 17	21 55 11	26°59'24	28°56	15°53	4°15	22°25	4°53	27°53	11°D 9	0°44	1°40	24°50	24°48	10°53	0° 9	T 17
W18	21 59 7	27°57'45	12♐30	15°31	3°40	22°55	4°46	27°48	11° 9	0°43	1°42	24°49	24°45	11° 0	0° 6	W18
T 19	22 3 4	28°56'07	25°49	15°17	3° 4	23°24	4°40	27°43	11° 9	0°43	1°44	24°47	24°42	11° 7	0° 3	T 19
F 20	22 7 0	29°54'31	8♑53	15°D12	2°28	23°53	4°33	27°39	11° 9	0°42	1°46	24°43	24°39	11°13	0° 1	F 20
S 21	22 10 57	0♍52'57	21°44	15°17	1°51	24°21	4°27	27°34	11°10	0°41	1°49	24°36	24°35	11°20	29♑58	S 21
S 22	22 14 53	1°51'24	4♒25	15°30	1°14	24°49	4°21	27°30	11°10	0°41	1°51	24°26	24°32	11°27	29°56	S 22
M23	22 18 50	2°49'53	16°54	15°53	0°37	25°17	4°15	27°25	11°10	0°40	1°53	24°14	24°29	11°33	29°53	M23
T 24	22 22 46	3°48'24	29°14	16°25	0° 0	25°44	4° 9	27°21	11°10	0°39	1°55	24° 0	24°26	11°40	29°51	T 24
W25	22 26 43	4°46'57	11♓25	17° 6	29♌24	26°11	4° 3	27°16	11°11	0°38	1°57	23°47	24°23	11°47	29°48	W25
T 26	22 30 40	5°45'32	23°27	17°55	28°49	26°38	3°58	27°11	11°11	0°38	1°59	23°34	24°20	11°53	29°46	T 26
F 27	22 34 36	6°44'09	5♈22	18°52	28°14	27° 4	3°52	27° 7	11°12	0°37	2° 2	23°24	24°16	12° 0	29°44	F 27
S 28	22 38 33	7°42'48	17°12	19°56	27°41	27°30	3°47	27° 2	11°12	0°36	2° 4	23°16	24°13	12° 7	29°41	S 28
S 29	22 42 29	8°41'30	29° 0	21° 7	27° 9	27°56	3°42	26°58	11°13	0°35	2° 6	23°11	24°10	12°13	29°39	S 29
M30	22 46 26	9°40'13	10♉49	22°24	26°39	28°21	3°37	26°53	11°14	0°34	2° 8	23° 8	24° 7	12°20	29°37	M30
T 31	22 50 22	10♍38'59	22♉44	23♌46	26♌11	28♉45	3♒32	26♒49	11♐14	0♉33	2♍10	23°D 8	24♏ 4	12♈27	29♑35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n27	10n50	2n56	8n 8	4s21	2n43	5s48	14n32	1s40	19s46	1s 7	13s44	1s59	22s22	0s 5	10n 3	1s54	24n31	14n23	19s25	19s18	7n 4	13s31	6n44
M 2	17 11	14 20	2 2	8 13	4 26	2 33	6 1	14 42	1 40	19 48	1 7	13 46	1 59	22 22	0 5	10 3	1 54	24 30	14 23	19 25	19 17	7 6	13 31	6 44
T 3	16 54	17 16	1 1	8 20	4 30	2 23	6 13	14 53	1 39	19 50	1 7	13 47	1 59	22 22	0 5	10 3	1 54	24 29	14 23	19 24	19 17	7 8	13 32	6 44
W 4	16 38	19 29	0s 3	8 31	4 32	2 15	6 25	15 3	1 38	19 52	1 7	13 49	1 59	22 22	0 5	10 3	1 54	24 29	14 22	19 24	19 16	7 10	13 33	6 44
T 5	16 20	20 50	1 8	8 45	4 32	2 7	6 37	15 13	1 38	19 54	1 7	13 50	2 0	22 22	0 5	10 3	1 54	24 28	14 22	19 24	19 15	7 12	13 34	6 44
F 6	16 3	21 9	2 12	9 2	4 31	2 1	6 49	15 23	1 37	19 56	1 7	13 52	2 0	22 22	0 5	10 3	1 54	24 27	14 22	19 24	19 14	7 14	13 34	6 44
S 7	15 45	20 20	3 10	9 22	4 27	1 55	7 0	15 33	1 37	19 58	1 7	13 54	2 0	22 22	0 5	10 2	1 54	24 26	14 22	19 23	19 14	7 16	13 35	6 43
S 8	15 28	18 20	4 0	9 45	4 22	1 51	7 11	15 43	1 36	20 0	1 7	13 55	2 0	22 21	0 5	10 2	1 54	24 25	14 22	19 21	19 13	7 19	13 36	6 43
M 9	15 9	15 11	4 37	10 10	4 15	1 48	7 22	15 52	1 35	20 2	1 7	13 57	2 0	22 21	0 5	10 2	1 54	24 24	14 22	19 19	19 12	7 21	13 37	6 43
T 10	14 51	11 3	4 57	10 37	4 6	1 47	7 32	16 2	1 34	20 4	1 7	13 59	2 0	22 21	0 5	10 2	1 55	24 24	14 22	19 16	19 11	7 23	13 37	6 43
W11	14 32	6 12	4 59	11 5	3 55	1 46	7 42	16 11	1 34	20 5	1 7	14 1	2 0	22 21	0 5	10 2	1 55	24 23	14 22	19 13	19 11	7 25	13 38	6 43
T 12	14 14	0 57	4 40	11 34	3 43	1 47	7 51	16 20	1 33	20 7	1 7	14 2	2 0	22 21	0 5	10 2	1 55	24 22	14 22	19 11	19 10	7 27	13 39	6 43
F 13	13 55	4s22	4 2	12 4	3 28	1 49	8 0	16 29	1 32	20 9	1 7	14 4	2 0	22 21	0 5	10 1	1 55	24 21	14 22	19 9	19 9	7 29	13 40	6 42
S 14	13 35	9 23	3 8	12 34	3 12	1 52	8 8	16 38	1 31	20 11	1 7	14 6	2 0	22 21	0 5	10 1	1 55	24 20	14 22	19 7	19 8	7 31	13 40	6 42
S 15	13 16	13 47	2 3	13 3	2 56	1 56	8 15	16 47	1 31	20 13	1 7	14 7	2 1	22 21	0 5	10 1	1 55	24 20	14 22	19 7	19 7	7 33	13 41	6 42
M16	12 56	17 17	0 51	13 31	2 38	2 2	8 22	16 56	1 30	20 14	1 8	14 9	2 1	22 21	0 5	10 1	1 55	24 19	14 22	19 6	19 7	7 35	13 42	6 42
T 17	12 36	19 42	0n22	13 58	2 19	2 8	8 28	17 4	1 29	20 16	1 8	14 11	2 1	22 21	0 5	10 1	1 55	24 18	14 22	19 6	19 6	7 37	13 43	6 42
W18	12 16	20 56	1 32	14 23	2 0	2 16	8 33	17 12	1 28	20 18	1 8	14 12	2 1	22 21	0 5	10 0	1 55	24 17	14 22	19 6	19 5	7 39	13 44	6 41
T 19	11 55	20 56	2 36	14 45	1 41	2 25	8 37	17 21	1 27	20 19	1 8	14 14	2 1	22 21	0 5	10 0	1 55	24 16	14 22	19 6	19 4	7 41	13 44	6 41
F 20	11 35	19 48	3 30	15 5	1 22	2 35	8 40	17 29	1 26	20 21	1 8	14 16	2 1	22 21	0 5	10 0	1 55	24 16	14 22	19 5	19 4	7 43	13 45	6 41
S 21	11 14	17 40	4 13	15 22	1 3	2 45	8 42	17 37	1 25	20 22	1 8	14 17	2 1	22 21	0 5	10 0	1 55	24 15	14 22	19 3	19 3	7 45	13 46	6 41
S 22	10 53	14 43	4 42	15 35	0 45	2 57	8 43	17 44	1 24	20 24	1 8	14 19	2 1	22 21	0 5	9 59	1 55	24 14	14 22	19 0	19 2	7 47	13 47	6 40
M23	10 32	11 8	4 58	15 45	0 27	3 9	8 44	17 52	1 23	20 25	1 8	14 21	2 1	22 21	0 5	9 59	1 55	24 13	14 22	18 57	19 1	7 50	13 47	6 40
T 24	10 11	7 9	4 59	15 52	0 10	3 23	8 43	17 59	1 22	20 27	1 8	14 22	2 1	22 21	0 5	9 59	1 55	24 13	14 22	18 54	19 0	7 52	13 48	6 40
W25	9 49	2 55	4 46	15 55	0n 6	3 36	8 42	18 7	1 21	20 28	1 8	14 24	2 1	22 21	0 5	9 58	1 55	24 12	14 23	18 51	19 0	7 54	13 49	6 40
T 26	9 28	1n23	4 21	15 54	0 21	3 51	8 39	18 14	1 20	20 29	1 8	14 25	2 1	22 22	0 5	9 58	1 55	24 11	14 23	18 48	18 59	7 56	13 50	6 39
F 27	9 6	5 35	3 45	15 49	0 35	4 6	8 36	18 21	1 19	20 31	1 7	14 27	2 1	22 22	0 5	9 58	1 56	24 10	14 23	18 45	18 58	7 58	13 50	6 39
S 28	8 44	9 32	2 58	15 41	0 47	4 21	8 32	18 28	1 18	20 32	1 7	14 29	2 1	22 22	0 5	9 57	1 56	24 10	14 23	18 43	18 57	8 0	13 51	6 39
S 29	8 22	13 8	2 4	15 29	0 59	4 36	8 27	18 35	1 17	20 33	1 7	14 30	2 1	22 22	0 5	9 57	1 56	24 9	14 23	18 42	18 56	8 2	13 52	6 38
M30	8 0	16 12	1 5	15 14	1 9	4 52	8 21	18 41	1 16	20 34	1 7	14 32	2 1	22 22	0 5	9 57	1 56	24 8	14 23	18 41	18 56	8 4	13 53	6 38
T 31	7n37	18n37	0n 2	14n55	1n18	5n 7	8s14	18n48	1s15	20s35	1s 7	14s33	2s 1	22s22	0s 5	9n56	1s56	24n 7	14n23	18s41	18s55	8n 6	13s53	6n38

Julian Day Number = 1987172.5, Delta T = 56m32s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'48, Lahiri = 6°08'48 Julian Calendar 1 Aug. 728 == Greg. Calendar 5 Aug. 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

SEPTEMBER 728 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 54 19	11♍37'47	4♊50	25♌14	25°R44	29♉10	3°R27	26°R45	11♐15	0°R32	2♍12	23♏ 8	24♏ 0	12♈33	29°R33	W 1
T 2	22 58 15	12°36'38	17°12	26°45	25♌20	29°34	3♒23	26♒40	11°16	0♉31	2°14	23°R 8	23°57	12°40	29♑31	T 2
F 3	23 2 12	13°35'31	29°56	28°20	24°57	29°57	3°18	26°36	11°17	0°30	2°17	23° 7	23°54	12°47	29°29	F 3
S 4	23 6 9	14°34'26	13♋ 5	29°58	24°37	0♊20	3°14	26°32	11°17	0°29	2°19	23° 3	23°51	12°53	29°27	S 4
S 5	23 10 5	15°33'24	26°44	1♍39	24°19	0°42	3°10	26°28	11°18	0°28	2°21	22°58	23°48	13° 0	29°25	S 5
M 6	23 14 2	16°32'24	10♌52	3°21	24° 4	1° 4	3° 6	26°23	11°19	0°27	2°23	22°50	23°45	13° 7	29°23	M 6
T 7	23 17 58	17°31'26	25°27	5° 6	23°51	1°26	3° 3	26°19	11°20	0°26	2°25	22°40	23°41	13°14	29°21	T 7
W 8	23 21 55	18°30'30	10♍24	6°51	23°40	1°46	2°59	26°15	11°22	0°25	2°27	22°30	23°38	13°20	29°20	W 8
T 9	23 25 51	19°29'37	25°33	8°37	23°32	2° 7	2°56	26°11	11°23	0°24	2°29	22°21	23°35	13°27	29°18	T 9
F 10	23 29 48	20°28'45	10♎44	10°24	23°26	2°27	2°53	26° 7	11°24	0°22	2°31	22°14	23°32	13°34	29°16	F 10
S 11	23 33 44	21°27'56	25°47	12°12	23°23	2°46	2°50	26° 3	11°25	0°21	2°34	22° 9	23°29	13°40	29°15	S 11
S 12	23 37 41	22°27'08	10♏34	13°59	23°D22	3° 5	2°48	25°59	11°26	0°20	2°36	22° 6	23°26	13°47	29°13	S 12
M13	23 41 37	23°26'22	24°59	15°46	23°23	3°23	2°45	25°55	11°28	0°19	2°38	22°D 6	23°22	13°54	29°12	M13
T 14	23 45 34	24°25'39	8♐59	17°34	23°27	3°41	2°43	25°52	11°29	0°17	2°40	22° 6	23°19	14° 0	29°11	T 14
W15	23 49 31	25°24'57	22°37	19°20	23°33	3°58	2°41	25°48	11°31	0°16	2°42	22°R 7	23°16	14° 7	29° 9	W15
T 16	23 53 27	26°24'17	5♑52	21° 7	23°41	4°15	2°39	25°44	11°32	0°15	2°44	22° 6	23°13	14°14	29° 8	T 16
F 17	23 57 24	27°23'38	18°48	22°53	23°51	4°30	2°37	25°41	11°34	0°13	2°46	22° 4	23°10	14°20	29° 7	F 17
S 18	0 1 20	28°23'02	1♒28	24°38	24° 4	4°46	2°36	25°37	11°35	0°12	2°48	22° 0	23° 6	14°27	29° 6	S 18
S 19	0 5 17	29°22'27	13°55	26°23	24°19	5° 1	2°34	25°34	11°37	0°11	2°50	21°53	23° 3	14°34	29° 5	S 19
M20	0 9 13	0♎21'54	26°11	28° 8	24°35	5°15	2°33	25°30	11°39	0° 9	2°52	21°44	23° 0	14°40	29° 4	M20
T 21	0 13 10	1°21'23	8♓18	29°51	24°54	5°28	2°32	25°27	11°40	0° 8	2°54	21°34	22°57	14°47	29° 3	T 21
W22	0 17 6	2°20'54	20°18	1♏34	25°14	5°41	2°32	25°24	11°42	0° 6	2°56	21°25	22°54	14°54	29° 2	W22
T 23	0 21 3	3°20'27	2♈13	3°16	25°37	5°53	2°31	25°21	11°44	0° 5	2°58	21°16	22°51	15° 0	29° 1	T 23
F 24	0 25 0	4°20'02	14° 4	4°58	26° 1	6° 4	2°31	25°18	11°46	0° 3	3° 0	21° 8	22°47	15° 7	29° 0	F 24
S 25	0 28 56	5°19'40	25°53	6°39	26°27	6°15	2°D31	25°15	11°48	0° 2	3° 2	21° 3	22°44	15°14	29° 0	S 25
S 26	0 32 53	6°19'19	7♉42	8°20	26°55	6°25	2°31	25°12	11°50	0° 0	3° 3	21° 0	22°41	15°20	28°59	S 26
M27	0 36 49	7°19'01	19°33	9°59	27°24	6°34	2°31	25° 9	11°52	29♈59	3° 5	20°D59	22°38	15°27	28°58	M27
T 28	0 40 46	8°18'45	1♊30	11°38	27°55	6°43	2°32	25° 6	11°54	29°57	3° 7	20°59	22°35	15°34	28°58	T 28
W29	0 44 42	9°18'31	13°38	13°17	28°27	6°51	2°33	25° 4	11°56	29°56	3° 9	21° 1	22°31	15°40	28°58	W29
T 30	0 48 39	10♎18'20	25♊59	14♎55	29♌ 1	6♊58	2♒33	25♒ 1	11♐58	29♈54	3♍11	21♏ 2	22♏28	15♈47	28♑57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n15	20n14	1s 2	14n33	1n26	5n23	8s 7	18n54	1s14	20s36	1s 7	14s35	2s 1	22s22	0s 5	9n56	1s56	24n 7	14n23	18s41	18s54	8n 8	13s54	6n38
T 2	6 52	20 55	2 4	14 8	1 33	5 38	7 59	19 1	1 13	20 37	1 7	14 36	2 1	22 22	0 5	9 55	1 56	24 6	14 23	18 41	18 53	8 10	13 55	6 37
F 3	6 30	20 33	3 3	13 41	1 39	5 54	7 51	19 7	1 11	20 38	1 7	14 38	2 1	22 22	0 5	9 55	1 56	24 5	14 24	18 41	18 53	8 12	13 56	6 37
S 4	6 7	19 5	3 53	13 10	1 44	6 9	7 42	19 13	1 10	20 39	1 7	14 39	2 1	22 22	0 5	9 55	1 56	24 5	14 24	18 40	18 52	8 14	13 56	6 37
S 5	5 44	16 29	4 33	12 38	1 47	6 23	7 32	19 19	1 9	20 40	1 7	14 41	2 1	22 23	0 5	9 54	1 56	24 4	14 24	18 38	18 51	8 16	13 57	6 36
M 6	5 21	12 52	4 57	12 3	1 50	6 38	7 22	19 24	1 8	20 41	1 7	14 42	2 1	22 23	0 5	9 54	1 56	24 3	14 24	18 36	18 50	8 18	13 58	6 36
T 7	4 58	8 22	5 3	11 26	1 52	6 52	7 12	19 30	1 6	20 42	1 7	14 44	2 1	22 23	0 5	9 53	1 56	24 3	14 24	18 34	18 49	8 20	13 58	6 36
W 8	4 35	3 16	4 49	10 48	1 53	7 5	7 1	19 36	1 5	20 42	1 7	14 45	2 1	22 23	0 5	9 53	1 56	24 2	14 24	18 31	18 49	8 22	13 59	6 35
T 9	4 11	2s 7	4 15	10 8	1 53	7 18	6 50	19 41	1 4	20 43	1 7	14 46	2 1	22 23	0 5	9 52	1 56	24 2	14 25	18 29	18 48	8 24	14 0	6 35
F 10	3 48	7 22	3 22	9 27	1 53	7 31	6 39	19 46	1 2	20 44	1 7	14 48	2 1	22 23	0 5	9 52	1 56	24 1	14 25	18 27	18 47	8 26	14 0	6 34
S 11	3 24	12 8	2 16	8 45	1 52	7 43	6 28	19 52	1 1	20 44	1 7	14 49	2 1	22 24	0 5	9 52	1 56	24 0	14 25	18 26	18 46	8 28	14 1	6 34
S 12	3 1	16 4	1 1	8 2	1 50	7 54	6 16	19 57	0 59	20 45	1 7	14 50	2 1	22 24	0 5	9 51	1 56	24 0	14 25	18 25	18 45	8 30	14 2	6 34
M13	2 37	18 53	0n15	7 18	1 48	8 5	6 4	20 2	0 58	20 45	1 7	14 52	2 1	22 24	0 5	9 51	1 56	23 59	14 25	18 25	18 45	8 32	14 2	6 33
T 14	2 14	20 29	1 29	6 33	1 45	8 15	5 53	20 6	0 57	20 46	1 6	14 53	2 1	22 24	0 5	9 50	1 56	23 59	14 26	18 25	18 44	8 34	14 3	6 33
W15	1 50	20 48	2 36	5 48	1 41	8 24	5 41	20 11	0 55	20 46	1 6	14 54	2 1	22 24	0 5	9 50	1 56	23 58	14 26	18 25	18 43	8 36	14 4	6 33
T 16	1 26	19 56	3 33	5 2	1 38	8 33	5 29	20 16	0 53	20 47	1 6	14 55	2 1	22 25	0 5	9 49	1 56	23 57	14 26	18 25	18 42	8 38	14 4	6 32
F 17	1 3	18 2	4 17	4 16	1 34	8 40	5 17	20 20	0 52	20 47	1 6	14 56	2 1	22 25	0 5	9 49	1 57	23 57	14 26	18 25	18 41	8 40	14 5	6 32
S 18	0 39	15 18	4 47	3 30	1 29	8 48	5 5	20 25	0 50	20 47	1 6	14 58	2 1	22 25	0 5	9 48	1 57	23 56	14 26	18 23	18 41	8 42	14 6	6 31
S 19	0 15	11 55	5 3	2 44	1 24	8 54	4 53	20 29	0 49	20 47	1 6	14 59	2 1	22 25	0 5	9 48	1 57	23 56	14 27	18 22	18 40	8 44	14 6	6 31
M20	0s 9	8 5	5 5	1 58	1 19	9 0	4 41	20 33	0 47	20 48	1 6	15 0	2 1	22 25	0 5	9 47	1 57	23 55	14 27	18 19	18 39	8 46	14 7	6 31
T 21	0 33	3 59	4 54	1 11	1 14	9 5	4 30	20 37	0 45	20 48	1 6	15 1	2 1	22 26	0 5	9 47	1 57	23 55	14 27	18 17	18 38	8 48	14 7	6 30
W22	0 56	0n15	4 29	0 25	1 8	9 9	4 18	20 41	0 43	20 48	1 6	15 2	2 0	22 26	0 5	9 46	1 57	23 54	14 28	18 14	18 37	8 50	14 8	6 30
T 23	1 20	4 26	3 52	0s21	1 3	9 12	4 6	20 45	0 42	20 48	1 6	15 3	2 0	22 26	0 5	9 45	1 57	23 54	14 28	18 12	18 37	8 52	14 8	6 29
F 24	1 44	8 26	3 6	1 7	0 57	9 15	3 55	20 49	0 40	20 48	1 6	15 4	2 0	22 26	0 5	9 45	1 57	23 53	14 28	18 10	18 36	8 54	14 9	6 29
S 25	2 8	12 6	2 12	1 53	0 51	9 17	3 44	20 53	0 38	20 48	1 5	15 5	2 0	22 27	0 5	9 44	1 57	23 53	14 28	18 8	18 35	8 56	14 10	6 29
S 26	2 32	15 18	1 11	2 39	0 44	9 18	3 33	20 56	0 36	20 47	1 5	15 6	2 0	22 27	0 5	9 44	1 57	23 53	14 29	18 8	18 34	8 58	14 10	6 28
M27	2 55	17 52	0 8	3 24	0 38	9 18	3 21	21 0	0 34	20 47	1 5	15 6	2 0	22 27	0 5	9 43	1 57	23 52	14 29	18 7	18 33	9 0	14 11	6 28
T 28	3 19	19 40	0s57	4 9	0 32	9 18	3 11	21 3	0 32	20 47	1 5	15 7	2 0	22 27	0 5	9 43	1 57	23 52	14 29	18 8	18 32	9 1	14 11	6 27
W29	3 43	20 36	2 0	4 54	0 25	9 17	3 0	21 6	0 30	20 47	1 5	15 8	2 0	22 28	0 5	9 42	1 57	23 51	14 30	18 8	18 32	9 3	14 12	6 27
T 30	4s 6	20n34	2s59	5s38	0n19	9n15	2s49	21n 9	0s28	20s46	1s 5	15s 9	2s 0	22s28	0s 5	9n42	1s57	23n51	14n30	18s 8	18s31	9n 5	14s12	6n26

Julian Day Number = 1987203.5, Delta T = 56m31s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'52, Lahiri = 6°08'53 Julian Calendar 1 Sept. 728 == Greg. Calendar 5 Sept. 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

OCTOBER 728 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 52 35	11♎18'10	8♋40	16♎32	29♌36	7♊ 4	2♒35	24°R59	12♐ 0	29°R53	3♍13	21°R 3	22♏25	15♈54	28°R57	F 1
S 2	0 56 32	12°18'04	21°43	18° 9	0♍13	7°10	2°36	24♒56	12° 2	29♈51	3°14	21♏ 3	22°22	16° 0	28♉57	S 2
S 3	1 0 29	13°17'59	5♌14	19°45	0°51	7°14	2°37	24°54	12° 4	29°49	3°16	21° 1	22°19	16° 7	28°57	S 3
M 4	1 4 25	14°17'57	19°13	21°21	1°30	7°18	2°39	24°52	12° 7	29°48	3°18	20°57	22°16	16°14	28°56	M 4
T 5	1 8 22	15°17'56	3♍40	22°56	2°10	7°21	2°41	24°50	12° 9	29°46	3°20	20°52	22°12	16°20	28°D56	T 5
W 6	1 12 18	16°17'58	18°32	24°30	2°52	7°24	2°43	24°48	12°11	29°45	3°21	20°47	22° 9	16°27	28°56	W 6
T 7	1 16 15	17°18'02	3♎40	26° 5	3°34	7°25	2°45	24°46	12°14	29°43	3°23	20°42	22° 6	16°34	28°57	T 7
F 8	1 20 11	18°18'08	18°56	27°38	4°18	7°R25	2°48	24°44	12°16	29°41	3°25	20°38	22° 3	16°40	28°57	F 8
S 9	1 24 8	19°18'17	4♏10	29°12	5° 3	7°25	2°51	24°42	12°19	29°40	3°26	20°35	22° 0	16°47	28°57	S 9
S 10	1 28 4	20°18'26	19°10	0♏44	5°48	7°24	2°54	24°41	12°21	29°38	3°28	20°D34	21°57	16°54	28°57	S 10
M11	1 32 1	21°18'38	3♐50	2°17	6°35	7°22	2°57	24°39	12°24	29°36	3°30	20°35	21°53	17° 0	28°58	M11
T 12	1 35 57	22°18'52	18° 5	3°49	7°23	7°19	3° 0	24°38	12°26	29°35	3°31	20°36	21°50	17° 7	28°58	T 12
W13	1 39 54	23°19'07	1♑52	5°20	8°11	7°15	3° 3	24°36	12°29	29°33	3°33	20°38	21°47	17°14	28°59	W13
T 14	1 43 51	24°19'23	15°14	6°51	9° 0	7°10	3° 7	24°35	12°32	29°31	3°34	20°39	21°44	17°20	28°59	T 14
F 15	1 47 47	25°19'41	28°12	8°22	9°50	7° 5	3°11	24°34	12°34	29°30	3°36	20°R39	21°41	17°27	29° 0	F 15
S 16	1 51 44	26°20'01	10♒50	9°52	10°41	6°58	3°15	24°33	12°37	29°28	3°37	20°38	21°37	17°34	29° 1	S 16
S 17	1 55 40	27°20'21	23°11	11°22	11°33	6°51	3°19	24°32	12°40	29°26	3°39	20°36	21°34	17°40	29° 1	S 17
M18	1 59 37	28°20'44	5♓19	12°52	12°25	6°43	3°24	24°31	12°43	29°25	3°40	20°33	21°31	17°47	29° 2	M18
T 19	2 3 33	29°21'08	17°19	14°21	13°19	6°33	3°28	24°31	12°46	29°23	3°42	20°30	21°28	17°54	29° 3	T 19
W20	2 7 30	0♏21'33	29°12	15°49	14°12	6°24	3°33	24°30	12°49	29°21	3°43	20°26	21°25	18° 0	29° 4	W20
T 21	2 11 26	1°22'00	11♈ 2	17°17	15° 7	6°13	3°38	24°30	12°51	29°19	3°44	20°23	21°22	18° 7	29° 5	T 21
F 22	2 15 23	2°22'29	22°52	18°45	16° 2	6° 1	3°43	24°29	12°54	29°18	3°46	20°21	21°18	18°14	29° 6	F 22
S 23	2 19 20	3°22'59	4♉42	20°12	16°58	5°49	3°49	24°29	12°57	29°16	3°47	20°19	21°15	18°20	29° 8	S 23
S 24	2 23 16	4°23'31	16°36	21°38	17°54	5°35	3°54	24°29	13° 0	29°14	3°48	20°D18	21°12	18°27	29° 9	S 24
M25	2 27 13	5°24'04	28°34	23° 4	18°51	5°21	4° 0	24°D29	13° 3	29°13	3°50	20°18	21° 9	18°34	29°10	M25
T 26	2 31 9	6°24'40	10♊41	24°29	19°48	5° 6	4° 6	24°29	13° 6	29°11	3°51	20°19	21° 6	18°40	29°12	T 26
W27	2 35 6	7°25'17	22°57	25°54	20°47	4°51	4°12	24°29	13°10	29° 9	3°52	20°20	21° 3	18°47	29°13	W27
T 28	2 39 2	8°25'55	5♋25	27°17	21°45	4°34	4°18	24°29	13°13	29° 8	3°53	20°22	20°59	18°54	29°14	T 28
F 29	2 42 59	9°26'36	18° 9	28°40	22°44	4°17	4°24	24°29	13°16	29° 6	3°54	20°23	20°56	19° 0	29°16	F 29
S 30	2 46 55	10°27'18	1♌12	0♐ 1	23°44	3°59	4°31	24°30	13°19	29° 4	3°55	20°23	20°53	19° 7	29°18	S 30
S 31	2 50 52	11♏28'01	14♌36	1♐22	24♍44	3♊41	4♒37	24♒31	13♐22	29♈ 3	3♍57	20°R23	20♏50	19♈14	29♉19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	4s30	19n29	3s51	6s22	0n12	9n13	2s39	21n13	0s26	20s46	1s 5	15s10	2s 0	22s28	0s 5	9n41	1s57	23n50	14n30	18s 9	18s30	9n 7	14s13	6n26	F 1
S 2	4 54	17 21	4 32	7 5	0 5	9 9	2 29	21 16	0 24	20 46	1 5	15 10	2 0	22 29	0 5	9 40	1 57	23 50	14 31	18 8	18 29	9 9	14 13	6 26	S 2
S 3	5 17	14 14	5 0	7 48	0s 1	9 5	2 19	21 18	0 22	20 45	1 5	15 11	1 59	22 29	0 5	9 40	1 57	23 50	14 31	18 8	18 28	9 11	14 13	6 25	S 3
M 4	5 41	10 13	5 12	8 30	0 8	9 1	2 9	21 21	0 20	20 45	1 4	15 12	1 59	22 29	0 5	9 39	1 57	23 49	14 31	18 7	18 28	9 13	14 14	6 25	M 4
T 5	6 4	5 30	5 4	9 12	0 15	8 55	1 59	21 24	0 18	20 44	1 4	15 12	1 59	22 30	0 5	9 39	1 57	23 49	14 32	18 6	18 27	9 15	14 14	6 24	T 5
W 6	6 27	0 20	4 36	9 54	0 22	8 49	1 49	21 26	0 15	20 44	1 4	15 13	1 59	22 30	0 5	9 38	1 57	23 49	14 32	18 4	18 26	9 17	14 15	6 24	W 6
T 7	6 50	4s58	3 49	10 35	0 28	8 43	1 40	21 29	0 13	20 43	1 4	15 13	1 59	22 30	0 6	9 37	1 57	23 48	14 32	18 3	18 25	9 19	14 15	6 24	T 7
F 8	7 13	10 0	2 45	11 15	0 35	8 35	1 31	21 31	0 11	20 42	1 4	15 14	1 59	22 31	0 6	9 37	1 57	23 48	14 33	18 2	18 24	9 21	14 15	6 23	F 8
S 9	7 36	14 23	1 29	11 54	0 41	8 27	1 22	21 34	0 8	20 42	1 4	15 14	1 59	22 31	0 6	9 36	1 57	23 48	14 33	18 1	18 23	9 23	14 16	6 23	S 9
S 10	7 59	17 45	0 8	12 33	0 48	8 19	1 13	21 36	0 6	20 41	1 4	15 15	1 59	22 31	0 6	9 36	1 57	23 48	14 34	18 1	18 23	9 25	14 16	6 22	S 10
M11	8 22	19 53	1n12	13 12	0 54	8 10	1 4	21 38	0 3	20 40	1 4	15 15	1 59	22 32	0 6	9 35	1 57	23 47	14 34	18 1	18 22	9 27	14 17	6 22	M11
T 12	8 45	20 39	2 25	13 50	1 1	8 0	0 56	21 40	0 1	20 39	1 4	15 16	1 58	22 32	0 6	9 34	1 57	23 47	14 34	18 1	18 21	9 29	14 17	6 21	T 12
W13	9 7	20 8	3 28	14 27	1 7	7 49	0 47	21 42	0n 2	20 38	1 3	15 16	1 58	22 32	0 6	9 34	1 57	23 47	14 35	18 2	18 20	9 30	14 17	6 21	W13
T 14	9 30	18 28	4 17	15 3	1 13	7 38	0 39	21 43	0 4	20 37	1 3	15 16	1 58	22 33	0 6	9 33	1 57	23 47	14 35	18 2	18 19	9 32	14 18	6 21	T 14
F 15	9 52	15 54	4 51	15 38	1 19	7 27	0 31	21 45	0 7	20 36	1 3	15 16	1 58	22 33	0 6	9 33	1 57	23 47	14 36	18 2	18 18	9 34	14 18	6 20	F 15
S 16	10 14	12 40	5 10	16 13	1 25	7 15	0 24	21 46	0 9	20 35	1 3	15 17	1 58	22 33	0 6	9 32	1 57	23 46	14 36	18 2	18 18	9 36	14 18	6 20	S 16
S 17	10 36	8 56	5 14	16 47	1 31	7 2	0 16	21 48	0 12	20 34	1 3	15 17	1 58	22 34	0 6	9 31	1 57	23 46	14 36	18 1	18 17	9 38	14 18	6 19	S 17
M18	10 57	4 54	5 4	17 20	1 37	6 49	0 9	21 49	0 15	20 33	1 3	15 17	1 58	22 34	0 6	9 31	1 57	23 46	14 37	18 1	18 16	9 40	14 19	6 19	M18
T 19	11 19	0 44	4 41	17 52	1 42	6 35	0 2	21 50	0 17	20 32	1 3	15 17	1 58	22 34	0 6	9 30	1 57	23 46	14 37	18 0	18 15	9 42	14 19	6 18	T 19
W20	11 40	3n26	4 6	18 24	1 47	6 20	0n 5	21 51	0 20	20 30	1 3	15 17	1 57	22 35	0 6	9 30	1 57	23 46	14 38	17 59	18 14	9 44	14 19	6 18	W20
T 21	12 2	7 28	3 20	18 54	1 52	6 6	0 12	21 52	0 23	20 29	1 2	15 17	1 57	22 35	0 6	9 29	1 57	23 46	14 38	17 58	18 13	9 46	14 19	6 18	T 21
F 22	12 23	11 12	2 26	19 24	1 57	5 50	0 19	21 53	0 25	20 28	1 2	15 17	1 57	22 36	0 6	9 28	1 57	23 46	14 39	17 57	18 13	9 48	14 19	6 17	F 22
S 23	12 44	14 31	1 25	19 52	2 2	5 34	0 25	21 53	0 28	20 26	1 2	15 17	1 57	22 36	0 6	9 28	1 57	23 45	14 39	17 57	18 12	9 49	14 20	6 17	S 23
S 24	13 4	17 14	0 21	20 19	2 6	5 18	0 32	21 54	0 31	20 25	1 2	15 17	1 57	22 36	0 6	9 27	1 57	23 45	14 39	17 57	18 11	9 51	14 20	6 16	S 24
M25	13 25	19 14	0s46	20 46	2 10	5 1	0 38	21 54	0 34	20 23	1 2	15 17	1 57	22 37	0 6	9 27	1 57	23 45	14 40	17 57	18 10	9 53	14 20	6 16	M25
T 26	13 45	20 22	1 51	21 11	2 14	4 44	0 44	21 54	0 37	20 22	1 2	15 17	1 57	22 37	0 6	9 26	1 57	23 45	14 40	17 57	18 9	9 55	14 20	6 15	T 26
W27	14 5	20 34	2 51	21 35	2 17	4 26	0 50	21 54	0 40	20 20	1 2	15 17	1 56	22 38	0 6	9 25	1 57	23 45	14 41	17 57	18 8	9 57	14 20	6 15	W27
T 28	14 25	19 44	3 45	21 58	2 21	4 8	0 55	21 54	0 42	20 19	1 2	15 16	1 56	22 38	0 6	9 25	1 57	23 45	14 41	17 57	18 8	9 59	14 20	6 15	T 28
F 29	14 44	17 55	4 29	22 19	2 23	3 50	1 1	21 53	0 45	20 17	1 2	15 16	1 56	22 38	0 6	9 24	1 57	23 45	14 42	17 58	18 7	10 1	14 20	6 14	F 29
S 30	15 3	15 9	5 0	22 40	2 26	3 31	1 6	21 53	0 48	20 15	1 1	15 16	1 56	22 39	0 6	9 24	1 57	23 45	14 42	17 58	18 6	10 3	14 20	6 14	S 30
S 31	15s22	11n31	5s16	22s59	2s27	3n11	1n11	21n52	0n51	20s14	1s 1	15s16	1s56	22s39	0s 6	9n23	1s57	23n45	14n43	17s58	18s 5	10n 4	14s20	6n13	S 31

Julian Day Number = 1987233.5, Delta T = 56m30s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°01'56, Lahiri = 6°08'57 Julian Calendar 1 Oct. 728 == Greg. Calendar 5 Oct. 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

NOVEMBER 728 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 54 49	12♏28'47	28♌24	2♐41	25♍44	3°R22	4♒44	24♒31	13♐25	29°R 1	3♍58	20°R23	20♏47	19♈20	29♉21	M 1
T 2	2 58 45	13°29'34	12♍35	3°58	26°45	3♊ 2	4°51	24°32	13°29	28♈59	3°59	20♏22	20°43	19°27	29°23	T 2
W 3	3 2 42	14°30'23	27° 8	5°14	27°47	2°42	4°58	24°33	13°32	28°58	4° 0	20°22	20°40	19°34	29°25	W 3
T 4	3 6 38	15°31'13	11♎58	6°28	28°48	2°21	5° 6	24°34	13°35	28°56	4° 1	20°21	20°37	19°40	29°27	T 4
F 5	3 10 35	16°32'05	27° 1	7°39	29°51	2° 0	5°13	24°35	13°38	28°55	4° 1	20°21	20°34	19°47	29°29	F 5
S 6	3 14 31	17°32'58	12♏ 6	8°48	0♎53	1°38	5°21	24°36	13°42	28°53	4° 2	20°20	20°31	19°54	29°31	S 6
S 7	3 18 28	18°33'52	27° 5	9°54	1°56	1°16	5°29	24°38	13°45	28°51	4° 3	20°D20	20°28	20° 0	29°33	S 7
M 8	3 22 24	19°34'48	11♐50	10°56	2°59	0°53	5°37	24°39	13°49	28°50	4° 4	20°20	20°24	20° 7	29°35	M 8
T 9	3 26 21	20°35'45	26°13	11°54	4° 3	0°31	5°45	24°40	13°52	28°48	4° 5	20°R21	20°21	20°14	29°37	T 9
W10	3 30 18	21°36'43	10♑12	12°48	5° 7	0° 8	5°53	24°42	13°55	28°47	4° 6	20°20	20°18	20°20	29°40	W10
T 11	3 34 14	22°37'41	23°43	13°36	6°11	29♉44	6° 1	24°44	13°59	28°45	4° 6	20°20	20°15	20°27	29°42	T 11
F 12	3 38 11	23°38'40	6♒49	14°19	7°16	29°21	6°10	24°46	14° 2	28°44	4° 7	20°20	20°12	20°34	29°44	F 12
S 13	3 42 7	24°39'40	19°31	14°55	8°21	28°58	6°19	24°48	14° 6	28°42	4° 8	20°D20	20° 9	20°40	29°47	S 13
S 14	3 46 4	25°40'41	1♓54	15°24	9°26	28°34	6°27	24°50	14° 9	28°41	4° 8	20°20	20° 5	20°47	29°49	S 14
M15	3 50 0	26°41'42	14° 1	15°44	10°31	28°11	6°36	24°52	14°13	28°39	4° 9	20°20	20° 2	20°54	29°52	M15
T 16	3 53 57	27°42'44	25°57	15°55	11°37	27°47	6°45	24°54	14°16	28°38	4°10	20°21	19°59	21° 0	29°55	T 16
W17	3 57 53	28°43'47	7♈48	15°R56	12°43	27°24	6°55	24°56	14°20	28°36	4°10	20°22	19°56	21° 7	29°57	W17
T 18	4 1 50	29°44'50	19°36	15°46	13°49	27° 1	7° 4	24°59	14°23	28°35	4°11	20°23	19°53	21°14	29°59	T 18
F 19	4 5 47	0♐45'54	1♉26	15°25	14°56	26°38	7°14	25° 1	14°27	28°34	4°11	20°24	19°49	21°20	0♒ 3	F 19
S 20	4 9 43	1°46'58	13°20	14°53	16° 2	26°16	7°23	25° 4	14°30	28°32	4°12	20°24	19°46	21°27	0° 6	S 20
S 21	4 13 40	2°48'04	25°22	14° 9	17° 9	25°53	7°33	25° 7	14°34	28°31	4°12	20°R24	19°43	21°34	0° 8	S 21
M22	4 17 36	3°49'09	7♊32	13°14	18°17	25°31	7°43	25°10	14°37	28°30	4°12	20°24	19°40	21°40	0°11	M22
T 23	4 21 33	4°50'16	19°53	12°10	19°24	25°10	7°53	25°13	14°41	28°28	4°13	20°22	19°37	21°47	0°14	T 23
W24	4 25 29	5°51'24	2♋26	10°57	20°32	24°49	8° 3	25°16	14°45	28°27	4°13	20°20	19°34	21°54	0°17	W24
T 25	4 29 26	6°52'32	15°12	9°39	21°39	24°28	8°13	25°19	14°48	28°26	4°13	20°18	19°30	22° 0	0°21	T 25
F 26	4 33 22	7°53'40	28°10	8°16	22°48	24° 8	8°23	25°22	14°52	28°25	4°14	20°15	19°27	22° 7	0°24	F 26
S 27	4 37 19	8°54'50	11♌23	6°54	23°56	23°48	8°34	25°25	14°55	28°23	4°14	20°13	19°24	22°14	0°27	S 27
S 28	4 41 16	9°56'00	24°51	5°33	25° 4	23°29	8°44	25°29	14°59	28°22	4°14	20°11	19°21	22°20	0°30	S 28
M29	4 45 12	10°57'11	8♍34	4°17	26°13	23°11	8°55	25°32	15° 3	28°21	4°14	20°D10	19°18	22°27	0°33	M29
T 30	4 49 9	11♐58'23	22♍33	3♐ 8	27♎22	22♉53	9♒ 6	25♒36	15♐ 6	28♈20	4♍14	20♏11	19♏14	22♈34	0♒37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	15s41	7n12	5s15	23s16	2s29	2n52	1n16	21n51	0n54	20s12	1s 1	15s15	1s56	22s40	0s 6	9n23	1s57	23n45	14n43	17s58	18s 4	10n 6	14s21	6n13	M 1
T 2	16 0	2 21	4 54	23 32	2 30	2 32	1 21	21 50	0 57	20 10	1 1	15 15	1 56	22 40	0 6	9 22	1 57	23 45	14 44	17 58	18 3	10 8	14 21	6 13	T 2
W 3	16 18	2s45	4 15	23 47	2 30	2 11	1 25	21 49	1 0	20 8	1 1	15 14	1 55	22 40	0 6	9 22	1 57	23 45	14 44	17 57	18 2	10 10	14 21	6 12	W 3
T 4	16 36	7 48	3 18	24 0	2 30	1 51	1 30	21 48	1 3	20 6	1 1	15 14	1 55	22 41	0 6	9 21	1 57	23 46	14 45	17 57	18 2	10 12	14 21	6 12	T 4
F 5	16 54	12 26	2 6	24 11	2 29	1 30	1 34	21 46	1 5	20 4	1 1	15 13	1 55	22 41	0 6	9 20	1 57	23 46	14 45	17 57	18 1	10 14	14 21	6 11	F 5
S 6	17 11	16 18	0 46	24 20	2 27	1 9	1 38	21 45	1 8	20 3	1 1	15 13	1 55	22 42	0 6	9 20	1 57	23 46	14 46	17 57	18 0	10 16	14 21	6 11	S 6
S 7	17 28	19 2	0n37	24 28	2 25	0 47	1 42	21 43	1 11	20 0	1 1	15 12	1 55	22 42	0 6	9 19	1 57	23 46	14 46	17 57	17 59	10 17	14 20	6 11	S 7
M 8	17 45	20 26	1 57	24 34	2 21	0 25	1 46	21 41	1 14	19 58	1 1	15 12	1 55	22 42	0 6	9 19	1 57	23 46	14 47	17 57	17 58	10 19	14 20	6 10	M 8
T 9	18 1	20 26	3 7	24 38	2 17	0 3	1 49	21 39	1 17	19 56	1 0	15 11	1 55	22 43	0 6	9 18	1 57	23 46	14 47	17 57	17 57	10 21	14 20	6 10	T 9
W10	18 17	19 10	4 3	24 40	2 12	0s19	1 53	21 36	1 19	19 54	1 0	15 10	1 54	22 43	0 6	9 18	1 57	23 46	14 48	17 57	17 57	10 23	14 20	6 9	W10
T 11	18 33	16 50	4 44	24 40	2 6	0 42	1 56	21 34	1 22	19 52	1 0	15 10	1 54	22 44	0 6	9 17	1 57	23 47	14 48	17 57	17 56	10 25	14 20	6 9	T 11
F 12	18 49	13 42	5 9	24 38	1 58	1 5	1 59	21 31	1 25	19 50	1 0	15 9	1 54	22 44	0 6	9 17	1 57	23 47	14 49	17 57	17 55	10 27	14 20	6 9	F 12
S 13	19 4	10 2	5 18	24 34	1 50	1 28	2 2	21 29	1 27	19 47	1 0	15 8	1 54	22 44	0 6	9 16	1 57	23 47	14 49	17 57	17 54	10 28	14 20	6 8	S 13
S 14	19 19	6 1	5 12	24 27	1 40	1 51	2 5	21 26	1 30	19 45	1 0	15 7	1 54	22 45	0 6	9 16	1 57	23 47	14 50	17 57	17 53	10 30	14 20	6 8	S 14
M15	19 33	1 51	4 51	24 18	1 29	2 14	2 8	21 23	1 32	19 43	1 0	15 6	1 54	22 45	0 6	9 15	1 57	23 47	14 50	17 57	17 52	10 32	14 20	6 8	M15
T 16	19 47	2n20	4 19	24 7	1 16	2 38	2 10	21 20	1 35	19 40	1 0	15 5	1 54	22 46	0 6	9 15	1 57	23 48	14 51	17 57	17 51	10 34	14 19	6 7	T 16
W17	20 1	6 24	3 35	23 53	1 2	3 1	2 13	21 17	1 37	19 38	1 0	15 5	1 53	22 46	0 6	9 14	1 57	23 48	14 51	17 57	17 51	10 36	14 19	6 7	W17
T 18	20 14	10 14	2 43	23 36	0 46	3 25	2 15	21 14	1 39	19 35	1 0	15 4	1 53	22 47	0 6	9 14	1 57	23 48	14 52	17 58	17 50	10 37	14 19	6 7	T 18
F 19	20 27	13 40	1 43	23 17	0 30	3 49	2 17	21 11	1 42	19 33	1 0	15 3	1 53	22 47	0 6	9 13	1 56	23 49	14 52	17 58	17 49	10 39	14 19	6 6	F 19
S 20	20 40	16 34	0 39	22 56	0 11	4 13	2 19	21 8	1 44	19 30	0 59	15 2	1 53	22 47	0 6	9 13	1 56	23 49	14 53	17 58	17 48	10 41	14 18	6 6	S 20
S 21	20 52	18 47	0s27	22 32	0n 8	4 37	2 21	21 5	1 46	19 28	0 59	15 0	1 53	22 48	0 6	9 12	1 56	23 49	14 53	17 58	17 47	10 43	14 18	6 6	S 21
M22	21 3	20 11	1 34	22 5	0 28	5 1	2 22	21 1	1 48	19 25	0 59	14 59	1 53	22 48	0 6	9 12	1 56	23 50	14 54	17 58	17 46	10 45	14 18	6 5	M22
T 23	21 15	20 37	2 36	21 37	0 48	5 25	2 24	20 58	1 50	19 23	0 59	14 58	1 53	22 49	0 6	9 12	1 56	23 50	14 55	17 58	17 45	10 46	14 18	6 5	T 23
W24	21 26	20 2	3 32	21 7	1 8	5 50	2 25	20 55	1 52	19 20	0 59	14 57	1 52	22 49	0 6	9 11	1 56	23 50	14 55	17 57	17 44	10 48	14 17	6 5	W24
T 25	21 36	18 27	4 19	20 36	1 28	6 14	2 27	20 51	1 54	19 17	0 59	14 56	1 52	22 50	0 6	9 11	1 56	23 51	14 56	17 56	17 44	10 50	14 17	6 4	T 25
F 26	21 46	15 53	4 53	20 5	1 46	6 38	2 28	20 48	1 56	19 14	0 59	14 55	1 52	22 50	0 6	9 10	1 56	23 51	14 56	17 56	17 43	10 52	14 17	6 4	F 26
S 27	21 56	12 29	5 12	19 35	2 4	7 3	2 29	20 45	1 58	19 11	0 59	14 53	1 52	22 50	0 6	9 10	1 56	23 51	14 57	17 55	17 42	10 54	14 16	6 4	S 27
S 28	22 5	8 23	5 15	19 6	2 19	7 27	2 29	20 42	1 59	19 9	0 59	14 52	1 52	22 51	0 6	9 10	1 56	23 52	14 57	17 55	17 41	10 55	14 16	6 3	S 28
M29	22 14	3 47	5 0	18 39	2 32	7 51	2 30	20 39	2 1	19 6	0 59	14 51	1 52	22 51	0 6	9 9	1 56	23 52	14 58	17 54	17 40	10 57	14 15	6 3	M29
T 30	22s23	1s 6	4s27	18s16	2n43	8s16	2n31	20n35	2n 2	19s 3	0s59	14s49	1s52	22s52	0s 6	9n 9	1s56	23n53	14n58	17s55	17s39	10n59	14s15	6n 3	T 30

Julian Day Number = 1987264.5, Delta T = 56m29s
Ecliptic obliquity = 23°36'07, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'01, Lahiri = 6°09'01 Julian Calendar 1 Nov. 728 == Greg. Calendar 5 Nov. 728

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ASTRODIENST EPHEMERIS for the year 728
geocentric

DECEMBER 728 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 53 5	12♐59'35	6♎46	2°R 8	28♎31	22°R36	9♒17	25♒40	15♐10	28°R19	4♍14	20♏12	19♏11	22♈40	0♒40	W 1
T 2	4 57 2	14° 0'48	21°13	1♐17	29°40	22♉20	9°28	25°43	15°13	28♈18	4°14	20°13	19° 8	22°47	0°43	T 2
F 3	5 0 58	15° 2'01	5♏49	0°37	0♏49	22° 4	9°39	25°47	15°17	28°17	4°R14	20°15	19° 5	22°54	0°47	F 3
S 4	5 4 55	16° 3'15	20°30	0° 8	1°59	21°49	9°50	25°51	15°21	28°16	4°14	20°R15	19° 2	23° 0	0°50	S 4
S 5	5 8 51	17° 4'29	5♐11	29♏49	3° 8	21°35	10° 1	25°55	15°24	28°15	4°14	20°14	18°59	23° 7	0°54	S 5
M 6	5 12 48	18° 5'44	19°43	29°D40	4°18	21°21	10°13	25°59	15°28	28°14	4°14	20°12	18°55	23°14	0°57	M 6
T 7	5 16 45	19° 6'59	4♑ 1	29°41	5°28	21° 8	10°24	26° 4	15°32	28°13	4°14	20° 9	18°52	23°20	1° 1	T 7
W 8	5 20 41	20° 8'14	17°59	29°51	6°38	20°57	10°36	26° 8	15°35	28°12	4°14	20° 4	18°49	23°27	1° 5	W 8
T 9	5 24 38	21° 9'28	1♒35	0♐ 9	7°48	20°45	10°48	26°12	15°39	28°11	4°14	19°59	18°46	23°34	1° 8	T 9
F 10	5 28 34	22°10'43	14°46	0°35	8°58	20°35	11° 0	26°17	15°42	28°10	4°14	19°54	18°43	23°40	1°12	F 10
S 11	5 32 31	23°11'57	27°33	1° 7	10° 9	20°26	11°11	26°21	15°46	28° 9	4°13	19°50	18°40	23°47	1°16	S 11
S 12	5 36 27	24°13'10	9♓59	1°45	11°19	20°17	11°23	26°26	15°50	28° 8	4°13	19°47	18°36	23°54	1°20	S 12
M13	5 40 24	25°14'24	22° 9	2°29	12°30	20° 9	11°35	26°31	15°53	28° 8	4°13	19°D46	18°33	24° 0	1°23	M13
T 14	5 44 21	26°15'37	4♈ 6	3°17	13°41	20° 3	11°48	26°36	15°57	28° 7	4°12	19°46	18°30	24° 7	1°27	T 14
W15	5 48 17	27°16'49	15°56	4°10	14°52	19°56	12° 0	26°40	16° 0	28° 6	4°12	19°48	18°27	24°14	1°31	W15
T 16	5 52 14	28°18'01	27°44	5° 6	16° 2	19°51	12°12	26°45	16° 4	28° 6	4°12	19°49	18°24	24°20	1°35	T 16
F 17	5 56 10	29°19'12	9♉35	6° 6	17°13	19°47	12°25	26°50	16° 7	28° 5	4°11	19°51	18°20	24°27	1°39	F 17
S 18	6 0 7	0♑20'23	21°33	7° 9	18°25	19°43	12°37	26°55	16°11	28° 4	4°11	19°R51	18°17	24°34	1°43	S 18
S 19	6 4 3	1°21'34	3♊42	8°15	19°36	19°40	12°50	27° 1	16°15	28° 4	4°10	19°50	18°14	24°40	1°47	S 19
M20	6 8 0	2°22'44	16° 5	9°23	20°47	19°38	13° 2	27° 6	16°18	28° 3	4°10	19°47	18°11	24°47	1°51	M20
T 21	6 11 56	3°23'54	28°43	10°33	21°59	19°37	13°15	27°11	16°22	28° 3	4° 9	19°42	18° 8	24°54	1°55	T 21
W22	6 15 53	4°25'03	11♋37	11°46	23°10	19°D36	13°28	27°17	16°25	28° 2	4° 9	19°35	18° 5	25° 0	1°59	W22
T 23	6 19 50	5°26'11	24°46	13° 0	24°22	19°37	13°41	27°22	16°29	28° 2	4° 8	19°27	18° 1	25° 7	2° 3	T 23
F 24	6 23 46	6°27'19	8♌ 9	14°15	25°33	19°38	13°53	27°28	16°32	28° 1	4° 7	19°18	17°58	25°14	2° 7	F 24
S 25	6 27 43	7°28'27	21°44	15°33	26°45	19°40	14° 6	27°33	16°35	28° 1	4° 7	19°10	17°55	25°20	2°12	S 25
S 26	6 31 39	8°29'34	5♍29	16°51	27°57	19°42	14°20	27°39	16°39	28° 1	4° 6	19° 4	17°52	25°27	2°16	S 26
M27	6 35 36	9°30'41	19°21	18°11	29° 9	19°45	14°33	27°44	16°42	28° 0	4° 5	19° 0	17°49	25°34	2°20	M27
T 28	6 39 32	10°31'47	3♎20	19°32	0♐21	19°49	14°46	27°50	16°46	28° 0	4° 4	18°58	17°46	25°40	2°24	T 28
W29	6 43 29	11°32'53	17°25	20°54	1°33	19°54	14°59	27°56	16°49	28° 0	4° 4	18°D58	17°42	25°47	2°28	W29
T 30	6 47 25	12°33'59	1♏34	22°18	2°45	19°59	15°12	28° 2	16°52	28° 0	4° 3	18°59	17°39	25°53	2°33	T 30
F 31	6 51 22	13♑35'04	15♏46	23♐42	3♐57	20♉ 5	15♒26	28♒ 8	16♐56	27♈59	4♍ 2	19°R 0	17♏36	26♈ 0	2♒37	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s31	6s 2	3s37	17s56	2n51	8s40	2n31	20n32	2n 4	19s 0	0s59	14s48	1s52	22s52	0s 6	9n 9	1s56	23n53	14n59	17s55	17s38	11n 1	14s15	6n 2	
T 2	22 38	10 42	2 33	17 40	2 57	9 4	2 32	20 30	2 5	18 57	0 59	14 47	1 51	22 52	0 6	9 8	1 56	23 54	14 59	17 55	17 38	11 2	14 14	6 2	
F 3	22 45	14 47	1 19	17 28	3 1	9 28	2 32	20 27	2 7	18 54	0 58	14 45	1 51	22 53	0 6	9 8	1 56	23 54	15 0	17 56	17 37	11 4	14 14	6 2	
S 4	22 52	17 58	0n 1	17 20	3 3	9 52	2 32	20 24	2 8	18 51	0 58	14 44	1 51	22 53	0 6	9 8	1 56	23 55	15 0	17 56	17 36	11 6	14 13	6 2	
S 5	22 58	19 59	1 21	17 16	3 3	10 16	2 32	20 21	2 9	18 47	0 58	14 42	1 51	22 54	0 6	9 7	1 56	23 55	15 1	17 56	17 35	11 8	14 13	6 1	
M 6	23 4	20 38	2 35	17 16	3 1	10 40	2 32	20 19	2 10	18 44	0 58	14 41	1 51	22 54	0 6	9 7	1 56	23 56	15 1	17 55	17 34	11 10	14 12	6 1	
T 7	23 9	19 55	3 38	17 19	2 58	11 3	2 31	20 17	2 11	18 41	0 58	14 39	1 51	22 54	0 6	9 7	1 56	23 56	15 2	17 54	17 33	11 11	14 12	6 1	
W 8	23 14	18 0	4 25	17 25	2 54	11 27	2 31	20 14	2 12	18 38	0 58	14 38	1 51	22 55	0 6	9 6	1 56	23 57	15 2	17 53	17 32	11 13	14 11	6 0	
T 9	23 18	15 7	4 57	17 34	2 49	11 50	2 31	20 12	2 13	18 34	0 58	14 36	1 51	22 55	0 6	9 6	1 56	23 57	15 3	17 51	17 31	11 15	14 11	6 0	
F 10	23 22	11 33	5 11	17 45	2 43	12 13	2 30	20 10	2 14	18 31	0 58	14 34	1 50	22 56	0 6	9 6	1 55	23 58	15 3	17 50	17 30	11 17	14 10	6 0	
S 11	23 26	7 33	5 10	17 58	2 37	12 36	2 29	20 9	2 15	18 28	0 58	14 33	1 50	22 56	0 6	9 6	1 55	23 58	15 4	17 49	17 30	11 18	14 10	6 0	
S 12	23 28	3 21	4 54	18 13	2 29	12 59	2 28	20 7	2 16	18 24	0 58	14 31	1 50	22 56	0 6	9 5	1 55	23 59	15 5	17 48	17 29	11 20	14 9	6 0	
M13	23 31	0n54	4 24	18 29	2 22	13 21	2 28	20 6	2 17	18 21	0 58	14 29	1 50	22 57	0 6	9 5	1 55	24 0	15 5	17 48	17 28	11 22	14 9	5 59	
T 14	23 33	5 4	3 44	18 46	2 14	13 43	2 27	20 4	2 17	18 18	0 58	14 27	1 50	22 57	0 6	9 5	1 55	24 0	15 6	17 48	17 27	11 24	14 8	5 59	
W15	23 34	8 59	2 55	19 4	2 6	14 5	2 25	20 3	2 18	18 14	0 58	14 26	1 50	22 58	0 6	9 5	1 55	24 1	15 6	17 48	17 26	11 25	14 7	5 59	
T 16	23 35	12 34	1 58	19 22	1 57	14 27	2 24	20 3	2 19	18 11	0 58	14 24	1 50	22 58	0 6	9 5	1 55	24 1	15 7	17 49	17 25	11 27	14 7	5 59	
F 17	23 36	15 40	0 56	19 41	1 49	14 48	2 23	20 2	2 19	18 7	0 58	14 22	1 50	22 58	0 6	9 4	1 55	24 2	15 7	17 49	17 24	11 29	14 6	5 58	
S 18	23 36	18 7	0s 9	20 1	1 40	15 9	2 22	20 1	2 20	18 3	0 58	14 20	1 50	22 59	0 6	9 4	1 55	24 3	15 8	17 49	17 23	11 30	14 5	5 58	
S 19	23 36	19 49	1 15	20 20	1 31	15 30	2 20	20 1	2 20	18 0	0 58	14 18	1 49	22 59	0 6	9 4	1 55	24 3	15 8	17 49	17 23	11 32	14 5	5 58	
M20	23 35	20 35	2 18	20 39	1 22	15 51	2 19	20 1	2 20	17 56	0 58	14 16	1 49	23 0	0 6	9 4	1 55	24 4	15 9	17 48	17 22	11 34	14 4	5 58	
T 21	23 33	20 21	3 15	20 58	1 14	16 11	2 17	20 1	2 21	17 52	0 58	14 14	1 49	23 0	0 6	9 4	1 55	24 5	15 9	17 47	17 21	11 36	14 3	5 58	
W22	23 32	19 3	4 3	21 17	1 5	16 31	2 15	20 1	2 21	17 49	0 58	14 12	1 49	23 0	0 6	9 4	1 55	24 5	15 9	17 45	17 20	11 37	14 3	5 57	
T 23	23 29	16 44	4 40	21 35	0 56	16 50	2 13	20 1	2 21	17 45	0 57	14 10	1 49	23 1	0 6	9 4	1 55	24 6	15 10	17 43	17 19	11 39	14 2	5 57	
F 24	23 27	13 29	5 2	21 53	0 47	17 9	2 11	20 2	2 22	17 41	0 57	14 8	1 49	23 1	0 6	9 4	1 55	24 7	15 10	17 40	17 18	11 41	14 1	5 57	
S 25	23 23	9 30	5 7	22 10	0 39	17 28	2 9	20 2	2 22	17 37	0 57	14 6	1 49	23 1	0 6	9 3	1 55	24 7	15 11	17 38	17 17	11 42	14 0	5 57	
S 26	23 20	4 59	4 55	22 27	0 30	17 46	2 7	20 3	2 22	17 34	0 57	14 4	1 49	23 2	0 6	9 3	1 55	24 8	15 11	17 36	17 16	11 44	14 0	5 57	
M27	23 15	0 10	4 26	22 42	0 22	18 4	2 5	20 4	2 22	17 30	0 57	14 2	1 49	23 2	0 6	9 3	1 54	24 9	15 12	17 35	17 15	11 46	13 59	5 57	
T 28	23 11	4s42	3 40	22 57	0 14	18 21	2 3	20 6	2 22	17 26	0 57	14 0	1 49	23 2	0 6	9 3	1 54	24 10	15 12	17 35	17 15	11 47	13 58	5 56	
W29	23 6	9 22	2 41	23 11	0 6	18 38	2 1	20 7	2 22	17 22	0 57	13 58	1 49	23 3	0 6	9 3	1 54	24 10	15 13	17 35	17 14	11 49	13 57	5 56	
T 30	23 0	13 32	1 32	23 24	0s 2	18 55	1 59	20 9	2 22	17 18	0 57	13 56	1 49	23 3	0 6	9 3	1 54	24 11	15 13	17 35	17 13	11 51	13 56	5 56	
F 31	22s54	16s57	0s17	23s37	0s10	19s11	1n56	20n10	2n22	17s14	0s57	13s54	1s48	23s 3	0s 6	9n 3	1s54	24n12	15n14	17s35	17s12	11n53	13s56	5n56	

Julian Day Number = 1987294.5, Delta T = 56m29s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'05, Lahiri = 6°09'05 Julian Calendar 1 Dec. 728 == Greg. Calendar 5 Dec. 728

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ASTRODIENST EPHEMERIS for the year 729
geocentric

JANUARY 729 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 55 19	14♉36'08	29♏59	25♐ 7	5♐ 9	20♉12	15♒39	28♒14	16♐59	27°R59	4°R 1	18°R59	17♏33	26♈ 7	2♒41	S 1
S 2	6 59 15	15°37'12	14♐11	26°33	6°22	20°19	15°53	28°20	17° 2	27♈59	4♍ 0	18♏56	17°30	26°13	2°46	S 2
M 3	7 3 12	16°38'16	28°18	27°59	7°34	20°27	16° 6	28°26	17° 6	27°59	3°59	18°51	17°26	26°20	2°50	M 3
T 4	7 7 8	17°39'18	12♉16	29°27	8°46	20°36	16°20	28°32	17° 9	27°D59	3°58	18°43	17°23	26°27	2°54	T 4
W 5	7 11 5	18°40'20	26° 0	0♉55	9°59	20°45	16°33	28°39	17°12	27°59	3°57	18°33	17°20	26°33	2°59	W 5
T 6	7 15 1	19°41'20	9♒26	2°24	11°11	20°55	16°47	28°45	17°15	27°59	3°56	18°22	17°17	26°40	3° 3	T 6
F 7	7 18 58	20°42'19	22°32	3°54	12°24	21° 6	17° 1	28°51	17°19	27°59	3°55	18°11	17°14	26°47	3° 7	F 7
S 8	7 22 54	21°43'17	5♓19	5°25	13°36	21°17	17°14	28°58	17°22	27°59	3°54	18° 1	17°11	26°53	3°12	S 8
S 9	7 26 51	22°44'13	17°46	6°56	14°49	21°29	17°28	29° 4	17°25	27°59	3°53	17°53	17° 7	27° 0	3°16	S 9
M10	7 30 48	23°45'08	29°56	8°28	16° 2	21°41	17°42	29°10	17°28	28° 0	3°52	17°48	17° 4	27° 7	3°21	M10
T 11	7 34 44	24°46'02	11♈54	10° 1	17°14	21°54	17°56	29°17	17°31	28° 0	3°51	17°45	17° 1	27°13	3°25	T 11
W12	7 38 41	25°46'54	23°44	11°34	18°27	22° 7	18°10	29°24	17°34	28° 0	3°49	17°D44	16°58	27°20	3°29	W12
T 13	7 42 37	26°47'45	5♉32	13° 8	19°40	22°21	18°24	29°30	17°37	28° 0	3°48	17°44	16°55	27°27	3°34	T 13
F 14	7 46 34	27°48'34	17°23	14°43	20°53	22°35	18°38	29°37	17°40	28° 1	3°47	17°R44	16°52	27°33	3°38	F 14
S 15	7 50 30	28°49'22	29°23	16°19	22° 5	22°50	18°52	29°44	17°43	28° 1	3°46	17°44	16°48	27°40	3°43	S 15
S 16	7 54 27	29°50'08	11♊36	17°56	23°18	23° 5	19° 6	29°50	17°46	28° 1	3°45	17°41	16°45	27°47	3°47	S 16
M17	7 58 23	0♒50'53	24° 7	19°33	24°31	23°21	19°20	29°57	17°49	28° 2	3°43	17°36	16°42	27°53	3°52	M17
T 18	8 2 20	1°51'36	6♋58	21°11	25°44	23°38	19°34	0♓ 4	17°52	28° 2	3°42	17°28	16°39	28° 0	3°56	T 18
W19	8 6 17	2°52'18	20°10	22°50	26°57	23°54	19°49	0°11	17°55	28° 3	3°41	17°18	16°36	28° 7	4° 1	W19
T 20	8 10 13	3°52'58	3♌42	24°30	28°10	24°12	20° 3	0°18	17°57	28° 3	3°39	17° 6	16°32	28°13	4° 5	T 20
F 21	8 14 10	4°53'36	17°31	26°10	29°23	24°29	20°17	0°25	18° 0	28° 4	3°38	16°53	16°29	28°20	4° 9	F 21
S 22	8 18 6	5°54'13	1♍34	27°52	0♉36	24°47	20°31	0°32	18° 3	28° 4	3°37	16°41	16°26	28°27	4°14	S 22
S 23	8 22 3	6°54'48	15°45	29°34	1°49	25° 6	20°45	0°39	18° 6	28° 5	3°35	16°32	16°23	28°33	4°18	S 23
M24	8 25 59	7°55'23	0♎ 0	1♒17	3° 2	25°24	21° 0	0°46	18° 8	28° 6	3°34	16°25	16°20	28°40	4°23	M24
T 25	8 29 56	8°55'55	14°14	3° 1	4°15	25°44	21°14	0°53	18°11	28° 6	3°32	16°20	16°17	28°46	4°27	T 25
W26	8 33 52	9°56'27	28°25	4°46	5°28	26° 3	21°28	1° 0	18°13	28° 7	3°31	16°19	16°13	28°53	4°32	W26
T 27	8 37 49	10°56'57	12♏31	6°32	6°42	26°23	21°43	1° 7	18°16	28° 8	3°30	16°18	16°10	29° 0	4°36	T 27
F 28	8 41 46	11°57'26	26°31	8°19	7°55	26°43	21°57	1°14	18°19	28° 9	3°28	16°18	16° 7	29° 6	4°41	F 28
S 29	8 45 42	12°57'54	10♐25	10° 6	9° 8	27° 4	22°12	1°21	18°21	28°10	3°27	16°17	16° 4	29°13	4°45	S 29
S 30	8 49 39	13°58'20	24°12	11°55	10°21	27°25	22°26	1°28	18°23	28°10	3°25	16°13	16° 1	29°20	4°49	S 30
M31	8 53 35	14♒58'44	7♉53	13♒45	11♉35	27♉47	22♒40	1♓36	18♐26	28♈11	3♍24	16♏ 6	15♏58	29♈26	4♒54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s48	19s20	0n59	23s48	0s17	19s26	1n54	20n12	2n22	17s10	0s57	13s52	1s48	23s 4	0s 6	9n 3	1s54	24n12	15n14	17s35	17s11	11n54	13s55	5n56
S 2	22 41	20 30	2 11	23 58	0 25	19 41	1 51	20 14	2 22	17 6	0 57	13 50	1 48	23 4	0 6	9 3	1 54	24 13	15 15	17 34	17 10	11 56	13 54	5 56
M 3	22 33	20 21	3 14	24 7	0 32	19 56	1 49	20 16	2 22	17 2	0 57	13 47	1 48	23 4	0 6	9 3	1 54	24 14	15 15	17 33	17 9	11 58	13 53	5 56
T 4	22 26	18 58	4 5	24 15	0 39	20 10	1 46	20 18	2 22	16 58	0 57	13 45	1 48	23 5	0 6	9 3	1 54	24 15	15 15	17 31	17 8	11 59	13 52	5 56
W 5	22 17	16 29	4 41	24 21	0 45	20 24	1 43	20 21	2 22	16 53	0 57	13 43	1 48	23 5	0 6	9 3	1 54	24 15	15 16	17 28	17 7	12 1	13 51	5 55
T 6	22 9	13 11	5 0	24 27	0 52	20 37	1 41	20 23	2 22	16 49	0 57	13 41	1 48	23 5	0 6	9 4	1 54	24 16	15 16	17 25	17 6	12 3	13 51	5 55
F 7	22 0	9 19	5 3	24 31	0 58	20 49	1 38	20 26	2 22	16 45	0 57	13 38	1 48	23 6	0 6	9 4	1 54	24 17	15 17	17 22	17 6	12 4	13 50	5 55
S 8	21 50	5 7	4 50	24 34	1 4	21 1	1 35	20 29	2 22	16 41	0 57	13 36	1 48	23 6	0 6	9 4	1 54	24 18	15 17	17 19	17 5	12 6	13 49	5 55
S 9	21 40	0 49	4 24	24 35	1 10	21 12	1 32	20 32	2 22	16 37	0 57	13 34	1 48	23 6	0 6	9 4	1 54	24 19	15 17	17 17	17 4	12 8	13 48	5 55
M10	21 30	3n26	3 46	24 35	1 16	21 23	1 29	20 35	2 22	16 32	0 57	13 31	1 48	23 7	0 6	9 4	1 54	24 19	15 18	17 15	17 3	12 9	13 47	5 55
T 11	21 19	7 29	2 59	24 34	1 21	21 33	1 27	20 38	2 21	16 28	0 57	13 29	1 48	23 7	0 6	9 4	1 53	24 20	15 18	17 14	17 2	12 11	13 46	5 55
W12	21 8	11 12	2 4	24 32	1 26	21 42	1 24	20 42	2 21	16 24	0 57	13 27	1 48	23 7	0 6	9 4	1 53	24 21	15 19	17 14	17 1	12 12	13 45	5 55
T 13	20 56	14 28	1 5	24 27	1 31	21 51	1 21	20 45	2 21	16 19	0 57	13 24	1 48	23 8	0 6	9 4	1 53	24 22	15 19	17 14	17 0	12 14	13 44	5 55
F 14	20 44	17 10	0 2	24 22	1 36	22 0	1 18	20 48	2 21	16 15	0 57	13 22	1 48	23 8	0 6	9 5	1 53	24 22	15 19	17 14	16 59	12 16	13 43	5 55
S 15	20 32	19 9	1s 2	24 15	1 40	22 7	1 15	20 52	2 20	16 11	0 57	13 19	1 48	23 8	0 6	9 5	1 53	24 23	15 20	17 14	16 58	12 17	13 42	5 55
S 16	20 19	20 18	2 3	24 6	1 44	22 14	1 12	20 56	2 20	16 6	0 57	13 17	1 48	23 8	0 6	9 5	1 53	24 24	15 20	17 13	16 57	12 19	13 41	5 55
M17	20 6	20 28	3 0	23 56	1 47	22 21	1 8	21 0	2 20	16 2	0 57	13 14	1 48	23 9	0 6	9 5	1 53	24 25	15 20	17 12	16 56	12 21	13 40	5 55
T 18	19 53	19 35	3 50	23 44	1 51	22 27	1 5	21 3	2 20	15 57	0 57	13 12	1 48	23 9	0 6	9 5	1 53	24 26	15 21	17 10	16 56	12 22	13 39	5 55
W19	19 39	17 39	4 28	23 31	1 54	22 32	1 2	21 7	2 19	15 53	0 57	13 10	1 47	23 9	0 6	9 6	1 53	24 26	15 21	17 7	16 55	12 24	13 38	5 55
T 20	19 25	14 43	4 53	23 16	1 56	22 36	0 59	21 11	2 19	15 48	0 57	13 7	1 47	23 9	0 6	9 6	1 53	24 27	15 21	17 3	16 54	12 26	13 37	5 55
F 21	19 10	10 54	5 1	23 0	1 58	22 40	0 56	21 16	2 19	15 44	0 57	13 5	1 47	23 10	0 6	9 6	1 53	24 28	15 22	17 0	16 53	12 27	13 36	5 55
S 22	18 55	6 27	4 51	22 42	2 0	22 43	0 53	21 20	2 18	15 39	0 57	13 2	1 47	23 10	0 6	9 6	1 53	24 29	15 22	16 56	16 52	12 29	13 35	5 55
S 23	18 40	1 37	4 23	22 22	2 2	22 46	0 50	21 24	2 18	15 35	0 57	13 0	1 47	23 10	0 6	9 7	1 53	24 30	15 22	16 53	16 51	12 30	13 34	5 55
M24	18 25	3s21	3 39	22 0	2 3	22 48	0 46	21 28	2 18	15 30	0 57	12 57	1 47	23 11	0 6	9 7	1 53	24 30	15 22	16 51	16 50	12 32	13 33	5 55
T 25	18 9	8 7	2 41	21 37	2 4	22 49	0 43	21 33	2 17	15 25	0 57	12 54	1 47	23 11	0 6	9 7	1 53	24 31	15 23	16 50	16 49	12 34	13 32	5 55
W26	17 53	12 26	1 33	21 12	2 4	22 49	0 40	21 37	2 17	15 21	0 57	12 52	1 47	23 11	0 6	9 8	1 52	24 32	15 23	16 50	16 48	12 35	13 31	5 55
T 27	17 36	16 1	0 20	20 46	2 4	22 49	0 37	21 41	2 17	15 16	0 57	12 49	1 47	23 11	0 7	9 8	1 52	24 33	15 23	16 50	16 47	12 37	13 30	5 55
F 28	17 19	18 38	0n54	20 17	2 3	22 48	0 34	21 46	2 16	15 11	0 57	12 47	1 47	23 11	0 7	9 8	1 52	24 34	15 23	16 50	16 46	12 38	13 29	5 55
S 29	17 2	20 7	2 4	19 47	2 2	22 47	0 30	21 50	2 16	15 7	0 57	12 44	1 47	23 12	0 7	9 9	1 52	24 34	15 24	16 49	16 45	12 40	13 28	5 55
S 30	16 45	20 23	3 6	19 16	2 0	22 44	0 27	21 55	2 16	15 2	0 58	12 42	1 47	23 12	0 7	9 9	1 52	24 35	15 24	16 48	16 45	12 42	13 27	5 55
M31	16s27	19s26	3n57	18s42	1s58	22s42	0n24	22n 0	2n15	14s57	0s58	12s39	1s47	23s12	0s 7	9n 9	1s52	24n36	15n24	16s46	16s44	12n43	13s26	5n55

Julian Day Number = 1987325.5, Delta T = 56m28s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'09, Lahiri = 6°09'09 Julian Calendar 1 Jan. 729 == Greg. Calendar 5 Jan. 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

FEBRUARY 729 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 57 32	15♒59'08	21♑24	15♒35	12♑48	28♉ 8	22♒55	1♓43	18♐28	28♈12	3°R22	15°R56	15♏54	29♈33	4♒58	T 1
W 2	9 1 28	16°59'29	4♒44	17°26	14° 1	28°30	23° 9	1°50	18°30	28°13	3♍21	15♏44	15°51	29°40	5° 3	W 2
T 3	9 5 25	17°59'49	17°51	19°19	15°15	28°53	23°24	1°57	18°33	28°14	3°19	15°31	15°48	29°46	5° 7	T 3
F 4	9 9 21	19° 0'06	0♓43	21°12	16°28	29°15	23°38	2° 5	18°35	28°15	3°18	15°17	15°45	29°53	5°11	F 4
S 5	9 13 18	20° 0'22	13°19	23° 5	17°41	29°38	23°53	2°12	18°37	28°16	3°16	15° 4	15°42	29°59	5°16	S 5
S 6	9 17 15	21° 0'36	25°40	25° 0	18°55	0♊ 2	24° 7	2°19	18°39	28°17	3°14	14°54	15°38	0♉ 6	5°20	S 6
M 7	9 21 11	22° 0'48	7♈48	26°55	20° 8	0°25	24°22	2°27	18°41	28°18	3°13	14°46	15°35	0°13	5°24	M 7
T 8	9 25 8	23° 0'58	19°44	28°50	21°21	0°49	24°36	2°34	18°43	28°20	3°11	14°41	15°32	0°20	5°29	T 8
W 9	9 29 4	24° 1'05	1♉33	0♓46	22°35	1°13	24°51	2°41	18°45	28°21	3°10	14°39	15°29	0°26	5°33	W 9
T 10	9 33 1	25° 1'11	13°20	2°41	23°48	1°37	25° 5	2°49	18°47	28°22	3° 8	14°D38	15°26	0°33	5°37	T 10
F 11	9 36 57	26° 1'14	25°11	4°37	25° 2	2° 2	25°20	2°56	18°49	28°23	3° 7	14°R39	15°23	0°40	5°41	F 11
S 12	9 40 54	27° 1'16	7♊10	6°33	26°15	2°27	25°34	3° 3	18°51	28°24	3° 5	14°38	15°19	0°46	5°46	S 12
S 13	9 44 50	28° 1'15	19°23	8°27	27°28	2°52	25°49	3°11	18°53	28°26	3° 3	14°36	15°16	0°53	5°50	S 13
M14	9 48 47	29° 1'11	1♋55	10°21	28°42	3°18	26° 3	3°18	18°55	28°27	3° 2	14°32	15°13	1° 0	5°54	M14
T 15	9 52 44	0♓ 1'06	14°50	12°14	29°55	3°43	26°18	3°26	18°57	28°28	3° 0	14°25	15°10	1° 6	5°58	T 15
W16	9 56 40	1° 0'58	28°11	14° 5	1♒ 9	4° 9	26°32	3°33	18°58	28°30	2°59	14°16	15° 7	1°13	6° 2	W16
T 17	10 0 37	2° 0'48	11♌57	15°54	2°22	4°35	26°47	3°41	19° 0	28°31	2°57	14° 5	15° 4	1°19	6° 6	T 17
F 18	10 4 33	3° 0'36	26° 6	17°40	3°36	5° 1	27° 1	3°48	19° 2	28°33	2°55	13°54	15° 0	1°26	6°11	F 18
S 19	10 8 30	4° 0'22	10♍32	19°24	4°49	5°28	27°16	3°55	19° 3	28°34	2°54	13°43	14°57	1°33	6°15	S 19
S 20	10 12 26	5° 0'06	25°10	21° 4	6° 2	5°55	27°30	4° 3	19° 5	28°36	2°52	13°34	14°54	1°39	6°19	S 20
M21	10 16 23	5°59'48	9♎52	22°40	7°16	6°21	27°45	4°10	19° 6	28°37	2°51	13°28	14°51	1°46	6°23	M21
T 22	10 20 19	6°59'28	24°30	24°11	8°29	6°48	27°59	4°18	19° 7	28°39	2°49	13°24	14°48	1°53	6°27	T 22
W23	10 24 16	7°59'06	8♏59	25°38	9°43	7°16	28°13	4°25	19° 9	28°40	2°47	13°D23	14°44	1°59	6°31	W23
T 24	10 28 13	8°58'42	23°16	26°59	10°56	7°43	28°28	4°32	19°10	28°42	2°46	13°23	14°41	2° 6	6°34	T 24
F 25	10 32 9	9°58'17	7♐19	28°14	12°10	8°11	28°42	4°40	19°11	28°43	2°44	13°R23	14°38	2°13	6°38	F 25
S 26	10 36 6	10°57'50	21° 8	29°23	13°23	8°39	28°56	4°47	19°13	28°45	2°43	13°23	14°35	2°19	6°42	S 26
S 27	10 40 2	11°57'21	4♑43	0♈26	14°37	9° 7	29°11	4°55	19°14	28°47	2°41	13°20	14°32	2°26	6°46	S 27
M28	10 43 59	12♓56'51	18♑ 5	1♈22	15♒51	9♊35	29♒25	5♓ 2	19♐15	28♈48	2♍39	13♏16	14♏29	2♉33	6♒50	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s 9	17s23	4n33	18s 7	1s56	22s38	0n21	22n 4	2n15	14s53	0s58	12s36	1s47	23s12	0s 7	9n10	1s52	24n37	15n24	16s43	16s43	12n45	13s24	5n55
W 2	15 51	14 26	4 55	17 30	1 53	22 34	0 18	22 9	2 14	14 48	0 58	12 34	1 47	23 13	0 7	9 10	1 52	24 37	15 25	16 40	16 42	12 46	13 23	5 55
T 3	15 32	10 50	5 0	16 51	1 49	22 29	0 15	22 13	2 14	14 43	0 58	12 31	1 47	23 13	0 7	9 11	1 52	24 38	15 25	16 36	16 41	12 48	13 22	5 55
F 4	15 14	6 47	4 49	16 11	1 45	22 23	0 12	22 18	2 14	14 38	0 58	12 28	1 47	23 13	0 7	9 11	1 52	24 39	15 25	16 32	16 40	12 49	13 21	5 55
S 5	14 55	2 31	4 25	15 29	1 40	22 17	0 9	22 23	2 13	14 34	0 58	12 26	1 47	23 13	0 7	9 11	1 52	24 40	15 25	16 28	16 39	12 51	13 20	5 55
S 6	14 35	1n46	3 48	14 46	1 35	22 10	0 5	22 27	2 13	14 29	0 58	12 23	1 47	23 13	0 7	9 12	1 52	24 40	15 25	16 25	16 38	12 53	13 19	5 55
M 7	14 16	5 54	3 2	14 1	1 29	22 2	0 2	22 32	2 12	14 24	0 58	12 21	1 47	23 14	0 7	9 12	1 52	24 41	15 26	16 23	16 37	12 54	13 18	5 55
T 8	13 56	9 44	2 8	13 14	1 22	21 54	0s 1	22 37	2 12	14 19	0 58	12 18	1 47	23 14	0 7	9 13	1 52	24 42	15 26	16 21	16 36	12 56	13 17	5 56
W 9	13 36	13 10	1 9	12 26	1 15	21 45	0 4	22 41	2 12	14 14	0 58	12 15	1 47	23 14	0 7	9 13	1 52	24 43	15 26	16 21	16 35	12 57	13 16	5 56
T 10	13 16	16 4	0 7	11 37	1 7	21 36	0 7	22 46	2 11	14 9	0 58	12 13	1 47	23 14	0 7	9 14	1 52	24 43	15 26	16 20	16 34	12 59	13 15	5 56
F 11	12 56	18 17	0s56	10 47	0 58	21 26	0 10	22 51	2 11	14 5	0 58	12 10	1 47	23 14	0 7	9 14	1 51	24 44	15 26	16 20	16 33	13 0	13 13	5 56
S 12	12 35	19 44	1 57	9 56	0 49	21 15	0 12	22 55	2 10	14 0	0 58	12 7	1 47	23 15	0 7	9 15	1 51	24 45	15 26	16 20	16 32	13 2	13 12	5 56
S 13	12 15	20 18	2 53	9 4	0 39	21 4	0 15	23 0	2 10	13 55	0 58	12 5	1 47	23 15	0 7	9 15	1 51	24 46	15 26	16 20	16 32	13 4	13 11	5 56
M14	11 54	19 52	3 43	8 11	0 29	20 51	0 18	23 4	2 10	13 50	0 58	12 2	1 48	23 15	0 7	9 16	1 51	24 46	15 26	16 18	16 31	13 5	13 10	5 56
T 15	11 33	18 24	4 23	7 18	0 18	20 39	0 21	23 9	2 9	13 45	0 58	11 59	1 48	23 15	0 7	9 16	1 51	24 47	15 27	16 16	16 30	13 7	13 9	5 56
W16	11 11	15 55	4 50	6 24	0 7	20 26	0 24	23 14	2 9	13 40	0 58	11 56	1 48	23 15	0 7	9 17	1 51	24 48	15 27	16 14	16 29	13 8	13 8	5 57
T 17	10 50	12 29	5 2	5 31	0n 5	20 12	0 27	23 18	2 8	13 35	0 58	11 54	1 48	23 15	0 7	9 17	1 51	24 48	15 27	16 11	16 28	13 10	13 7	5 57
F 18	10 28	8 16	4 55	4 38	0 17	19 57	0 29	23 22	2 8	13 30	0 59	11 51	1 48	23 15	0 7	9 18	1 51	24 49	15 27	16 7	16 27	13 11	13 5	5 57
S 19	10 6	3 30	4 30	3 46	0 30	19 42	0 32	23 27	2 7	13 25	0 59	11 48	1 48	23 16	0 7	9 19	1 51	24 50	15 27	16 4	16 26	13 13	13 4	5 57
S 20	9 44	1s32	3 47	2 54	0 43	19 27	0 35	23 31	2 7	13 20	0 59	11 46	1 48	23 16	0 7	9 19	1 51	24 50	15 27	16 1	16 25	13 14	13 3	5 57
M21	9 22	6 30	2 48	2 4	0 56	19 11	0 37	23 36	2 7	13 15	0 59	11 43	1 48	23 16	0 7	9 20	1 51	24 51	15 27	15 59	16 24	13 16	13 2	5 57
T 22	9 0	11 5	1 39	1 16	1 9	18 54	0 40	23 40	2 6	13 10	0 59	11 40	1 48	23 16	0 7	9 20	1 51	24 52	15 27	15 58	16 23	13 17	13 1	5 58
W23	8 38	14 57	0 23	0 29	1 23	18 37	0 42	23 44	2 6	13 6	0 59	11 38	1 48	23 16	0 7	9 21	1 51	24 52	15 27	15 58	16 22	13 19	13 0	5 58
T 24	8 15	17 52	0n53	0n15	1 36	18 19	0 45	23 48	2 5	13 1	0 59	11 35	1 48	23 16	0 7	9 22	1 51	24 53	15 27	15 58	16 21	13 20	12 59	5 58
F 25	7 53	19 38	2 4	0 58	1 49	18 1	0 47	23 52	2 5	12 56	0 59	11 32	1 48	23 16	0 7	9 22	1 51	24 53	15 27	15 58	16 20	13 22	12 58	5 58
S 26	7 30	20 11	3 7	1 37	2 2	17 42	0 49	23 56	2 4	12 51	0 59	11 30	1 48	23 17	0 7	9 23	1 51	24 54	15 27	15 58	16 19	13 23	12 56	5 58
S 27	7 7	19 32	3 59	2 13	2 14	17 23	0 51	24 0	2 4	12 46	0 59	11 27	1 48	23 17	0 7	9 23	1 51	24 55	15 27	15 57	16 18	13 25	12 55	5 58
M28	6s45	17s49	4n36	2n46	2n26	17s 3	0s54	24n 4	2n 3	12s41	0s59	11s24	1s48	23s17	0s 7	9n24	1s51	24n55	15n27	15s56	16s17	13n26	12s54	5n59

Julian Day Number = 1987356.5, Delta T = 56m27s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'13, Lahiri = 6°09'14 Julian Calendar 1 Feb. 729 == Greg. Calendar 5 Feb. 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

MARCH 729 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 47 55	13♓56'18	1♒14	2♈10	17♒ 4	10♊ 3	29♒39	5♓ 9	19♐16	28♈50	2°R38	13°R 9	14♏25	2♉39	6♒54	T 1
W 2	10 51 52	14°55'43	14°11	2°51	18°18	10°32	29°54	5°17	19°17	28°52	2♍36	12♏59	14°22	2°46	6°57	W 2
T 3	10 55 48	15°55'07	26°56	3°25	19°31	11° 1	0♓ 8	5°24	19°18	28°53	2°35	12°49	14°19	2°53	7° 1	T 3
F 4	10 59 45	16°54'28	9♓29	3°51	20°45	11°29	0°22	5°32	19°19	28°55	2°33	12°38	14°16	2°59	7° 5	F 4
S 5	11 3 41	17°53'48	21°51	4°10	21°58	11°58	0°36	5°39	19°20	28°57	2°32	12°28	14°13	3° 6	7° 8	S 5
S 6	11 7 38	18°53'05	4♈ 1	4°20	23°12	12°28	0°50	5°46	19°20	28°59	2°30	12°20	14° 9	3°12	7°12	S 6
M 7	11 11 35	19°52'20	16° 1	4°R24	24°25	12°57	1° 4	5°53	19°21	29° 1	2°28	12°14	14° 6	3°19	7°15	M 7
T 8	11 15 31	20°51'33	27°54	4°20	25°39	13°26	1°19	6° 1	19°22	29° 2	2°27	12°11	14° 3	3°26	7°19	T 8
W 9	11 19 28	21°50'43	9♉41	4° 9	26°52	13°56	1°33	6° 8	19°22	29° 4	2°25	12°D10	14° 0	3°32	7°22	W 9
T 10	11 23 24	22°49'52	21°28	3°51	28° 6	14°26	1°47	6°15	19°23	29° 6	2°24	12°10	13°57	3°39	7°26	T 10
F 11	11 27 21	23°48'58	3♊17	3°27	29°20	14°56	2° 1	6°22	19°24	29° 8	2°22	12°11	13°54	3°46	7°29	F 11
S 12	11 31 17	24°48'01	15°15	2°58	0♓33	15°26	2°15	6°30	19°24	29°10	2°21	12°13	13°50	3°52	7°33	S 12
S 13	11 35 14	25°47'03	27°27	2°24	1°47	15°56	2°28	6°37	19°25	29°12	2°20	12°R13	13°47	3°59	7°36	S 13
M14	11 39 10	26°46'02	9♋57	1°45	3° 0	16°26	2°42	6°44	19°25	29°14	2°18	12°12	13°44	4° 6	7°39	M14
T 15	11 43 7	27°44'58	22°50	1° 4	4°14	16°57	2°56	6°51	19°25	29°16	2°17	12° 9	13°41	4°12	7°42	T 15
W16	11 47 4	28°43'52	6♌ 9	0°19	5°27	17°27	3°10	6°58	19°26	29°18	2°15	12° 5	13°38	4°19	7°46	W16
T 17	11 51 0	29°42'44	19°57	29♓33	6°41	17°58	3°24	7° 5	19°26	29°20	2°14	11°59	13°35	4°26	7°49	T 17
F 18	11 54 57	0♈41'34	4♍12	28°47	7°54	18°29	3°37	7°12	19°26	29°22	2°13	11°52	13°31	4°32	7°52	F 18
S 19	11 58 53	1°40'21	18°49	28° 0	9° 8	19° 0	3°51	7°19	19°26	29°24	2°11	11°46	13°28	4°39	7°55	S 19
S 20	12 2 50	2°39'06	3♎43	27°15	10°21	19°31	4° 5	7°26	19°26	29°26	2°10	11°41	13°25	4°46	7°58	S 20
M21	12 6 46	3°37'49	18°45	26°32	11°35	20° 2	4°18	7°33	19°R26	29°28	2° 8	11°37	13°22	4°52	8° 1	M21
T 22	12 10 43	4°36'31	3♏46	25°51	12°48	20°33	4°32	7°40	19°26	29°30	2° 7	11°36	13°19	4°59	8° 4	T 22
W23	12 14 39	5°35'10	18°38	25°13	14° 2	21° 4	4°45	7°47	19°26	29°32	2° 6	11°D36	13°15	5° 5	8° 7	W23
T 24	12 18 36	6°33'48	3♐14	24°39	15°16	21°36	4°59	7°54	19°26	29°34	2° 5	11°37	13°12	5°12	8° 9	T 24
F 25	12 22 33	7°32'24	17°31	24°10	16°29	22° 7	5°12	8° 1	19°26	29°36	2° 3	11°38	13° 9	5°19	8°12	F 25
S 26	12 26 29	8°30'58	1♑27	23°45	17°43	22°39	5°25	8° 8	19°26	29°39	2° 2	11°39	13° 6	5°25	8°15	S 26
S 27	12 30 26	9°29'31	15° 2	23°24	18°56	23°10	5°39	8°14	19°25	29°41	2° 1	11°R39	13° 3	5°32	8°18	S 27
M28	12 34 22	10°28'02	28°17	23° 9	20°10	23°42	5°52	8°21	19°25	29°43	2° 0	11°38	13° 0	5°39	8°20	M28
T 29	12 38 19	11°26'31	11♒14	22°59	21°23	24°14	6° 5	8°28	19°25	29°45	1°59	11°35	12°56	5°45	8°23	T 29
W30	12 42 15	12°24'58	23°56	22°53	22°37	24°46	6°18	8°34	19°24	29°47	1°57	11°31	12°53	5°52	8°25	W30
T 31	12 46 12	13♈23'24	6♓24	22°D53	23♓50	25♊18	6♓31	8♓41	19♐24	29♈49	1♍56	11♏27	12♏50	5♉59	8♒28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s22	15s10	4n58	3n16	2n37	16s43	0s56	24n 8	2n 3	12s36	0s59	11s22	1s48	23s17	0s 7	9n25	1s51	24n56	15n27	15s53	16s16	13n28	12s53	5n59
W 2	5 59	11 49	5 5	3 42	2 47	16 22	0 58	24 12	2 3	12 31	0 59	11 19	1 48	23 17	0 7	9 25	1 51	24 56	15 27	15 51	16 16	13 29	12 52	5 59
T 3	5 35	7 59	4 56	4 4	2 56	16 1	1 0	24 16	2 2	12 26	1 0	11 16	1 48	23 17	0 7	9 26	1 50	24 57	15 27	15 47	16 15	13 31	12 51	5 59
F 4	5 12	3 52	4 32	4 22	3 5	15 39	1 2	24 19	2 2	12 21	1 0	11 14	1 49	23 17	0 7	9 27	1 50	24 57	15 27	15 44	16 14	13 32	12 50	6 0
S 5	4 49	0n22	3 57	4 36	3 12	15 17	1 4	24 23	2 1	12 16	1 0	11 11	1 49	23 17	0 7	9 27	1 50	24 58	15 27	15 41	16 13	13 34	12 49	6 0
S 6	4 26	4 31	3 10	4 46	3 18	14 55	1 6	24 26	2 1	12 11	1 0	11 8	1 49	23 17	0 7	9 28	1 50	24 58	15 27	15 39	16 12	13 35	12 47	6 0
M 7	4 2	8 26	2 16	4 51	3 23	14 32	1 8	24 30	2 0	12 6	1 0	11 6	1 49	23 17	0 7	9 29	1 50	24 59	15 27	15 37	16 11	13 37	12 46	6 0
T 8	3 39	11 59	1 16	4 53	3 26	14 9	1 9	24 33	2 0	12 1	1 0	11 3	1 49	23 17	0 7	9 29	1 50	24 59	15 26	15 36	16 10	13 38	12 45	6 1
W 9	3 15	15 2	0 13	4 50	3 28	13 45	1 11	24 36	1 59	11 56	1 0	11 1	1 49	23 17	0 7	9 30	1 50	25 0	15 26	15 35	16 9	13 40	12 44	6 1
T 10	2 52	17 27	0s50	4 43	3 28	13 21	1 13	24 39	1 59	11 51	1 0	10 58	1 49	23 18	0 7	9 31	1 50	25 0	15 26	15 36	16 8	13 41	12 43	6 1
F 11	2 28	19 8	1 52	4 32	3 26	12 57	1 14	24 42	1 59	11 46	1 0	10 55	1 49	23 18	0 7	9 31	1 50	25 1	15 26	15 36	16 7	13 43	12 42	6 1
S 12	2 5	19 58	2 49	4 18	3 23	12 32	1 16	24 45	1 58	11 41	1 1	10 53	1 49	23 18	0 7	9 32	1 50	25 1	15 26	15 36	16 6	13 44	12 41	6 2
S 13	1 41	19 54	3 40	3 59	3 19	12 7	1 17	24 48	1 58	11 36	1 1	10 50	1 49	23 18	0 7	9 33	1 50	25 2	15 26	15 36	16 5	13 45	12 40	6 2
M14	1 18	18 52	4 22	3 38	3 12	11 42	1 19	24 51	1 57	11 31	1 1	10 48	1 49	23 18	0 7	9 34	1 50	25 2	15 26	15 36	16 4	13 47	12 39	6 2
T 15	0 54	16 51	4 53	3 14	3 4	11 16	1 20	24 54	1 57	11 26	1 1	10 45	1 50	23 18	0 7	9 34	1 50	25 3	15 26	15 35	16 3	13 48	12 38	6 2
W16	0 30	13 53	5 8	2 48	2 54	10 50	1 21	24 56	1 56	11 22	1 1	10 42	1 50	23 18	0 7	9 35	1 50	25 3	15 25	15 34	16 2	13 50	12 36	6 3
T 17	0 7	10 4	5 7	2 19	2 43	10 24	1 22	24 59	1 56	11 17	1 1	10 40	1 50	23 18	0 7	9 36	1 50	25 3	15 25	15 32	16 1	13 51	12 35	6 3
F 18	0n17	5 35	4 47	1 49	2 31	9 57	1 23	25 1	1 55	11 12	1 1	10 37	1 50	23 18	0 7	9 37	1 50	25 4	15 25	15 30	16 0	13 53	12 34	6 3
S 19	0 40	0 39	4 8	1 18	2 18	9 30	1 24	25 3	1 55	11 7	1 1	10 35	1 50	23 18	0 7	9 37	1 50	25 4	15 25	15 28	15 59	13 54	12 33	6 4
S 20	1 4	4s25	3 12	0 47	2 3	9 3	1 25	25 5	1 54	11 2	1 1	10 32	1 50	23 18	0 7	9 38	1 50	25 4	15 25	15 26	15 58	13 56	12 32	6 4
M21	1 27	9 16	2 1	0 16	1 48	8 36	1 26	25 7	1 54	10 57	1 2	10 30	1 50	23 18	0 7	9 39	1 50	25 5	15 25	15 25	15 57	13 57	12 31	6 4
T 22	1 51	13 32	0 43	0s15	1 33	8 8	1 27	25 9	1 54	10 52	1 2	10 27	1 50	23 18	0 7	9 40	1 50	25 5	15 24	15 25	15 56	13 58	12 30	6 4
W23	2 14	16 52	0n38	0 45	1 16	7 40	1 28	25 11	1 53	10 47	1 2	10 25	1 51	23 18	0 7	9 40	1 50	25 5	15 24	15 25	15 55	14 0	12 29	6 5
T 24	2 37	19 3	1 56	1 13	1 0	7 12	1 29	25 12	1 53	10 43	1 2	10 22	1 51	23 18	0 7	9 41	1 50	25 6	15 24	15 25	15 55	14 1	12 28	6 5
F 25	3 1	19 58	3 4	1 40	0 44	6 44	1 29	25 14	1 52	10 38	1 2	10 20	1 51	23 18	0 7	9 42	1 50	25 6	15 24	15 26	15 54	14 3	12 27	6 5
S 26	3 24	19 36	3 59	2 5	0 27	6 16	1 30	25 15	1 52	10 33	1 2	10 17	1 51	23 18	0 7	9 43	1 50	25 6	15 23	15 26	15 53	14 4	12 26	6 6
S 27	3 47	18 7	4 40	2 28	0 11	5 47	1 30	25 17	1 51	10 28	1 2	10 15	1 51	23 18	0 7	9 43	1 50	25 6	15 23	15 26	15 52	14 5	12 25	6 6
M28	4 10	15 40	5 5	2 48	0s 4	5 19	1 31	25 18	1 51	10 24	1 3	10 13	1 51	23 18	0 7	9 44	1 50	25 7	15 23	15 26	15 51	14 7	12 24	6 6
T 29	4 33	12 30	5 13	3 6	0 20	4 50	1 31	25 19	1 50	10 19	1 3	10 10	1 51	23 18	0 7	9 45	1 50	25 7	15 23	15 25	15 50	14 8	12 23	6 7
W30	4 56	8 49	5 6	3 22	0 35	4 21	1 31	25 20	1 50	10 14	1 3	10 8	1 51	23 18	0 7	9 46	1 50	25 7	15 22	15 23	15 49	14 10	12 22	6 7
T 31	5n19	4s49	4n44	3s35	0s49	3s52	1s32	25n21	1n50	10s 9	1s 3	10s 6	1s52	23s18	0s 7	9n47	1s50	25n 7	15n22	15s22	15s48	14n11	12s21	6n 7

Julian Day Number = 1987384.5, Delta T = 56m26s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'17, Lahiri = 6°09'17 Julian Calendar 1 March 729 == Greg. Calendar 5 March 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

APRIL 729 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 50 8	14♈21'48	18♓41	22♓58	25♓ 4	25♊51	6♓44	8♓47	19°R23	29♈51	1°R55	11°R22	12♏47	6♉ 5	8♒30	F 1
S 2	12 54 5	15°20'10	0♈47	23° 8	26°17	26°23	6°57	8°54	19♐23	29°54	1♍54	11♏18	12°44	6°12	8°32	S 2
S 3	12 58 1	16°18'30	12°46	23°23	27°31	26°55	7°10	9° 0	19°22	29°56	1°53	11°14	12°40	6°19	8°35	S 3
M 4	13 1 58	17°16'49	24°39	23°42	28°44	27°28	7°22	9° 7	19°21	29°58	1°52	11°12	12°37	6°25	8°37	M 4
T 5	13 5 55	18°15'05	6♉27	24° 6	29°58	28° 0	7°35	9°13	19°20	0♉ 0	1°51	11°D11	12°34	6°32	8°39	T 5
W 6	13 9 51	19°13'20	18°14	24°34	1♈12	28°33	7°48	9°19	19°20	0° 2	1°50	11°11	12°31	6°38	8°41	W 6
T 7	13 13 48	20°11'33	0♊ 2	25° 6	2°25	29° 6	8° 0	9°26	19°19	0° 5	1°49	11°12	12°28	6°45	8°43	T 7
F 8	13 17 44	21° 9'44	11°53	25°42	3°39	29°38	8°13	9°32	19°18	0° 7	1°48	11°14	12°25	6°52	8°45	F 8
S 9	13 21 41	22° 7'52	23°53	26°22	4°52	0♋11	8°25	9°38	19°17	0° 9	1°47	11°15	12°21	6°58	8°47	S 9
S 10	13 25 37	23° 5'59	6♋ 5	27° 6	6° 6	0°44	8°37	9°44	19°16	0°11	1°46	11°16	12°18	7° 5	8°49	S 10
M11	13 29 34	24° 4'04	18°34	27°53	7°19	1°17	8°50	9°50	19°15	0°14	1°45	11°R17	12°15	7°12	8°51	M11
T 12	13 33 30	25° 2'07	1♌23	28°44	8°33	1°50	9° 2	9°56	19°14	0°16	1°45	11°17	12°12	7°18	8°53	T 12
W13	13 37 27	26° 0'08	14°37	29°38	9°46	2°23	9°14	10° 2	19°13	0°18	1°44	11°16	12° 9	7°25	8°55	W13
T 14	13 41 24	26°58'07	28°18	0♈35	11° 0	2°57	9°26	10° 8	19°12	0°20	1°43	11°15	12° 6	7°32	8°56	T 14
F 15	13 45 20	27°56'04	12♍26	1°35	12°13	3°30	9°38	10°14	19°11	0°23	1°42	11°13	12° 2	7°38	8°58	F 15
S 16	13 49 17	28°53'59	27° 0	2°38	13°27	4° 3	9°50	10°20	19° 9	0°25	1°42	11°12	11°59	7°45	8°59	S 16
S 17	13 53 13	29°51'52	11♎54	3°44	14°40	4°37	10° 1	10°25	19° 8	0°27	1°41	11°11	11°56	7°52	9° 1	S 17
M18	13 57 10	0♉49'43	27° 2	4°53	15°54	5°10	10°13	10°31	19° 7	0°29	1°40	11°10	11°53	7°58	9° 2	M18
T 19	14 1 6	1°47'33	12♏15	6° 4	17° 7	5°44	10°25	10°37	19° 6	0°32	1°40	11°D10	11°50	8° 5	9° 4	T 19
W20	14 5 3	2°45'22	27°22	7°18	18°21	6°18	10°36	10°42	19° 4	0°34	1°39	11°10	11°46	8°12	9° 5	W20
T 21	14 8 59	3°43'09	12♐15	8°34	19°34	6°51	10°48	10°47	19° 3	0°36	1°38	11°10	11°43	8°18	9° 6	T 21
F 22	14 12 56	4°40'55	26°48	9°53	20°48	7°25	10°59	10°53	19° 1	0°38	1°38	11°11	11°40	8°25	9° 7	F 22
S 23	14 16 53	5°38'40	10♑57	11°15	22° 1	7°59	11°10	10°58	19° 0	0°41	1°37	11°12	11°37	8°31	9° 9	S 23
S 24	14 20 49	6°36'23	24°40	12°38	23°15	8°33	11°21	11° 4	18°58	0°43	1°37	11°12	11°34	8°38	9°10	S 24
M25	14 24 46	7°34'06	7♒58	14° 4	24°28	9° 7	11°32	11° 9	18°57	0°45	1°36	11°R12	11°31	8°45	9°11	M25
T 26	14 28 42	8°31'47	20°53	15°33	25°42	9°41	11°43	11°14	18°55	0°47	1°36	11°12	11°27	8°51	9°12	T 26
W27	14 32 39	9°29'27	3♓28	17° 3	26°55	10°15	11°54	11°19	18°53	0°50	1°36	11°12	11°24	8°58	9°12	W27
T 28	14 36 35	10°27'06	15°47	18°36	28° 9	10°49	12° 5	11°24	18°52	0°52	1°35	11°12	11°21	9° 5	9°13	T 28
F 29	14 40 32	11°24'44	27°53	20°12	29°22	11°23	12°15	11°29	18°50	0°54	1°35	11°D12	11°18	9°11	9°14	F 29
S 30	14 44 28	12♉22'20	9♈50	21♈49	0♉36	11♋57	12♓26	11♓34	18♐48	0♉56	1♍35	11♏12	11♏15	9♉18	9♒15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n42	0s41	4n10	3s46	1s 2	3s22	1s32	25n21	1n49	10s 5	1s 3	10s 3	1s52	23s18	0s 7	9n47	1s50	25n 7	15n22	15s21	15s47	14n12	12s20	6n 8
S 2	6 5	3n26	3 24	3 54	1 15	2 53	1 32	25 22	1 49	10 0	1 3	10 1	1 52	23 18	0 7	9 48	1 50	25 7	15 22	15 19	15 46	14 14	12 19	6 8
S 3	6 27	7 23	2 30	3 59	1 27	2 24	1 32	25 22	1 48	9 55	1 3	9 59	1 52	23 18	0 7	9 49	1 50	25 8	15 21	15 18	15 45	14 15	12 19	6 8
M 4	6 50	11 0	1 30	4 2	1 39	1 54	1 32	25 22	1 48	9 51	1 4	9 56	1 52	23 18	0 8	9 50	1 50	25 8	15 21	15 17	15 44	14 17	12 18	6 9
T 5	7 12	14 10	0 26	4 2	1 49	1 25	1 32	25 22	1 47	9 46	1 4	9 54	1 52	23 18	0 8	9 51	1 50	25 8	15 21	15 17	15 43	14 18	12 17	6 9
W 6	7 34	16 45	0s39	4 0	1 59	0 55	1 31	25 22	1 47	9 41	1 4	9 52	1 53	23 18	0 8	9 51	1 49	25 8	15 21	15 17	15 42	14 19	12 16	6 9
T 7	7 57	18 38	1 42	3 55	2 8	0 25	1 31	25 22	1 46	9 37	1 4	9 50	1 53	23 18	0 8	9 52	1 49	25 8	15 20	15 17	15 41	14 21	12 15	6 10
F 8	8 19	19 42	2 42	3 48	2 17	0n 4	1 31	25 22	1 46	9 32	1 4	9 47	1 53	23 18	0 8	9 53	1 49	25 8	15 20	15 18	15 40	14 22	12 14	6 10
S 9	8 41	19 53	3 35	3 39	2 24	0 34	1 30	25 22	1 45	9 28	1 4	9 45	1 53	23 18	0 8	9 54	1 49	25 8	15 20	15 18	15 39	14 23	12 13	6 11
S 10	9 2	19 9	4 19	3 28	2 31	1 4	1 30	25 21	1 45	9 23	1 5	9 43	1 53	23 17	0 8	9 54	1 49	25 8	15 19	15 19	15 38	14 25	12 12	6 11
M11	9 24	17 29	4 52	3 15	2 37	1 33	1 29	25 20	1 45	9 19	1 5	9 41	1 53	23 17	0 8	9 55	1 49	25 8	15 19	15 19	15 37	14 26	12 12	6 11
T 12	9 45	14 54	5 12	2 59	2 43	2 3	1 29	25 19	1 44	9 14	1 5	9 39	1 54	23 17	0 8	9 56	1 49	25 8	15 19	15 19	15 36	14 28	12 11	6 12
W13	10 7	11 31	5 16	2 42	2 47	2 33	1 28	25 18	1 44	9 10	1 5	9 37	1 54	23 17	0 8	9 57	1 49	25 8	15 18	15 19	15 35	14 29	12 10	6 12
T 14	10 28	7 24	5 3	2 23	2 51	3 2	1 27	25 17	1 43	9 6	1 5	9 35	1 54	23 17	0 8	9 58	1 49	25 8	15 18	15 18	15 34	14 30	12 9	6 12
F 15	10 49	2 46	4 31	2 2	2 54	3 32	1 27	25 16	1 43	9 1	1 6	9 32	1 54	23 17	0 8	9 58	1 49	25 8	15 18	15 18	15 33	14 32	12 8	6 13
S 16	11 9	2s11	3 41	1 39	2 57	4 1	1 26	25 15	1 42	8 57	1 6	9 30	1 54	23 17	0 8	9 59	1 49	25 8	15 17	15 17	15 32	14 33	12 8	6 13
S 17	11 30	7 7	2 35	1 14	2 59	4 31	1 25	25 13	1 42	8 53	1 6	9 28	1 54	23 17	0 8	10 0	1 49	25 8	15 17	15 17	15 31	14 34	12 7	6 14
M18	11 50	11 42	1 18	0 48	3 0	5 0	1 24	25 11	1 41	8 48	1 6	9 26	1 55	23 17	0 8	10 1	1 49	25 8	15 17	15 17	15 30	14 36	12 6	6 14
T 19	12 11	15 31	0n 6	0 20	3 0	5 30	1 23	25 9	1 41	8 44	1 6	9 24	1 55	23 17	0 8	10 2	1 49	25 8	15 16	15 17	15 29	14 37	12 5	6 14
W20	12 31	18 16	1 29	0n10	3 0	5 59	1 22	25 7	1 41	8 40	1 7	9 23	1 55	23 17	0 8	10 2	1 49	25 8	15 16	15 17	15 28	14 38	12 5	6 15
T 21	12 50	19 42	2 44	0 41	2 59	6 28	1 21	25 5	1 40	8 36	1 7	9 21	1 55	23 17	0 8	10 3	1 49	25 8	15 15	15 17	15 27	14 40	12 4	6 15
F 22	13 10	19 46	3 48	1 13	2 58	6 57	1 19	25 3	1 40	8 32	1 7	9 19	1 55	23 16	0 8	10 4	1 49	25 7	15 15	15 17	15 26	14 41	12 3	6 16
S 23	13 30	18 35	4 35	1 47	2 56	7 25	1 18	25 1	1 39	8 28	1 7	9 17	1 56	23 16	0 8	10 5	1 49	25 7	15 15	15 17	15 25	14 42	12 3	6 16
S 24	13 49	16 20	5 5	2 22	2 53	7 54	1 17	24 58	1 39	8 23	1 7	9 15	1 56	23 16	0 8	10 6	1 49	25 7	15 14	15 17	15 24	14 44	12 2	6 16
M25	14 8	13 17	5 17	2 59	2 50	8 22	1 16	24 55	1 38	8 19	1 8	9 13	1 56	23 16	0 8	10 6	1 49	25 7	15 14	15 17	15 23	14 45	12 1	6 17
T 26	14 27	9 41	5 13	3 37	2 46	8 51	1 14	24 52	1 38	8 15	1 8	9 11	1 56	23 16	0 8	10 7	1 49	25 7	15 14	15 17	15 22	14 46	12 1	6 17
W27	14 45	5 44	4 54	4 16	2 41	9 19	1 13	24 49	1 37	8 11	1 8	9 10	1 56	23 16	0 8	10 8	1 49	25 7	15 13	15 17	15 21	14 47	12 0	6 17
T 28	15 3	1 37	4 22	4 56	2 36	9 47	1 11	24 46	1 37	8 7	1 8	9 8	1 57	23 16	0 8	10 9	1 49	25 6	15 13	15 17	15 20	14 49	12 0	6 18
F 29	15 21	2n29	3 38	5 37	2 31	10 14	1 10	24 43	1 36	8 4	1 8	9 6	1 57	23 16	0 8	10 9	1 49	25 6	15 12	15 17	15 19	14 50	11 59	6 18
S 30	15n39	6n28	2n46	6n19	2s25	10n42	1s 8	24n39	1n36	8s 0	1s 9	9s 5	1s57	23s15	0s 8	10n10	1s49	25n 6	15n12	15s17	15s18	14n51	11s58	6n19

Julian Day Number = 1987415.5, Delta T = 56m26s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'21, Lahiri = 6°09'22 Julian Calendar 1 Apr. 729 == Greg. Calendar 5 Apr. 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

MAY 729 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 48 25	13♉19'56	21♈41	23♈29	1♉49	12♋32	12♓36	11♓38	18°R46	0♉59	1°R34	11♏12	11♏12	9♉25	9♒15	S 1
M 2	14 52 21	14°17'30	3♉29	25°11	3° 3	13° 6	12°47	11°43	18♐44	1° 1	1♍34	11°12	11° 8	9°31	9°16	M 2
T 3	14 56 18	15°15'04	15°16	26°55	4°16	13°41	12°57	11°48	18°43	1° 3	1°34	11°R12	11° 5	9°38	9°16	T 3
W 4	15 0 15	16°12'36	27° 4	28°42	5°30	14°15	13° 7	11°52	18°41	1° 5	1°34	11°12	11° 2	9°45	9°17	W 4
T 5	15 4 11	17°10'07	8♊56	0♉30	6°43	14°50	13°17	11°57	18°39	1° 7	1°33	11°11	10°59	9°51	9°17	T 5
F 6	15 8 8	18° 7'37	20°54	2°21	7°57	15°24	13°27	12° 1	18°37	1°10	1°33	11°11	10°56	9°58	9°18	F 6
S 7	15 12 4	19° 5'05	3♋ 1	4°14	9°10	15°59	13°37	12° 6	18°35	1°12	1°33	11°10	10°52	10° 4	9°18	S 7
S 8	15 16 1	20° 2'32	15°19	6°10	10°24	16°34	13°46	12°10	18°33	1°14	1°33	11° 8	10°49	10°11	9°18	S 8
M 9	15 19 57	20°59'58	27°52	8° 7	11°37	17° 8	13°56	12°14	18°31	1°16	1°D33	11° 7	10°46	10°18	9°18	M 9
T 10	15 23 54	21°57'23	10♌42	10° 6	12°51	17°43	14° 5	12°18	18°29	1°18	1°33	11° 7	10°43	10°24	9°R18	T 10
W11	15 27 51	22°54'46	23°52	12° 8	14° 4	18°18	14°15	12°22	18°27	1°20	1°33	11°D 7	10°40	10°31	9°18	W11
T 12	15 31 47	23°52'08	7♍25	14°11	15°18	18°53	14°24	12°26	18°24	1°22	1°33	11° 7	10°37	10°38	9°18	T 12
F 13	15 35 44	24°49'29	21°22	16°16	16°31	19°28	14°33	12°30	18°22	1°25	1°33	11° 8	10°33	10°44	9°18	F 13
S 14	15 39 40	25°46'49	5♎43	18°23	17°45	20° 3	14°42	12°34	18°20	1°27	1°34	11° 9	10°30	10°51	9°18	S 14
S 15	15 43 37	26°44'08	20°25	20°31	18°58	20°38	14°50	12°37	18°18	1°29	1°34	11°10	10°27	10°58	9°18	S 15
M16	15 47 33	27°41'25	5♏23	22°40	20°12	21°13	14°59	12°41	18°16	1°31	1°34	11°R10	10°24	11° 4	9°17	M16
T 17	15 51 30	28°38'42	20°31	24°51	21°25	21°48	15° 8	12°44	18°13	1°33	1°34	11°10	10°21	11°11	9°17	T 17
W18	15 55 26	29°35'58	5♐39	27° 2	22°39	22°23	15°16	12°48	18°11	1°35	1°34	11° 9	10°17	11°18	9°16	W18
T 19	15 59 23	0♊33'13	20°39	29°13	23°53	22°59	15°24	12°51	18° 9	1°37	1°35	11° 7	10°14	11°24	9°16	T 19
F 20	16 3 20	1°30'28	5♑21	1♊25	25° 6	23°34	15°32	12°54	18° 7	1°39	1°35	11° 5	10°11	11°31	9°15	F 20
S 21	16 7 16	2°27'42	19°39	3°37	26°20	24° 9	15°40	12°58	18° 4	1°41	1°35	11° 2	10° 8	11°38	9°15	S 21
S 22	16 11 13	3°24'56	3♒31	5°48	27°33	24°45	15°48	13° 1	18° 2	1°43	1°36	11° 0	10° 5	11°44	9°14	S 22
M23	16 15 9	4°22'09	16°56	7°59	28°47	25°20	15°56	13° 4	18° 0	1°45	1°36	10°58	10° 2	11°51	9°13	M23
T 24	16 19 6	5°19'22	29°54	10°10	0♊ 0	25°56	16° 3	13° 7	17°57	1°47	1°37	10°D57	9°58	11°57	9°12	T 24
W25	16 23 2	6°16'35	12♓29	12°19	1°14	26°31	16°11	13° 9	17°55	1°49	1°37	10°57	9°55	12° 4	9°12	W25
T 26	16 26 59	7°13'47	24°45	14°26	2°28	27° 7	16°18	13°12	17°53	1°51	1°38	10°58	9°52	12°11	9°11	T 26
F 27	16 30 55	8°10'59	6♈48	16°33	3°41	27°42	16°25	13°15	17°50	1°53	1°38	10°59	9°49	12°17	9°10	F 27
S 28	16 34 52	9° 8'11	18°41	18°37	4°55	28°18	16°32	13°17	17°48	1°55	1°39	11° 1	9°46	12°24	9° 9	S 28
S 29	16 38 49	10° 5'23	0♉28	20°40	6° 8	28°54	16°39	13°20	17°45	1°56	1°39	11° 2	9°43	12°31	9° 8	S 29
M30	16 42 45	11° 2'35	12°14	22°42	7°22	29°29	16°46	13°22	17°43	1°58	1°40	11°R 3	9°39	12°37	9° 6	M30
T 31	16 46 42	11♊59'46	24♉ 3	24♊41	8♊36	0♌ 5	16♓52	13♓24	17♐41	2♉ 0	1♍41	11♏ 2	9♏36	12♉44	9♒ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n57	10n 9	1n46	7n 2	2s18	11n 9	1s 6	24n36	1n36	7s56	1s 9	9s 3	1s57	23s15	0s 8	10n11	1s49	25n 6	15n12	15s17	15s17	14n53	11s58	6n19
M 2	16 14	13 26	0 43	7 46	2 11	11 36	1 5	24 32	1 35	7 52	1 9	9 1	1 58	23 15	0 8	10 12	1 49	25 5	15 11	15 17	15 16	14 54	11 57	6 19
T 3	16 31	16 10	0s23	8 31	2 4	12 2	1 3	24 28	1 35	7 48	1 9	9 0	1 58	23 15	0 8	10 12	1 49	25 5	15 11	15 17	15 15	14 55	11 57	6 20
W 4	16 48	18 13	1 27	9 17	1 56	12 29	1 1	24 24	1 34	7 45	1 9	8 58	1 58	23 15	0 8	10 13	1 50	25 5	15 10	15 17	15 14	14 56	11 56	6 20
T 5	17 4	19 30	2 28	10 3	1 47	12 55	0 59	24 19	1 34	7 41	1 10	8 57	1 58	23 15	0 8	10 14	1 50	25 4	15 10	15 17	15 13	14 58	11 56	6 21
F 6	17 21	19 54	3 23	10 50	1 38	13 21	0 58	24 15	1 33	7 37	1 10	8 55	1 58	23 15	0 8	10 15	1 50	25 4	15 10	15 17	15 12	14 59	11 55	6 21
S 7	17 37	19 24	4 10	11 37	1 29	13 46	0 56	24 10	1 33	7 34	1 10	8 54	1 59	23 14	0 8	10 15	1 50	25 4	15 9	15 17	15 11	15 0	11 55	6 21
S 8	17 52	17 59	4 46	12 25	1 19	14 11	0 54	24 6	1 32	7 30	1 10	8 52	1 59	23 14	0 8	10 16	1 50	25 3	15 9	15 16	15 10	15 2	11 54	6 22
M 9	18 8	15 41	5 9	13 13	1 9	14 36	0 52	24 1	1 32	7 27	1 11	8 51	1 59	23 14	0 8	10 17	1 50	25 3	15 8	15 16	15 9	15 3	11 54	6 22
T 10	18 23	12 35	5 17	14 1	0 59	15 1	0 50	23 56	1 31	7 23	1 11	8 50	1 59	23 14	0 8	10 18	1 50	25 3	15 8	15 16	15 8	15 4	11 54	6 23
W11	18 38	8 47	5 9	14 48	0 49	15 25	0 48	23 51	1 31	7 20	1 11	8 48	2 0	23 14	0 8	10 18	1 50	25 2	15 7	15 16	15 7	15 5	11 53	6 23
T 12	18 52	4 26	4 45	15 36	0 38	15 48	0 46	23 45	1 31	7 17	1 11	8 47	2 0	23 14	0 8	10 19	1 50	25 2	15 7	15 16	15 6	15 7	11 53	6 23
F 13	19 6	0s16	4 2	16 23	0 27	16 12	0 43	23 40	1 30	7 13	1 12	8 46	2 0	23 13	0 8	10 20	1 50	25 1	15 7	15 16	15 5	15 8	11 53	6 24
S 14	19 20	5 6	3 4	17 9	0 17	16 35	0 41	23 34	1 30	7 10	1 12	8 44	2 0	23 13	0 8	10 20	1 50	25 1	15 6	15 16	15 4	15 9	11 52	6 24
S 15	19 34	9 46	1 53	17 54	0 6	16 57	0 39	23 28	1 29	7 7	1 12	8 43	2 1	23 13	0 8	10 21	1 50	25 0	15 6	15 17	15 3	15 10	11 52	6 25
M16	19 47	13 55	0 32	18 39	0n 5	17 19	0 37	23 23	1 29	7 4	1 12	8 42	2 1	23 13	0 8	10 22	1 50	25 0	15 5	15 17	15 2	15 12	11 52	6 25
T 17	20 0	17 10	0n52	19 21	0 15	17 41	0 35	23 17	1 28	7 1	1 13	8 41	2 1	23 13	0 8	10 23	1 50	25 0	15 5	15 17	15 1	15 13	11 51	6 25
W18	20 12	19 14	2 11	20 3	0 26	18 2	0 33	23 10	1 28	6 58	1 13	8 40	2 1	23 12	0 8	10 23	1 50	24 59	15 5	15 17	15 0	15 14	11 51	6 26
T 19	20 24	19 55	3 21	20 42	0 36	18 23	0 30	23 4	1 27	6 55	1 13	8 39	2 2	23 12	0 8	10 24	1 50	24 59	15 4	15 16	14 59	15 15	11 51	6 26
F 20	20 36	19 13	4 16	21 20	0 46	18 43	0 28	22 57	1 27	6 52	1 13	8 38	2 2	23 12	0 8	10 25	1 50	24 58	15 4	15 15	14 58	15 17	11 51	6 27
S 21	20 48	17 18	4 54	21 55	0 55	19 3	0 26	22 51	1 26	6 49	1 14	8 37	2 2	23 12	0 8	10 25	1 50	24 58	15 3	15 14	14 57	15 18	11 50	6 27
S 22	20 59	14 26	5 13	22 28	1 4	19 22	0 23	22 44	1 26	6 46	1 14	8 36	2 2	23 12	0 8	10 26	1 50	24 57	15 3	15 14	14 56	15 19	11 50	6 27
M23	21 10	10 53	5 14	22 58	1 12	19 41	0 21	22 37	1 26	6 43	1 14	8 35	2 3	23 11	0 8	10 27	1 50	24 56	15 2	15 13	14 55	15 20	11 50	6 28
T 24	21 20	6 56	4 58	23 26	1 20	19 59	0 19	22 30	1 25	6 41	1 14	8 34	2 3	23 11	0 8	10 27	1 50	24 56	15 2	15 13	14 54	15 21	11 50	6 28
W25	21 30	2 47	4 29	23 51	1 27	20 17	0 16	22 23	1 25	6 38	1 15	8 33	2 3	23 11	0 8	10 28	1 50	24 55	15 2	15 13	14 53	15 23	11 50	6 28
T 26	21 40	1n23	3 48	24 14	1 33	20 34	0 14	22 15	1 24	6 36	1 15	8 32	2 3	23 11	0 8	10 29	1 50	24 55	15 1	15 13	14 52	15 24	11 50	6 29
F 27	21 49	5 26	2 57	24 33	1 39	20 50	0 12	22 8	1 24	6 33	1 15	8 32	2 4	23 11	0 8	10 29	1 50	24 54	15 1	15 13	14 51	15 25	11 49	6 29
S 28	21 58	9 13	2 0	24 50	1 44	21 6	0 9	22 0	1 23	6 31	1 16	8 31	2 4	23 10	0 8	10 30	1 50	24 54	15 0	15 14	14 50	15 26	11 49	6 30
S 29	22 7	12 37	0 58	25 4	1 48	21 22	0 7	21 52	1 23	6 28	1 16	8 30	2 4	23 10	0 8	10 30	1 50	24 53	15 0	15 14	14 49	15 27	11 49	6 30
M30	22 15	15 31	0s 7	25 16	1 52	21 37	0 5	21 44	1 22	6 26	1 16	8 30	2 4	23 10	0 8	10 31	1 50	24 52	15 0	15 15	14 48	15 29	11 49	6 30
T 31	22n23	17n46	1s11	25n24	1n55	21n51	0s 2	21n36	1n22	6s23	1s16	8s29	2s 5	23s10	0s 8	10n32	1s50	24n52	14n59	15s14	14s47	15n30	11s49	6n31

Julian Day Number = 1987445.5, Delta T = 56m25s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'25, Lahiri = 6°09'26 Julian Calendar 1 May 729 == Greg. Calendar 5 May 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

JUNE 729 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 50 38	12♊56'57	5♊56	26♊38	9♊49	0♌41	16♓58	13♓26	17°R38	2♉ 2	1♍41	11°R 0	9♏33	12♉51	9°R 4	W 1
T 2	16 54 35	13°54'08	17°56	28°33	11° 3	1°17	17° 5	13°28	17♐36	2° 4	1°42	10♏56	9°30	12°57	9♒ 3	T 2
F 3	16 58 31	14°51'19	0♋ 6	0♋27	12°17	1°53	17°11	13°30	17°33	2° 5	1°43	10°51	9°27	13° 4	9° 1	F 3
S 4	17 2 28	15°48'29	12°25	2°18	13°30	2°29	17°16	13°32	17°31	2° 7	1°44	10°45	9°23	13°11	9° 0	S 4
S 5	17 6 24	16°45'39	24°56	4° 6	14°44	3° 5	17°22	13°34	17°28	2° 9	1°44	10°39	9°20	13°17	8°58	S 5
M 6	17 10 21	17°42'49	7♌40	5°53	15°58	3°41	17°28	13°36	17°26	2°11	1°45	10°33	9°17	13°24	8°57	M 6
T 7	17 14 18	18°39'58	20°38	7°38	17°11	4°17	17°33	13°37	17°24	2°12	1°46	10°29	9°14	13°30	8°55	T 7
W 8	17 18 14	19°37'07	3♍52	9°20	18°25	4°53	17°38	13°39	17°21	2°14	1°47	10°26	9°11	13°37	8°53	W 8
T 9	17 22 11	20°34'16	17°23	11° 0	19°39	5°30	17°43	13°40	17°19	2°16	1°48	10°D25	9° 8	13°44	8°52	T 9
F 10	17 26 7	21°31'24	1♎11	12°38	20°53	6° 6	17°48	13°41	17°16	2°17	1°49	10°25	9° 4	13°50	8°50	F 10
S 11	17 30 4	22°28'32	15°18	14°14	22° 6	6°42	17°53	13°42	17°14	2°19	1°50	10°26	9° 1	13°57	8°48	S 11
S 12	17 34 0	23°25'40	29°43	15°48	23°20	7°19	17°57	13°43	17°11	2°20	1°51	10°28	8°58	14° 4	8°46	S 12
M13	17 37 57	24°22'48	14♏23	17°19	24°34	7°55	18° 2	13°44	17° 9	2°22	1°52	10°R28	8°55	14°10	8°44	M13
T 14	17 41 53	25°19'55	29°13	18°49	25°47	8°31	18° 6	13°45	17° 7	2°24	1°53	10°27	8°52	14°17	8°42	T 14
W15	17 45 50	26°17'03	14♐ 8	20°16	27° 1	9° 8	18°10	13°46	17° 4	2°25	1°54	10°23	8°49	14°24	8°40	W15
T 16	17 49 47	27°14'11	28°58	21°40	28°15	9°44	18°14	13°47	17° 2	2°27	1°55	10°18	8°45	14°30	8°38	T 16
F 17	17 53 43	28°11'19	13♑36	23° 3	29°29	10°21	18°17	13°47	17° 0	2°28	1°56	10°11	8°42	14°37	8°36	F 17
S 18	17 57 40	29° 8'27	27°54	24°23	0♋43	10°57	18°21	13°48	16°57	2°29	1°58	10° 4	8°39	14°44	8°34	S 18
S 19	18 1 36	0♋ 5'36	11♒49	25°41	1°56	11°34	18°24	13°48	16°55	2°31	1°59	9°56	8°36	14°50	8°32	S 19
M20	18 5 33	1° 2'45	25°17	26°56	3°10	12°11	18°27	13°48	16°52	2°32	2° 0	9°50	8°33	14°57	8°30	M20
T 21	18 9 29	1°59'54	8♓18	28° 9	4°24	12°47	18°30	13°48	16°50	2°34	2° 1	9°45	8°29	15° 4	8°27	T 21
W22	18 13 26	2°57'05	20°55	29°19	5°38	13°24	18°33	13°R48	16°48	2°35	2° 3	9°43	8°26	15°10	8°25	W22
T 23	18 17 22	3°54'15	3♈13	0♌26	6°52	14° 1	18°35	13°48	16°46	2°36	2° 4	9°D42	8°23	15°17	8°23	T 23
F 24	18 21 19	4°51'27	15°15	1°31	8° 5	14°38	18°37	13°48	16°43	2°37	2° 5	9°42	8°20	15°23	8°20	F 24
S 25	18 25 16	5°48'40	27° 7	2°33	9°19	15°15	18°40	13°48	16°41	2°39	2° 7	9°43	8°17	15°30	8°18	S 25
S 26	18 29 12	6°45'53	8♉55	3°33	10°33	15°52	18°42	13°48	16°39	2°40	2° 8	9°R44	8°14	15°37	8°15	S 26
M27	18 33 9	7°43'07	20°42	4°29	11°47	16°29	18°43	13°47	16°36	2°41	2° 9	9°43	8°10	15°43	8°13	M27
T 28	18 37 5	8°40'21	2♊34	5°22	13° 1	17° 6	18°45	13°47	16°34	2°42	2°11	9°41	8° 7	15°50	8°10	T 28
W29	18 41 2	9°37'37	14°34	6°12	14°15	17°43	18°46	13°46	16°32	2°43	2°12	9°36	8° 4	15°57	8° 8	W29
T 30	18 44 58	10♋34'53	26♊45	6♌58	15♋29	18♌20	18♓47	13♓45	16♐30	2♉44	2♍14	9♏28	8♏ 1	16♉ 3	8♒ 5	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n30	19n16	2s12	25n30	1n57	22n 5	0n 0	21n28	1n21	6s21	1s17	8s28	2s 5	23s10	0s 8	10n32	1s50	24n51	14n59	15s14	14s46	15n31	11s49	6n31
T 2	22 37	19 55	3 8	25 34	1 58	22 18	0 3	21 19	1 21	6 19	1 17	8 28	2 5	23 9	0 8	10 33	1 50	24 50	14 58	15 12	14 45	15 32	11 49	6 31
F 3	22 44	19 40	3 56	25 35	1 59	22 30	0 5	21 11	1 21	6 17	1 17	8 27	2 5	23 9	0 8	10 33	1 50	24 50	14 58	15 11	14 44	15 33	11 49	6 32
S 4	22 50	18 28	4 34	25 34	1 59	22 42	0 7	21 2	1 20	6 15	1 18	8 27	2 6	23 9	0 8	10 34	1 50	24 49	14 58	15 9	14 43	15 34	11 49	6 32
S 5	22 56	16 22	5 0	25 31	1 58	22 53	0 10	20 53	1 20	6 13	1 18	8 26	2 6	23 9	0 8	10 34	1 50	24 49	14 57	15 7	14 42	15 36	11 49	6 32
M 6	23 2	13 28	5 11	25 25	1 57	23 3	0 12	20 44	1 19	6 11	1 18	8 26	2 6	23 8	0 8	10 35	1 50	24 48	14 57	15 5	14 41	15 37	11 49	6 33
T 7	23 7	9 52	5 6	25 18	1 55	23 13	0 14	20 35	1 19	6 9	1 18	8 26	2 7	23 8	0 8	10 36	1 51	24 47	14 56	15 4	14 40	15 38	11 50	6 33
W 8	23 12	5 43	4 46	25 8	1 53	23 22	0 17	20 26	1 18	6 7	1 19	8 25	2 7	23 8	0 8	10 36	1 51	24 46	14 56	15 3	14 39	15 39	11 50	6 33
T 9	23 16	1 12	4 9	24 57	1 49	23 31	0 19	20 17	1 18	6 6	1 19	8 25	2 7	23 8	0 8	10 37	1 51	24 46	14 56	15 3	14 38	15 40	11 50	6 34
F 10	23 20	3s29	3 17	24 45	1 45	23 38	0 21	20 7	1 17	6 4	1 19	8 25	2 7	23 8	0 8	10 37	1 51	24 45	14 55	15 3	14 37	15 41	11 50	6 34
S 11	23 23	8 6	2 12	24 30	1 41	23 45	0 24	19 58	1 17	6 3	1 20	8 25	2 8	23 7	0 8	10 38	1 51	24 44	14 55	15 3	14 36	15 43	11 50	6 34
S 12	23 26	12 21	0 58	24 15	1 36	23 52	0 26	19 48	1 16	6 1	1 20	8 24	2 8	23 7	0 8	10 38	1 51	24 44	14 54	15 3	14 35	15 44	11 50	6 35
M13	23 29	15 55	0n21	23 58	1 30	23 57	0 28	19 38	1 16	6 0	1 20	8 24	2 8	23 7	0 8	10 39	1 51	24 43	14 54	15 4	14 34	15 45	11 50	6 35
T 14	23 31	18 30	1 40	23 40	1 24	24 2	0 30	19 28	1 15	5 58	1 21	8 24	2 8	23 7	0 8	10 39	1 51	24 42	14 54	15 3	14 33	15 46	11 51	6 35
W15	23 33	19 48	2 52	23 20	1 18	24 7	0 33	19 18	1 15	5 57	1 21	8 24	2 9	23 6	0 8	10 40	1 51	24 41	14 53	15 2	14 32	15 47	11 51	6 35
T 16	23 34	19 44	3 52	23 0	1 10	24 10	0 35	19 8	1 14	5 56	1 21	8 24	2 9	23 6	0 8	10 40	1 51	24 41	14 53	15 0	14 31	15 48	11 51	6 36
F 17	23 35	18 20	4 36	22 39	1 3	24 13	0 37	18 57	1 14	5 55	1 22	8 24	2 9	23 6	0 8	10 40	1 51	24 40	14 53	14 58	14 30	15 49	11 51	6 36
S 18	23 36	15 48	5 1	22 17	0 55	24 15	0 39	18 47	1 13	5 54	1 22	8 24	2 9	23 6	0 8	10 41	1 51	24 39	14 52	14 56	14 29	15 51	11 52	6 36
S 19	23 36	12 26	5 8	21 54	0 46	24 16	0 41	18 36	1 13	5 53	1 22	8 24	2 10	23 6	0 8	10 41	1 51	24 38	14 52	14 54	14 28	15 52	11 52	6 37
M20	23 36	8 31	4 57	21 31	0 37	24 17	0 43	18 25	1 13	5 52	1 22	8 25	2 10	23 5	0 8	10 42	1 51	24 37	14 52	14 52	14 27	15 53	11 52	6 37
T 21	23 35	4 20	4 31	21 7	0 28	24 17	0 45	18 14	1 12	5 51	1 23	8 25	2 10	23 5	0 8	10 42	1 51	24 37	14 51	14 50	14 26	15 54	11 53	6 37
W22	23 34	0 4	3 52	20 43	0 18	24 16	0 47	18 3	1 12	5 50	1 23	8 25	2 11	23 5	0 8	10 43	1 51	24 36	14 51	14 49	14 25	15 55	11 53	6 37
T 23	23 33	4n 5	3 4	20 19	0 7	24 14	0 49	17 52	1 11	5 49	1 23	8 25	2 11	23 5	0 8	10 43	1 51	24 35	14 51	14 49	14 24	15 56	11 53	6 38
F 24	23 31	8 0	2 8	19 54	0s 3	24 12	0 51	17 41	1 11	5 49	1 24	8 26	2 11	23 4	0 8	10 43	1 51	24 34	14 50	14 49	14 23	15 57	11 54	6 38
S 25	23 28	11 34	1 7	19 29	0 14	24 9	0 53	17 29	1 10	5 48	1 24	8 26	2 11	23 4	0 8	10 44	1 51	24 33	14 50	14 50	14 22	15 58	11 54	6 38
S 26	23 26	14 38	0 4	19 4	0 26	24 5	0 55	17 18	1 10	5 48	1 24	8 26	2 12	23 4	0 9	10 44	1 51	24 33	14 50	14 50	14 21	15 59	11 55	6 38
M27	23 22	17 6	0s59	18 40	0 38	24 1	0 57	17 6	1 9	5 47	1 25	8 27	2 12	23 4	0 9	10 44	1 52	24 32	14 49	14 49	14 20	16 1	11 55	6 39
T 28	23 19	18 52	1 59	18 15	0 50	23 56	0 58	16 54	1 9	5 47	1 25	8 27	2 12	23 4	0 9	10 45	1 52	24 31	14 49	14 49	14 19	16 2	11 55	6 39
W29	23 15	19 48	2 55	17 51	1 2	23 50	1 0	16 43	1 8	5 47	1 25	8 28	2 12	23 3	0 9	10 45	1 52	24 30	14 49	14 47	14 18	16 3	11 56	6 39
T 30	23n11	19n50	3s44	17n27	1s14	23n43	1n 2	16n31	1n 8	5s47	1s26	8s28	2s13	23s 3	0s 9	10n45	1s52	24n29	14n48	14s45	14s16	16n 4	11s56	6n39

Julian Day Number = 1987476.5, Delta T = 56m24s
Ecliptic obliquity = 23°36'05, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'30, Lahiri = 6°09'30 Julian Calendar 1 June 729 == Greg. Calendar 5 June 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

JULY 729 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 48 55	11♋32'10	9♋ 8	7♌41	16♋43	18♌57	18♓48	13°R44	16°R28	2♉46	2♍15	9°R19	7♏58	16♉10	8°R 2	F 1
S 2	18 52 51	12°29'28	21°45	8°20	17°57	19°34	18°49	13♓43	16♐26	2°47	2°17	9♏ 8	7°55	16°17	8♒ 0	S 2
S 3	18 56 48	13°26'47	4♌34	8°56	19°11	20°11	18°50	13°42	16°24	2°48	2°18	8°57	7°51	16°23	7°57	S 3
M 4	19 0 45	14°24'06	17°37	9°27	20°25	20°49	18°50	13°41	16°22	2°49	2°20	8°47	7°48	16°30	7°54	M 4
T 5	19 4 41	15°21'25	0♍52	9°54	21°38	21°26	18°R50	13°40	16°20	2°50	2°22	8°38	7°45	16°37	7°51	T 5
W 6	19 8 38	16°18'45	14°18	10°17	22°52	22° 3	18°50	13°39	16°18	2°50	2°23	8°32	7°42	16°43	7°48	W 6
T 7	19 12 34	17°16'06	27°56	10°35	24° 6	22°41	18°50	13°37	16°16	2°51	2°25	8°28	7°39	16°50	7°46	T 7
F 8	19 16 31	18°13'28	11♎45	10°49	25°20	23°18	18°50	13°36	16°14	2°52	2°27	8°27	7°35	16°57	7°43	F 8
S 9	19 20 27	19°10'50	25°45	10°57	26°34	23°56	18°49	13°34	16°12	2°53	2°28	8°D27	7°32	17° 3	7°40	S 9
S 10	19 24 24	20° 8'12	9♏56	11°R 1	27°48	24°33	18°48	13°32	16°10	2°54	2°30	8°R27	7°29	17°10	7°37	S 10
M11	19 28 20	21° 5'36	24°17	10°59	29° 2	25°11	18°47	13°30	16° 8	2°55	2°32	8°26	7°26	17°16	7°34	M11
T 12	19 32 17	22° 3'00	8♐45	10°53	0♌16	25°49	18°46	13°28	16° 6	2°55	2°33	8°23	7°23	17°23	7°31	T 12
W13	19 36 14	23° 0'25	23°16	10°41	1°30	26°26	18°45	13°26	16° 4	2°56	2°35	8°18	7°20	17°30	7°28	W13
T 14	19 40 10	23°57'51	7♑45	10°23	2°44	27° 4	18°43	13°24	16° 3	2°57	2°37	8°10	7°16	17°36	7°25	T 14
F 15	19 44 7	24°55'18	22° 5	10° 1	3°58	27°42	18°41	13°22	16° 1	2°57	2°39	8° 0	7°13	17°43	7°22	F 15
S 16	19 48 3	25°52'46	6♒11	9°33	5°12	28°19	18°39	13°20	15°59	2°58	2°41	7°48	7°10	17°50	7°19	S 16
S 17	19 52 0	26°50'15	19°57	9° 1	6°27	28°57	18°37	13°17	15°58	2°59	2°42	7°37	7° 7	17°56	7°16	S 17
M18	19 55 56	27°47'46	3♓21	8°24	7°41	29°35	18°35	13°15	15°56	2°59	2°44	7°27	7° 4	18° 3	7°13	M18
T 19	19 59 53	28°45'18	16°20	7°43	8°55	0♍13	18°32	13°12	15°54	3° 0	2°46	7°19	7° 1	18°10	7°10	T 19
W20	20 3 50	29°42'51	28°57	6°59	10° 9	0°51	18°30	13°10	15°53	3° 0	2°48	7°14	6°57	18°16	7° 7	W20
T 21	20 7 46	0♌40'26	11♈15	6°12	11°23	1°29	18°27	13° 7	15°51	3° 1	2°50	7°10	6°54	18°23	7° 4	T 21
F 22	20 11 43	1°38'02	23°18	5°23	12°37	2° 7	18°24	13° 4	15°50	3° 1	2°52	7° 9	6°51	18°30	7° 1	F 22
S 23	20 15 39	2°35'40	5♉11	4°33	13°51	2°45	18°20	13° 1	15°48	3° 1	2°54	7° 9	6°48	18°36	6°57	S 23
S 24	20 19 36	3°33'19	16°59	3°43	15° 5	3°23	18°17	12°58	15°47	3° 2	2°56	7° 9	6°45	18°43	6°54	S 24
M25	20 23 32	4°31'00	28°48	2°53	16°19	4° 2	18°13	12°55	15°46	3° 2	2°58	7° 8	6°41	18°50	6°51	M25
T 26	20 27 29	5°28'43	10♊44	2° 5	17°33	4°40	18° 9	12°52	15°44	3° 2	3° 0	7° 4	6°38	18°56	6°48	T 26
W27	20 31 25	6°26'28	22°50	1°20	18°47	5°18	18° 5	12°49	15°43	3° 3	3° 2	6°59	6°35	19° 3	6°45	W27
T 28	20 35 22	7°24'14	5♋10	0°39	20° 1	5°56	18° 1	12°46	15°42	3° 3	3° 4	6°50	6°32	19° 9	6°42	T 28
F 29	20 39 19	8°22'01	17°46	0° 2	21°16	6°35	17°57	12°42	15°41	3° 3	3° 6	6°39	6°29	19°16	6°39	F 29
S 30	20 43 15	9°19'51	0♌40	29♋31	22°30	7°13	17°52	12°39	15°40	3° 3	3° 8	6°27	6°26	19°23	6°36	S 30
S 31	20 47 12	10♌17'42	13♌50	29♋ 5	23♌44	7♍52	17♓47	12♓35	15♐39	3♉ 3	3♍10	6♏14	6♏22	19♉29	6♒33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 6	18n55	4s23	17n 4	1s27	23n36	1n 4	16n19	1n 7	5s46	1s26	8s29	2s13	23s 3	0s 9	10n46	1s52	24n28	14n48	14s42	14s15	16n 5	11s57	6n39
S 2	23 1	17 4	4 50	16 41	1 40	23 28	1 5	16 6	1 7	5 46	1 26	8 29	2 13	23 3	0 9	10 46	1 52	24 28	14 48	14 38	14 14	16 6	11 57	6 39
S 3	22 55	14 21	5 2	16 20	1 53	23 19	1 7	15 54	1 6	5 46	1 27	8 30	2 14	23 3	0 9	10 46	1 52	24 27	14 47	14 35	14 13	16 7	11 58	6 40
M 4	22 49	10 54	5 0	15 59	2 6	23 10	1 8	15 42	1 6	5 47	1 27	8 31	2 14	23 2	0 9	10 47	1 52	24 26	14 47	14 31	14 12	16 8	11 58	6 40
T 5	22 43	6 52	4 41	15 39	2 20	23 0	1 10	15 29	1 5	5 47	1 27	8 31	2 14	23 2	0 9	10 47	1 52	24 25	14 47	14 29	14 11	16 9	11 59	6 40
W 6	22 36	2 26	4 7	15 20	2 33	22 49	1 11	15 16	1 5	5 47	1 28	8 32	2 14	23 2	0 9	10 47	1 52	24 24	14 47	14 27	14 10	16 10	11 59	6 40
T 7	22 29	2s12	3 18	15 2	2 46	22 37	1 12	15 4	1 4	5 48	1 28	8 33	2 15	23 2	0 9	10 47	1 52	24 23	14 46	14 25	14 9	16 11	12 0	6 40
F 8	22 21	6 46	2 17	14 46	2 59	22 25	1 14	14 51	1 4	5 48	1 28	8 34	2 15	23 2	0 9	10 48	1 52	24 22	14 46	14 25	14 8	16 12	12 1	6 40
S 9	22 13	11 3	1 7	14 32	3 12	22 12	1 15	14 38	1 3	5 48	1 28	8 35	2 15	23 1	0 9	10 48	1 52	24 22	14 46	14 25	14 7	16 13	12 1	6 41
S 10	22 5	14 46	0n 8	14 19	3 24	21 59	1 16	14 25	1 3	5 49	1 29	8 36	2 15	23 1	0 9	10 48	1 52	24 21	14 46	14 25	14 6	16 14	12 2	6 41
M11	21 56	17 38	1 23	14 7	3 36	21 45	1 17	14 12	1 2	5 50	1 29	8 37	2 16	23 1	0 9	10 48	1 52	24 20	14 45	14 25	14 5	16 16	12 2	6 41
T 12	21 47	19 23	2 33	13 58	3 48	21 30	1 18	13 58	1 2	5 51	1 29	8 38	2 16	23 1	0 9	10 49	1 52	24 19	14 45	14 24	14 4	16 17	12 3	6 41
W13	21 37	19 52	3 34	13 51	3 59	21 15	1 19	13 45	1 1	5 51	1 30	8 39	2 16	23 1	0 9	10 49	1 52	24 18	14 45	14 22	14 3	16 18	12 4	6 41
T 14	21 28	19 2	4 21	13 46	4 9	20 59	1 20	13 32	1 1	5 52	1 30	8 40	2 16	23 0	0 9	10 49	1 53	24 17	14 45	14 19	14 2	16 19	12 4	6 41
F 15	21 17	17 0	4 50	13 43	4 18	20 42	1 21	13 18	1 0	5 53	1 30	8 41	2 17	23 0	0 9	10 49	1 53	24 16	14 44	14 16	14 1	16 20	12 5	6 41
S 16	21 7	13 59	5 1	13 42	4 26	20 25	1 22	13 4	1 0	5 54	1 31	8 42	2 17	23 0	0 9	10 49	1 53	24 15	14 44	14 12	14 0	16 21	12 6	6 41
S 17	20 56	10 16	4 55	13 44	4 33	20 8	1 23	12 51	0 59	5 55	1 31	8 43	2 17	23 0	0 9	10 49	1 53	24 14	14 44	14 9	13 59	16 22	12 6	6 41
M18	20 45	6 8	4 32	13 48	4 38	19 49	1 24	12 37	0 59	5 57	1 31	8 44	2 17	23 0	0 9	10 49	1 53	24 14	14 44	14 5	13 58	16 23	12 7	6 41
T 19	20 33	1 49	3 55	13 55	4 43	19 30	1 24	12 23	0 58	5 58	1 32	8 45	2 18	23 0	0 9	10 50	1 53	24 13	14 43	14 3	13 57	16 24	12 8	6 41
W20	20 21	2n27	3 8	14 3	4 45	19 11	1 25	12 9	0 58	5 59	1 32	8 47	2 18	22 59	0 9	10 50	1 53	24 12	14 43	14 1	13 56	16 25	12 8	6 42
T 21	20 9	6 31	2 13	14 14	4 46	18 51	1 25	11 55	0 57	6 1	1 32	8 48	2 18	22 59	0 9	10 50	1 53	24 11	14 43	14 0	13 55	16 26	12 9	6 42
F 22	19 56	10 14	1 13	14 27	4 44	18 30	1 26	11 41	0 57	6 2	1 32	8 49	2 18	22 59	0 9	10 50	1 53	24 10	14 43	14 0	13 54	16 27	12 10	6 42
S 23	19 43	13 30	0 10	14 42	4 41	18 9	1 26	11 26	0 56	6 4	1 33	8 50	2 18	22 59	0 9	10 50	1 53	24 9	14 43	14 0	13 53	16 28	12 11	6 42
S 24	19 29	16 12	0s52	14 58	4 37	17 48	1 27	11 12	0 56	6 5	1 33	8 52	2 19	22 59	0 9	10 50	1 53	24 8	14 43	14 0	13 51	16 29	12 11	6 42
M25	19 16	18 12	1 52	15 16	4 30	17 26	1 27	10 57	0 55	6 7	1 33	8 53	2 19	22 59	0 9	10 50	1 53	24 7	14 42	13 59	13 50	16 30	12 12	6 42
T 26	19 2	19 26	2 48	15 35	4 21	17 3	1 27	10 43	0 55	6 9	1 34	8 55	2 19	22 59	0 9	10 50	1 53	24 6	14 42	13 58	13 49	16 31	12 13	6 42
W27	18 47	19 48	3 37	15 55	4 11	16 40	1 27	10 28	0 54	6 11	1 34	8 56	2 19	22 58	0 9	10 50	1 53	24 6	14 42	13 56	13 48	16 32	12 14	6 42
T 28	18 33	19 14	4 17	16 15	3 59	16 17	1 27	10 14	0 54	6 13	1 34	8 58	2 19	22 58	0 9	10 50	1 53	24 5	14 42	13 53	13 47	16 33	12 14	6 42
F 29	18 18	17 43	4 45	16 36	3 46	15 53	1 27	9 59	0 53	6 15	1 34	8 59	2 20	22 58	0 9	10 50	1 53	24 4	14 42	13 50	13 46	16 34	12 15	6 42
S 30	18 2	15 17	4 59	16 57	3 31	15 29	1 27	9 44	0 53	6 17	1 35	9 1	2 20	22 58	0 9	10 50	1 54	24 3	14 42	13 46	13 45	16 35	12 16	6 42
S 31	17n47	12n 2	4s58	17n17	3s16	15n 4	1n27	9n29	0n52	6s19	1s35	9s 2	2s20	22s58	0s 9	10n50	1s54	24n 2	14n42	13s41	13s44	16n36	12s17	6n41

Julian Day Number = 1987506.5, Delta T = 56m23s
Ecliptic obliquity = 23°36'04, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'34, Lahiri = 6°09'34 Julian Calendar 1 July 729 == Greg. Calendar 5 July 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

AUGUST 729 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 51 8	11♌15'34	27♌15	28°R47	24♌58	8♍30	17°R42	12°R32	15°R38	3♉ 3	3♍12	6°R 2	6♏19	19♉36	6°R30	M 1
T 2	20 55 5	12°13'28	10♍54	28♋35	26°12	9° 9	17♓37	12♓28	15♐37	3° 3	3°14	5♏52	6°16	19°43	6♒26	T 2
W 3	20 59 1	13°11'23	24°42	28°D32	27°26	9°47	17°32	12°24	15°36	3°R 3	3°16	5°45	6°13	19°49	6°23	W 3
T 4	21 2 58	14° 9'19	8♎37	28°36	28°40	10°26	17°27	12°21	15°35	3° 3	3°18	5°40	6°10	19°56	6°20	T 4
F 5	21 6 54	15° 7'17	22°37	28°48	29°54	11° 5	17°21	12°17	15°34	3° 3	3°20	5°38	6° 7	20° 3	6°17	F 5
S 6	21 10 51	16° 5'17	6♏41	29° 9	1♍ 9	11°43	17°15	12°13	15°33	3° 3	3°22	5°D38	6° 3	20° 9	6°14	S 6
S 7	21 14 47	17° 3'17	20°47	29°37	2°23	12°22	17°10	12° 9	15°32	3° 3	3°24	5°R38	6° 0	20°16	6°11	S 7
M 8	21 18 44	18° 1'20	4♐56	0♌14	3°37	13° 1	17° 4	12° 5	15°32	3° 3	3°26	5°37	5°57	20°23	6° 8	M 8
T 9	21 22 41	18°59'23	19° 5	0°58	4°51	13°40	16°58	12° 1	15°31	3° 3	3°29	5°34	5°54	20°29	6° 5	T 9
W10	21 26 37	19°57'28	3♑12	1°50	6° 5	14°19	16°51	11°57	15°30	3° 3	3°31	5°29	5°51	20°36	6° 2	W10
T 11	21 30 34	20°55'35	17°16	2°50	7°19	14°58	16°45	11°53	15°30	3° 2	3°33	5°21	5°47	20°43	5°59	T 11
F 12	21 34 30	21°53'43	1♒11	3°56	8°33	15°37	16°38	11°49	15°29	3° 2	3°35	5°10	5°44	20°49	5°56	F 12
S 13	21 38 27	22°51'53	14°54	5° 8	9°48	16°16	16°32	11°44	15°29	3° 2	3°37	4°59	5°41	20°56	5°53	S 13
S 14	21 42 23	23°50'05	28°22	6°27	11° 2	16°55	16°25	11°40	15°28	3° 1	3°39	4°48	5°38	21° 3	5°50	S 14
M15	21 46 20	24°48'18	11♓32	7°51	12°16	17°34	16°18	11°36	15°28	3° 1	3°41	4°37	5°35	21° 9	5°47	M15
T 16	21 50 16	25°46'33	24°22	9°21	13°30	18°13	16°11	11°31	15°28	3° 1	3°44	4°29	5°32	21°16	5°45	T 16
W17	21 54 13	26°44'51	6♈54	10°55	14°44	18°53	16° 4	11°27	15°27	3° 0	3°46	4°23	5°28	21°22	5°42	W17
T 18	21 58 10	27°43'10	19° 9	12°32	15°58	19°32	15°57	11°22	15°27	3° 0	3°48	4°20	5°25	21°29	5°39	T 18
F 19	22 2 6	28°41'31	1♉10	14°13	17°12	20°11	15°49	11°18	15°27	2°59	3°50	4°D19	5°22	21°36	5°36	F 19
S 20	22 6 3	29°39'55	13° 3	15°57	18°26	20°51	15°42	11°13	15°27	2°59	3°52	4°19	5°19	21°42	5°33	S 20
S 21	22 9 59	0♍38'21	24°51	17°44	19°40	21°30	15°35	11° 9	15°27	2°58	3°55	4°20	5°16	21°49	5°31	S 21
M22	22 13 56	1°36'49	6♊41	19°32	20°54	22°10	15°27	11° 4	15°D27	2°57	3°57	4°R20	5°12	21°56	5°28	M22
T 23	22 17 52	2°35'19	18°38	21°22	22° 9	22°49	15°19	11° 0	15°27	2°57	3°59	4°18	5° 9	22° 2	5°25	T 23
W24	22 21 49	3°33'52	0♋46	23°13	23°23	23°29	15°12	10°55	15°27	2°56	4° 1	4°15	5° 6	22° 9	5°23	W24
T 25	22 25 45	4°32'27	13°11	25° 4	24°37	24° 8	15° 4	10°51	15°27	2°56	4° 3	4° 9	5° 3	22°16	5°20	T 25
F 26	22 29 42	5°31'04	25°55	26°56	25°51	24°48	14°56	10°46	15°27	2°55	4° 6	4° 1	5° 0	22°22	5°18	F 26
S 27	22 33 39	6°29'43	9♌ 0	28°49	27° 5	25°28	14°48	10°41	15°27	2°54	4° 8	3°52	4°57	22°29	5°15	S 27
S 28	22 37 35	7°28'24	22°27	0♍41	28°19	26° 7	14°40	10°37	15°28	2°53	4°10	3°42	4°53	22°36	5°13	S 28
M29	22 41 32	8°27'07	6♍14	2°33	29°33	26°47	14°33	10°32	15°28	2°52	4°12	3°33	4°50	22°42	5°10	M29
T 30	22 45 28	9°25'52	20°16	4°25	0♎47	27°27	14°25	10°27	15°28	2°52	4°14	3°25	4°47	22°49	5° 8	T 30
W31	22 49 25	10♍24'40	4♎30	6♍17	2♎ 1	28♍ 7	14♓17	10♓23	15♐29	2♉51	4♍16	3♏19	4♏44	22♉56	5♒ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n31	8n 7	4s40	17n37	2s59	14n39	1n27	9n14	0n52	6s21	1s35	9s 4	2s20	22s58	0s 9	10n50	1s54	24n 1	14n41	13s37	13s43	16n37	12s18	6n41
T 2	17 15	3 43	4 7	17 56	2 42	14 13	1 27	8 59	0 51	6 23	1 35	9 5	2 20	22 58	0 9	10 50	1 54	24 0	14 41	13 34	13 42	16 38	12 18	6 41
W 3	16 58	0s55	3 19	18 14	2 25	13 48	1 26	8 44	0 51	6 25	1 36	9 7	2 21	22 58	0 9	10 50	1 54	23 59	14 41	13 32	13 41	16 39	12 19	6 41
T 4	16 42	5 33	2 18	18 31	2 7	13 21	1 26	8 29	0 50	6 28	1 36	9 8	2 21	22 58	0 9	10 50	1 54	23 58	14 41	13 30	13 40	16 40	12 20	6 41
F 5	16 25	9 55	1 8	18 46	1 49	12 55	1 25	8 14	0 50	6 30	1 36	9 10	2 21	22 57	0 9	10 50	1 54	23 58	14 41	13 29	13 39	16 41	12 21	6 41
S 6	16 7	13 45	0n 6	18 59	1 31	12 28	1 25	7 58	0 49	6 33	1 36	9 12	2 21	22 57	0 9	10 50	1 54	23 57	14 41	13 29	13 38	16 42	12 22	6 41
S 7	15 50	16 48	1 19	19 11	1 13	12 0	1 24	7 43	0 49	6 35	1 37	9 13	2 21	22 57	0 9	10 50	1 54	23 56	14 41	13 29	13 37	16 42	12 23	6 41
M 8	15 32	18 50	2 29	19 20	0 56	11 33	1 24	7 27	0 48	6 38	1 37	9 15	2 22	22 57	0 9	10 50	1 54	23 55	14 41	13 29	13 36	16 43	12 23	6 41
T 9	15 14	19 41	3 29	19 27	0 39	11 5	1 23	7 12	0 48	6 40	1 37	9 17	2 22	22 57	0 9	10 49	1 54	23 54	14 41	13 28	13 35	16 44	12 24	6 41
W10	14 56	19 18	4 16	19 31	0 23	10 37	1 22	6 56	0 47	6 43	1 37	9 19	2 22	22 57	0 9	10 49	1 54	23 53	14 41	13 26	13 34	16 45	12 25	6 41
T 11	14 37	17 44	4 47	19 32	0 8	10 8	1 21	6 41	0 47	6 46	1 37	9 20	2 22	22 57	0 9	10 49	1 54	23 52	14 41	13 23	13 32	16 46	12 26	6 40
F 12	14 18	15 8	5 1	19 31	0n 7	9 39	1 20	6 25	0 46	6 48	1 38	9 22	2 22	22 57	0 9	10 49	1 54	23 52	14 41	13 20	13 31	16 47	12 27	6 40
S 13	13 59	11 44	4 57	19 27	0 21	9 10	1 19	6 9	0 46	6 51	1 38	9 24	2 22	22 57	0 9	10 49	1 54	23 51	14 41	13 16	13 30	16 48	12 28	6 40
S 14	13 40	7 47	4 37	19 20	0 34	8 41	1 18	5 53	0 45	6 54	1 38	9 26	2 22	22 57	0 9	10 49	1 54	23 50	14 41	13 12	13 29	16 49	12 28	6 40
M15	13 21	3 33	4 2	19 10	0 45	8 12	1 17	5 38	0 45	6 57	1 38	9 27	2 23	22 57	0 9	10 48	1 55	23 49	14 41	13 9	13 28	16 50	12 29	6 40
T 16	13 1	0n44	3 16	18 56	0 56	7 42	1 16	5 22	0 44	7 0	1 38	9 29	2 23	22 57	0 9	10 48	1 55	23 48	14 41	13 6	13 27	16 51	12 30	6 40
W17	12 41	4 54	2 21	18 40	1 6	7 12	1 15	5 6	0 43	7 3	1 39	9 31	2 23	22 57	0 9	10 48	1 55	23 47	14 41	13 4	13 26	16 52	12 31	6 40
T 18	12 21	8 47	1 20	18 21	1 15	6 42	1 13	4 50	0 43	7 6	1 39	9 33	2 23	22 57	0 9	10 48	1 55	23 46	14 41	13 3	13 25	16 53	12 32	6 39
F 19	12 0	12 13	0 17	17 59	1 22	6 11	1 12	4 34	0 42	7 9	1 39	9 35	2 23	22 57	0 9	10 48	1 55	23 46	14 41	13 3	13 24	16 54	12 33	6 39
S 20	11 40	15 7	0s47	17 35	1 29	5 41	1 11	4 18	0 42	7 12	1 39	9 36	2 23	22 57	0 9	10 47	1 55	23 45	14 41	13 3	13 23	16 55	12 33	6 39
S 21	11 19	17 22	1 48	17 7	1 35	5 10	1 9	4 1	0 41	7 15	1 39	9 38	2 23	22 57	0 9	10 47	1 55	23 44	14 41	13 3	13 22	16 55	12 34	6 39
M22	10 58	18 53	2 44	16 38	1 39	4 40	1 7	3 45	0 41	7 18	1 39	9 40	2 23	22 57	0 9	10 47	1 55	23 43	14 41	13 3	13 21	16 56	12 35	6 39
T 23	10 37	19 33	3 34	16 6	1 43	4 9	1 6	3 29	0 40	7 21	1 39	9 42	2 23	22 57	0 9	10 47	1 55	23 42	14 41	13 2	13 20	16 57	12 36	6 38
W24	10 16	19 21	4 15	15 32	1 46	3 38	1 4	3 13	0 40	7 24	1 40	9 44	2 23	22 57	0 9	10 46	1 55	23 42	14 41	13 1	13 19	16 58	12 37	6 38
T 25	9 55	18 13	4 45	14 57	1 48	3 6	1 2	2 57	0 39	7 27	1 40	9 46	2 24	22 57	0 9	10 46	1 55	23 41	14 41	12 59	13 18	16 59	12 38	6 38
F 26	9 33	16 9	5 2	14 19	1 49	2 35	1 1	2 40	0 39	7 30	1 40	9 47	2 24	22 57	0 9	10 46	1 55	23 40	14 41	12 57	13 16	17 0	12 39	6 38
S 27	9 11	13 14	5 4	13 41	1 50	2 4	0 59	2 24	0 38	7 33	1 40	9 49	2 24	22 57	0 9	10 45	1 55	23 39	14 41	12 53	13 15	17 1	12 39	6 37
S 28	8 49	9 34	4 49	13 0	1 49	1 33	0 57	2 7	0 38	7 37	1 40	9 51	2 24	22 57	0 9	10 45	1 55	23 39	14 41	12 50	13 14	17 2	12 40	6 37
M29	8 27	5 18	4 18	12 19	1 49	1 1	0 55	1 51	0 37	7 40	1 40	9 53	2 24	22 57	0 9	10 45	1 55	23 38	14 41	12 47	13 13	17 3	12 41	6 37
T 30	8 5	0 40	3 30	11 37	1 47	0 30	0 53	1 35	0 36	7 43	1 40	9 55	2 24	22 57	0 9	10 44	1 55	23 37	14 41	12 44	13 12	17 3	12 42	6 37
W31	7n43	4s 4	2s28	10n54	1n45	0s 2	0n51	1n18	0n36	7s46	1s40	9s57	2s24	22s57	0s 9	10n44	1s55	23n36	14n41	12s42	13s11	17n 4	12s43	6n36

Julian Day Number = 1987537.5, Delta T = 56m23s
Ecliptic obliquity = 23°36'05, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'38, Lahiri = 6°09'38 Julian Calendar 1 Aug. 729 == Greg. Calendar 5 Aug. 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

SEPTEMBER 729 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 53 21	11♍23'29	18♎50	8♍ 8	3♎15	28♍47	14°R 9	10°R18	15♐29	2°R50	4♍19	3°R16	4♏41	23♉ 2	5°R 3	T 1
F 2	22 57 18	12°22'20	3♏12	9°58	4°29	29°27	14♓ 0	10♓13	15°30	2♉49	4°21	3°D15	4°38	23° 9	5♒ 1	F 2
S 3	23 1 14	13°21'13	17°31	11°47	5°44	0♎ 7	13°52	10° 9	15°31	2°48	4°23	3♏16	4°34	23°16	4°59	S 3
S 4	23 5 11	14°20'08	1♐46	13°36	6°58	0°47	13°44	10° 4	15°31	2°47	4°25	3°17	4°31	23°22	4°56	S 4
M 5	23 9 7	15°19'04	15°54	15°24	8°12	1°27	13°36	9°59	15°32	2°46	4°27	3°R18	4°28	23°29	4°54	M 5
T 6	23 13 4	16°18'03	29°53	17°11	9°26	2° 8	13°28	9°55	15°33	2°45	4°30	3°17	4°25	23°35	4°52	T 6
W 7	23 17 1	17°17'03	13♑44	18°57	10°40	2°48	13°20	9°50	15°33	2°44	4°32	3°14	4°22	23°42	4°50	W 7
T 8	23 20 57	18°16'05	27°25	20°42	11°54	3°28	13°12	9°46	15°34	2°43	4°34	3° 9	4°18	23°49	4°48	T 8
F 9	23 24 54	19°15'08	10♒55	22°26	13° 8	4° 9	13° 4	9°41	15°35	2°42	4°36	3° 3	4°15	23°55	4°46	F 9
S 10	23 28 50	20°14'14	24°13	24°10	14°22	4°49	12°56	9°36	15°36	2°41	4°38	2°55	4°12	24° 2	4°44	S 10
S 11	23 32 47	21°13'22	7♓17	25°53	15°36	5°30	12°49	9°32	15°37	2°39	4°40	2°48	4° 9	24° 9	4°43	S 11
M12	23 36 43	22°12'31	20° 7	27°35	16°50	6°10	12°41	9°27	15°38	2°38	4°42	2°41	4° 6	24°15	4°41	M12
T 13	23 40 40	23°11'43	2♈42	29°16	18° 4	6°51	12°33	9°23	15°39	2°37	4°44	2°36	4° 3	24°22	4°39	T 13
W14	23 44 36	24°10'57	15° 3	0♎56	19°17	7°31	12°25	9°18	15°41	2°36	4°47	2°33	3°59	24°29	4°37	W14
T 15	23 48 33	25°10'13	27°12	2°35	20°31	8°12	12°18	9°14	15°42	2°35	4°49	2°D31	3°56	24°35	4°36	T 15
F 16	23 52 30	26° 9'31	9♉10	4°14	21°45	8°53	12°10	9°10	15°43	2°33	4°51	2°31	3°53	24°42	4°34	F 16
S 17	23 56 26	27° 8'52	21° 1	5°52	22°59	9°33	12° 2	9° 5	15°44	2°32	4°53	2°32	3°50	24°49	4°33	S 17
S 18	0 0 23	28° 8'15	2♊48	7°29	24°13	10°14	11°55	9° 1	15°46	2°31	4°55	2°34	3°47	24°55	4°31	S 18
M19	0 4 19	29° 7'40	14°38	9° 5	25°27	10°55	11°48	8°57	15°47	2°29	4°57	2°36	3°43	25° 2	4°30	M19
T 20	0 8 16	0♎ 7'08	26°34	10°41	26°41	11°36	11°40	8°53	15°49	2°28	4°59	2°R37	3°40	25° 9	4°29	T 20
W21	0 12 12	1° 6'38	8♋41	12°16	27°55	12°17	11°33	8°48	15°50	2°27	5° 1	2°37	3°37	25°15	4°27	W21
T 22	0 16 9	2° 6'10	21° 4	13°50	29° 9	12°58	11°26	8°44	15°52	2°25	5° 3	2°35	3°34	25°22	4°26	T 22
F 23	0 20 5	3° 5'45	3♌49	15°24	0♏22	13°39	11°19	8°40	15°53	2°24	5° 5	2°32	3°31	25°29	4°25	F 23
S 24	0 24 2	4° 5'22	16°56	16°57	1°36	14°20	11°12	8°36	15°55	2°22	5° 7	2°28	3°28	25°35	4°24	S 24
S 25	0 27 59	5° 5'01	0♍29	18°29	2°50	15° 1	11° 6	8°32	15°56	2°21	5° 9	2°24	3°24	25°42	4°23	S 25
M26	0 31 55	6° 4'43	14°27	20° 1	4° 4	15°42	10°59	8°29	15°58	2°19	5°11	2°20	3°21	25°49	4°22	M26
T 27	0 35 52	7° 4'27	28°46	21°32	5°18	16°24	10°53	8°25	16° 0	2°18	5°13	2°17	3°18	25°55	4°21	T 27
W28	0 39 48	8° 4'12	13♎22	23° 2	6°32	17° 5	10°46	8°21	16° 2	2°16	5°15	2°14	3°15	26° 2	4°20	W28
T 29	0 43 45	9° 4'00	28° 7	24°32	7°45	17°46	10°40	8°17	16° 4	2°15	5°17	2°D13	3°12	26° 9	4°19	T 29
F 30	0 47 41	10♎ 3'50	12♏55	26♎ 1	8♏59	18♎28	10♓34	8♓14	16♐ 6	2♉13	5♍18	2♏14	3♏ 9	26♉15	4♒19	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7n20	8s37	1s17	10n10	1n42	0s33	0n49	1n 2	0n35	7s49	1s40	9s59	2s24	22s57	0s 9	10n44	1s55	23n36	14n41	12s41	13s10	17n 5	12s43	6n36	T 1
F 2	6 58	12 40	0 0	9 25	1 39	1 5	0 47	0 45	0 35	7 52	1 40	10 0	2 24	22 57	0 9	10 43	1 56	23 35	14 41	12 41	13 9	17 6	12 44	6 36	F 2
S 3	6 35	15 57	1n16	8 40	1 36	1 37	0 44	0 28	0 34	7 56	1 40	10 2	2 24	22 57	0 9	10 43	1 56	23 34	14 42	12 41	13 8	17 7	12 45	6 35	S 3
S 4	6 12	18 15	2 28	7 54	1 32	2 8	0 42	0 12	0 34	7 59	1 40	10 4	2 24	22 57	0 9	10 43	1 56	23 33	14 42	12 42	13 7	17 8	12 46	6 35	S 4
M 5	5 49	19 22	3 30	7 9	1 28	2 40	0 40	0s 5	0 33	8 2	1 40	10 6	2 24	22 57	0 9	10 42	1 56	23 33	14 42	12 42	13 6	17 9	12 47	6 35	M 5
T 6	5 26	19 18	4 18	6 22	1 23	3 11	0 38	0 21	0 33	8 5	1 40	10 8	2 24	22 57	0 9	10 42	1 56	23 32	14 42	12 41	13 5	17 9	12 47	6 35	T 6
W 7	5 3	18 3	4 51	5 36	1 18	3 42	0 35	0 38	0 32	8 8	1 40	10 9	2 24	22 57	0 9	10 41	1 56	23 31	14 42	12 40	13 4	17 10	12 48	6 34	W 7
T 8	4 40	15 48	5 7	4 50	1 13	4 14	0 33	0 55	0 31	8 11	1 40	10 11	2 24	22 58	0 9	10 41	1 56	23 31	14 42	12 39	13 3	17 11	12 49	6 34	T 8
F 9	4 17	12 42	5 6	4 3	1 8	4 45	0 30	1 11	0 31	8 14	1 40	10 13	2 24	22 58	0 9	10 41	1 56	23 30	14 42	12 37	13 1	17 12	12 50	6 34	F 9
S 10	3 54	9 1	4 48	3 17	1 2	5 16	0 28	1 28	0 30	8 17	1 40	10 15	2 24	22 58	0 9	10 40	1 56	23 29	14 43	12 34	13 0	17 13	12 50	6 33	S 10
S 11	3 30	4 57	4 15	2 31	0 56	5 47	0 25	1 44	0 30	8 20	1 40	10 16	2 24	22 58	0 9	10 40	1 56	23 29	14 43	12 32	12 59	17 14	12 51	6 33	S 11
M12	3 7	0 43	3 30	1 44	0 50	6 18	0 23	2 1	0 29	8 23	1 40	10 18	2 24	22 58	0 9	10 39	1 56	23 28	14 43	12 29	12 58	17 14	12 52	6 33	M12
T 13	2 43	3n27	2 35	0 58	0 44	6 49	0 20	2 18	0 29	8 26	1 40	10 20	2 24	22 58	0 9	10 39	1 56	23 27	14 43	12 27	12 57	17 15	12 53	6 32	T 13
W14	2 20	7 25	1 34	0 12	0 38	7 20	0 18	2 34	0 28	8 29	1 40	10 21	2 24	22 58	0 9	10 38	1 56	23 27	14 43	12 26	12 56	17 16	12 53	6 32	W14
T 15	1 56	11 0	0 29	0s33	0 31	7 50	0 15	2 51	0 28	8 32	1 40	10 23	2 24	22 58	0 9	10 38	1 56	23 26	14 44	12 26	12 55	17 17	12 54	6 32	T 15
F 16	1 32	14 4	0s36	1 19	0 25	8 21	0 12	3 8	0 27	8 35	1 40	10 25	2 24	22 59	0 9	10 37	1 56	23 26	14 44	12 26	12 54	17 18	12 55	6 31	F 16
S 17	1 8	16 32	1 39	2 4	0 18	8 51	0 10	3 24	0 26	8 38	1 40	10 26	2 24	22 59	0 9	10 37	1 56	23 25	14 44	12 26	12 53	17 18	12 56	6 31	S 17
S 18	0 45	18 17	2 38	2 49	0 11	9 21	0 7	3 41	0 26	8 41	1 40	10 28	2 24	22 59	0 9	10 36	1 56	23 24	14 44	12 27	12 52	17 19	12 56	6 30	S 18
M19	0 21	19 14	3 30	3 33	0 5	9 51	0 4	3 58	0 25	8 43	1 40	10 29	2 24	22 59	0 9	10 36	1 56	23 24	14 44	12 27	12 51	17 20	12 57	6 30	M19
T 20	0s 3	19 20	4 14	4 18	0s 2	10 20	0 1	4 14	0 25	8 46	1 40	10 31	2 24	22 59	0 9	10 35	1 56	23 23	14 45	12 28	12 50	17 21	12 58	6 30	T 20
W21	0 27	18 33	4 47	5 1	0 9	10 49	0s 1	4 31	0 24	8 49	1 40	10 32	2 24	22 59	0 9	10 35	1 56	23 23	14 45	12 28	12 48	17 22	12 58	6 29	W21
T 22	0 51	16 52	5 7	5 45	0 16	11 19	0 4	4 48	0 23	8 51	1 40	10 34	2 24	22 59	0 9	10 34	1 56	23 22	14 45	12 27	12 47	17 22	12 59	6 29	T 22
F 23	1 14	14 21	5 14	6 27	0 23	11 47	0 7	5 4	0 23	8 54	1 39	10 35	2 24	23 0	0 9	10 34	1 56	23 22	14 46	12 26	12 46	17 23	13 0	6 29	F 23
S 24	1 38	11 2	5 4	7 10	0 30	12 16	0 10	5 21	0 22	8 56	1 39	10 37	2 24	23 0	0 9	10 33	1 56	23 21	14 46	12 25	12 45	17 24	13 0	6 28	S 24
S 25	2 2	7 3	4 37	7 52	0 37	12 44	0 13	5 37	0 22	8 59	1 39	10 38	2 24	23 0	0 9	10 33	1 56	23 21	14 46	12 23	12 44	17 25	13 1	6 28	S 25
M26	2 26	2 35	3 53	8 33	0 44	13 12	0 16	5 54	0 21	9 1	1 39	10 40	2 23	23 0	0 9	10 32	1 57	23 20	14 46	12 22	12 43	17 26	13 1	6 27	M26
T 27	2 50	2s10	2 54	9 14	0 50	13 40	0 18	6 10	0 21	9 4	1 39	10 41	2 23	23 0	0 9	10 32	1 57	23 20	14 47	12 21	12 42	17 26	13 2	6 27	T 27
W28	3 13	6 53	1 42	9 54	0 57	14 7	0 21	6 27	0 20	9 6	1 39	10 42	2 23	23 1	0 9	10 31	1 57	23 19	14 47	12 20	12 41	17 27	13 3	6 27	W28
T 29	3 37	11 14	0 23	10 34	1 4	14 34	0 24	6 43	0 19	9 8	1 39	10 44	2 23	23 1	0 9	10 31	1 57	23 19	14 47	12 20	12 40	17 28	13 3	6 26	T 29
F 30	4s 1	14s53	0n59	11s13	1s11	15s 1	0s27	7s 0	0n19	9s10	1s38	10s45	2s23	23s 1	0s 9	10n30	1s57	23n18	14n48	12s20	12s39	17n29	13s 4	6n26	F 30

Julian Day Number = 1987568.5, Delta T = 56m22s
Ecliptic obliquity = 23°36'05, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'42, Lahiri = 6°09'43 Julian Calendar 1 Sept. 729 == Greg. Calendar 5 Sept. 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

OCTOBER 729 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 51 38	11♎ 3'42	27♏39	27♎30	10♏13	19♎ 9	10°R28	8°R10	16♐ 8	2°R12	5♍20	2♏15	3♏ 5	26♉22	4°R18	S 1
S 2	0 55 34	12° 3'35	12♐13	28°58	11°27	19°51	10♓23	8♓ 7	16°10	2♉10	5°22	2°16	3° 2	26°29	4♒17	S 2
M 3	0 59 31	13° 3'31	26°32	0♏25	12°40	20°33	10°17	8° 3	16°12	2° 9	5°24	2°17	2°59	26°35	4°17	M 3
T 4	1 3 27	14° 3'27	10♑35	1°52	13°54	21°14	10°12	8° 0	16°14	2° 7	5°26	2°R18	2°56	26°42	4°16	T 4
W 5	1 7 24	15° 3'26	24°21	3°18	15° 8	21°56	10° 6	7°57	16°16	2° 6	5°28	2°18	2°53	26°48	4°16	W 5
T 6	1 11 21	16° 3'26	7♒49	4°43	16°21	22°38	10° 1	7°54	16°18	2° 4	5°29	2°17	2°49	26°55	4°16	T 6
F 7	1 15 17	17° 3'28	21° 1	6° 7	17°35	23°19	9°56	7°50	16°20	2° 2	5°31	2°15	2°46	27° 2	4°15	F 7
S 8	1 19 14	18° 3'32	3♓57	7°31	18°49	24° 1	9°51	7°47	16°23	2° 1	5°33	2°13	2°43	27° 8	4°15	S 8
S 9	1 23 10	19° 3'37	16°39	8°54	20° 2	24°43	9°47	7°45	16°25	1°59	5°35	2°11	2°40	27°15	4°15	S 9
M10	1 27 7	20° 3'44	29° 9	10°15	21°16	25°25	9°43	7°42	16°27	1°57	5°36	2° 9	2°37	27°22	4°15	M10
T 11	1 31 3	21° 3'52	11♈27	11°36	22°30	26° 7	9°38	7°39	16°30	1°56	5°38	2° 8	2°34	27°28	4°D15	T 11
W12	1 35 0	22° 4'03	23°36	12°56	23°43	26°49	9°34	7°36	16°32	1°54	5°40	2° 7	2°30	27°35	4°15	W12
T 13	1 38 56	23° 4'15	5♉35	14°15	24°57	27°31	9°30	7°34	16°34	1°52	5°41	2°D 7	2°27	27°42	4°15	T 13
F 14	1 42 53	24° 4'30	17°29	15°32	26°10	28°13	9°27	7°31	16°37	1°51	5°43	2° 7	2°24	27°48	4°15	F 14
S 15	1 46 50	25° 4'46	29°18	16°48	27°24	28°55	9°23	7°29	16°39	1°49	5°45	2° 8	2°21	27°55	4°15	S 15
S 16	1 50 46	26° 5'04	11♊ 6	18° 3	28°37	29°38	9°20	7°27	16°42	1°47	5°46	2° 9	2°18	28° 2	4°16	S 16
M17	1 54 43	27° 5'25	22°55	19°15	29°51	0♏20	9°17	7°24	16°45	1°46	5°48	2° 9	2°15	28° 8	4°16	M17
T 18	1 58 39	28° 5'47	4♋51	20°26	1♐ 4	1° 2	9°14	7°22	16°47	1°44	5°49	2°10	2°11	28°15	4°17	T 18
W19	2 2 36	29° 6'11	16°57	21°34	2°17	1°45	9°11	7°20	16°50	1°42	5°51	2°10	2° 8	28°22	4°17	W19
T 20	2 6 32	0♏ 6'37	29°17	22°41	3°31	2°27	9° 9	7°18	16°53	1°41	5°52	2°R10	2° 5	28°28	4°18	T 20
F 21	2 10 29	1° 7'05	11♌56	23°44	4°44	3°10	9° 7	7°17	16°55	1°39	5°54	2°10	2° 2	28°35	4°18	F 21
S 22	2 14 25	2° 7'35	24°57	24°44	5°57	3°52	9° 4	7°15	16°58	1°37	5°55	2°D10	1°59	28°42	4°19	S 22
S 23	2 18 22	3° 8'07	8♍25	25°41	7°11	4°35	9° 3	7°13	17° 1	1°36	5°56	2°10	1°55	28°48	4°20	S 23
M24	2 22 19	4° 8'41	22°20	26°34	8°24	5°18	9° 1	7°12	17° 4	1°34	5°58	2°10	1°52	28°55	4°21	M24
T 25	2 26 15	5° 9'17	6♎40	27°23	9°37	6° 0	8°59	7°10	17° 7	1°32	5°59	2°11	1°49	29° 2	4°21	T 25
W26	2 30 12	6° 9'54	21°24	28° 6	10°51	6°43	8°58	7° 9	17°10	1°30	6° 0	2°11	1°46	29° 8	4°22	W26
T 27	2 34 8	7°10'33	6♏24	28°44	12° 4	7°26	8°57	7° 8	17°13	1°29	6° 2	2°R11	1°43	29°15	4°23	T 27
F 28	2 38 5	8°11'14	21°33	29°16	13°17	8° 9	8°56	7° 7	17°16	1°27	6° 3	2°11	1°40	29°22	4°24	F 28
S 29	2 42 1	9°11'56	6♐40	29°40	14°30	8°52	8°56	7° 6	17°19	1°25	6° 4	2°10	1°36	29°28	4°26	S 29
S 30	2 45 58	10°12'39	21°37	29°57	15°43	9°35	8°55	7° 5	17°22	1°24	6° 5	2° 9	1°33	29°35	4°27	S 30
M31	2 49 54	11♏13'24	6♑17	0°R 5	16♐56	10♏18	8♓55	7♓ 4	17♐25	1♉22	6♍ 6	2♏ 8	1♏30	29♉42	4♒28	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s24	17s34	2n16	11s51	1s17	15s27	0s30	7s16	0n18	9s12	1s38	10s46	2s23	23s 1	0s 9	10n30	1s57	23n18	14n48	12s20	12s38	17n29	13s 4	6n25
S 2	4 48	19 3	3 23	12 29	1 24	15 53	0 33	7 32	0 18	9 14	1 38	10 47	2 23	23 1	0 9	10 29	1 57	23 18	14 48	12 20	12 36	17 30	13 5	6 25
M 3	5 11	19 16	4 17	13 6	1 30	16 19	0 36	7 49	0 17	9 16	1 38	10 49	2 23	23 2	0 9	10 29	1 57	23 17	14 49	12 21	12 35	17 31	13 5	6 25
T 4	5 35	18 17	4 54	13 42	1 36	16 44	0 39	8 5	0 16	9 18	1 38	10 50	2 23	23 2	0 9	10 28	1 57	23 17	14 49	12 21	12 34	17 32	13 6	6 24
W 5	5 58	16 15	5 13	14 18	1 42	17 9	0 41	8 21	0 16	9 20	1 38	10 51	2 23	23 2	0 9	10 27	1 57	23 16	14 49	12 21	12 33	17 32	13 6	6 24
T 6	6 21	13 22	5 15	14 52	1 48	17 33	0 44	8 37	0 15	9 22	1 37	10 52	2 22	23 2	0 9	10 27	1 57	23 16	14 50	12 21	12 32	17 33	13 7	6 23
F 7	6 45	9 51	5 0	15 26	1 54	17 57	0 47	8 54	0 15	9 24	1 37	10 53	2 22	23 2	0 9	10 26	1 57	23 16	14 50	12 20	12 31	17 34	13 7	6 23
S 8	7 8	5 57	4 29	15 59	1 59	18 20	0 50	9 10	0 14	9 25	1 37	10 54	2 22	23 3	0 9	10 26	1 57	23 15	14 50	12 19	12 30	17 35	13 8	6 23
S 9	7 31	1 50	3 46	16 31	2 4	18 43	0 53	9 26	0 13	9 27	1 37	10 55	2 22	23 3	0 9	10 25	1 57	23 15	14 51	12 19	12 29	17 35	13 8	6 22
M10	7 54	2n18	2 53	17 2	2 9	19 6	0 56	9 42	0 13	9 28	1 37	10 56	2 22	23 3	0 9	10 24	1 57	23 15	14 51	12 18	12 28	17 36	13 9	6 22
T 11	8 16	6 17	1 52	17 33	2 14	19 27	0 58	9 58	0 12	9 30	1 36	10 57	2 22	23 3	0 9	10 24	1 57	23 15	14 51	12 18	12 27	17 37	13 9	6 21
W12	8 39	9 57	0 47	18 2	2 19	19 49	1 1	10 14	0 12	9 31	1 36	10 58	2 22	23 4	0 9	10 23	1 57	23 14	14 52	12 17	12 25	17 38	13 9	6 21
T 13	9 2	13 10	0s19	18 30	2 23	20 10	1 4	10 29	0 11	9 32	1 36	10 59	2 22	23 4	0 9	10 23	1 57	23 14	14 52	12 17	12 24	17 38	13 10	6 20
F 14	9 24	15 49	1 24	18 57	2 27	20 30	1 7	10 45	0 10	9 33	1 36	10 59	2 21	23 4	0 9	10 22	1 57	23 14	14 53	12 18	12 23	17 39	13 10	6 20
S 15	9 46	17 46	2 25	19 22	2 31	20 50	1 9	11 1	0 10	9 34	1 35	11 0	2 21	23 4	0 9	10 22	1 57	23 13	14 53	12 18	12 22	17 40	13 10	6 20
S 16	10 8	18 57	3 20	19 47	2 34	21 9	1 12	11 16	0 9	9 35	1 35	11 1	2 21	23 5	0 9	10 21	1 57	23 13	14 53	12 18	12 21	17 40	13 11	6 19
M17	10 30	19 18	4 7	20 10	2 36	21 28	1 14	11 32	0 9	9 36	1 35	11 2	2 21	23 5	0 9	10 20	1 57	23 13	14 54	12 18	12 20	17 41	13 11	6 19
T 18	10 52	18 48	4 43	20 31	2 39	21 46	1 17	11 47	0 8	9 37	1 35	11 2	2 21	23 5	0 9	10 20	1 57	23 13	14 54	12 18	12 19	17 42	13 11	6 18
W19	11 14	17 27	5 7	20 52	2 40	22 4	1 20	12 3	0 7	9 38	1 35	11 3	2 21	23 5	0 9	10 19	1 57	23 13	14 55	12 18	12 18	17 42	13 12	6 18
T 20	11 35	15 16	5 18	21 10	2 42	22 20	1 22	12 18	0 7	9 39	1 34	11 3	2 20	23 6	0 9	10 19	1 57	23 13	14 55	12 19	12 17	17 43	13 12	6 17
F 21	11 56	12 19	5 14	21 27	2 42	22 37	1 25	12 33	0 6	9 39	1 34	11 4	2 20	23 6	0 9	10 18	1 57	23 12	14 56	12 18	12 16	17 44	13 12	6 17
S 22	12 18	8 41	4 53	21 42	2 42	22 52	1 27	12 48	0 6	9 40	1 34	11 4	2 20	23 6	0 9	10 17	1 57	23 12	14 56	12 18	12 14	17 45	13 13	6 17
S 23	12 38	4 30	4 17	21 55	2 41	23 7	1 29	13 3	0 5	9 41	1 33	11 5	2 20	23 7	0 9	10 17	1 57	23 12	14 56	12 19	12 13	17 45	13 13	6 16
M24	12 59	0s 3	3 24	22 6	2 40	23 22	1 32	13 18	0 4	9 41	1 33	11 5	2 20	23 7	0 9	10 16	1 57	23 12	14 57	12 19	12 12	17 46	13 13	6 16
T 25	13 20	4 46	2 17	22 15	2 37	23 36	1 34	13 33	0 4	9 41	1 33	11 6	2 20	23 7	0 9	10 16	1 57	23 12	14 57	12 19	12 11	17 47	13 13	6 15
W26	13 40	9 19	1 0	22 22	2 34	23 49	1 36	13 48	0 3	9 41	1 33	11 6	2 19	23 7	0 9	10 15	1 57	23 12	14 58	12 19	12 10	17 47	13 13	6 15
T 27	14 0	13 23	0n23	22 26	2 29	24 1	1 38	14 3	0 3	9 42	1 32	11 6	2 19	23 8	0 9	10 15	1 57	23 12	14 58	12 19	12 9	17 48	13 14	6 15
F 28	14 20	16 34	1 46	22 28	2 24	24 13	1 41	14 17	0 2	9 42	1 32	11 6	2 19	23 8	0 9	10 14	1 57	23 12	14 59	12 19	12 8	17 49	13 14	6 14
S 29	14 39	18 36	3 0	22 27	2 17	24 24	1 43	14 32	0 1	9 42	1 32	11 7	2 19	23 8	0 9	10 13	1 57	23 12	14 59	12 18	12 7	17 49	13 14	6 14
S 30	14 59	19 19	4 2	22 22	2 9	24 34	1 45	14 46	0 1	9 42	1 32	11 7	2 19	23 9	0 9	10 13	1 57	23 12	15 0	12 18	12 6	17 50	13 14	6 13
M31	15s18	18s41	4n46	22s15	1s59	24s43	1s47	15s 0	0n 0	9s41	1s31	11s 7	2s19	23s 9	0s 9	10n12	1s57	23n12	15n 0	12s18	12s 5	17n51	13s14	6n13

Julian Day Number = 1987598.5, Delta T = 56m21s
Ecliptic obliquity = 23°36'05, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'46, Lahiri = 6°09'47 Julian Calendar 1 Oct. 729 == Greg. Calendar 5 Oct. 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

NOVEMBER 729 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 53 51	12♏14'09	20♑34	0°R 4	18♐10	11♏ 1	8°D55	7°R 3	17♐28	1°R20	6♍ 8	2°R 7	1♏27	29♉48	4♒29	T 1
W 2	2 57 48	13°14'56	4♒26	29♏53	19°23	11°44	8♓55	7♓ 3	17°31	1♉19	6° 9	2♏ 7	1°24	29°55	4°31	W 2
T 3	3 1 44	14°15'44	17°53	29°32	20°36	12°27	8°56	7° 2	17°34	1°17	6°10	2°D 7	1°20	0♊ 2	4°32	T 3
F 4	3 5 41	15°16'33	0♓58	28°59	21°49	13°10	8°56	7° 2	17°37	1°15	6°11	2° 7	1°17	0° 8	4°34	F 4
S 5	3 9 37	16°17'22	13°42	28°16	23° 1	13°54	8°57	7° 2	17°40	1°14	6°12	2° 8	1°14	0°15	4°35	S 5
S 6	3 13 34	17°18'13	26°10	27°22	24°14	14°37	8°58	7° 2	17°44	1°12	6°13	2° 9	1°11	0°22	4°37	S 6
M 7	3 17 30	18°19'05	8♈25	26°19	25°27	15°20	8°59	7°D 2	17°47	1°11	6°14	2°11	1° 8	0°28	4°39	M 7
T 8	3 21 27	19°19'57	20°29	25° 7	26°40	16° 4	9° 1	7° 2	17°50	1° 9	6°15	2°12	1° 5	0°35	4°41	T 8
W 9	3 25 23	20°20'51	2♉26	23°50	27°53	16°47	9° 2	7° 2	17°53	1° 7	6°16	2°R12	1° 1	0°42	4°42	W 9
T 10	3 29 20	21°21'46	14°18	22°28	29° 5	17°31	9° 4	7° 2	17°57	1° 6	6°16	2°12	0°58	0°48	4°44	T 10
F 11	3 33 17	22°22'42	26° 8	21° 5	0♑18	18°14	9° 6	7° 3	18° 0	1° 4	6°17	2°10	0°55	0°55	4°46	F 11
S 12	3 37 13	23°23'39	7♊57	19°44	1°31	18°58	9° 9	7° 3	18° 3	1° 3	6°18	2° 7	0°52	1° 2	4°48	S 12
S 13	3 41 10	24°24'37	19°47	18°27	2°43	19°42	9°11	7° 4	18° 7	1° 1	6°19	2° 4	0°49	1° 8	4°50	S 13
M14	3 45 6	25°25'36	1♋40	17°17	3°56	20°25	9°14	7° 5	18°10	1° 0	6°20	2° 0	0°46	1°15	4°52	M14
T 15	3 49 3	26°26'37	13°40	16°16	5° 8	21° 9	9°16	7° 5	18°14	0°58	6°20	1°56	0°42	1°22	4°54	T 15
W16	3 52 59	27°27'38	25°48	15°25	6°21	21°53	9°20	7° 6	18°17	0°57	6°21	1°52	0°39	1°28	4°57	W16
T 17	3 56 56	28°28'41	8♌ 8	14°45	7°33	22°37	9°23	7° 7	18°20	0°55	6°22	1°49	0°36	1°35	4°59	T 17
F 18	4 0 52	29°29'44	20°43	14°16	8°45	23°21	9°26	7° 9	18°24	0°54	6°22	1°47	0°33	1°42	5° 1	F 18
S 19	4 4 49	0♐30'49	3♍37	13°58	9°57	24° 5	9°30	7°10	18°27	0°52	6°23	1°D47	0°30	1°48	5° 4	S 19
S 20	4 8 46	1°31'55	16°54	13°D51	11°10	24°49	9°34	7°11	18°31	0°51	6°23	1°48	0°26	1°55	5° 6	S 20
M21	4 12 42	2°33'02	0♎37	13°55	12°22	25°33	9°38	7°13	18°34	0°50	6°24	1°49	0°23	2° 2	5° 9	M21
T 22	4 16 39	3°34'10	14°46	14° 8	13°34	26°17	9°42	7°14	18°38	0°48	6°24	1°51	0°20	2° 8	5°11	T 22
W23	4 20 35	4°35'18	29°20	14°29	14°46	27° 1	9°46	7°16	18°41	0°47	6°25	1°R52	0°17	2°15	5°14	W23
T 24	4 24 32	5°36'28	14♏17	14°59	15°58	27°45	9°51	7°18	18°45	0°45	6°25	1°51	0°14	2°22	5°16	T 24
F 25	4 28 28	6°37'38	29°28	15°36	17°10	28°29	9°56	7°20	18°48	0°44	6°26	1°49	0°11	2°28	5°19	F 25
S 26	4 32 25	7°38'49	14♐45	16°18	18°21	29°14	10° 1	7°22	18°52	0°43	6°26	1°45	0° 7	2°35	5°22	S 26
S 27	4 36 21	8°40'01	29°57	17° 7	19°33	29°58	10° 6	7°24	18°56	0°42	6°26	1°40	0° 4	2°42	5°25	S 27
M28	4 40 18	9°41'13	14♑54	18° 0	20°45	0♐42	10°11	7°26	18°59	0°40	6°26	1°34	0° 1	2°48	5°27	M28
T 29	4 44 15	10°42'25	29°27	18°58	21°56	1°27	10°17	7°28	19° 3	0°39	6°27	1°28	29♎58	2°55	5°30	T 29
W30	4 48 11	11♐43'37	13♒33	20♏ 0	23♑ 8	2♐11	10♓22	7♓31	19♐ 6	0♉38	6♍27	1♏23	29♎55	3♊ 2	5♒33	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s37	16s53	5n11	22s 4	1s48	24s52	1s49	15s14	0s 1	9s41	1s31	11s 7	2s18	23s 9	0s 9	10n12	1s57	23n12	15n 1	12s17	12s 3	17n51	13s14	6n12
W 2	15 55	14 9	5 17	21 49	1 35	25 0	1 50	15 29	0 1	9 41	1 31	11 7	2 18	23 9	0 9	10 11	1 57	23 12	15 1	12 17	12 2	17 52	13 14	6 12
T 3	16 14	10 43	5 6	21 30	1 21	25 8	1 52	15 42	0 2	9 40	1 31	11 7	2 18	23 10	0 9	10 11	1 57	23 12	15 2	12 17	12 1	17 52	13 14	6 12
F 4	16 32	6 52	4 38	21 8	1 5	25 14	1 54	15 56	0 2	9 40	1 30	11 7	2 18	23 10	0 9	10 10	1 57	23 12	15 2	12 17	12 0	17 53	13 14	6 11
S 5	16 49	2 48	3 58	20 41	0 48	25 20	1 55	16 10	0 3	9 39	1 30	11 7	2 18	23 10	0 9	10 9	1 57	23 12	15 3	12 18	11 59	17 54	13 14	6 11
S 6	17 7	1n19	3 7	20 11	0 29	25 25	1 57	16 23	0 4	9 39	1 30	11 7	2 17	23 11	0 9	10 9	1 57	23 12	15 3	12 18	11 58	17 54	13 14	6 10
M 7	17 24	5 19	2 8	19 37	0 10	25 30	1 59	16 37	0 4	9 38	1 29	11 7	2 17	23 11	0 9	10 8	1 57	23 12	15 4	12 19	11 57	17 55	13 14	6 10
T 8	17 41	9 3	1 4	19 0	0n11	25 33	2 0	16 50	0 5	9 37	1 29	11 6	2 17	23 11	0 9	10 8	1 57	23 12	15 4	12 19	11 56	17 56	13 14	6 10
W 9	17 57	12 23	0s 1	18 21	0 31	25 36	2 1	17 3	0 6	9 36	1 29	11 6	2 17	23 12	0 9	10 7	1 57	23 12	15 5	12 19	11 54	17 56	13 14	6 9
T 10	18 13	15 11	1 6	17 41	0 52	25 38	2 3	17 16	0 6	9 35	1 29	11 6	2 17	23 12	0 9	10 7	1 57	23 12	15 5	12 19	11 53	17 57	13 14	6 9
F 11	18 29	17 20	2 8	17 0	1 11	25 40	2 4	17 29	0 7	9 34	1 28	11 5	2 16	23 12	0 9	10 6	1 57	23 13	15 6	12 18	11 52	17 57	13 14	6 9
S 12	18 45	18 45	3 5	16 21	1 30	25 40	2 5	17 42	0 7	9 33	1 28	11 5	2 16	23 13	0 9	10 6	1 57	23 13	15 6	12 18	11 51	17 58	13 14	6 8
S 13	19 0	19 20	3 53	15 44	1 47	25 40	2 6	17 54	0 8	9 32	1 28	11 5	2 16	23 13	0 9	10 5	1 57	23 13	15 7	12 16	11 50	17 59	13 14	6 8
M14	19 15	19 4	4 32	15 10	2 2	25 39	2 7	18 7	0 9	9 31	1 28	11 4	2 16	23 13	0 9	10 5	1 56	23 13	15 7	12 15	11 49	17 59	13 14	6 7
T 15	19 29	17 57	4 58	14 40	2 14	25 38	2 8	18 19	0 9	9 29	1 27	11 4	2 16	23 13	0 9	10 4	1 56	23 13	15 8	12 13	11 48	18 0	13 14	6 7
W16	19 44	16 1	5 12	14 15	2 25	25 35	2 8	18 31	0 10	9 28	1 27	11 3	2 15	23 14	0 9	10 4	1 56	23 13	15 8	12 12	11 47	18 0	13 13	6 7
T 17	19 57	13 20	5 12	13 56	2 33	25 32	2 9	18 43	0 11	9 27	1 27	11 3	2 15	23 14	0 9	10 3	1 56	23 14	15 9	12 11	11 46	18 1	13 13	6 6
F 18	20 11	9 59	4 57	13 41	2 40	25 28	2 10	18 55	0 11	9 25	1 26	11 2	2 15	23 14	0 9	10 3	1 56	23 14	15 9	12 11	11 44	18 2	13 13	6 6
S 19	20 24	6 6	4 27	13 32	2 44	25 23	2 10	19 7	0 12	9 23	1 26	11 1	2 15	23 15	0 9	10 2	1 56	23 14	15 10	12 10	11 43	18 2	13 13	6 6
S 20	20 36	1 48	3 42	13 28	2 46	25 18	2 11	19 18	0 12	9 22	1 26	11 1	2 15	23 15	0 9	10 2	1 56	23 15	15 10	12 11	11 42	18 3	13 13	6 5
M21	20 49	2s44	2 43	13 28	2 47	25 12	2 11	19 29	0 13	9 20	1 26	11 0	2 14	23 15	0 9	10 1	1 56	23 15	15 11	12 11	11 41	18 3	13 12	6 5
T 22	21 1	7 16	1 32	13 32	2 46	25 5	2 11	19 40	0 14	9 18	1 25	10 59	2 14	23 16	0 9	10 1	1 56	23 15	15 12	12 12	11 40	18 4	13 12	6 4
W23	21 12	11 32	0 14	13 40	2 45	24 57	2 11	19 51	0 14	9 16	1 25	10 58	2 14	23 16	0 9	10 1	1 56	23 15	15 12	12 12	11 39	18 5	13 12	6 4
T 24	21 23	15 9	1n 7	13 52	2 42	24 49	2 11	20 2	0 15	9 14	1 25	10 57	2 14	23 16	0 9	10 0	1 56	23 16	15 13	12 12	11 38	18 5	13 12	6 4
F 25	21 34	17 49	2 25	14 6	2 38	24 40	2 11	20 13	0 16	9 12	1 25	10 56	2 14	23 17	0 9	10 0	1 56	23 16	15 13	12 11	11 37	18 6	13 11	6 3
S 26	21 44	19 12	3 33	14 23	2 33	24 30	2 11	20 23	0 16	9 10	1 24	10 56	2 13	23 17	0 9	9 59	1 56	23 17	15 14	12 10	11 35	18 6	13 11	6 3
S 27	21 54	19 11	4 25	14 42	2 28	24 19	2 11	20 33	0 17	9 8	1 24	10 55	2 13	23 17	0 9	9 59	1 56	23 17	15 14	12 8	11 34	18 7	13 11	6 3
M28	22 3	17 50	4 58	15 2	2 22	24 8	2 10	20 43	0 18	9 5	1 24	10 54	2 13	23 17	0 9	9 59	1 56	23 17	15 15	12 6	11 33	18 7	13 10	6 2
T 29	22 12	15 20	5 11	15 24	2 15	23 56	2 10	20 53	0 18	9 3	1 24	10 52	2 13	23 18	0 9	9 58	1 56	23 18	15 15	12 4	11 32	18 8	13 10	6 2
W30	22s21	12s 1	5n 4	15s48	2n 9	23s44	2s 9	21s 3	0s19	9s 1	1s23	10s51	2s13	23s18	0s 9	9n58	1s56	23n18	15n16	12s 2	11s31	18n 8	13s10	6n 2

Julian Day Number = 1987629.5, Delta T = 56m21s
Ecliptic obliquity = 23°36'04, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'50, Lahiri = 6°09'51 Julian Calendar 1 Nov. 729 == Greg. Calendar 5 Nov. 729

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ASTRODIENST EPHEMERIS for the year 729
geocentric

DECEMBER 729 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 52 8	12♐44'49	27♒ 9	21♏ 4	24♑19	2♐56	10♓28	7♓33	19♐10	0°R37	6♍27	1°R20	29♎52	3♊ 8	5♒36	T 1
F 2	4 56 4	13°46'02	10♓16	22°12	25°30	3°40	10°34	7°36	19°14	0♉36	6°27	1°D19	29°48	3°15	5°39	F 2
S 3	5 0 1	14°47'14	23° 0	23°23	26°42	4°25	10°41	7°39	19°17	0°35	6°27	1♏19	29°45	3°22	5°42	S 3
S 4	5 3 57	15°48'26	5♈23	24°35	27°53	5°10	10°47	7°42	19°21	0°33	6°27	1°20	29°42	3°28	5°46	S 4
M 5	5 7 54	16°49'38	17°30	25°50	29° 4	5°54	10°54	7°45	19°24	0°32	6°R27	1°22	29°39	3°35	5°49	M 5
T 6	5 11 50	17°50'50	29°27	27° 7	0♒14	6°39	11° 0	7°48	19°28	0°31	6°27	1°R23	29°36	3°42	5°52	T 6
W 7	5 15 47	18°52'02	11♉17	28°25	1°25	7°24	11° 7	7°51	19°32	0°30	6°27	1°22	29°32	3°48	5°55	W 7
T 8	5 19 44	19°53'14	23° 5	29°44	2°36	8° 9	11°14	7°54	19°35	0°29	6°27	1°19	29°29	3°55	5°58	T 8
F 9	5 23 40	20°54'26	4♊53	1♐ 5	3°46	8°53	11°21	7°57	19°39	0°28	6°27	1°14	29°26	4° 2	6° 2	F 9
S 10	5 27 37	21°55'38	16°44	2°27	4°57	9°38	11°29	8° 1	19°42	0°27	6°27	1° 7	29°23	4° 8	6° 5	S 10
S 11	5 31 33	22°56'50	28°40	3°50	6° 7	10°23	11°36	8° 4	19°46	0°27	6°27	0°57	29°20	4°15	6° 9	S 11
M12	5 35 30	23°58'02	10♋42	5°14	7°17	11° 8	11°44	8° 8	19°50	0°26	6°27	0°47	29°17	4°22	6°12	M12
T 13	5 39 26	24°59'14	22°51	6°39	8°27	11°53	11°52	8°12	19°53	0°25	6°26	0°36	29°13	4°28	6°16	T 13
W14	5 43 23	26° 0'26	5♌ 9	8° 4	9°37	12°38	12° 0	8°15	19°57	0°24	6°26	0°26	29°10	4°35	6°19	W14
T 15	5 47 19	27° 1'38	17°36	9°30	10°47	13°24	12° 8	8°19	20° 0	0°23	6°26	0°17	29° 7	4°42	6°23	T 15
F 16	5 51 16	28° 2'49	0♍16	10°57	11°57	14° 9	12°16	8°23	20° 4	0°23	6°26	0°11	29° 4	4°48	6°26	F 16
S 17	5 55 13	29° 4'01	13°11	12°25	13° 6	14°54	12°25	8°27	20° 8	0°22	6°25	0° 7	29° 1	4°55	6°30	S 17
S 18	5 59 9	0♑ 5'12	26°22	13°53	14°16	15°39	12°33	8°31	20°11	0°21	6°25	0°D 6	28°58	5° 2	6°33	S 18
M19	6 3 6	1° 6'24	9♎54	15°22	15°25	16°24	12°42	8°36	20°15	0°20	6°24	0° 6	28°54	5° 8	6°37	M19
T 20	6 7 2	2° 7'36	23°47	16°51	16°34	17°10	12°51	8°40	20°18	0°20	6°24	0°R 7	28°51	5°15	6°41	T 20
W21	6 10 59	3° 8'47	8♏ 4	18°21	17°43	17°55	13° 0	8°44	20°22	0°19	6°23	0° 7	28°48	5°22	6°45	W21
T 22	6 14 55	4° 9'58	22°42	19°52	18°51	18°41	13° 9	8°49	20°25	0°19	6°23	0° 5	28°45	5°28	6°48	T 22
F 23	6 18 52	5°11'09	7♐38	21°23	20° 0	19°26	13°18	8°53	20°29	0°18	6°22	0° 0	28°42	5°35	6°52	F 23
S 24	6 22 48	6°12'20	22°44	22°54	21° 8	20°11	13°28	8°58	20°32	0°18	6°22	29♎53	28°38	5°42	6°56	S 24
S 25	6 26 45	7°13'31	7♑52	24°26	22°17	20°57	13°37	9° 3	20°36	0°17	6°21	29°43	28°35	5°48	7° 0	S 25
M26	6 30 42	8°14'40	22°50	25°59	23°25	21°43	13°47	9° 8	20°39	0°17	6°20	29°32	28°32	5°55	7° 4	M26
T 27	6 34 38	9°15'49	7♒30	27°32	24°32	22°28	13°57	9°12	20°43	0°16	6°20	29°21	28°29	6° 2	7° 8	T 27
W28	6 38 35	10°16'57	21°44	29° 6	25°40	23°14	14° 7	9°17	20°46	0°16	6°19	29°12	28°26	6° 8	7°12	W28
T 29	6 42 31	11°18'04	5♓28	0♑40	26°47	23°59	14°17	9°22	20°50	0°16	6°18	29° 4	28°23	6°15	7°16	T 29
F 30	6 46 28	12°19'10	18°44	2°14	27°55	24°45	14°27	9°28	20°53	0°15	6°18	29° 0	28°19	6°22	7°20	F 30
S 31	6 50 24	13♑20'15	1♈32	3♑50	29♒ 2	25♐31	14♓37	9♓33	20♐57	0♉15	6♍17	28♎57	28♎16	6♊28	7♒24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s29	8s10	4n40	16s12	2n 2	23s30	2s 9	21s12	0s19	8s58	1s23	10s50	2s12	23s18	0s 9	9n57	1s56	23n19	15n16	12s 1	11s30	18n 9	13s 9	6n 2
F 2	22 36	4 2	4 2	16 36	1 54	23 17	2 8	21 21	0 20	8 56	1 23	10 49	2 12	23 19	0 9	9 57	1 56	23 19	15 17	12 1	11 29	18 10	13 9	6 1
S 3	22 44	0n 9	3 13	17 1	1 47	23 2	2 7	21 30	0 21	8 53	1 22	10 48	2 12	23 19	0 9	9 57	1 56	23 19	15 17	12 1	11 28	18 10	13 8	6 1
S 4	22 50	4 14	2 16	17 27	1 39	22 47	2 6	21 39	0 21	8 50	1 22	10 47	2 12	23 19	0 9	9 56	1 56	23 20	15 18	12 1	11 26	18 11	13 8	6 1
M 5	22 57	8 4	1 15	17 52	1 31	22 31	2 5	21 48	0 22	8 48	1 22	10 45	2 12	23 20	0 9	9 56	1 56	23 20	15 19	12 2	11 25	18 11	13 7	6 0
T 6	23 2	11 31	0 10	18 18	1 23	22 15	2 4	21 56	0 23	8 45	1 22	10 44	2 12	23 20	0 9	9 56	1 56	23 21	15 19	12 2	11 24	18 12	13 7	6 0
W 7	23 8	14 28	0s53	18 43	1 15	21 58	2 2	22 4	0 23	8 42	1 21	10 43	2 11	23 20	0 9	9 55	1 56	23 21	15 20	12 2	11 23	18 12	13 6	6 0
T 8	23 13	16 49	1 55	19 8	1 7	21 40	2 1	22 12	0 24	8 39	1 21	10 41	2 11	23 20	0 9	9 55	1 55	23 22	15 20	12 1	11 22	18 13	13 6	5 59
F 9	23 17	18 27	2 51	19 33	0 59	21 22	1 59	22 20	0 24	8 36	1 21	10 40	2 11	23 21	0 9	9 55	1 55	23 22	15 21	11 59	11 21	18 13	13 5	5 59
S 10	23 21	19 18	3 39	19 57	0 51	21 3	1 58	22 28	0 25	8 33	1 21	10 38	2 11	23 21	0 9	9 55	1 55	23 23	15 21	11 56	11 20	18 14	13 5	5 59
S 11	23 25	19 17	4 19	20 21	0 43	20 44	1 56	22 35	0 26	8 30	1 21	10 37	2 11	23 21	0 9	9 54	1 55	23 24	15 22	11 53	11 19	18 14	13 4	5 59
M12	23 28	18 24	4 47	20 44	0 35	20 24	1 54	22 42	0 26	8 27	1 20	10 35	2 10	23 22	0 9	9 54	1 55	23 24	15 22	11 49	11 17	18 15	13 4	5 58
T 13	23 30	16 41	5 3	21 7	0 28	20 4	1 52	22 49	0 27	8 23	1 20	10 34	2 10	23 22	0 9	9 54	1 55	23 25	15 23	11 46	11 16	18 15	13 3	5 58
W14	23 32	14 11	5 4	21 29	0 20	19 43	1 50	22 55	0 28	8 20	1 20	10 32	2 10	23 22	0 9	9 54	1 55	23 25	15 23	11 42	11 15	18 16	13 2	5 58
T 15	23 34	11 2	4 52	21 50	0 12	19 22	1 47	23 2	0 28	8 17	1 20	10 31	2 10	23 22	0 9	9 53	1 55	23 26	15 24	11 39	11 14	18 16	13 2	5 58
F 16	23 35	7 19	4 25	22 10	0 5	19 0	1 45	23 8	0 29	8 13	1 19	10 29	2 10	23 23	0 9	9 53	1 55	23 26	15 24	11 37	11 13	18 17	13 1	5 57
S 17	23 36	3 13	3 44	22 29	0s 3	18 38	1 43	23 14	0 29	8 10	1 19	10 27	2 10	23 23	0 9	9 53	1 55	23 27	15 25	11 35	11 12	18 17	13 0	5 57
S 18	23 36	1s 9	2 50	22 47	0 10	18 15	1 40	23 19	0 30	8 6	1 19	10 26	2 9	23 23	0 9	9 53	1 55	23 28	15 25	11 35	11 11	18 18	13 0	5 57
M19	23 36	5 34	1 46	23 5	0 17	17 52	1 37	23 25	0 31	8 3	1 19	10 24	2 9	23 24	0 9	9 53	1 55	23 28	15 26	11 35	11 10	18 18	12 59	5 57
T 20	23 35	9 49	0 34	23 21	0 24	17 29	1 35	23 30	0 31	7 59	1 18	10 22	2 9	23 24	0 9	9 52	1 55	23 29	15 26	11 35	11 8	18 19	12 58	5 56
W21	23 34	13 37	0n42	23 36	0 31	17 5	1 32	23 35	0 32	7 56	1 18	10 20	2 9	23 24	0 9	9 52	1 55	23 30	15 27	11 35	11 7	18 19	12 58	5 56
T 22	23 32	16 41	1 57	23 50	0 38	16 40	1 29	23 39	0 33	7 52	1 18	10 18	2 9	23 24	0 9	9 52	1 55	23 30	15 27	11 35	11 6	18 20	12 57	5 56
F 23	23 30	18 40	3 6	24 3	0 44	16 16	1 25	23 44	0 33	7 48	1 18	10 16	2 9	23 25	0 9	9 52	1 55	23 31	15 28	11 33	11 5	18 20	12 56	5 56
S 24	23 27	19 22	4 2	24 15	0 50	15 51	1 22	23 48	0 34	7 44	1 18	10 15	2 8	23 25	0 9	9 52	1 55	23 32	15 28	11 30	11 4	18 21	12 56	5 56
S 25	23 24	18 41	4 41	24 25	0 57	15 25	1 19	23 52	0 34	7 40	1 17	10 13	2 8	23 25	0 9	9 52	1 54	23 32	15 29	11 27	11 3	18 21	12 55	5 55
M26	23 21	16 43	5 0	24 35	1 2	14 59	1 15	23 55	0 35	7 36	1 17	10 11	2 8	23 25	0 9	9 52	1 54	23 33	15 29	11 23	11 2	18 21	12 54	5 55
T 27	23 16	13 42	5 0	24 43	1 8	14 33	1 12	23 59	0 36	7 32	1 17	10 9	2 8	23 26	0 9	9 52	1 54	23 34	15 30	11 19	11 0	18 22	12 53	5 55
W28	23 12	9 57	4 40	24 50	1 14	14 7	1 8	24 2	0 36	7 28	1 17	10 7	2 8	23 26	0 9	9 52	1 54	23 34	15 30	11 16	10 59	18 22	12 52	5 55
T 29	23 7	5 47	4 4	24 55	1 19	13 40	1 4	24 5	0 37	7 24	1 17	10 5	2 8	23 26	0 9	9 52	1 54	23 35	15 31	11 13	10 58	18 23	12 52	5 55
F 30	23 2	1 29	3 16	24 59	1 24	13 13	1 0	24 7	0 37	7 20	1 16	10 3	2 8	23 26	0 9	9 51	1 54	23 36	15 31	11 11	10 57	18 23	12 51	5 54
S 31	22s56	2n45	2n20	25s 1	1s29	12s46	0s56	24s10	0s38	7s16	1s16	10s 0	2s 7	23s27	0s 9	9n51	1s54	23n37	15n32	11s11	10s56	18n24	12s50	5n54

Julian Day Number = 1987659.5, Delta T = 56m20s
Ecliptic obliquity = 23°36'04, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'55, Lahiri = 6°09'55 Julian Calendar 1 Dec. 729 == Greg. Calendar 5 Dec. 729

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ASTRODIENST EPHEMERIS for the year 730
geocentric

JANUARY 730 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 54 21	14♉21'19	13♈58	5♉26	0♓ 8	26♐17	14♓47	9♓38	21♐ 0	0°R15	6°R16	28°D57	28♎13	6♊35	7♒28	S 1
M 2	6 58 18	15°22'21	26° 5	7° 2	1°15	27° 2	14°58	9°43	21° 3	0♉15	6♍15	28°R57	28°10	6°42	7°32	M 2
T 3	7 2 14	16°23'23	8♉ 1	8°39	2°21	27°48	15° 9	9°49	21° 7	0°15	6°14	28♎56	28° 7	6°48	7°36	T 3
W 4	7 6 11	17°24'23	19°50	10°17	3°27	28°34	15°19	9°54	21°10	0°14	6°13	28°55	28° 4	6°55	7°40	W 4
T 5	7 10 7	18°25'22	1♊37	11°55	4°33	29°20	15°30	10° 0	21°13	0°14	6°12	28°50	28° 0	7° 2	7°44	T 5
F 6	7 14 4	19°26'20	13°27	13°34	5°38	0♉ 6	15°41	10° 5	21°17	0°14	6°11	28°43	27°57	7° 9	7°48	F 6
S 7	7 18 0	20°27'17	25°22	15°14	6°43	0°52	15°52	10°11	21°20	0°D14	6°10	28°33	27°54	7°15	7°53	S 7
S 8	7 21 57	21°28'13	7♋25	16°55	7°48	1°38	16° 3	10°17	21°23	0°14	6° 9	28°21	27°51	7°22	7°57	S 8
M 9	7 25 53	22°29'07	19°38	18°36	8°53	2°24	16°15	10°23	21°26	0°14	6° 8	28° 7	27°48	7°29	8° 1	M 9
T 10	7 29 50	23°30'01	2♌ 1	20°17	9°57	3°10	16°26	10°29	21°30	0°15	6° 7	27°52	27°44	7°35	8° 5	T 10
W11	7 33 47	24°30'53	14°34	22° 0	11° 1	3°56	16°37	10°34	21°33	0°15	6° 6	27°38	27°41	7°42	8° 9	W11
T 12	7 37 43	25°31'44	27°18	23°43	12° 5	4°42	16°49	10°40	21°36	0°15	6° 5	27°27	27°38	7°49	8°13	T 12
F 13	7 41 40	26°32'33	10♍13	25°27	13° 8	5°28	17° 1	10°47	21°39	0°15	6° 4	27°18	27°35	7°55	8°18	F 13
S 14	7 45 36	27°33'22	23°19	27°12	14°11	6°14	17°12	10°53	21°42	0°15	6° 3	27°12	27°32	8° 2	8°22	S 14
S 15	7 49 33	28°34'10	6♎37	28°57	15°14	7° 0	17°24	10°59	21°45	0°15	6° 2	27° 9	27°29	8° 9	8°26	S 15
M16	7 53 29	29°34'57	20° 9	0♒44	16°16	7°47	17°36	11° 5	21°48	0°16	6° 0	27° 8	27°25	8°15	8°30	M16
T 17	7 57 26	0♒35'42	3♏56	2°31	17°18	8°33	17°48	11°11	21°51	0°16	5°59	27° 8	27°22	8°22	8°35	T 17
W18	8 1 22	1°36'27	17°59	4°18	18°19	9°19	18° 0	11°18	21°54	0°16	5°58	27° 7	27°19	8°29	8°39	W18
T 19	8 5 19	2°37'10	2♐17	6° 6	19°20	10° 5	18°12	11°24	21°57	0°17	5°57	27° 5	27°16	8°35	8°43	T 19
F 20	8 9 16	3°37'53	16°50	7°55	20°21	10°52	18°25	11°30	22° 0	0°17	5°55	27° 0	27°13	8°42	8°48	F 20
S 21	8 13 12	4°38'34	1♑32	9°45	21°21	11°38	18°37	11°37	22° 3	0°18	5°54	26°52	27°10	8°49	8°52	S 21
S 22	8 17 9	5°39'14	16°18	11°35	22°21	12°25	18°49	11°43	22° 6	0°18	5°53	26°42	27° 6	8°55	8°56	S 22
M23	8 21 5	6°39'53	0♒59	13°25	23°20	13°11	19° 2	11°50	22° 9	0°19	5°51	26°30	27° 3	9° 2	9° 0	M23
T 24	8 25 2	7°40'29	15°26	15°16	24°19	13°57	19°14	11°57	22°12	0°19	5°50	26°18	27° 0	9° 9	9° 5	T 24
W25	8 28 58	8°41'05	29°34	17° 7	25°17	14°44	19°27	12° 3	22°14	0°20	5°49	26° 7	26°57	9°15	9° 9	W25
T 26	8 32 55	9°41'38	13♓18	18°58	26°15	15°30	19°40	12°10	22°17	0°21	5°47	25°58	26°54	9°22	9°13	T 26
F 27	8 36 51	10°42'10	26°35	20°48	27°13	16°17	19°53	12°17	22°20	0°21	5°46	25°52	26°50	9°29	9°18	F 27
S 28	8 40 48	11°42'39	9♈27	22°38	28° 9	17° 3	20° 5	12°24	22°23	0°22	5°44	25°49	26°47	9°35	9°22	S 28
S 29	8 44 45	12°43'07	21°57	24°28	29° 6	17°50	20°18	12°30	22°25	0°23	5°43	25°D48	26°44	9°42	9°26	S 29
M30	8 48 41	13°43'33	4♉ 8	26°16	0♈ 1	18°36	20°31	12°37	22°28	0°24	5°42	25°48	26°41	9°49	9°31	M30
T 31	8 52 38	14♒43'57	16♉ 6	28♒ 3	0♈56	19♉23	20♓44	12♓44	22♐30	0♉24	5♍40	25°R48	26♎38	9♊56	9♒35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s49	6n45	1n19	25s 2	1s33	12s18	0s52	24s12	0s39	7s12	1s16	9s58	2s 7	23s27	0s 9	9n51	1s54	23n37	15n32	11s10	10s55	18n24	12s49	5n54
M 2	22 43	10 23	0 15	25 2	1 37	11 50	0 47	24 13	0 39	7 7	1 16	9 56	2 7	23 27	0 9	9 51	1 54	23 38	15 33	11 10	10 54	18 25	12 48	5 54
T 3	22 35	13 31	0s48	25 0	1 41	11 22	0 43	24 15	0 40	7 3	1 16	9 54	2 7	23 27	0 9	9 51	1 54	23 39	15 33	11 10	10 52	18 25	12 47	5 54
W 4	22 28	16 5	1 48	24 57	1 45	10 54	0 38	24 16	0 40	6 59	1 15	9 52	2 7	23 28	0 9	9 51	1 54	23 40	15 34	11 10	10 51	18 25	12 46	5 54
T 5	22 19	17 57	2 44	24 52	1 48	10 26	0 34	24 17	0 41	6 54	1 15	9 49	2 7	23 28	0 9	9 51	1 54	23 40	15 34	11 8	10 50	18 26	12 46	5 54
F 6	22 11	19 3	3 32	24 45	1 51	9 57	0 29	24 18	0 42	6 50	1 15	9 47	2 7	23 28	0 9	9 52	1 54	23 41	15 34	11 6	10 49	18 26	12 45	5 53
S 7	22 2	19 19	4 12	24 37	1 54	9 28	0 24	24 18	0 42	6 45	1 15	9 45	2 6	23 28	0 9	9 52	1 54	23 42	15 35	11 2	10 48	18 27	12 44	5 53
S 8	21 53	18 44	4 40	24 27	1 57	9 0	0 19	24 18	0 43	6 41	1 15	9 43	2 6	23 29	0 9	9 52	1 54	23 43	15 35	10 57	10 47	18 27	12 43	5 53
M 9	21 43	17 16	4 57	24 16	1 59	8 31	0 14	24 18	0 43	6 36	1 15	9 40	2 6	23 29	0 9	9 52	1 53	23 43	15 36	10 52	10 46	18 27	12 42	5 53
T 10	21 32	14 59	4 59	24 2	2 0	8 1	0 9	24 18	0 44	6 32	1 14	9 38	2 6	23 29	0 9	9 52	1 53	23 44	15 36	10 47	10 44	18 28	12 41	5 53
W11	21 22	12 0	4 47	23 47	2 2	7 32	0 3	24 17	0 45	6 27	1 14	9 36	2 6	23 29	0 9	9 52	1 53	23 45	15 36	10 42	10 43	18 28	12 40	5 53
T 12	21 11	8 24	4 21	23 31	2 3	7 3	0n 2	24 16	0 45	6 22	1 14	9 33	2 6	23 29	0 10	9 52	1 53	23 46	15 37	10 38	10 42	18 29	12 39	5 53
F 13	20 59	4 23	3 41	23 12	2 3	6 33	0 8	24 15	0 46	6 18	1 14	9 31	2 6	23 30	0 10	9 52	1 53	23 47	15 37	10 35	10 41	18 29	12 38	5 53
S 14	20 47	0 6	2 48	22 52	2 3	6 4	0 13	24 13	0 46	6 13	1 14	9 28	2 6	23 30	0 10	9 52	1 53	23 47	15 38	10 33	10 40	18 29	12 37	5 53
S 15	20 35	4s16	1 46	22 30	2 3	5 34	0 19	24 12	0 47	6 8	1 14	9 26	2 6	23 30	0 10	9 52	1 53	23 48	15 38	10 32	10 39	18 30	12 36	5 53
M16	20 23	8 30	0 37	22 7	2 2	5 4	0 25	24 10	0 47	6 3	1 13	9 23	2 5	23 30	0 10	9 53	1 53	23 49	15 38	10 31	10 38	18 30	12 35	5 52
T 17	20 10	12 21	0n36	21 41	2 0	4 35	0 31	24 7	0 48	5 59	1 13	9 21	2 5	23 30	0 10	9 53	1 53	23 50	15 39	10 31	10 36	18 31	12 34	5 52
W18	19 56	15 35	1 48	21 14	1 59	4 5	0 37	24 5	0 49	5 54	1 13	9 18	2 5	23 31	0 10	9 53	1 53	23 51	15 39	10 31	10 35	18 31	12 33	5 52
T 19	19 42	17 55	2 54	20 45	1 56	3 35	0 43	24 2	0 49	5 49	1 13	9 16	2 5	23 31	0 10	9 53	1 53	23 51	15 39	10 30	10 34	18 31	12 32	5 52
F 20	19 28	19 7	3 51	20 14	1 53	3 6	0 49	23 59	0 50	5 44	1 13	9 13	2 5	23 31	0 10	9 53	1 53	23 52	15 40	10 28	10 33	18 32	12 31	5 52
S 21	19 14	19 3	4 32	19 41	1 50	2 36	0 56	23 55	0 50	5 39	1 13	9 11	2 5	23 31	0 10	9 54	1 53	23 53	15 40	10 25	10 32	18 32	12 30	5 52
S 22	18 59	17 42	4 56	19 7	1 46	2 6	1 2	23 52	0 51	5 34	1 13	9 8	2 5	23 31	0 10	9 54	1 53	23 54	15 40	10 22	10 31	18 32	12 29	5 52
M23	18 44	15 12	5 0	18 31	1 41	1 37	1 8	23 48	0 51	5 29	1 12	9 5	2 5	23 32	0 10	9 54	1 53	23 55	15 41	10 17	10 29	18 33	12 28	5 52
T 24	18 28	11 47	4 44	17 53	1 36	1 7	1 15	23 43	0 52	5 24	1 12	9 3	2 5	23 32	0 10	9 54	1 52	23 55	15 41	10 13	10 28	18 33	12 27	5 52
W25	18 13	7 46	4 12	17 14	1 30	0 38	1 22	23 39	0 52	5 18	1 12	9 0	2 5	23 32	0 10	9 55	1 52	23 56	15 41	10 9	10 27	18 34	12 25	5 52
T 26	17 57	3 27	3 25	16 33	1 23	0 9	1 29	23 34	0 53	5 13	1 12	8 58	2 5	23 32	0 10	9 55	1 52	23 57	15 42	10 6	10 26	18 34	12 24	5 52
F 27	17 40	0n54	2 28	15 51	1 16	0n21	1 35	23 29	0 53	5 8	1 12	8 55	2 5	23 32	0 10	9 55	1 52	23 58	15 42	10 4	10 25	18 34	12 23	5 52
S 28	17 23	5 5	1 26	15 8	1 8	0 50	1 42	23 24	0 54	5 3	1 12	8 52	2 4	23 33	0 10	9 56	1 52	23 59	15 42	10 2	10 24	18 35	12 22	5 52
S 29	17 6	8 55	0 20	14 23	0 59	1 19	1 49	23 18	0 54	4 58	1 12	8 49	2 4	23 33	0 10	9 56	1 52	23 59	15 42	10 2	10 23	18 35	12 21	5 52
M30	16 49	12 17	0s44	13 37	0 50	1 47	1 57	23 12	0 55	4 52	1 11	8 47	2 4	23 33	0 10	9 56	1 52	24 0	15 43	10 2	10 21	18 35	12 20	5 52
T 31	16s31	15n 5	1s46	12s51	0s40	2n16	2n 4	23s 6	0s56	4s47	1s11	8s44	2s 4	23s33	0s10	9n57	1s52	24n 1	15n43	10s 2	10s20	18n36	12s19	5n52

Julian Day Number = 1987690.5, Delta T = 56m19s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°02'59, Lahiri = 6°09'59 Julian Calendar 1 Jan. 730 == Greg. Calendar 5 Jan. 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

FEBRUARY 730 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 56 34	15♒44'19	27♉57	29♒49	1♈51	20♋ 9	20♓58	12♓51	22♐33	0♉25	5°R39	25°R47	26♎35	10♊ 2	9♒39	W 1
T 2	9 0 31	16°44'39	9♊46	1♓32	2°44	20°56	21°11	12°58	22°35	0°26	5♏37	25♎45	26°31	10° 9	9°43	T 2
F 3	9 4 27	17°44'57	21°38	3°13	3°37	21°42	21°24	13° 5	22°38	0°27	5°36	25°39	26°28	10°16	9°48	F 3
S 4	9 8 24	18°45'13	3♋37	4°50	4°30	22°29	21°37	13°12	22°40	0°28	5°34	25°32	26°25	10°22	9°52	S 4
S 5	9 12 20	19°45'27	15°46	6°23	5°21	23°16	21°51	13°19	22°43	0°29	5°33	25°22	26°22	10°29	9°56	S 5
M 6	9 16 17	20°45'39	28° 9	7°53	6°12	24° 2	22° 4	13°27	22°45	0°30	5°31	25°10	26°19	10°36	10° 0	M 6
T 7	9 20 14	21°45'49	10♌45	9°17	7° 2	24°49	22°17	13°34	22°47	0°31	5°29	24°58	26°15	10°42	10° 5	T 7
W 8	9 24 10	22°45'57	23°37	10°36	7°51	25°36	22°31	13°41	22°49	0°32	5°28	24°47	26°12	10°49	10° 9	W 8
T 9	9 28 7	23°46'03	6♍41	11°48	8°39	26°22	22°45	13°48	22°52	0°33	5°26	24°37	26° 9	10°56	10°13	T 9
F 10	9 32 3	24°46'07	19°58	12°54	9°27	27° 9	22°58	13°55	22°54	0°34	5°25	24°30	26° 6	11° 2	10°17	F 10
S 11	9 36 0	25°46'09	3♎26	13°53	10°13	27°56	23°12	14° 3	22°56	0°35	5°23	24°26	26° 3	11° 9	10°21	S 11
S 12	9 39 56	26°46'10	17° 4	14°44	10°59	28°42	23°25	14°10	22°58	0°37	5°22	24°24	26° 0	11°16	10°26	S 12
M13	9 43 53	27°46'09	0♏50	15°27	11°43	29°29	23°39	14°17	23° 0	0°38	5°20	24°D23	25°56	11°22	10°30	M13
T 14	9 47 49	28°46'06	14°44	16° 1	12°27	0♒16	23°53	14°24	23° 2	0°39	5°18	24°24	25°53	11°29	10°34	T 14
W15	9 51 46	29°46'02	28°46	16°27	13° 9	1° 2	24° 7	14°32	23° 4	0°40	5°17	24°R25	25°50	11°36	10°38	W15
T 16	9 55 42	0♓45'56	12♐55	16°44	13°51	1°49	24°21	14°39	23° 6	0°42	5°15	24°24	25°47	11°42	10°42	T 16
F 17	9 59 39	1°45'48	27°10	16°R53	14°31	2°36	24°35	14°47	23° 8	0°43	5°14	24°22	25°44	11°49	10°46	F 17
S 18	10 3 36	2°45'38	11♋29	16°52	15°10	3°23	24°49	14°54	23° 9	0°44	5°12	24°17	25°41	11°56	10°50	S 18
S 19	10 7 32	3°45'27	25°46	16°43	15°48	4° 9	25° 3	15° 1	23°11	0°46	5°10	24°10	25°37	12° 3	10°54	S 19
M20	10 11 29	4°45'14	9♒59	16°26	16°24	4°56	25°17	15° 9	23°13	0°47	5° 9	24° 2	25°34	12° 9	10°58	M20
T 21	10 15 25	5°44'59	24° 1	16° 0	16°59	5°43	25°31	15°16	23°14	0°49	5° 7	23°54	25°31	12°16	11° 2	T 21
W22	10 19 22	6°44'42	7♓48	15°28	17°33	6°30	25°45	15°24	23°16	0°50	5° 5	23°46	25°28	12°23	11° 6	W22
T 23	10 23 18	7°44'23	21°17	14°50	18° 5	7°17	25°59	15°31	23°18	0°52	5° 4	23°40	25°25	12°29	11°10	T 23
F 24	10 27 15	8°44'01	4♈25	14° 6	18°36	8° 3	26°13	15°39	23°19	0°53	5° 2	23°36	25°21	12°36	11°14	F 24
S 25	10 31 11	9°43'38	17°13	13°18	19° 5	8°50	26°27	15°46	23°21	0°55	5° 1	23°34	25°18	12°43	11°18	S 25
S 26	10 35 8	10°43'12	29°42	12°27	19°33	9°37	26°41	15°54	23°22	0°56	4°59	23°D34	25°15	12°49	11°22	S 26
M27	10 39 5	11°42'44	11♉54	11°34	19°59	10°24	26°56	16° 1	23°23	0°58	4°57	23°35	25°12	12°56	11°26	M27
T 28	10 43 1	12♓42'14	23♉54	10♓39	20♈23	11♒10	27♓10	16♓ 9	23♐25	0♉59	4♏56	23♎37	25♎ 9	13♊ 3	11♒30	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s14	17n12	2s42	12s 4	0s29	2n44	2n11	23s 0	0s56	4s42	1s11	8s41	2s 4	23s33	0s10	9n57	1s52	24n 2	15n43	10s 2	10s19	18n36	12s18	5n52
T 2	15 55	18 35	3 31	11 17	0 18	3 13	2 18	22 53	0 57	4 37	1 11	8 39	2 4	23 33	0 10	9 57	1 52	24 3	15 43	10 1	10 18	18 36	12 17	5 52
F 3	15 37	19 9	4 12	10 29	0 6	3 41	2 26	22 47	0 57	4 31	1 11	8 36	2 4	23 33	0 10	9 58	1 52	24 3	15 44	9 59	10 17	18 37	12 15	5 52
S 4	15 18	18 52	4 41	9 42	0n 7	4 8	2 33	22 39	0 58	4 26	1 11	8 33	2 4	23 34	0 10	9 58	1 52	24 4	15 44	9 56	10 16	18 37	12 14	5 52
S 5	14 59	17 43	4 59	8 55	0 20	4 36	2 41	22 32	0 58	4 20	1 11	8 30	2 4	23 34	0 10	9 58	1 52	24 5	15 44	9 52	10 14	18 37	12 13	5 52
M 6	14 40	15 44	5 2	8 9	0 34	5 3	2 49	22 24	0 59	4 15	1 11	8 27	2 4	23 34	0 10	9 59	1 52	24 6	15 44	9 48	10 13	18 38	12 12	5 52
T 7	14 21	12 59	4 52	7 24	0 48	5 30	2 56	22 17	0 59	4 10	1 11	8 25	2 4	23 34	0 10	9 59	1 52	24 6	15 44	9 44	10 12	18 38	12 11	5 52
W 8	14 1	9 33	4 26	6 41	1 2	5 57	3 4	22 8	0 59	4 4	1 10	8 22	2 4	23 34	0 10	10 0	1 52	24 7	15 45	9 40	10 11	18 38	12 10	5 52
T 9	13 41	5 37	3 46	6 0	1 17	6 23	3 12	22 0	1 0	3 59	1 10	8 19	2 4	23 34	0 10	10 0	1 51	24 8	15 45	9 36	10 10	18 38	12 8	5 52
F 10	13 21	1 21	2 53	5 21	1 31	6 49	3 20	21 51	1 0	3 53	1 10	8 16	2 4	23 34	0 10	10 1	1 51	24 9	15 45	9 33	10 9	18 39	12 7	5 53
S 11	13 1	3s 3	1 50	4 45	1 46	7 15	3 28	21 43	1 1	3 48	1 10	8 13	2 4	23 35	0 10	10 1	1 51	24 10	15 45	9 32	10 8	18 39	12 6	5 53
S 12	12 40	7 21	0 39	4 12	2 0	7 41	3 36	21 34	1 1	3 42	1 10	8 10	2 4	23 35	0 10	10 2	1 51	24 10	15 45	9 31	10 6	18 39	12 5	5 53
M13	12 20	11 18	0n34	3 43	2 14	8 6	3 44	21 24	1 2	3 36	1 10	8 8	2 4	23 35	0 10	10 2	1 51	24 11	15 45	9 31	10 5	18 40	12 4	5 53
T 14	11 59	14 40	1 47	3 17	2 28	8 30	3 52	21 15	1 2	3 31	1 10	8 5	2 4	23 35	0 10	10 3	1 51	24 12	15 46	9 31	10 4	18 40	12 3	5 53
W15	11 38	17 12	2 54	2 55	2 41	8 54	4 0	21 5	1 3	3 25	1 10	8 2	2 4	23 35	0 10	10 3	1 51	24 12	15 46	9 32	10 3	18 40	12 1	5 53
T 16	11 17	18 42	3 50	2 37	2 53	9 18	4 8	20 55	1 3	3 20	1 10	7 59	2 4	23 35	0 10	10 4	1 51	24 13	15 46	9 31	10 2	18 40	12 0	5 53
F 17	10 55	19 1	4 33	2 24	3 4	9 41	4 16	20 45	1 4	3 14	1 10	7 56	2 4	23 35	0 10	10 4	1 51	24 14	15 46	9 30	10 1	18 41	11 59	5 53
S 18	10 34	18 8	4 59	2 15	3 14	10 4	4 24	20 34	1 4	3 8	1 10	7 53	2 4	23 35	0 10	10 5	1 51	24 15	15 46	9 28	9 59	18 41	11 58	5 53
S 19	10 12	16 7	5 7	2 11	3 22	10 26	4 32	20 23	1 4	3 3	1 10	7 50	2 4	23 36	0 10	10 5	1 51	24 15	15 46	9 26	9 58	18 41	11 57	5 53
M20	9 50	13 8	4 55	2 11	3 29	10 48	4 40	20 12	1 5	2 57	1 9	7 47	2 4	23 36	0 10	10 6	1 51	24 16	15 46	9 23	9 57	18 42	11 55	5 54
T 21	9 28	9 25	4 26	2 15	3 35	11 9	4 49	20 1	1 5	2 51	1 9	7 44	2 4	23 36	0 10	10 6	1 51	24 17	15 46	9 20	9 56	18 42	11 54	5 54
W22	9 6	5 17	3 41	2 24	3 39	11 30	4 57	19 50	1 6	2 46	1 9	7 41	2 4	23 36	0 10	10 7	1 51	24 17	15 46	9 17	9 55	18 42	11 53	5 54
T 23	8 43	0 57	2 45	2 37	3 41	11 50	5 5	19 38	1 6	2 40	1 9	7 39	2 4	23 36	0 10	10 7	1 51	24 18	15 46	9 15	9 54	18 42	11 52	5 54
F 24	8 21	3n19	1 42	2 54	3 41	12 9	5 13	19 27	1 6	2 34	1 9	7 36	2 4	23 36	0 10	10 8	1 51	24 19	15 46	9 13	9 52	18 43	11 51	5 54
S 25	7 58	7 20	0 34	3 14	3 39	12 28	5 21	19 15	1 7	2 29	1 9	7 33	2 4	23 36	0 10	10 8	1 51	24 19	15 46	9 13	9 51	18 43	11 50	5 54
S 26	7 36	10 55	0s33	3 37	3 35	12 46	5 29	19 3	1 7	2 23	1 9	7 30	2 4	23 36	0 10	10 9	1 51	24 20	15 46	9 13	9 50	18 43	11 48	5 54
M27	7 13	13 57	1 38	4 3	3 29	13 3	5 37	18 50	1 8	2 17	1 9	7 27	2 4	23 36	0 10	10 10	1 50	24 20	15 46	9 13	9 49	18 43	11 47	5 55
T 28	6s50	16n20	2s37	4s30	3n22	13n19	5n44	18s38	1s 8	2s11	1s 9	7s24	2s 4	23s36	0s10	10n10	1s50	24n21	15n46	9s14	9s48	18n43	11s46	5n55

Julian Day Number = 1987721.5, Delta T = 56m18s
Ecliptic obliquity = 23°36'04, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'03, Lahiri = 6°10'04 Julian Calendar 1 Feb. 730 == Greg. Calendar 5 Feb. 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

MARCH 730 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 46 58	13♓41'41	5♊47	9°R45	20♈46	11♒57	27♓24	16♓16	23♐26	1♉ 1	4°R54	23♎38	25♎ 6	13♊ 9	11♒33	W 1
T 2	10 50 54	14°41'06	17°38	8♓53	21° 6	12°44	27°38	16°24	23°27	1° 3	4♏53	23°R39	25° 2	13°16	11°37	T 2
F 3	10 54 51	15°40'28	29°31	8° 2	21°25	13°31	27°53	16°31	23°28	1° 4	4°51	23°37	24°59	13°23	11°41	F 3
S 4	10 58 47	16°39'49	11♋32	7°15	21°41	14°17	28° 7	16°39	23°30	1° 6	4°49	23°35	24°56	13°29	11°45	S 4
S 5	11 2 44	17°39'07	23°45	6°32	21°56	15° 4	28°21	16°46	23°31	1° 8	4°48	23°30	24°53	13°36	11°48	S 5
M 6	11 6 40	18°38'22	6♌13	5°53	22° 8	15°51	28°36	16°54	23°32	1°10	4°46	23°25	24°50	13°43	11°52	M 6
T 7	11 10 37	19°37'35	18°58	5°19	22°19	16°38	28°50	17° 1	23°33	1°11	4°45	23°19	24°47	13°50	11°55	T 7
W 8	11 14 34	20°36'46	2♍ 3	4°51	22°27	17°24	29° 4	17° 9	23°34	1°13	4°43	23°14	24°43	13°56	11°59	W 8
T 9	11 18 30	21°35'55	15°26	4°28	22°32	18°11	29°19	17°16	23°34	1°15	4°42	23° 9	24°40	14° 3	12° 3	T 9
F 10	11 22 27	22°35'01	29° 6	4°11	22°36	18°58	29°33	17°24	23°35	1°17	4°40	23° 5	24°37	14°10	12° 6	F 10
S 11	11 26 23	23°34'06	12♎59	3°59	22°R37	19°44	29°48	17°31	23°36	1°19	4°39	23° 4	24°34	14°16	12°10	S 11
S 12	11 30 20	24°33'08	27° 3	3°54	22°35	20°31	0♈ 2	17°39	23°37	1°20	4°37	23°D 3	24°31	14°23	12°13	S 12
M13	11 34 16	25°32'09	11♏15	3°D53	22°31	21°18	0°16	17°46	23°37	1°22	4°36	23° 4	24°27	14°30	12°16	M13
T 14	11 38 13	26°31'08	25°29	3°59	22°25	22° 4	0°31	17°54	23°38	1°24	4°34	23° 6	24°24	14°36	12°20	T 14
W15	11 42 9	27°30'05	9♐45	4° 9	22°16	22°51	0°45	18° 1	23°39	1°26	4°33	23° 7	24°21	14°43	12°23	W15
T 16	11 46 6	28°29'00	23°58	4°25	22° 5	23°38	1° 0	18° 9	23°39	1°28	4°31	23°R 8	24°18	14°50	12°26	T 16
F 17	11 50 2	29°27'54	8♑ 8	4°45	21°51	24°24	1°14	18°16	23°40	1°30	4°30	23° 8	24°15	14°56	12°30	F 17
S 18	11 53 59	0♈26'45	22°11	5°10	21°35	25°11	1°29	18°24	23°40	1°32	4°28	23° 6	24°12	15° 3	12°33	S 18
S 19	11 57 56	1°25'35	6♒ 6	5°40	21°16	25°58	1°43	18°31	23°40	1°34	4°27	23° 4	24° 8	15°10	12°36	S 19
M20	12 1 52	2°24'23	19°52	6°13	20°55	26°44	1°58	18°38	23°41	1°36	4°25	23° 1	24° 5	15°16	12°39	M20
T 21	12 5 49	3°23'10	3♓26	6°51	20°32	27°31	2°12	18°46	23°41	1°38	4°24	22°59	24° 2	15°23	12°42	T 21
W22	12 9 45	4°21'54	16°47	7°33	20° 7	28°17	2°27	18°53	23°41	1°40	4°23	22°56	23°59	15°30	12°45	W22
T 23	12 13 42	5°20'36	29°53	8°18	19°39	29° 4	2°41	19° 0	23°41	1°42	4°21	22°54	23°56	15°37	12°48	T 23
F 24	12 17 38	6°19'17	12♈43	9° 7	19°10	29°50	2°55	19° 8	23°41	1°44	4°20	22°53	23°52	15°43	12°51	F 24
S 25	12 21 35	7°17'55	25°18	9°59	18°39	0♓37	3°10	19°15	23°41	1°46	4°19	22°D53	23°49	15°50	12°54	S 25
S 26	12 25 31	8°16'31	7♉40	10°54	18° 6	1°23	3°24	19°22	23°R41	1°48	4°17	22°53	23°46	15°57	12°57	S 26
M27	12 29 28	9°15'05	19°48	11°52	17°32	2°10	3°39	19°30	23°41	1°51	4°16	22°54	23°43	16° 3	13° 0	M27
T 28	12 33 25	10°13'38	1♊47	12°53	16°57	2°56	3°53	19°37	23°41	1°53	4°15	22°55	23°40	16°10	13° 2	T 28
W29	12 37 21	11°12'07	13°41	13°56	16°21	3°43	4° 8	19°44	23°41	1°55	4°14	22°56	23°37	16°17	13° 5	W29
T 30	12 41 18	12°10'35	25°32	15° 3	15°44	4°29	4°22	19°51	23°41	1°57	4°12	22°57	23°33	16°23	13° 8	T 30
F 31	12 45 14	13♈ 9'01	7♋25	16♓12	15♈ 6	5♓15	4♈36	19♓58	23♐41	1♉59	4♏11	22♎58	23♎30	16♊30	13♒10	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s27	17n59	3s29	4s59	3n13	13n35	5n52	18s25	1s 8	2s 6	1s 9	7s21	2s 4	23s36	0s10	10n11	1s50	24n22	15n46	9s14	9s47	18n44	11s45	5n55
T 2	6 4	18 50	4 12	5 29	3 2	13 50	6 0	18 12	1 9	2 0	1 9	7 18	2 4	23 37	0 10	10 12	1 50	24 22	15 46	9 14	9 45	18 44	11 44	5 55
F 3	5 41	18 52	4 44	5 58	2 51	14 4	6 7	17 59	1 9	1 54	1 9	7 15	2 4	23 37	0 10	10 12	1 50	24 23	15 46	9 14	9 44	18 44	11 42	5 55
S 4	5 18	18 2	5 4	6 28	2 38	14 17	6 14	17 46	1 9	1 48	1 9	7 12	2 4	23 37	0 10	10 13	1 50	24 23	15 46	9 13	9 43	18 44	11 41	5 55
S 5	4 55	16 23	5 11	6 57	2 24	14 29	6 21	17 32	1 10	1 42	1 9	7 9	2 4	23 37	0 10	10 13	1 50	24 24	15 46	9 11	9 42	18 45	11 40	5 56
M 6	4 31	13 57	5 4	7 25	2 9	14 40	6 28	17 18	1 10	1 37	1 9	7 6	2 4	23 37	0 10	10 14	1 50	24 25	15 46	9 9	9 41	18 45	11 39	5 56
T 7	4 8	10 47	4 41	7 51	1 54	14 50	6 35	17 5	1 10	1 31	1 9	7 3	2 4	23 37	0 10	10 15	1 50	24 25	15 46	9 7	9 40	18 45	11 38	5 56
W 8	3 45	7 2	4 3	8 16	1 39	14 59	6 42	16 51	1 11	1 25	1 9	7 1	2 4	23 37	0 10	10 15	1 50	24 26	15 46	9 5	9 38	18 45	11 37	5 56
T 9	3 21	2 51	3 11	8 38	1 24	15 7	6 48	16 36	1 11	1 19	1 9	6 58	2 4	23 37	0 10	10 16	1 50	24 26	15 46	9 3	9 37	18 45	11 35	5 56
F 10	2 58	1s35	2 7	8 59	1 8	15 14	6 54	16 22	1 11	1 14	1 9	6 55	2 4	23 37	0 10	10 17	1 50	24 27	15 46	9 2	9 36	18 46	11 34	5 57
S 11	2 34	6 0	0 55	9 18	0 53	15 19	6 59	16 8	1 12	1 8	1 9	6 52	2 4	23 37	0 10	10 17	1 50	24 27	15 46	9 1	9 35	18 46	11 33	5 57
S 12	2 11	10 9	0n22	9 34	0 38	15 23	7 4	15 53	1 12	1 2	1 8	6 49	2 4	23 37	0 10	10 18	1 50	24 28	15 46	9 1	9 34	18 46	11 32	5 57
M13	1 47	13 45	1 38	9 48	0 23	15 26	7 9	15 38	1 12	0 56	1 8	6 46	2 4	23 37	0 10	10 19	1 50	24 28	15 45	9 2	9 32	18 46	11 31	5 57
T 14	1 24	16 32	2 49	9 59	0 8	15 28	7 13	15 23	1 12	0 50	1 8	6 43	2 4	23 37	0 11	10 20	1 50	24 28	15 45	9 2	9 31	18 46	11 30	5 58
W15	1 0	18 17	3 49	10 8	0s 6	15 28	7 17	15 8	1 13	0 45	1 8	6 40	2 4	23 37	0 11	10 20	1 50	24 29	15 45	9 3	9 30	18 47	11 28	5 58
T 16	0 36	18 53	4 35	10 15	0 19	15 27	7 21	14 53	1 13	0 39	1 8	6 37	2 4	23 37	0 11	10 21	1 50	24 29	15 45	9 3	9 29	18 47	11 27	5 58
F 17	0 13	18 18	5 4	10 20	0 32	15 24	7 24	14 37	1 13	0 33	1 8	6 35	2 4	23 37	0 11	10 22	1 50	24 30	15 45	9 3	9 28	18 47	11 26	5 58
S 18	0n11	16 35	5 15	10 22	0 44	15 20	7 26	14 22	1 13	0 27	1 8	6 32	2 5	23 37	0 11	10 22	1 50	24 30	15 45	9 2	9 27	18 47	11 25	5 59
S 19	0 34	13 55	5 7	10 22	0 56	15 15	7 27	14 6	1 14	0 21	1 8	6 29	2 5	23 38	0 11	10 23	1 50	24 31	15 45	9 2	9 25	18 47	11 24	5 59
M20	0 58	10 31	4 41	10 20	1 7	15 7	7 28	13 51	1 14	0 16	1 8	6 26	2 5	23 38	0 11	10 24	1 50	24 31	15 44	9 1	9 24	18 48	11 23	5 59
T 21	1 21	6 35	4 0	10 16	1 18	14 59	7 29	13 35	1 14	0 10	1 8	6 23	2 5	23 38	0 11	10 25	1 50	24 31	15 44	8 59	9 23	18 48	11 22	5 59
W22	1 45	2 24	3 6	10 9	1 28	14 49	7 28	13 19	1 14	0 4	1 8	6 20	2 5	23 38	0 11	10 25	1 50	24 32	15 44	8 58	9 22	18 48	11 21	6 0
T 23	2 8	1n50	2 4	10 1	1 37	14 37	7 27	13 2	1 15	0n 2	1 8	6 17	2 5	23 38	0 11	10 26	1 50	24 32	15 44	8 58	9 21	18 48	11 20	6 0
F 24	2 32	5 55	0 56	9 51	1 46	14 24	7 25	12 46	1 15	0 8	1 8	6 15	2 5	23 38	0 11	10 27	1 50	24 32	15 44	8 57	9 20	18 48	11 19	6 0
S 25	2 55	9 39	0s13	9 38	1 54	14 9	7 22	12 30	1 15	0 13	1 8	6 12	2 5	23 38	0 11	10 27	1 49	24 33	15 43	8 57	9 18	18 48	11 17	6 0
S 26	3 18	12 53	1 21	9 24	2 1	13 53	7 19	12 13	1 15	0 19	1 8	6 9	2 5	23 38	0 11	10 28	1 49	24 33	15 43	8 57	9 17	18 48	11 16	6 1
M27	3 41	15 30	2 24	9 8	2 8	13 36	7 14	11 57	1 15	0 25	1 8	6 6	2 5	23 38	0 11	10 29	1 49	24 33	15 43	8 58	9 16	18 49	11 15	6 1
T 28	4 5	17 24	3 19	8 50	2 15	13 17	7 9	11 40	1 16	0 31	1 8	6 4	2 5	23 38	0 11	10 30	1 49	24 33	15 43	8 58	9 15	18 49	11 14	6 1
W29	4 28	18 32	4 6	8 31	2 20	12 58	7 3	11 23	1 16	0 36	1 8	6 1	2 5	23 38	0 11	10 31	1 49	24 34	15 42	8 59	9 14	18 49	11 13	6 2
T 30	4 51	18 50	4 42	8 9	2 25	12 37	6 56	11 6	1 16	0 42	1 8	5 58	2 6	23 38	0 11	10 31	1 49	24 34	15 42	8 59	9 12	18 49	11 12	6 2
F 31	5n14	18n18	5s 6	7s47	2s29	12n15	6n48	10s49	1s16	0n48	1s 8	5s55	2s 6	23s38	0s11	10n32	1s49	24n34	15n42	8s59	9s11	18n49	11s11	6n 2

Julian Day Number = 1987749.5, Delta T = 56m18s
Ecliptic obliquity = 23°36'04, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'07, Lahiri = 6°10'07 Julian Calendar 1 March 730 == Greg. Calendar 5 March 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

APRIL 730 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 49 11	14♈ 7'24	19♋26	17♓23	14°R28	6♓ 2	4♈51	20♓ 5	23°R40	2♉ 1	4°R10	22°R58	23♎27	16♊37	13♒13	S 1
S 2	12 53 7	15° 5'46	1♌38	18°36	13♈50	6°48	5° 5	20°12	23♐40	2° 3	4♍ 9	22♎57	23°24	16°44	13°16	S 2
M 3	12 57 4	16° 4'05	14° 6	19°52	13°12	7°34	5°19	20°20	23°40	2° 6	4° 8	22°57	23°21	16°50	13°18	M 3
T 4	13 1 0	17° 2'22	26°54	21°10	12°35	8°20	5°34	20°27	23°39	2° 8	4° 7	22°56	23°18	16°57	13°20	T 4
W 5	13 4 57	18° 0'36	10♍ 4	22°31	11°58	9° 7	5°48	20°34	23°39	2°10	4° 6	22°55	23°14	17° 4	13°23	W 5
T 6	13 8 53	18°58'49	23°37	23°53	11°23	9°53	6° 2	20°40	23°38	2°12	4° 5	22°55	23°11	17°10	13°25	T 6
F 7	13 12 50	19°57'00	7♎32	25°18	10°48	10°39	6°16	20°47	23°38	2°14	4° 4	22°55	23° 8	17°17	13°27	F 7
S 8	13 16 47	20°55'09	21°46	26°44	10°15	11°25	6°30	20°54	23°37	2°17	4° 3	22°D55	23° 5	17°24	13°30	S 8
S 9	13 20 43	21°53'16	6♏16	28°13	9°43	12°11	6°45	21° 1	23°36	2°19	4° 2	22°55	23° 2	17°30	13°32	S 9
M10	13 24 40	22°51'22	20°55	29°43	9°13	12°57	6°59	21° 8	23°35	2°21	4° 1	22°R55	22°58	17°37	13°34	M10
T 11	13 28 36	23°49'26	5♐36	1♈16	8°45	13°43	7°13	21°15	23°35	2°23	4° 0	22°55	22°55	17°44	13°36	T 11
W12	13 32 33	24°47'28	20°14	2°50	8°19	14°29	7°27	21°21	23°34	2°25	3°59	22°54	22°52	17°50	13°38	W12
T 13	13 36 29	25°45'30	4♑43	4°26	7°55	15°15	7°41	21°28	23°33	2°28	3°58	22°54	22°49	17°57	13°40	T 13
F 14	13 40 26	26°43'29	18°59	6° 5	7°34	16° 1	7°55	21°35	23°32	2°30	3°57	22°54	22°46	18° 4	13°42	F 14
S 15	13 44 22	27°41'28	3♒ 0	7°45	7°14	16°47	8° 9	21°41	23°31	2°32	3°56	22°D54	22°43	18°11	13°44	S 15
S 16	13 48 19	28°39'25	16°44	9°27	6°58	17°33	8°23	21°48	23°30	2°34	3°56	22°54	22°39	18°17	13°45	S 16
M17	13 52 16	29°37'20	0♓12	11°11	6°43	18°18	8°37	21°54	23°29	2°37	3°55	22°55	22°36	18°24	13°47	M17
T 18	13 56 12	0♉35'15	13°24	12°57	6°31	19° 4	8°51	22° 1	23°28	2°39	3°54	22°56	22°33	18°31	13°49	T 18
W19	14 0 9	1°33'08	26°21	14°45	6°21	19°50	9° 5	22° 7	23°27	2°41	3°53	22°56	22°30	18°37	13°50	W19
T 20	14 4 5	2°30'59	9♈ 4	16°35	6°14	20°36	9°19	22°14	23°26	2°43	3°53	22°57	22°27	18°44	13°52	T 20
F 21	14 8 2	3°28'49	21°35	18°27	6° 9	21°21	9°33	22°20	23°24	2°46	3°52	22°R57	22°23	18°51	13°53	F 21
S 22	14 11 58	4°26'38	3♉55	20°21	6° 7	22° 7	9°46	22°26	23°23	2°48	3°51	22°57	22°20	18°57	13°55	S 22
S 23	14 15 55	5°24'25	16° 5	22°17	6°D 7	22°52	10° 0	22°32	23°22	2°50	3°51	22°56	22°17	19° 4	13°56	S 23
M24	14 19 51	6°22'11	28° 7	24°15	6° 9	23°38	10°14	22°39	23°20	2°52	3°50	22°55	22°14	19°11	13°58	M24
T 25	14 23 48	7°19'55	10♊ 2	26°14	6°14	24°24	10°27	22°45	23°19	2°55	3°50	22°53	22°11	19°18	13°59	T 25
W26	14 27 45	8°17'38	21°54	28°15	6°20	25° 9	10°41	22°51	23°17	2°57	3°49	22°50	22° 8	19°24	14° 0	W26
T 27	14 31 41	9°15'19	3♋45	0♉18	6°29	25°54	10°54	22°57	23°16	2°59	3°49	22°48	22° 4	19°31	14° 1	T 27
F 28	14 35 38	10°12'58	15°38	2°23	6°40	26°40	11° 8	23° 3	23°14	3° 1	3°48	22°46	22° 1	19°38	14° 2	F 28
S 29	14 39 34	11°10'37	27°38	4°29	6°54	27°25	11°21	23° 9	23°13	3° 4	3°48	22°45	21°58	19°44	14° 3	S 29
S 30	14 43 31	12♉ 8'13	9♌48	6♉37	7♈ 9	28♓10	11♈35	23♓14	23♐11	3♉ 6	3♍47	22°D44	21♎55	19♊51	14♒ 4	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n36	16n58	5s16	7s22	2s33	11n52	6n40	10s32	1s16	0n54	1s 8	5s53	2s 6	23s38	0s11	10n33	1s49	24n34	15n42	8s59	9s10	18n49	11s10	6n 2
S 2	5 59	14 50	5 13	6 56	2 36	11 29	6 31	10 15	1 16	0 59	1 8	5 50	2 6	23 38	0 11	10 34	1 49	24 34	15 41	8 59	9 9	18 49	11 9	6 3
M 3	6 22	11 59	4 56	6 28	2 39	11 5	6 21	9 58	1 16	1 5	1 8	5 47	2 6	23 38	0 11	10 34	1 49	24 35	15 41	8 59	9 8	18 50	11 8	6 3
T 4	6 44	8 30	4 23	5 59	2 41	10 40	6 10	9 41	1 16	1 11	1 8	5 45	2 6	23 38	0 11	10 35	1 49	24 35	15 41	8 59	9 7	18 50	11 7	6 3
W 5	7 7	4 31	3 36	5 28	2 42	10 16	5 59	9 23	1 17	1 16	1 8	5 42	2 6	23 38	0 11	10 36	1 49	24 35	15 41	8 58	9 5	18 50	11 6	6 4
T 6	7 29	0 10	2 36	4 56	2 43	9 51	5 47	9 6	1 17	1 22	1 8	5 39	2 6	23 38	0 11	10 37	1 49	24 35	15 40	8 58	9 4	18 50	11 5	6 4
F 7	7 51	4s18	1 24	4 23	2 43	9 26	5 35	8 48	1 17	1 28	1 8	5 37	2 7	23 38	0 11	10 37	1 49	24 35	15 40	8 58	9 3	18 50	11 4	6 4
S 8	8 13	8 38	0 6	3 48	2 43	9 1	5 22	8 31	1 17	1 33	1 9	5 34	2 7	23 38	0 11	10 38	1 49	24 35	15 40	8 58	9 2	18 50	11 3	6 5
S 9	8 35	12 33	1n14	3 12	2 42	8 36	5 9	8 13	1 17	1 39	1 9	5 31	2 7	23 38	0 11	10 39	1 49	24 35	15 39	8 58	9 1	18 50	11 3	6 5
M10	8 57	15 42	2 29	2 34	2 41	8 12	4 56	7 55	1 17	1 44	1 9	5 29	2 7	23 38	0 11	10 40	1 49	24 35	15 39	8 58	8 59	18 50	11 2	6 5
T 11	9 18	17 51	3 36	1 55	2 39	7 48	4 42	7 38	1 17	1 50	1 9	5 26	2 7	23 38	0 11	10 41	1 49	24 35	15 39	8 58	8 58	18 50	11 1	6 6
W12	9 40	18 48	4 27	1 15	2 36	7 25	4 28	7 20	1 17	1 56	1 9	5 24	2 7	23 38	0 11	10 41	1 49	24 36	15 38	8 58	8 57	18 50	11 0	6 6
T 13	10 1	18 30	5 2	0 34	2 33	7 3	4 14	7 2	1 17	2 1	1 9	5 21	2 7	23 38	0 11	10 42	1 49	24 36	15 38	8 58	8 56	18 51	10 59	6 6
F 14	10 22	17 1	5 17	0n 9	2 29	6 42	4 0	6 44	1 17	2 7	1 9	5 19	2 8	23 38	0 11	10 43	1 49	24 36	15 38	8 58	8 55	18 51	10 58	6 7
S 15	10 43	14 33	5 12	0 52	2 25	6 21	3 46	6 26	1 17	2 12	1 9	5 16	2 8	23 38	0 11	10 44	1 49	24 36	15 37	8 58	8 53	18 51	10 57	6 7
S 16	11 4	11 18	4 50	1 37	2 20	6 1	3 32	6 8	1 17	2 18	1 9	5 14	2 8	23 38	0 11	10 44	1 49	24 36	15 37	8 58	8 52	18 51	10 56	6 7
M17	11 25	7 32	4 13	2 23	2 15	5 42	3 18	5 50	1 17	2 23	1 9	5 11	2 8	23 37	0 11	10 45	1 49	24 35	15 37	8 58	8 51	18 51	10 56	6 8
T 18	11 45	3 27	3 22	3 10	2 9	5 25	3 4	5 32	1 17	2 29	1 9	5 9	2 8	23 37	0 11	10 46	1 49	24 35	15 36	8 58	8 50	18 51	10 55	6 8
W19	12 6	0n43	2 22	3 58	2 3	5 8	2 50	5 14	1 17	2 34	1 9	5 6	2 8	23 37	0 11	10 47	1 49	24 35	15 36	8 59	8 49	18 51	10 54	6 8
T 20	12 26	4 47	1 16	4 47	1 56	4 53	2 36	4 56	1 17	2 39	1 9	5 4	2 8	23 37	0 11	10 48	1 49	24 35	15 36	8 59	8 48	18 51	10 53	6 9
F 21	12 46	8 35	0 8	5 36	1 49	4 38	2 23	4 38	1 17	2 45	1 9	5 2	2 9	23 37	0 11	10 48	1 49	24 35	15 35	8 59	8 46	18 51	10 52	6 9
S 22	13 5	11 58	1s 0	6 27	1 41	4 25	2 9	4 20	1 17	2 50	1 9	4 59	2 9	23 37	0 11	10 49	1 49	24 35	15 35	8 59	8 45	18 51	10 52	6 10
S 23	13 25	14 46	2 5	7 18	1 33	4 13	1 56	4 1	1 17	2 56	1 9	4 57	2 9	23 37	0 11	10 50	1 49	24 35	15 34	8 59	8 44	18 51	10 51	6 10
M24	13 44	16 54	3 3	8 9	1 24	4 3	1 44	3 43	1 17	3 1	1 9	4 55	2 9	23 37	0 11	10 51	1 49	24 35	15 34	8 58	8 43	18 51	10 50	6 10
T 25	14 3	18 17	3 52	9 2	1 15	3 53	1 31	3 25	1 17	3 6	1 9	4 53	2 9	23 37	0 11	10 51	1 49	24 35	15 34	8 57	8 42	18 51	10 50	6 11
W26	14 22	18 51	4 31	9 54	1 6	3 44	1 19	3 7	1 17	3 12	1 9	4 50	2 10	23 37	0 11	10 52	1 49	24 35	15 33	8 56	8 40	18 51	10 49	6 11
T 27	14 41	18 35	4 58	10 47	0 56	3 37	1 7	2 49	1 17	3 17	1 9	4 48	2 10	23 37	0 11	10 53	1 49	24 34	15 33	8 56	8 39	18 51	10 48	6 11
F 28	14 59	17 30	5 13	11 40	0 46	3 31	0 55	2 30	1 17	3 22	1 10	4 46	2 10	23 37	0 11	10 54	1 49	24 34	15 32	8 55	8 38	18 51	10 48	6 12
S 29	15 17	15 38	5 14	12 32	0 36	3 25	0 44	2 12	1 17	3 27	1 10	4 44	2 10	23 37	0 11	10 54	1 49	24 34	15 32	8 54	8 37	18 51	10 47	6 12
S 30	15n35	13n 4	5s 2	13n25	0s26	3n21	0n33	1s54	1s17	3n32	1s10	4s42	2s10	23s37	0s11	10n55	1s49	24n34	15n32	8s54	8s36	18n52	10s46	6n12

Julian Day Number = 1987780.5, Delta T = 56m17s
Ecliptic obliquity = 23°36'04, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'11, Lahiri = 6°10'12 Julian Calendar 1 Apr. 730 == Greg. Calendar 5 Apr. 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

MAY 730 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 47 27	13♉ 5'48	22♌13	8♉46	7♈26	28♓55	11♈48	23♓20	23°R10	3♉ 8	3°R47	22♎44	21♎52	19♊58	14♒ 5	M 1
T 2	14 51 24	14° 3'21	4♍58	10°55	7°45	29°41	12° 1	23°26	23♐ 8	3°10	3♍47	22°45	21°49	20° 4	14° 6	T 2
W 3	14 55 20	15° 0'53	18° 5	13° 6	8° 5	0♈26	12°15	23°32	23° 6	3°13	3°47	22°47	21°45	20°11	14° 7	W 3
T 4	14 59 17	15°58'23	1♎38	15°17	8°28	1°11	12°28	23°37	23° 4	3°15	3°46	22°48	21°42	20°18	14° 8	T 4
F 5	15 3 14	16°55'52	15°38	17°29	8°52	1°56	12°41	23°43	23° 3	3°17	3°46	22°R49	21°39	20°25	14° 8	F 5
S 6	15 7 10	17°53'20	0♏ 2	19°41	9°18	2°41	12°54	23°48	23° 1	3°19	3°46	22°49	21°36	20°31	14° 9	S 6
S 7	15 11 7	18°50'47	14°48	21°52	9°45	3°25	13° 7	23°53	22°59	3°21	3°46	22°48	21°33	20°38	14° 9	S 7
M 8	15 15 3	19°48'12	29°47	24° 4	10°14	4°10	13°20	23°59	22°57	3°24	3°46	22°45	21°29	20°45	14°10	M 8
T 9	15 19 0	20°45'37	14♐52	26°14	10°45	4°55	13°33	24° 4	22°55	3°26	3°45	22°42	21°26	20°51	14°10	T 9
W10	15 22 56	21°43'00	29°54	28°23	11°16	5°40	13°46	24° 9	22°53	3°28	3°45	22°38	21°23	20°58	14°11	W10
T 11	15 26 53	22°40'23	14♑43	0♊32	11°50	6°25	13°58	24°14	22°51	3°30	3°45	22°34	21°20	21° 5	14°11	T 11
F 12	15 30 49	23°37'45	29°13	2°38	12°24	7° 9	14°11	24°19	22°49	3°32	3°D45	22°31	21°17	21°12	14°11	F 12
S 13	15 34 46	24°35'07	13♒21	4°43	13° 0	7°54	14°24	24°24	22°47	3°34	3°45	22°29	21°14	21°18	14°11	S 13
S 14	15 38 43	25°32'28	27° 5	6°47	13°37	8°38	14°36	24°29	22°45	3°37	3°45	22°D29	21°10	21°25	14°11	S 14
M15	15 42 39	26°29'48	10♓25	8°48	14°15	9°23	14°49	24°34	22°43	3°39	3°45	22°30	21° 7	21°32	14°R11	M15
T 16	15 46 36	27°27'08	23°25	10°47	14°54	10° 7	15° 1	24°39	22°41	3°41	3°46	22°31	21° 4	21°38	14°11	T 16
W17	15 50 32	28°24'27	6♈ 6	12°44	15°35	10°52	15°14	24°44	22°39	3°43	3°46	22°33	21° 1	21°45	14°11	W17
T 18	15 54 29	29°21'45	18°33	14°39	16°16	11°36	15°26	24°48	22°37	3°45	3°46	22°R34	20°58	21°52	14°11	T 18
F 19	15 58 25	0♊19'03	0♉49	16°31	16°58	12°20	15°38	24°53	22°35	3°47	3°46	22°33	20°55	21°58	14°11	F 19
S 20	16 2 22	1°16'21	12°55	18°21	17°42	13° 4	15°50	24°57	22°33	3°49	3°46	22°31	20°51	22° 5	14°11	S 20
S 21	16 6 18	2°13'38	24°55	20° 9	18°26	13°48	16° 2	25° 1	22°30	3°51	3°47	22°27	20°48	22°12	14°11	S 21
M22	16 10 15	3°10'54	6♊50	21°54	19°11	14°32	16°14	25° 6	22°28	3°53	3°47	22°22	20°45	22°19	14°10	M22
T 23	16 14 12	4° 8'10	18°42	23°37	19°57	15°16	16°26	25°10	22°26	3°55	3°47	22°15	20°42	22°25	14°10	T 23
W24	16 18 8	5° 5'25	0♋33	25°17	20°44	16° 0	16°38	25°14	22°24	3°57	3°48	22° 7	20°39	22°32	14° 9	W24
T 25	16 22 5	6° 2'39	12°24	26°55	21°31	16°44	16°50	25°18	22°21	3°59	3°48	21°59	20°35	22°39	14° 9	T 25
F 26	16 26 1	6°59'53	24°19	28°30	22°19	17°28	17° 1	25°22	22°19	4° 1	3°49	21°52	20°32	22°45	14° 8	F 26
S 27	16 29 58	7°57'06	6♌20	0♋ 3	23° 8	18°12	17°13	25°26	22°17	4° 3	3°49	21°46	20°29	22°52	14° 7	S 27
S 28	16 33 54	8°54'18	18°30	1°33	23°58	18°55	17°24	25°30	22°14	4° 5	3°50	21°42	20°26	22°59	14° 7	S 28
M29	16 37 51	9°51'30	0♍53	3° 0	24°48	19°39	17°36	25°34	22°12	4° 7	3°50	21°40	20°23	23° 6	14° 6	M29
T 30	16 41 47	10°48'40	13°33	4°25	25°39	20°22	17°47	25°37	22°10	4° 9	3°51	21°D39	20°20	23°12	14° 5	T 30
W31	16 45 44	11♊45'51	26♍35	5♋48	26♈31	21♈ 6	17♈58	25♓41	22♐ 7	4♉11	3♍51	21♎40	20♎16	23♊19	14♒ 4	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n52	9n52	4s35	14n17	0s15	3n18	0n22	1s36	1s16	3n38	1s10	4s39	2s10	23s37	0s11	10n56	1s49	24n33	15n31	8s54	8s34	18n52	10s46	6n13
T 2	16 10	6 8	3 54	15 8	0 4	3 16	0 12	1 18	1 16	3 43	1 10	4 37	2 11	23 37	0 11	10 57	1 49	24 33	15 31	8 54	8 33	18 52	10 45	6 13
W 3	16 27	1 59	3 0	15 58	0n 6	3 15	0 2	1 0	1 16	3 48	1 10	4 35	2 11	23 37	0 11	10 57	1 49	24 33	15 30	8 55	8 32	18 52	10 44	6 14
T 4	16 44	2s24	1 54	16 48	0 17	3 15	0s 8	0 41	1 16	3 53	1 10	4 33	2 11	23 36	0 11	10 58	1 49	24 33	15 30	8 56	8 31	18 52	10 44	6 14
F 5	17 0	6 48	0 39	17 36	0 27	3 16	0 17	0 23	1 16	3 58	1 10	4 31	2 11	23 36	0 11	10 59	1 49	24 32	15 30	8 56	8 30	18 52	10 43	6 14
S 6	17 17	10 57	0n40	18 22	0 37	3 18	0 26	0 5	1 16	4 3	1 10	4 29	2 11	23 36	0 11	11 0	1 49	24 32	15 29	8 56	8 28	18 52	10 43	6 15
S 7	17 33	14 30	1 58	19 7	0 47	3 21	0 35	0n13	1 16	4 8	1 10	4 27	2 12	23 36	0 11	11 0	1 49	24 32	15 29	8 55	8 27	18 52	10 42	6 15
M 8	17 48	17 10	3 9	19 50	0 57	3 25	0 44	0 31	1 15	4 13	1 10	4 25	2 12	23 36	0 11	11 1	1 49	24 31	15 28	8 55	8 26	18 52	10 42	6 15
T 9	18 4	18 38	4 8	20 30	1 6	3 29	0 52	0 49	1 15	4 18	1 10	4 23	2 12	23 36	0 11	11 2	1 49	24 31	15 28	8 53	8 25	18 52	10 41	6 16
W10	18 19	18 47	4 49	21 9	1 14	3 34	1 0	1 7	1 15	4 23	1 11	4 22	2 12	23 36	0 11	11 3	1 49	24 31	15 27	8 52	8 24	18 52	10 41	6 16
T 11	18 34	17 39	5 10	21 44	1 22	3 40	1 7	1 25	1 15	4 28	1 11	4 20	2 13	23 36	0 12	11 3	1 49	24 30	15 27	8 50	8 22	18 52	10 40	6 17
F 12	18 48	15 23	5 11	22 18	1 30	3 47	1 15	1 43	1 15	4 33	1 11	4 18	2 13	23 36	0 12	11 4	1 49	24 30	15 27	8 49	8 21	18 52	10 40	6 17
S 13	19 3	12 15	4 53	22 48	1 37	3 55	1 22	2 1	1 14	4 37	1 11	4 16	2 13	23 36	0 12	11 5	1 49	24 29	15 26	8 49	8 20	18 52	10 40	6 17
S 14	19 17	8 32	4 18	23 17	1 43	4 3	1 28	2 19	1 14	4 42	1 11	4 14	2 13	23 36	0 12	11 5	1 49	24 29	15 26	8 48	8 19	18 52	10 39	6 18
M15	19 30	4 28	3 30	23 42	1 48	4 12	1 35	2 37	1 14	4 47	1 11	4 13	2 13	23 36	0 12	11 6	1 49	24 29	15 25	8 49	8 18	18 52	10 39	6 18
T 16	19 43	0 18	2 32	24 5	1 53	4 22	1 41	2 54	1 14	4 52	1 11	4 11	2 14	23 35	0 12	11 7	1 49	24 28	15 25	8 49	8 16	18 52	10 38	6 18
W17	19 56	3n48	1 29	24 25	1 57	4 32	1 47	3 12	1 13	4 56	1 11	4 9	2 14	23 35	0 12	11 7	1 49	24 28	15 24	8 50	8 15	18 52	10 38	6 19
T 18	20 9	7 39	0 22	24 42	2 1	4 43	1 53	3 30	1 13	5 1	1 11	4 8	2 14	23 35	0 12	11 8	1 49	24 27	15 24	8 50	8 14	18 52	10 38	6 19
F 19	20 21	11 8	0s45	24 57	2 3	4 54	1 58	3 47	1 13	5 6	1 12	4 6	2 14	23 35	0 12	11 9	1 49	24 27	15 24	8 50	8 13	18 51	10 37	6 20
S 20	20 33	14 6	1 49	25 10	2 5	5 6	2 3	4 5	1 13	5 10	1 12	4 5	2 15	23 35	0 12	11 10	1 49	24 26	15 23	8 49	8 12	18 51	10 37	6 20
S 21	20 45	16 26	2 47	25 20	2 6	5 18	2 8	4 22	1 12	5 15	1 12	4 3	2 15	23 35	0 12	11 10	1 50	24 26	15 23	8 48	8 10	18 51	10 37	6 20
M22	20 56	18 2	3 37	25 27	2 6	5 31	2 13	4 40	1 12	5 19	1 12	4 1	2 15	23 35	0 12	11 11	1 50	24 25	15 22	8 46	8 9	18 51	10 37	6 21
T 23	21 7	18 50	4 18	25 33	2 6	5 44	2 17	4 57	1 12	5 24	1 12	4 0	2 15	23 35	0 12	11 12	1 50	24 25	15 22	8 43	8 8	18 51	10 36	6 21
W24	21 17	18 49	4 47	25 36	2 5	5 58	2 21	5 14	1 11	5 28	1 12	3 59	2 16	23 35	0 12	11 12	1 50	24 24	15 21	8 40	8 7	18 51	10 36	6 21
T 25	21 28	17 58	5 4	25 37	2 3	6 12	2 25	5 32	1 11	5 33	1 12	3 57	2 16	23 34	0 12	11 13	1 50	24 24	15 21	8 37	8 6	18 51	10 36	6 22
F 26	21 37	16 21	5 8	25 36	2 1	6 27	2 29	5 49	1 11	5 37	1 12	3 56	2 16	23 34	0 12	11 13	1 50	24 23	15 21	8 34	8 4	18 51	10 36	6 22
S 27	21 47	14 0	4 58	25 34	1 57	6 42	2 32	6 6	1 10	5 41	1 13	3 55	2 16	23 34	0 12	11 14	1 50	24 23	15 20	8 32	8 3	18 51	10 36	6 22
S 28	21 56	11 1	4 35	25 29	1 54	6 57	2 36	6 23	1 10	5 46	1 13	3 53	2 17	23 34	0 12	11 15	1 50	24 22	15 20	8 31	8 2	18 51	10 36	6 23
M29	22 5	7 30	3 59	25 23	1 49	7 12	2 39	6 40	1 10	5 50	1 13	3 52	2 17	23 34	0 12	11 15	1 50	24 21	15 19	8 30	8 1	18 51	10 35	6 23
T 30	22 13	3 35	3 11	25 15	1 44	7 28	2 42	6 57	1 9	5 54	1 13	3 51	2 17	23 34	0 12	11 16	1 50	24 21	15 19	8 30	8 0	18 51	10 35	6 24
W31	22n21	0s38	2s11	25n 6	1n38	7n45	2s44	7n13	1s 9	5n58	1s13	3s50	2s17	23s34	0s12	11n17	1s50	24n20	15n18	8s30	7s58	18n51	10s35	6n24

Julian Day Number = 1987810.5, Delta T = 56m16s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'15, Lahiri = 6°10'16 Julian Calendar 1 May 730 == Greg. Calendar 5 May 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

JUNE 730 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 49 41	12♊43'00	10♎ 2	7♋ 7	27♈23	21♈49	18♈ 9	25♓44	22°R 5	4♉12	3♍52	21♎41	20♎13	23♊26	14°R 3	T 1
F 2	16 53 37	13°40'09	23°56	8°24	28°16	22°33	18°20	25°48	22♐ 2	4°14	3°53	21°R41	20°10	23°32	14♒ 2	F 2
S 3	16 57 34	14°37'18	8♏18	9°38	29° 9	23°16	18°31	25°51	22° 0	4°16	3°53	21°40	20° 7	23°39	14° 1	S 3
S 4	17 1 30	15°34'26	23° 5	10°49	0♉ 3	23°59	18°42	25°54	21°58	4°18	3°54	21°37	20° 4	23°46	14° 0	S 4
M 5	17 5 27	16°31'34	8♐12	11°58	0°58	24°42	18°53	25°57	21°55	4°20	3°55	21°32	20° 0	23°52	13°59	M 5
T 6	17 9 23	17°28'42	23°29	13° 3	1°53	25°25	19° 3	26° 0	21°53	4°22	3°55	21°24	19°57	23°59	13°58	T 6
W 7	17 13 20	18°25'49	8♑45	14° 6	2°48	26° 8	19°14	26° 3	21°50	4°23	3°56	21°16	19°54	24° 6	13°56	W 7
T 8	17 17 16	19°22'57	23°50	15° 5	3°44	26°51	19°24	26° 6	21°48	4°25	3°57	21° 8	19°51	24°13	13°55	T 8
F 9	17 21 13	20°20'05	8♒35	16° 1	4°40	27°34	19°34	26° 9	21°46	4°27	3°58	21° 1	19°48	24°19	13°53	F 9
S 10	17 25 10	21°17'13	22°54	16°53	5°37	28°16	19°45	26°11	21°43	4°28	3°59	20°56	19°45	24°26	13°52	S 10
S 11	17 29 6	22°14'21	6♓44	17°43	6°34	28°59	19°55	26°14	21°41	4°30	4° 0	20°53	19°41	24°33	13°50	S 11
M12	17 33 3	23°11'29	20° 6	18°28	7°32	29°42	20° 5	26°16	21°38	4°32	4° 1	20°D52	19°38	24°39	13°49	M12
T 13	17 36 59	24° 8'38	3♈ 2	19°10	8°30	0♉24	20°14	26°19	21°36	4°33	4° 2	20°52	19°35	24°46	13°47	T 13
W14	17 40 56	25° 5'47	15°38	19°49	9°29	1° 7	20°24	26°21	21°33	4°35	4° 3	20°R52	19°32	24°53	13°46	W14
T 15	17 44 52	26° 2'57	27°57	20°23	10°28	1°49	20°34	26°23	21°31	4°36	4° 4	20°52	19°29	25° 0	13°44	T 15
F 16	17 48 49	27° 0'07	10♉ 3	20°53	11°27	2°31	20°43	26°25	21°29	4°38	4° 5	20°51	19°26	25° 6	13°42	F 16
S 17	17 52 45	27°57'17	22° 1	21°19	12°26	3°14	20°53	26°27	21°26	4°39	4° 6	20°46	19°22	25°13	13°40	S 17
S 18	17 56 42	28°54'28	3♊54	21°40	13°26	3°56	21° 2	26°29	21°24	4°41	4° 7	20°40	19°19	25°20	13°38	S 18
M19	18 0 39	29°51'39	15°45	21°58	14°27	4°38	21°11	26°31	21°21	4°42	4° 8	20°30	19°16	25°26	13°37	M19
T 20	18 4 35	0♋48'51	27°36	22°10	15°27	5°20	21°20	26°32	21°19	4°44	4° 9	20°19	19°13	25°33	13°35	T 20
W21	18 8 32	1°46'03	9♋28	22°18	16°28	6° 2	21°29	26°34	21°17	4°45	4°11	20° 6	19°10	25°40	13°33	W21
T 22	18 12 28	2°43'15	21°23	22°R21	17°29	6°43	21°38	26°35	21°14	4°47	4°12	19°53	19° 6	25°47	13°31	T 22
F 23	18 16 25	3°40'28	3♌23	22°19	18°31	7°25	21°46	26°37	21°12	4°48	4°13	19°41	19° 3	25°53	13°28	F 23
S 24	18 20 21	4°37'41	15°29	22°13	19°32	8° 7	21°55	26°38	21° 9	4°49	4°14	19°31	19° 0	26° 0	13°26	S 24
S 25	18 24 18	5°34'54	27°44	22° 1	20°34	8°48	22° 3	26°39	21° 7	4°51	4°16	19°23	18°57	26° 7	13°24	S 25
M26	18 28 15	6°32'07	10♍ 9	21°45	21°37	9°30	22°12	26°40	21° 5	4°52	4°17	19°18	18°54	26°13	13°22	M26
T 27	18 32 11	7°29'21	22°50	21°25	22°39	10°11	22°20	26°41	21° 2	4°53	4°18	19°16	18°51	26°20	13°20	T 27
W28	18 36 8	8°26'35	5♎48	21° 0	23°42	10°52	22°28	26°42	21° 0	4°55	4°20	19°D15	18°47	26°27	13°17	W28
T 29	18 40 4	9°23'49	19° 9	20°30	24°45	11°33	22°35	26°43	20°58	4°56	4°21	19°R15	18°44	26°34	13°15	T 29
F 30	18 44 1	10♋21'04	2♏54	19♋57	25♉48	12♉14	22♈43	26♓43	20♐56	4♉57	4♍23	19♎15	18♎41	26♊40	13♒13	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n29	4s57	1s 2	24n56	1n32	8n 1	2s47	7n30	1s 9	6n 2	1s13	3s48	2s18	23s33	0s12	11n17	1s50	24n19	15n18	8s30	7s57	18n51	10s35	6n24
F 2	22 36	9 10	0n12	24 44	1 24	8 18	2 49	7 46	1 8	6 6	1 13	3 47	2 18	23 33	0 12	11 18	1 50	24 19	15 18	8 31	7 56	18 51	10 35	6 25
S 3	22 42	12 59	1 28	24 31	1 17	8 35	2 51	8 3	1 8	6 10	1 13	3 46	2 18	23 33	0 12	11 18	1 50	24 18	15 17	8 30	7 55	18 51	10 35	6 25
S 4	22 49	16 5	2 40	24 18	1 8	8 52	2 53	8 19	1 7	6 14	1 14	3 45	2 18	23 33	0 12	11 19	1 50	24 18	15 17	8 29	7 54	18 51	10 35	6 25
M 5	22 55	18 9	3 43	24 3	1 0	9 9	2 55	8 36	1 7	6 18	1 14	3 44	2 19	23 33	0 12	11 19	1 50	24 17	15 16	8 27	7 52	18 50	10 35	6 26
T 6	23 0	18 57	4 30	23 47	0 50	9 27	2 57	8 52	1 7	6 22	1 14	3 43	2 19	23 33	0 12	11 20	1 50	24 16	15 16	8 24	7 51	18 50	10 35	6 26
W 7	23 6	18 21	4 58	23 31	0 40	9 44	2 58	9 8	1 6	6 26	1 14	3 42	2 19	23 33	0 12	11 21	1 50	24 16	15 15	8 21	7 50	18 50	10 35	6 26
T 8	23 10	16 29	5 5	23 14	0 29	10 2	2 59	9 24	1 6	6 30	1 14	3 42	2 19	23 33	0 12	11 21	1 50	24 15	15 15	8 18	7 49	18 50	10 35	6 27
F 9	23 15	13 33	4 51	22 56	0 18	10 20	3 0	9 40	1 5	6 34	1 14	3 41	2 20	23 32	0 12	11 22	1 50	24 14	15 15	8 15	7 48	18 50	10 35	6 27
S 10	23 19	9 54	4 19	22 38	0 7	10 38	3 1	9 55	1 5	6 37	1 15	3 40	2 20	23 32	0 12	11 22	1 50	24 13	15 14	8 13	7 46	18 50	10 36	6 27
S 11	23 22	5 48	3 33	22 20	0s 5	10 56	3 2	10 11	1 4	6 41	1 15	3 39	2 20	23 32	0 12	11 23	1 50	24 13	15 14	8 12	7 45	18 50	10 36	6 28
M12	23 25	1 33	2 37	22 1	0 18	11 14	3 3	10 27	1 4	6 45	1 15	3 38	2 21	23 32	0 12	11 23	1 50	24 12	15 13	8 12	7 44	18 50	10 36	6 28
T 13	23 28	2n39	1 34	21 43	0 31	11 33	3 3	10 42	1 3	6 48	1 15	3 38	2 21	23 32	0 12	11 24	1 50	24 11	15 13	8 12	7 43	18 50	10 36	6 28
W14	23 31	6 37	0 28	21 24	0 44	11 51	3 3	10 57	1 3	6 52	1 15	3 37	2 21	23 32	0 12	11 24	1 50	24 10	15 13	8 12	7 42	18 50	10 36	6 28
T 15	23 32	10 14	0s38	21 5	0 58	12 9	3 4	11 13	1 2	6 55	1 15	3 36	2 21	23 32	0 12	11 25	1 50	24 10	15 12	8 12	7 40	18 49	10 36	6 29
F 16	23 34	13 21	1 40	20 47	1 12	12 27	3 4	11 28	1 2	6 59	1 16	3 36	2 22	23 31	0 12	11 25	1 50	24 9	15 12	8 11	7 39	18 49	10 37	6 29
S 17	23 35	15 51	2 38	20 29	1 26	12 46	3 4	11 43	1 1	7 2	1 16	3 35	2 22	23 31	0 12	11 26	1 51	24 8	15 12	8 10	7 38	18 49	10 37	6 29
S 18	23 36	17 40	3 28	20 11	1 41	13 4	3 3	11 57	1 1	7 5	1 16	3 35	2 22	23 31	0 12	11 26	1 51	24 7	15 11	8 7	7 37	18 49	10 37	6 30
M19	23 36	18 43	4 8	19 54	1 56	13 22	3 3	12 12	1 0	7 9	1 16	3 34	2 23	23 31	0 12	11 26	1 51	24 7	15 11	8 4	7 35	18 49	10 37	6 30
T 20	23 36	18 57	4 38	19 37	2 10	13 40	3 2	12 27	1 0	7 12	1 16	3 34	2 23	23 31	0 12	11 27	1 51	24 6	15 10	7 59	7 34	18 49	10 38	6 30
W21	23 35	18 20	4 56	19 21	2 25	13 58	3 2	12 41	0 59	7 15	1 16	3 34	2 23	23 31	0 12	11 27	1 51	24 5	15 10	7 55	7 33	18 49	10 38	6 30
T 22	23 34	16 56	5 1	19 6	2 40	14 16	3 1	12 56	0 59	7 18	1 17	3 33	2 23	23 30	0 12	11 28	1 51	24 4	15 10	7 50	7 32	18 49	10 38	6 31
F 23	23 33	14 47	4 53	18 52	2 54	14 34	3 0	13 10	0 58	7 21	1 17	3 33	2 24	23 30	0 12	11 28	1 51	24 3	15 9	7 45	7 31	18 48	10 39	6 31
S 24	23 31	11 59	4 31	18 39	3 9	14 52	2 59	13 24	0 58	7 24	1 17	3 33	2 24	23 30	0 12	11 29	1 51	24 3	15 9	7 41	7 29	18 48	10 39	6 31
S 25	23 29	8 38	3 57	18 27	3 23	15 9	2 58	13 38	0 57	7 27	1 17	3 33	2 24	23 30	0 12	11 29	1 51	24 2	15 9	7 38	7 28	18 48	10 39	6 31
M26	23 26	4 52	3 11	18 17	3 36	15 27	2 57	13 52	0 56	7 30	1 17	3 32	2 25	23 30	0 12	11 29	1 51	24 1	15 8	7 36	7 27	18 48	10 40	6 32
T 27	23 23	0 48	2 15	18 7	3 49	15 44	2 56	14 5	0 56	7 33	1 18	3 32	2 25	23 30	0 12	11 30	1 51	24 0	15 8	7 35	7 26	18 48	10 40	6 32
W28	23 20	3s24	1 11	17 59	4 0	16 1	2 54	14 19	0 55	7 36	1 18	3 32	2 25	23 30	0 12	11 30	1 51	23 59	15 8	7 35	7 25	18 48	10 41	6 32
T 29	23 16	7 33	0 1	17 53	4 11	16 18	2 53	14 32	0 55	7 38	1 18	3 32	2 25	23 29	0 12	11 30	1 51	23 58	15 7	7 35	7 23	18 47	10 41	6 32
F 30	23n12	11s26	1n12	17n48	4s21	16n34	2s51	14n45	0s54	7n41	1s18	3s32	2s26	23s29	0s12	11n31	1s51	23n58	15n 7	7s35	7s22	18n47	10s41	6n33

Julian Day Number = 1987841.5, Delta T = 56m15s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'20, Lahiri = 6°10'20 Julian Calendar 1 June 730 == Greg. Calendar 5 June 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

JULY 730 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 47 57	11♋18'19	17♏ 6	19°R21	26♉52	12♉55	22♈51	26♓44	20°R53	4♉58	4♍24	19°R13	18♎38	26♊47	13°R10	S 1
S 2	18 51 54	12°15'34	1♐43	18♋42	27°56	13°36	22°58	26°44	20♐51	4°59	4°26	19♎ 8	18°35	26°54	13♒ 8	S 2
M 3	18 55 50	13°12'50	16°42	18° 1	29° 0	14°17	23° 5	26°45	20°49	5° 0	4°27	19° 1	18°32	27° 0	13° 5	M 3
T 4	18 59 47	14°10'07	1♑55	17°18	0♊ 4	14°58	23°12	26°45	20°47	5° 1	4°29	18°52	18°28	27° 7	13° 3	T 4
W 5	19 3 44	15° 7'24	17°11	16°35	1° 8	15°39	23°19	26°45	20°45	5° 2	4°30	18°42	18°25	27°14	13° 0	W 5
T 6	19 7 40	16° 4'42	2♒20	15°51	2°13	16°19	23°26	26°R45	20°43	5° 3	4°32	18°31	18°22	27°21	12°57	T 6
F 7	19 11 37	17° 2'01	17°11	15° 8	3°18	16°59	23°33	26°45	20°41	5° 4	4°33	18°21	18°19	27°27	12°55	F 7
S 8	19 15 33	17°59'21	1♓37	14°27	4°23	17°40	23°39	26°45	20°38	5° 5	4°35	18°14	18°16	27°34	12°52	S 8
S 9	19 19 30	18°56'43	15°34	13°48	5°28	18°20	23°46	26°45	20°36	5° 6	4°37	18° 9	18°12	27°41	12°49	S 9
M10	19 23 26	19°54'05	29° 1	13°12	6°34	19° 0	23°52	26°44	20°34	5° 7	4°38	18° 7	18° 9	27°47	12°47	M10
T 11	19 27 23	20°51'28	12♈ 1	12°40	7°39	19°40	23°58	26°44	20°32	5° 8	4°40	18° 6	18° 6	27°54	12°44	T 11
W12	19 31 19	21°48'53	24°37	12°12	8°45	20°20	24° 4	26°43	20°30	5° 9	4°42	18° 6	18° 3	28° 1	12°41	W12
T 13	19 35 16	22°46'19	6♉55	11°49	9°51	21° 0	24° 9	26°42	20°28	5° 9	4°43	18° 5	18° 0	28° 8	12°38	T 13
F 14	19 39 13	23°43'47	18°59	11°32	10°57	21°40	24°15	26°42	20°27	5°10	4°45	18° 3	17°57	28°14	12°36	F 14
S 15	19 43 9	24°41'16	0♊54	11°21	12° 4	22°19	24°20	26°41	20°25	5°11	4°47	17°59	17°53	28°21	12°33	S 15
S 16	19 47 6	25°38'46	12°45	11°D16	13°10	22°59	24°25	26°40	20°23	5°12	4°49	17°52	17°50	28°28	12°30	S 16
M17	19 51 2	26°36'17	24°35	11°17	14°17	23°38	24°30	26°39	20°21	5°12	4°51	17°42	17°47	28°34	12°27	M17
T 18	19 54 59	27°33'50	6♋27	11°25	15°24	24°18	24°35	26°38	20°19	5°13	4°52	17°30	17°44	28°41	12°24	T 18
W19	19 58 55	28°31'24	18°24	11°41	16°31	24°57	24°40	26°36	20°18	5°14	4°54	17°17	17°41	28°48	12°21	W19
T 20	20 2 52	29°29'00	0♌26	12° 3	17°38	25°36	24°44	26°35	20°16	5°14	4°56	17° 3	17°38	28°55	12°18	T 20
F 21	20 6 48	0♌26'36	12°35	12°32	18°46	26°15	24°49	26°33	20°14	5°15	4°58	16°51	17°34	29° 1	12°15	F 21
S 22	20 10 45	1°24'14	24°51	13° 8	19°53	26°54	24°53	26°32	20°13	5°15	5° 0	16°40	17°31	29° 8	12°12	S 22
S 23	20 14 42	2°21'53	7♍17	13°51	21° 1	27°33	24°57	26°30	20°11	5°16	5° 2	16°32	17°28	29°15	12° 9	S 23
M24	20 18 38	3°19'33	19°53	14°41	22° 9	28°11	25° 1	26°28	20° 9	5°16	5° 4	16°27	17°25	29°21	12° 6	M24
T 25	20 22 35	4°17'14	2♎41	15°37	23°17	28°50	25° 4	26°26	20° 8	5°16	5° 6	16°24	17°22	29°28	12° 3	T 25
W26	20 26 31	5°14'57	15°44	16°40	24°25	29°28	25° 8	26°24	20° 6	5°17	5° 8	16°D23	17°18	29°35	12° 0	W26
T 27	20 30 28	6°12'40	29° 4	17°49	25°33	0♊ 7	25°11	26°22	20° 5	5°17	5°10	16°23	17°15	29°42	11°57	T 27
F 28	20 34 24	7°10'25	12♏45	19° 4	26°41	0°45	25°14	26°20	20° 3	5°17	5°12	16°R23	17°12	29°48	11°54	F 28
S 29	20 38 21	8° 8'11	26°46	20°24	27°50	1°23	25°17	26°18	20° 2	5°18	5°14	16°22	17° 9	29°55	11°51	S 29
S 30	20 42 17	9° 5'58	11♐ 9	21°50	28°58	2° 1	25°19	26°16	20° 1	5°18	5°16	16°19	17° 6	0♋ 2	11°48	S 30
M31	20 46 14	10♌ 3'46	25♐51	23♋21	0♋ 7	2♊39	25♈22	26♓13	20♐ 0	5♉18	5♍18	16♎13	17♎ 3	0♋ 8	11♒45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	14s48	2n22	17n44	4s30	16n51	2s49	14n58	0s53	7n44	1s18	3s32	2s26	23s29	0s12	11n31	1s51	23n57	15n 7	7s34	7s21	18n47	10s42	6n33
S 2	23 2	17 19	3 24	17 43	4 37	17 7	2 47	15 11	0 53	7 46	1 19	3 32	2 26	23 29	0 12	11 31	1 51	23 56	15 6	7 33	7 20	18 47	10 42	6 33
M 3	22 56	18 43	4 15	17 42	4 43	17 23	2 45	15 24	0 52	7 49	1 19	3 32	2 27	23 29	0 12	11 32	1 51	23 55	15 6	7 30	7 18	18 47	10 43	6 33
T 4	22 50	18 48	4 48	17 44	4 47	17 38	2 43	15 37	0 52	7 51	1 19	3 33	2 27	23 29	0 12	11 32	1 51	23 54	15 6	7 26	7 17	18 47	10 43	6 33
W 5	22 44	17 31	5 0	17 47	4 49	17 54	2 41	15 49	0 51	7 54	1 19	3 33	2 27	23 29	0 12	11 32	1 51	23 53	15 5	7 22	7 16	18 46	10 44	6 34
T 6	22 38	15 2	4 52	17 51	4 50	18 9	2 39	16 2	0 50	7 56	1 19	3 33	2 27	23 28	0 12	11 33	1 52	23 52	15 5	7 18	7 15	18 46	10 44	6 34
F 7	22 30	11 36	4 24	17 57	4 49	18 23	2 37	16 14	0 50	7 58	1 20	3 33	2 28	23 28	0 12	11 33	1 52	23 51	15 5	7 15	7 14	18 46	10 45	6 34
S 8	22 23	7 33	3 39	18 4	4 46	18 38	2 35	16 26	0 49	8 0	1 20	3 34	2 28	23 28	0 12	11 33	1 52	23 51	15 4	7 12	7 12	18 46	10 46	6 34
S 9	22 15	3 14	2 43	18 13	4 42	18 52	2 32	16 38	0 48	8 3	1 20	3 34	2 28	23 28	0 12	11 33	1 52	23 50	15 4	7 10	7 11	18 46	10 46	6 34
M10	22 7	1n 7	1 39	18 22	4 35	19 6	2 30	16 50	0 47	8 5	1 20	3 34	2 29	23 28	0 12	11 34	1 52	23 49	15 4	7 9	7 10	18 45	10 47	6 34
T 11	21 58	5 16	0 32	18 33	4 28	19 19	2 27	17 1	0 47	8 7	1 21	3 35	2 29	23 28	0 12	11 34	1 52	23 48	15 4	7 9	7 9	18 45	10 47	6 34
W12	21 49	9 4	0s34	18 45	4 18	19 32	2 24	17 13	0 46	8 9	1 21	3 35	2 29	23 28	0 12	11 34	1 52	23 47	15 3	7 9	7 8	18 45	10 48	6 35
T 13	21 40	12 22	1 38	18 58	4 8	19 44	2 22	17 24	0 45	8 11	1 21	3 36	2 29	23 27	0 12	11 34	1 52	23 46	15 3	7 8	7 6	18 45	10 49	6 35
F 14	21 30	15 5	2 36	19 11	3 56	19 57	2 19	17 35	0 45	8 12	1 21	3 37	2 30	23 27	0 12	11 34	1 52	23 45	15 3	7 8	7 5	18 45	10 49	6 35
S 15	21 20	17 7	3 26	19 25	3 43	20 8	2 16	17 46	0 44	8 14	1 21	3 37	2 30	23 27	0 12	11 35	1 52	23 44	15 3	7 6	7 4	18 44	10 50	6 35
S 16	21 9	18 24	4 6	19 39	3 29	20 20	2 13	17 57	0 43	8 16	1 22	3 38	2 30	23 27	0 12	11 35	1 52	23 43	15 2	7 3	7 3	18 44	10 51	6 35
M17	20 59	18 53	4 37	19 53	3 14	20 31	2 10	18 8	0 42	8 18	1 22	3 38	2 30	23 27	0 12	11 35	1 52	23 42	15 2	7 0	7 1	18 44	10 51	6 35
T 18	20 47	18 32	4 55	20 8	2 59	20 41	2 7	18 18	0 42	8 19	1 22	3 39	2 31	23 27	0 12	11 35	1 52	23 42	15 2	6 55	7 0	18 44	10 52	6 35
W19	20 36	17 22	5 0	20 23	2 43	20 51	2 4	18 28	0 41	8 21	1 22	3 40	2 31	23 27	0 12	11 35	1 52	23 41	15 2	6 50	6 59	18 44	10 53	6 35
T 20	20 24	15 26	4 52	20 37	2 27	21 1	2 1	18 38	0 40	8 22	1 23	3 41	2 31	23 27	0 12	11 35	1 52	23 40	15 1	6 45	6 58	18 43	10 54	6 35
F 21	20 11	12 49	4 31	20 50	2 11	21 10	1 58	18 48	0 39	8 23	1 23	3 42	2 32	23 26	0 12	11 36	1 52	23 39	15 1	6 40	6 57	18 43	10 54	6 36
S 22	19 59	9 36	3 57	21 3	1 54	21 18	1 55	18 58	0 38	8 25	1 23	3 43	2 32	23 26	0 12	11 36	1 53	23 38	15 1	6 36	6 55	18 43	10 55	6 36
S 23	19 46	5 56	3 11	21 15	1 38	21 26	1 52	19 8	0 38	8 26	1 23	3 43	2 32	23 26	0 12	11 36	1 53	23 37	15 1	6 32	6 54	18 43	10 56	6 36
M24	19 33	1 57	2 16	21 26	1 21	21 34	1 48	19 18	0 37	8 27	1 23	3 44	2 32	23 26	0 12	11 36	1 53	23 36	15 1	6 30	6 53	18 42	10 57	6 36
T 25	19 19	2s10	1 12	21 36	1 5	21 41	1 45	19 27	0 36	8 28	1 24	3 45	2 33	23 26	0 12	11 36	1 53	23 35	15 0	6 29	6 52	18 42	10 57	6 36
W26	19 5	6 17	0 3	21 44	0 50	21 47	1 42	19 36	0 35	8 29	1 24	3 46	2 33	23 26	0 12	11 36	1 53	23 34	15 0	6 29	6 50	18 42	10 58	6 36
T 27	18 51	10 11	1n 7	21 50	0 34	21 53	1 39	19 45	0 34	8 30	1 24	3 47	2 33	23 26	0 12	11 36	1 53	23 33	15 0	6 29	6 49	18 42	10 59	6 36
F 28	18 36	13 37	2 15	21 55	0 19	21 58	1 35	19 54	0 34	8 31	1 24	3 49	2 33	23 26	0 12	11 36	1 53	23 32	15 0	6 29	6 48	18 41	11 0	6 36
S 29	18 21	16 22	3 17	21 57	0 5	22 3	1 32	20 3	0 33	8 32	1 25	3 50	2 34	23 26	0 12	11 36	1 53	23 31	15 0	6 29	6 47	18 41	11 1	6 36
S 30	18 6	18 10	4 8	21 57	0n 8	22 8	1 28	20 11	0 32	8 33	1 25	3 51	2 34	23 25	0 12	11 36	1 53	23 31	15 0	6 27	6 46	18 41	11 1	6 36
M31	17n51	18s48	4n44	21n55	0n21	22n11	1s25	20n19	0s31	8n33	1s25	3s52	2s34	23s25	0s12	11n36	1s53	23n30	14n59	6s25	6s44	18n41	11s 2	6n36

Julian Day Number = 1987871.5, Delta T = 56m15s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'24, Lahiri = 6°10'24 Julian Calendar 1 July 730 == Greg. Calendar 5 July 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

AUGUST 730 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 50 11	11♌ 1'36	10♉45	24♋57	1♋16	3♊16	25♈24	26°R11	19°R58	5♉18	5♍20	16°R 5	16♎59	0♋15	11°R42	T 1
W 2	20 54 7	11°59'27	25°46	26°36	2°25	3°54	25°26	26♓ 8	19♐57	5°18	5°22	15♎56	16°56	0°22	11♒39	W 2
T 3	20 58 4	12°57'19	10♒43	28°19	3°34	4°31	25°28	26° 5	19°56	5°19	5°24	15°46	16°53	0°29	11°36	T 3
F 4	21 2 0	13°55'14	25°26	0♌ 6	4°43	5° 9	25°30	26° 2	19°55	5°19	5°26	15°38	16°50	0°35	11°33	F 4
S 5	21 5 57	14°53'09	9♓49	1°55	5°53	5°46	25°31	26° 0	19°54	5°19	5°28	15°31	16°47	0°42	11°30	S 5
S 6	21 9 53	15°51'07	23°47	3°46	7° 2	6°23	25°33	25°57	19°53	5°R19	5°30	15°27	16°44	0°49	11°27	S 6
M 7	21 13 50	16°49'06	7♈17	5°39	8°12	7° 0	25°34	25°54	19°52	5°19	5°32	15°25	16°40	0°55	11°24	M 7
T 8	21 17 46	17°47'07	20°20	7°34	9°22	7°37	25°35	25°50	19°51	5°19	5°34	15°D25	16°37	1° 2	11°21	T 8
W 9	21 21 43	18°45'10	2♉59	9°30	10°32	8°13	25°35	25°47	19°50	5°18	5°36	15°25	16°34	1° 9	11°18	W 9
T 10	21 25 39	19°43'16	15°20	11°27	11°42	8°50	25°36	25°44	19°49	5°18	5°39	15°R26	16°31	1°16	11°15	T 10
F 11	21 29 36	20°41'23	27°25	13°24	12°52	9°26	25°36	25°41	19°48	5°18	5°41	15°26	16°28	1°22	11°12	F 11
S 12	21 33 33	21°39'32	9♊21	15°21	14° 2	10° 2	25°R36	25°37	19°48	5°18	5°43	15°24	16°24	1°29	11° 9	S 12
S 13	21 37 29	22°37'44	21°13	17°18	15°12	10°38	25°36	25°34	19°47	5°18	5°45	15°20	16°21	1°36	11° 6	S 13
M14	21 41 26	23°35'57	3♋ 5	19°15	16°23	11°14	25°36	25°30	19°46	5°17	5°47	15°14	16°18	1°43	11° 3	M14
T 15	21 45 22	24°34'12	15° 0	21°11	17°33	11°50	25°35	25°26	19°46	5°17	5°49	15° 6	16°15	1°49	11° 0	T 15
W16	21 49 19	25°32'30	27° 1	23° 7	18°44	12°26	25°35	25°23	19°45	5°17	5°52	14°57	16°12	1°56	10°57	W16
T 17	21 53 15	26°30'49	9♌12	25° 2	19°55	13° 1	25°34	25°19	19°45	5°17	5°54	14°48	16° 9	2° 3	10°54	T 17
F 18	21 57 12	27°29'10	21°32	26°56	21° 6	13°37	25°33	25°15	19°44	5°16	5°56	14°40	16° 5	2° 9	10°51	F 18
S 19	22 1 8	28°27'34	4♍ 3	28°49	22°17	14°12	25°31	25°11	19°44	5°16	5°58	14°32	16° 2	2°16	10°48	S 19
S 20	22 5 5	29°25'59	16°46	0♍42	23°28	14°47	25°30	25° 7	19°43	5°15	6° 0	14°27	15°59	2°23	10°46	S 20
M21	22 9 2	0♍24'26	29°40	2°33	24°39	15°22	25°28	25° 3	19°43	5°15	6° 3	14°24	15°56	2°30	10°43	M21
T 22	22 12 58	1°22'54	12♎45	4°23	25°50	15°56	25°26	24°59	19°43	5°14	6° 5	14°D23	15°53	2°36	10°40	T 22
W23	22 16 55	2°21'25	26° 3	6°13	27° 1	16°31	25°24	24°55	19°43	5°14	6° 7	14°23	15°49	2°43	10°37	W23
T 24	22 20 51	3°19'57	9♏34	8° 1	28°13	17° 5	25°22	24°51	19°42	5°13	6° 9	14°25	15°46	2°50	10°34	T 24
F 25	22 24 48	4°18'31	23°19	9°48	29°24	17°39	25°19	24°47	19°42	5°12	6°11	14°26	15°43	2°56	10°32	F 25
S 26	22 28 44	5°17'06	7♐17	11°34	0♎36	18°13	25°17	24°42	19°D42	5°12	6°14	14°R26	15°40	3° 3	10°29	S 26
S 27	22 32 41	6°15'44	21°29	13°19	1°48	18°47	25°14	24°38	19°42	5°11	6°16	14°25	15°37	3°10	10°26	S 27
M28	22 36 37	7°14'23	5♑52	15° 3	3° 0	19°20	25°11	24°34	19°42	5°10	6°18	14°23	15°34	3°17	10°24	M28
T 29	22 40 34	8°13'04	20°24	16°46	4°11	19°54	25° 8	24°29	19°43	5°10	6°20	14°19	15°30	3°23	10°21	T 29
W30	22 44 31	9°11'46	4♒59	18°28	5°23	20°27	25° 4	24°25	19°43	5° 9	6°22	14°13	15°27	3°30	10°19	W30
T 31	22 48 27	10♍10'30	19♒31	20♍ 9	6♎35	21♊ 0	25♈ 0	24♓20	19♐43	5♉ 8	6♍25	14♎ 8	15♎24	3♋37	10♒16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n35	18s 9	5n 2	21n50	0n33	22n14	1s21	20n28	0s30	8n34	1s25	3s53	2s34	23s25	0s12	11n36	1s53	23n29	14n59	6s22	6s43	18n40	11s 3	6n36
W 2	17 19	16 14	4 59	21 42	0 44	22 17	1 18	20 36	0 29	8 35	1 26	3 55	2 35	23 25	0 12	11 36	1 53	23 28	14 59	6 18	6 42	18 40	11 4	6 36
T 3	17 2	13 15	4 35	21 31	0 54	22 19	1 14	20 43	0 28	8 35	1 26	3 56	2 35	23 25	0 12	11 36	1 53	23 27	14 59	6 15	6 41	18 40	11 5	6 36
F 4	16 46	9 27	3 54	21 18	1 4	22 20	1 11	20 51	0 27	8 35	1 26	3 57	2 35	23 25	0 12	11 36	1 53	23 26	14 59	6 12	6 39	18 40	11 6	6 36
S 5	16 29	5 11	2 58	21 2	1 12	22 21	1 7	20 59	0 26	8 36	1 26	3 59	2 35	23 25	0 12	11 36	1 53	23 25	14 59	6 9	6 38	18 39	11 6	6 36
S 6	16 12	0 46	1 53	20 44	1 19	22 21	1 4	21 6	0 26	8 36	1 26	4 0	2 36	23 25	0 12	11 36	1 53	23 24	14 59	6 7	6 37	18 39	11 7	6 36
M 7	15 54	3n34	0 43	20 22	1 26	22 21	1 0	21 13	0 25	8 36	1 27	4 1	2 36	23 25	0 12	11 36	1 54	23 23	14 59	6 7	6 36	18 39	11 8	6 36
T 8	15 36	7 35	0s26	19 59	1 32	22 20	0 57	21 20	0 24	8 36	1 27	4 3	2 36	23 25	0 12	11 36	1 54	23 22	14 58	6 6	6 35	18 38	11 9	6 35
W 9	15 18	11 8	1 33	19 32	1 36	22 18	0 53	21 27	0 23	8 36	1 27	4 4	2 36	23 25	0 12	11 36	1 54	23 21	14 58	6 7	6 33	18 38	11 10	6 35
T 10	15 0	14 6	2 33	19 4	1 40	22 16	0 50	21 34	0 22	8 36	1 27	4 6	2 36	23 25	0 12	11 36	1 54	23 21	14 58	6 7	6 32	18 38	11 11	6 35
F 11	14 42	16 23	3 26	18 34	1 43	22 13	0 46	21 40	0 21	8 36	1 28	4 7	2 37	23 24	0 12	11 35	1 54	23 20	14 58	6 7	6 31	18 37	11 12	6 35
S 12	14 23	17 55	4 8	18 1	1 45	22 9	0 42	21 47	0 20	8 36	1 28	4 9	2 37	23 24	0 12	11 35	1 54	23 19	14 58	6 6	6 30	18 37	11 13	6 35
S 13	14 4	18 39	4 40	17 27	1 47	22 5	0 39	21 53	0 19	8 36	1 28	4 10	2 37	23 24	0 12	11 35	1 54	23 18	14 58	6 5	6 28	18 37	11 14	6 35
M14	13 45	18 34	5 0	16 51	1 47	22 0	0 35	21 59	0 18	8 35	1 28	4 12	2 37	23 24	0 12	11 35	1 54	23 17	14 58	6 2	6 27	18 37	11 14	6 35
T 15	13 25	17 41	5 6	16 14	1 47	21 55	0 32	22 5	0 17	8 35	1 29	4 14	2 37	23 24	0 12	11 35	1 54	23 16	14 58	5 59	6 26	18 36	11 15	6 35
W16	13 6	15 59	5 0	15 35	1 47	21 49	0 28	22 11	0 16	8 35	1 29	4 15	2 38	23 24	0 12	11 35	1 54	23 15	14 58	5 56	6 25	18 36	11 16	6 35
T 17	12 46	13 35	4 40	14 55	1 46	21 42	0 25	22 16	0 15	8 34	1 29	4 17	2 38	23 24	0 12	11 35	1 54	23 14	14 58	5 52	6 23	18 36	11 17	6 34
F 18	12 26	10 32	4 6	14 14	1 44	21 35	0 21	22 22	0 14	8 34	1 29	4 19	2 38	23 24	0 12	11 34	1 54	23 14	14 58	5 49	6 22	18 35	11 18	6 34
S 19	12 5	6 59	3 20	13 33	1 41	21 27	0 18	22 27	0 13	8 33	1 29	4 20	2 38	23 24	0 12	11 34	1 54	23 13	14 58	5 46	6 21	18 35	11 19	6 34
S 20	11 45	3 3	2 24	12 50	1 39	21 19	0 15	22 32	0 12	8 32	1 30	4 22	2 38	23 24	0 12	11 34	1 54	23 12	14 58	5 44	6 20	18 35	11 20	6 34
M21	11 24	1s 4	1 19	12 7	1 35	21 9	0 11	22 37	0 11	8 31	1 30	4 24	2 38	23 24	0 12	11 34	1 54	23 11	14 58	5 43	6 19	18 34	11 21	6 34
T 22	11 3	5 12	0 9	11 23	1 32	21 0	0 8	22 42	0 9	8 30	1 30	4 26	2 39	23 24	0 12	11 34	1 54	23 10	14 58	5 42	6 17	18 34	11 22	6 34
W23	10 42	9 9	1n 3	10 39	1 28	20 49	0 4	22 46	0 8	8 29	1 30	4 28	2 39	23 24	0 12	11 33	1 54	23 9	14 58	5 43	6 16	18 34	11 23	6 33
T 24	10 21	12 41	2 12	9 54	1 23	20 38	0 1	22 51	0 7	8 28	1 30	4 29	2 39	23 24	0 12	11 33	1 55	23 9	14 58	5 43	6 15	18 33	11 23	6 33
F 25	10 0	15 34	3 16	9 9	1 18	20 27	0n 2	22 55	0 6	8 27	1 31	4 31	2 39	23 24	0 12	11 33	1 55	23 8	14 58	5 44	6 14	18 33	11 24	6 33
S 26	9 38	17 36	4 8	8 24	1 13	20 15	0 5	22 59	0 5	8 26	1 31	4 33	2 39	23 24	0 12	11 33	1 55	23 7	14 58	5 44	6 12	18 33	11 25	6 33
S 27	9 16	18 34	4 47	7 39	1 8	20 2	0 9	23 4	0 4	8 25	1 31	4 35	2 39	23 24	0 12	11 32	1 55	23 6	14 58	5 43	6 11	18 32	11 26	6 33
M28	8 55	18 21	5 8	6 53	1 2	19 49	0 12	23 7	0 3	8 24	1 31	4 37	2 39	23 24	0 12	11 32	1 55	23 5	14 58	5 42	6 10	18 32	11 27	6 32
T 29	8 33	16 57	5 9	6 7	0 56	19 35	0 15	23 11	0 2	8 22	1 31	4 39	2 40	23 24	0 12	11 32	1 55	23 4	14 58	5 41	6 9	18 32	11 28	6 32
W30	8 11	14 27	4 51	5 22	0 50	19 21	0 18	23 15	0 0	8 21	1 32	4 40	2 40	23 24	0 12	11 31	1 55	23 4	14 58	5 39	6 7	18 31	11 29	6 32
T 31	7n48	11s 3	4n14	4n36	0n44	19n 6	0n21	23n18	0n 1	8n19	1s32	4s42	2s40	23s24	0s12	11n31	1s55	23n 3	14n58	5s37	6s 6	18n31	11s30	6n32

Julian Day Number = 1987902.5, Delta T = 56m14s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'28, Lahiri = 6°10'28 Julian Calendar 1 Aug. 730 == Greg. Calendar 5 Aug. 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

SEPTEMBER 730 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 52 24	11♍ 9'17	3♓53	21♍49	7♌48	21♊33	24°R57	24°R16	19♐43	5°R 7	6♍27	14°R 4	15♎21	3♋43	10°R14	F 1
S 2	22 56 20	12° 8'05	18° 0	23°28	9° 0	22° 6	24♈53	24♓11	19°43	5♉ 7	6°29	14♎ 0	15°18	3°50	10♒11	S 2
S 3	23 0 17	13° 6'55	1♈47	25° 7	10°12	22°38	24°48	24° 7	19°44	5° 6	6°31	13°58	15°15	3°57	10° 9	S 3
M 4	23 4 13	14° 5'48	15°12	26°44	11°25	23°10	24°44	24° 2	19°44	5° 5	6°33	13°D57	15°11	4° 4	10° 7	M 4
T 5	23 8 10	15° 4'42	28°14	28°20	12°37	23°43	24°39	23°57	19°45	5° 4	6°36	13°58	15° 8	4°10	10° 4	T 5
W 6	23 12 6	16° 3'39	10♉55	29°55	13°50	24°14	24°35	23°53	19°45	5° 3	6°38	14° 0	15° 5	4°17	10° 2	W 6
T 7	23 16 3	17° 2'39	23°17	1♎30	15° 2	24°46	24°30	23°48	19°46	5° 2	6°40	14° 1	15° 2	4°24	10° 0	T 7
F 8	23 19 59	18° 1'40	5♊25	3° 4	16°15	25°17	24°25	23°43	19°46	5° 1	6°42	14° 3	14°59	4°31	9°57	F 8
S 9	23 23 56	19° 0'44	17°23	4°36	17°28	25°49	24°20	23°39	19°47	5° 0	6°44	14°R 3	14°55	4°37	9°55	S 9
S 10	23 27 53	19°59'51	29°17	6° 8	18°41	26°20	24°14	23°34	19°48	4°59	6°47	14° 3	14°52	4°44	9°53	S 10
M11	23 31 49	20°59'00	11♋ 9	7°39	19°54	26°50	24° 9	23°29	19°49	4°58	6°49	14° 1	14°49	4°51	9°51	M11
T 12	23 35 46	21°58'11	23° 6	9°10	21° 7	27°21	24° 3	23°24	19°49	4°57	6°51	13°59	14°46	4°57	9°49	T 12
W13	23 39 42	22°57'24	5♌12	10°39	22°20	27°51	23°57	23°20	19°50	4°55	6°53	13°56	14°43	5° 4	9°47	W13
T 14	23 43 39	23°56'40	17°28	12° 8	23°33	28°21	23°51	23°15	19°51	4°54	6°55	13°53	14°40	5°11	9°45	T 14
F 15	23 47 35	24°55'58	29°58	13°35	24°46	28°51	23°45	23°10	19°52	4°53	6°57	13°50	14°36	5°18	9°43	F 15
S 16	23 51 32	25°55'18	12♍44	15° 2	26° 0	29°21	23°38	23° 6	19°53	4°52	6°59	13°47	14°33	5°24	9°42	S 16
S 17	23 55 28	26°54'41	25°45	16°28	27°13	29°50	23°32	23° 1	19°54	4°51	7° 2	13°46	14°30	5°31	9°40	S 17
M18	23 59 25	27°54'05	9♎ 1	17°53	28°26	0♋19	23°25	22°56	19°55	4°49	7° 4	13°D45	14°27	5°38	9°38	M18
T 19	0 3 22	28°53'32	22°32	19°17	29°40	0°48	23°19	22°51	19°56	4°48	7° 6	13°45	14°24	5°44	9°36	T 19
W20	0 7 18	29°53'00	6♏14	20°40	0♍54	1°16	23°12	22°47	19°58	4°47	7° 8	13°46	14°21	5°51	9°35	W20
T 21	0 11 15	0♎52'31	20° 7	22° 3	2° 7	1°44	23° 5	22°42	19°59	4°45	7°10	13°47	14°17	5°58	9°33	T 21
F 22	0 15 11	1°52'03	4♐ 8	23°24	3°21	2°12	22°58	22°37	20° 0	4°44	7°12	13°48	14°14	6° 5	9°32	F 22
S 23	0 19 8	2°51'37	18°16	24°44	4°35	2°40	22°51	22°33	20° 2	4°43	7°14	13°48	14°11	6°11	9°30	S 23
S 24	0 23 4	3°51'13	2♑27	26° 3	5°48	3° 7	22°43	22°28	20° 3	4°41	7°16	13°R49	14° 8	6°18	9°29	S 24
M25	0 27 1	4°50'51	16°40	27°20	7° 2	3°34	22°36	22°24	20° 5	4°40	7°18	13°49	14° 5	6°25	9°28	M25
T 26	0 30 57	5°50'31	0♒52	28°37	8°16	4° 1	22°28	22°19	20° 6	4°38	7°20	13°48	14° 1	6°31	9°26	T 26
W27	0 34 54	6°50'12	15° 1	29°52	9°30	4°27	22°21	22°14	20° 8	4°37	7°22	13°47	13°58	6°38	9°25	W27
T 28	0 38 51	7°49'55	29° 4	1♏ 5	10°44	4°54	22°13	22°10	20° 9	4°36	7°24	13°46	13°55	6°45	9°24	T 28
F 29	0 42 47	8°49'40	12♓58	2°17	11°58	5°19	22° 6	22° 6	20°11	4°34	7°26	13°46	13°52	6°52	9°23	F 29
S 30	0 46 44	9♎49'26	26♓39	3♏27	13♍12	5♋45	21♈58	22♓ 1	20♐13	4♉33	7♍28	13♎45	13♎49	6♋58	9♒22	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n26	7s 1	3n21	3n51	0n38	18n50	0n24	23n22	0n 2	8n18	1s32	4s44	2s40	23s24	0s12	11n31	1s55	23n 2	14n58	5s35	6s 5	18n31	11s31	6n32
S 2	7 3	2 40	2 17	3 5	0 31	18 34	0 27	23 25	0 3	8 16	1 32	4 46	2 40	23 24	0 12	11 30	1 55	23 1	14 58	5 33	6 4	18 30	11 31	6 31
S 3	6 41	1n43	1 6	2 20	0 25	18 17	0 30	23 28	0 4	8 14	1 32	4 48	2 40	23 24	0 12	11 30	1 55	23 1	14 59	5 33	6 3	18 30	11 32	6 31
M 4	6 18	5 55	0s 7	1 35	0 18	18 0	0 33	23 31	0 6	8 13	1 33	4 50	2 40	23 24	0 12	11 30	1 55	23 0	14 59	5 32	6 1	18 29	11 33	6 31
T 5	5 55	9 43	1 17	0 50	0 11	17 42	0 36	23 34	0 7	8 11	1 33	4 52	2 40	23 24	0 12	11 29	1 55	22 59	14 59	5 33	6 0	18 29	11 34	6 31
W 6	5 32	12 57	2 22	0 5	0 4	17 24	0 39	23 37	0 8	8 9	1 33	4 54	2 40	23 24	0 12	11 29	1 55	22 58	14 59	5 33	5 59	18 29	11 35	6 30
T 7	5 9	15 30	3 19	0s39	0s 3	17 5	0 41	23 39	0 9	8 7	1 33	4 56	2 40	23 24	0 12	11 29	1 55	22 58	14 59	5 34	5 58	18 28	11 36	6 30
F 8	4 46	17 19	4 6	1 23	0 10	16 46	0 44	23 42	0 11	8 5	1 33	4 58	2 40	23 24	0 12	11 28	1 55	22 57	14 59	5 35	5 56	18 28	11 37	6 30
S 9	4 23	18 20	4 41	2 7	0 18	16 26	0 46	23 44	0 12	8 3	1 33	5 0	2 41	23 24	0 12	11 28	1 55	22 56	14 59	5 35	5 55	18 28	11 37	6 29
S 10	3 59	18 32	5 4	2 50	0 25	16 6	0 49	23 46	0 13	8 1	1 33	5 2	2 41	23 24	0 12	11 27	1 55	22 56	15 0	5 35	5 54	18 27	11 38	6 29
M11	3 36	17 55	5 14	3 33	0 32	15 46	0 52	23 48	0 15	7 59	1 34	5 3	2 41	23 24	0 12	11 27	1 55	22 55	15 0	5 34	5 53	18 27	11 39	6 29
T 12	3 12	16 30	5 10	4 15	0 39	15 25	0 54	23 50	0 16	7 56	1 34	5 5	2 41	23 25	0 12	11 27	1 56	22 54	15 0	5 33	5 51	18 26	11 40	6 28
W13	2 49	14 21	4 53	4 57	0 47	15 3	0 56	23 52	0 17	7 54	1 34	5 7	2 41	23 25	0 12	11 26	1 56	22 54	15 0	5 32	5 50	18 26	11 41	6 28
T 14	2 25	11 32	4 22	5 39	0 54	14 41	0 59	23 54	0 19	7 52	1 34	5 9	2 41	23 25	0 12	11 26	1 56	22 53	15 0	5 31	5 49	18 26	11 42	6 28
F 15	2 2	8 9	3 38	6 20	1 1	14 19	1 1	23 56	0 20	7 49	1 34	5 11	2 41	23 25	0 12	11 25	1 56	22 52	15 0	5 29	5 48	18 25	11 42	6 28
S 16	1 38	4 19	2 43	7 0	1 8	13 56	1 3	23 57	0 21	7 47	1 34	5 13	2 41	23 25	0 12	11 25	1 56	22 52	15 1	5 28	5 46	18 25	11 43	6 27
S 17	1 14	0 12	1 38	7 40	1 15	13 32	1 5	23 59	0 23	7 44	1 34	5 15	2 41	23 25	0 12	11 24	1 56	22 51	15 1	5 28	5 45	18 24	11 44	6 27
M18	0 50	4s 0	0 26	8 20	1 22	13 9	1 7	24 0	0 24	7 42	1 34	5 17	2 41	23 25	0 12	11 24	1 56	22 50	15 1	5 28	5 44	18 24	11 45	6 27
T 19	0 27	8 5	0n48	8 58	1 29	12 45	1 9	24 2	0 26	7 39	1 34	5 19	2 41	23 25	0 12	11 23	1 56	22 50	15 1	5 28	5 43	18 24	11 45	6 26
W20	0 3	11 47	2 1	9 36	1 36	12 20	1 11	24 3	0 27	7 37	1 35	5 21	2 41	23 25	0 12	11 23	1 56	22 49	15 1	5 28	5 41	18 23	11 46	6 26
T 21	0s21	14 52	3 8	10 14	1 43	11 56	1 13	24 4	0 29	7 34	1 35	5 22	2 41	23 25	0 12	11 23	1 56	22 49	15 2	5 28	5 40	18 23	11 47	6 26
F 22	0 45	17 7	4 4	10 50	1 49	11 30	1 15	24 5	0 30	7 31	1 35	5 24	2 41	23 25	0 12	11 22	1 56	22 48	15 2	5 29	5 39	18 22	11 48	6 25
S 23	1 9	18 20	4 46	11 26	1 56	11 5	1 17	24 6	0 32	7 29	1 35	5 26	2 41	23 25	0 12	11 22	1 56	22 47	15 2	5 29	5 38	18 22	11 48	6 25
S 24	1 33	18 24	5 11	12 1	2 2	10 39	1 18	24 7	0 33	7 26	1 35	5 28	2 41	23 26	0 12	11 21	1 56	22 47	15 2	5 29	5 37	18 21	11 49	6 24
M25	1 56	17 19	5 16	12 35	2 8	10 13	1 20	24 8	0 35	7 23	1 35	5 30	2 41	23 26	0 12	11 21	1 56	22 46	15 3	5 29	5 35	18 21	11 50	6 24
T 26	2 20	15 10	5 3	13 8	2 14	9 47	1 21	24 9	0 36	7 20	1 35	5 31	2 41	23 26	0 12	11 20	1 56	22 46	15 3	5 29	5 34	18 21	11 50	6 24
W27	2 44	12 7	4 31	13 40	2 20	9 20	1 23	24 9	0 38	7 17	1 35	5 33	2 41	23 26	0 12	11 20	1 56	22 45	15 3	5 29	5 33	18 20	11 51	6 23
T 28	3 8	8 23	3 43	14 12	2 25	8 53	1 24	24 10	0 39	7 14	1 35	5 35	2 40	23 26	0 12	11 19	1 56	22 45	15 4	5 28	5 32	18 20	11 52	6 23
F 29	3 31	4 14	2 43	14 42	2 30	8 26	1 25	24 11	0 41	7 12	1 35	5 37	2 40	23 26	0 12	11 18	1 56	22 44	15 4	5 28	5 30	18 19	11 52	6 23
S 30	3s55	0n 5	1n34	15s10	2s35	7n58	1n27	24n11	0n43	7n 9	1s35	5s38	2s40	23s26	0s12	11n18	1s56	22n44	15n 4	5s28	5s29	18n19	11s53	6n22

Julian Day Number = 1987933.5, Delta T = 56m13s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'32, Lahiri = 6°10'33 Julian Calendar 1 Sept. 730 == Greg. Calendar 5 Sept. 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

OCTOBER 730 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 50 40	10♎49'15	10♈ 5	4♏35	14♍27	6♋10	21°R50	21°R57	20♐14	4°R31	7♍30	13°D45	13♎46	7♋ 5	9°R21	S 1
M 2	0 54 37	11°49'06	23°15	5°41	15°41	6°35	21♈42	21♓53	20°16	4♉29	7°32	13♎45	13°42	7°12	9♒20	M 2
T 3	0 58 33	12°48'58	6♉ 8	6°45	16°55	6°59	21°34	21°48	20°18	4°28	7°34	13°45	13°39	7°19	9°19	T 3
W 4	1 2 30	13°48'53	18°45	7°46	18° 9	7°23	21°26	21°44	20°20	4°26	7°36	13°R46	13°36	7°25	9°18	W 4
T 5	1 6 26	14°48'50	1♊ 6	8°44	19°24	7°47	21°18	21°40	20°22	4°25	7°37	13°45	13°33	7°32	9°17	T 5
F 6	1 10 23	15°48'49	13°14	9°39	20°38	8°10	21°10	21°36	20°24	4°23	7°39	13°45	13°30	7°39	9°17	F 6
S 7	1 14 19	16°48'51	25°13	10°30	21°53	8°33	21° 2	21°32	20°26	4°22	7°41	13°45	13°26	7°45	9°16	S 7
S 8	1 18 16	17°48'55	7♋ 7	11°18	23° 7	8°56	20°54	21°28	20°28	4°20	7°43	13°45	13°23	7°52	9°16	S 8
M 9	1 22 13	18°49'00	19° 0	12° 1	24°22	9°18	20°46	21°24	20°30	4°18	7°45	13°D45	13°20	7°59	9°15	M 9
T 10	1 26 9	19°49'08	0♌56	12°39	25°36	9°40	20°37	21°20	20°32	4°17	7°46	13°45	13°17	8° 6	9°15	T 10
W11	1 30 6	20°49'18	13° 1	13°11	26°51	10° 1	20°29	21°16	20°34	4°15	7°48	13°45	13°14	8°12	9°14	W11
T 12	1 34 2	21°49'30	25°19	13°38	28° 6	10°22	20°21	21°12	20°37	4°14	7°50	13°46	13°11	8°19	9°14	T 12
F 13	1 37 59	22°49'45	7♍53	13°58	29°20	10°43	20°13	21° 9	20°39	4°12	7°52	13°47	13° 7	8°26	9°14	F 13
S 14	1 41 55	23°50'01	20°47	14°10	0♎35	11° 3	20° 5	21° 5	20°41	4°10	7°53	13°48	13° 4	8°33	9°14	S 14
S 15	1 45 52	24°50'19	4♎ 1	14°R15	1°50	11°23	19°57	21° 2	20°43	4° 9	7°55	13°48	13° 1	8°39	9°13	S 15
M16	1 49 48	25°50'39	17°37	14°11	3° 5	11°42	19°48	20°58	20°46	4° 7	7°57	13°R48	12°58	8°46	9°D13	M16
T 17	1 53 45	26°51'01	1♏32	13°58	4°20	12° 0	19°40	20°55	20°48	4° 5	7°58	13°48	12°55	8°53	9°13	T 17
W18	1 57 42	27°51'25	15°44	13°35	5°35	12°19	19°32	20°51	20°51	4° 4	8° 0	13°47	12°52	8°59	9°13	W18
T 19	2 1 38	28°51'51	0♐ 6	13° 2	6°50	12°36	19°24	20°48	20°53	4° 2	8° 1	13°45	12°48	9° 6	9°14	T 19
F 20	2 5 35	29°52'18	14°34	12°19	8° 4	12°53	19°17	20°45	20°56	4° 0	8° 3	13°43	12°45	9°13	9°14	F 20
S 21	2 9 31	0♏52'46	29° 3	11°26	9°19	13°10	19° 9	20°42	20°58	3°58	8° 4	13°41	12°42	9°20	9°14	S 21
S 22	2 13 28	1°53'16	13♑26	10°24	10°34	13°26	19° 1	20°39	21° 1	3°57	8° 6	13°39	12°39	9°26	9°14	S 22
M23	2 17 24	2°53'47	27°42	9°15	11°49	13°42	18°53	20°36	21° 4	3°55	8° 7	13°D38	12°36	9°33	9°15	M23
T 24	2 21 21	3°54'20	11♒46	7°59	13° 5	13°57	18°46	20°33	21° 6	3°53	8° 9	13°38	12°32	9°40	9°15	T 24
W25	2 25 17	4°54'54	25°38	6°40	14°20	14°11	18°38	20°31	21° 9	3°52	8°10	13°39	12°29	9°46	9°16	W25
T 26	2 29 14	5°55'29	9♓18	5°19	15°35	14°25	18°31	20°28	21°12	3°50	8°12	13°41	12°26	9°53	9°16	T 26
F 27	2 33 11	6°56'05	22°45	3°59	16°50	14°39	18°23	20°26	21°15	3°48	8°13	13°42	12°23	10° 0	9°17	F 27
S 28	2 37 7	7°56'42	5♈59	2°43	18° 5	14°52	18°16	20°23	21°18	3°47	8°14	13°43	12°20	10° 7	9°18	S 28
S 29	2 41 4	8°57'21	19° 1	1°33	19°20	15° 4	18° 9	20°21	21°20	3°45	8°16	13°R43	12°17	10°13	9°18	S 29
M30	2 45 0	9°58'02	1♉50	0°31	20°35	15°15	18° 2	20°19	21°23	3°43	8°17	13°42	12°13	10°20	9°19	M30
T 31	2 48 57	10♏58'43	14♉28	29♎40	21♎51	15♋26	17♈55	20♓17	21♐26	3♉42	8♍18	13♎40	12♎10	10♋27	9♒20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s19	4n20	0n20	15s38	2s39	7n31	1n28	24n12	0n44	7n 6	1s35	5s40	2s40	23s26	0s12	11n17	1s56	22n43	15n 4	5s28	5s28	18n18	11s54	6n22
M 2	4 42	8 17	0s52	16 4	2 43	7 3	1 29	24 12	0 46	7 3	1 35	5 42	2 40	23 27	0 12	11 17	1 56	22 43	15 5	5 28	5 27	18 18	11 54	6 21
T 3	5 6	11 45	2 1	16 29	2 47	6 34	1 30	24 13	0 48	7 0	1 35	5 43	2 40	23 27	0 12	11 16	1 56	22 42	15 5	5 28	5 25	18 17	11 55	6 21
W 4	5 29	14 36	3 2	16 52	2 50	6 6	1 31	24 13	0 49	6 57	1 35	5 45	2 40	23 27	0 12	11 16	1 56	22 42	15 5	5 28	5 24	18 17	11 56	6 21
T 5	5 53	16 42	3 54	17 14	2 53	5 37	1 31	24 13	0 51	6 54	1 35	5 46	2 40	23 27	0 12	11 15	1 56	22 42	15 6	5 28	5 23	18 17	11 56	6 20
F 6	6 16	18 1	4 33	17 34	2 55	5 9	1 32	24 14	0 53	6 51	1 35	5 48	2 40	23 27	0 12	11 15	1 56	22 41	15 6	5 28	5 22	18 16	11 57	6 20
S 7	6 39	18 30	5 1	17 52	2 57	4 40	1 33	24 14	0 55	6 48	1 35	5 49	2 40	23 27	0 12	11 14	1 56	22 41	15 6	5 28	5 20	18 16	11 57	6 19
S 8	7 2	18 10	5 15	18 8	2 58	4 11	1 33	24 14	0 56	6 45	1 35	5 51	2 40	23 27	0 12	11 14	1 56	22 40	15 7	5 28	5 19	18 15	11 58	6 19
M 9	7 25	17 2	5 16	18 21	2 58	3 41	1 34	24 14	0 58	6 42	1 35	5 52	2 40	23 28	0 12	11 13	1 56	22 40	15 7	5 27	5 18	18 15	11 58	6 19
T 10	7 48	15 9	5 3	18 32	2 57	3 12	1 34	24 15	1 0	6 39	1 35	5 54	2 39	23 28	0 12	11 12	1 56	22 40	15 8	5 28	5 17	18 14	11 59	6 18
W11	8 11	12 36	4 37	18 41	2 55	2 43	1 35	24 15	1 2	6 36	1 35	5 55	2 39	23 28	0 12	11 12	1 56	22 39	15 8	5 28	5 15	18 14	11 59	6 18
T 12	8 34	9 26	3 58	18 46	2 52	2 13	1 35	24 15	1 4	6 33	1 35	5 57	2 39	23 28	0 12	11 11	1 56	22 39	15 8	5 28	5 14	18 13	12 0	6 17
F 13	8 56	5 48	3 6	18 49	2 49	1 43	1 35	24 15	1 6	6 30	1 35	5 58	2 39	23 28	0 12	11 11	1 56	22 39	15 9	5 28	5 13	18 13	12 0	6 17
S 14	9 19	1 47	2 4	18 48	2 43	1 13	1 36	24 16	1 8	6 27	1 34	5 59	2 39	23 28	0 12	11 10	1 56	22 38	15 9	5 29	5 12	18 12	12 1	6 17
S 15	9 41	2s26	0 54	18 43	2 37	0 44	1 36	24 16	1 10	6 24	1 34	6 1	2 39	23 28	0 12	11 10	1 56	22 38	15 9	5 29	5 10	18 12	12 1	6 16
M16	10 3	6 38	0n21	18 34	2 29	0 14	1 36	24 16	1 12	6 21	1 34	6 2	2 39	23 29	0 12	11 9	1 56	22 38	15 10	5 29	5 9	18 11	12 1	6 16
T 17	10 25	10 35	1 37	18 21	2 19	0s16	1 36	24 17	1 14	6 18	1 34	6 3	2 38	23 29	0 12	11 8	1 56	22 38	15 10	5 29	5 8	18 11	12 2	6 15
W18	10 47	13 59	2 47	18 4	2 8	0 46	1 35	24 17	1 16	6 15	1 34	6 4	2 38	23 29	0 12	11 8	1 56	22 37	15 11	5 28	5 7	18 10	12 2	6 15
T 19	11 9	16 35	3 49	17 41	1 55	1 16	1 35	24 17	1 18	6 12	1 34	6 5	2 38	23 29	0 12	11 7	1 56	22 37	15 11	5 28	5 5	18 10	12 3	6 15
F 20	11 30	18 8	4 36	17 14	1 41	1 46	1 35	24 18	1 20	6 9	1 34	6 6	2 38	23 29	0 12	11 7	1 56	22 37	15 11	5 27	5 4	18 9	12 3	6 14
S 21	11 51	18 31	5 5	16 42	1 25	2 16	1 35	24 18	1 22	6 6	1 34	6 7	2 38	23 29	0 12	11 6	1 56	22 37	15 12	5 26	5 3	18 9	12 3	6 14
S 22	12 13	17 41	5 15	16 6	1 7	2 46	1 34	24 19	1 24	6 3	1 33	6 8	2 38	23 30	0 12	11 6	1 56	22 37	15 12	5 25	5 2	18 8	12 4	6 13
M23	12 34	15 46	5 6	15 26	0 48	3 16	1 34	24 19	1 26	6 1	1 33	6 9	2 37	23 30	0 12	11 5	1 56	22 36	15 13	5 25	5 0	18 8	12 4	6 13
T 24	12 54	12 55	4 38	14 42	0 28	3 46	1 33	24 20	1 28	5 58	1 33	6 10	2 37	23 30	0 12	11 4	1 56	22 36	15 13	5 25	4 59	18 7	12 4	6 13
W25	13 15	9 23	3 55	13 57	0 7	4 16	1 32	24 20	1 31	5 55	1 33	6 11	2 37	23 30	0 12	11 4	1 56	22 36	15 14	5 25	4 58	18 7	12 4	6 12
T 26	13 35	5 23	2 58	13 10	0n13	4 46	1 32	24 21	1 33	5 52	1 33	6 12	2 37	23 30	0 12	11 3	1 56	22 36	15 14	5 26	4 57	18 6	12 5	6 12
F 27	13 55	1 10	1 53	12 24	0 34	5 15	1 31	24 22	1 35	5 50	1 33	6 13	2 37	23 31	0 12	11 3	1 56	22 36	15 15	5 27	4 55	18 6	12 5	6 11
S 28	14 15	3n 2	0 42	11 40	0 53	5 45	1 30	24 23	1 37	5 47	1 32	6 14	2 36	23 31	0 12	11 2	1 56	22 36	15 15	5 27	4 54	18 5	12 5	6 11
S 29	14 35	7 3	0s29	10 58	1 11	6 14	1 29	24 24	1 40	5 45	1 32	6 14	2 36	23 31	0 12	11 2	1 56	22 36	15 16	5 27	4 53	18 5	12 5	6 11
M30	14 54	10 40	1 38	10 21	1 28	6 44	1 28	24 25	1 42	5 42	1 32	6 15	2 36	23 31	0 12	11 1	1 56	22 36	15 16	5 27	4 52	18 4	12 5	6 10
T 31	15s13	13n44	2s41	9s50	1n43	7s13	1n27	24n26	1n44	5n40	1s32	6s16	2s36	23s31	0s12	11n 0	1s56	22n36	15n17	5s26	4s50	18n 4	12s 6	6n10

Julian Day Number = 1987963.5, Delta T = 56m12s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'36, Lahiri = 6°10'37 Julian Calendar 1 Oct. 730 == Greg. Calendar 5 Oct. 730

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ASTRODIENST EPHEMERIS for the year 730
geocentric

NOVEMBER 730 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 52 53	11♏59'26	26♉54	28°R59	23♎ 6	15♋37	17°R48	20°R14	21♐29	3°R40	8♍19	13°R36	12♎ 7	10♋34	9♒21	W 1
T 2	2 56 50	13° 0'11	9♊ 9	28♎31	24°21	15°46	17♈41	20♓13	21°32	3♉38	8°21	13♎30	12° 4	10°40	9°22	T 2
F 3	3 0 46	14° 0'57	21°14	28°13	25°36	15°55	17°35	20°11	21°35	3°37	8°22	13°25	12° 1	10°47	9°23	F 3
S 4	3 4 43	15° 1'45	3♋12	28°D 8	26°52	16° 4	17°28	20° 9	21°38	3°35	8°23	13°19	11°57	10°54	9°24	S 4
S 5	3 8 40	16° 2'34	15° 4	28°13	28° 7	16°12	17°22	20° 7	21°41	3°33	8°24	13°15	11°54	11° 0	9°25	S 5
M 6	3 12 36	17° 3'25	26°56	28°28	29°22	16°19	17°16	20° 6	21°44	3°32	8°25	13°11	11°51	11° 7	9°27	M 6
T 7	3 16 33	18° 4'17	8♌50	28°52	0♏37	16°25	17°10	20° 4	21°47	3°30	8°26	13° 9	11°48	11°14	9°28	T 7
W 8	3 20 29	19° 5'10	20°52	29°25	1°53	16°30	17° 4	20° 3	21°51	3°28	8°27	13°D 8	11°45	11°21	9°29	W 8
T 9	3 24 26	20° 6'05	3♍ 6	0♏ 5	3° 8	16°35	16°59	20° 2	21°54	3°27	8°28	13° 9	11°42	11°27	9°31	T 9
F 10	3 28 22	21° 7'01	15°37	0°52	4°24	16°39	16°53	20° 1	21°57	3°25	8°29	13°11	11°38	11°34	9°32	F 10
S 11	3 32 19	22° 7'59	28°30	1°45	5°39	16°43	16°48	20° 0	22° 0	3°24	8°30	13°12	11°35	11°41	9°34	S 11
S 12	3 36 15	23° 8'58	11♎47	2°43	6°54	16°45	16°43	19°59	22° 3	3°22	8°31	13°R13	11°32	11°47	9°35	S 12
M13	3 40 12	24° 9'58	25°32	3°46	8°10	16°47	16°38	19°58	22° 7	3°20	8°32	13°12	11°29	11°54	9°37	M13
T 14	3 44 9	25°10'59	9♏42	4°52	9°25	16°48	16°33	19°57	22°10	3°19	8°33	13°10	11°26	12° 1	9°39	T 14
W15	3 48 5	26°12'02	24°15	6° 2	10°41	16°R48	16°28	19°57	22°13	3°17	8°33	13° 5	11°23	12° 8	9°41	W15
T 16	3 52 2	27°13'05	9♐ 4	7°15	11°56	16°48	16°24	19°56	22°17	3°16	8°34	12°59	11°19	12°14	9°43	T 16
F 17	3 55 58	28°14'09	24° 2	8°30	13°12	16°46	16°19	19°56	22°20	3°14	8°35	12°51	11°16	12°21	9°44	F 17
S 18	3 59 55	29°15'14	8♑58	9°47	14°27	16°44	16°15	19°56	22°23	3°13	8°36	12°44	11°13	12°28	9°46	S 18
S 19	4 3 51	0♐16'20	23°44	11° 7	15°42	16°41	16°11	19°56	22°27	3°11	8°36	12°38	11°10	12°35	9°48	S 19
M20	4 7 48	1°17'26	8♒14	12°28	16°58	16°37	16° 8	19°D56	22°30	3°10	8°37	12°33	11° 7	12°41	9°51	M20
T 21	4 11 44	2°18'33	22°25	13°50	18°13	16°32	16° 4	19°56	22°34	3° 8	8°37	12°31	11° 3	12°48	9°53	T 21
W22	4 15 41	3°19'39	6♓14	15°14	19°29	16°27	16° 1	19°56	22°37	3° 7	8°38	12°D31	11° 0	12°55	9°55	W22
T 23	4 19 38	4°20'47	19°43	16°38	20°44	16°20	15°58	19°56	22°40	3° 6	8°39	12°32	10°57	13° 1	9°57	T 23
F 24	4 23 34	5°21'54	2♈53	18° 4	22° 0	16°13	15°55	19°57	22°44	3° 4	8°39	12°33	10°54	13° 8	9°59	F 24
S 25	4 27 31	6°23'02	15°48	19°30	23°15	16° 5	15°52	19°57	22°47	3° 3	8°39	12°R33	10°51	13°15	10° 2	S 25
S 26	4 31 27	7°24'10	28°29	20°57	24°31	15°56	15°50	19°58	22°51	3° 1	8°40	12°32	10°48	13°22	10° 4	S 26
M27	4 35 24	8°25'19	10♉59	22°25	25°46	15°46	15°47	19°59	22°54	3° 0	8°40	12°28	10°44	13°28	10° 7	M27
T 28	4 39 20	9°26'28	23°20	23°53	27° 2	15°36	15°45	20° 0	22°58	2°59	8°41	12°21	10°41	13°35	10° 9	T 28
W29	4 43 17	10°27'37	5♊33	25°22	28°17	15°24	15°43	20° 1	23° 1	2°58	8°41	12°12	10°38	13°42	10°12	W29
T 30	4 47 13	11♐28'47	17♊39	26♏52	29♏33	15♋12	15♈42	20♓ 2	23♐ 5	2♉56	8♍41	12♎ 1	10♎35	13♋49	10♒14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15 s32	16n 7	3 s35	9 s23	1n56	7 s42	1n26	24n27	1n47	5n37	1 s32	6 s16	2 s36	23 s32	0 s12	11n 0	1 s56	22n36	15n17	5 s24	4 s49	18n 3	12 s 6	6n 9	
T 2	15 51	17 43	4 18	9 3	2 6	8 11	1 25	24 28	1 49	5 35	1 31	6 17	2 35	23 32	0 12	10 59	1 56	22 36	15 17	5 22	4 48	18 2	12 6	6 9	
F 3	16 9	18 30	4 49	8 49	2 15	8 40	1 24	24 29	1 52	5 33	1 31	6 18	2 35	23 32	0 12	10 59	1 56	22 36	15 18	5 20	4 47	18 2	12 6	6 8	
S 4	16 27	18 27	5 7	8 40	2 22	9 8	1 23	24 31	1 54	5 30	1 31	6 18	2 35	23 32	0 12	10 58	1 56	22 36	15 18	5 18	4 46	18 1	12 6	6 8	
S 5	16 45	17 35	5 12	8 37	2 27	9 37	1 21	24 32	1 57	5 28	1 31	6 18	2 35	23 32	0 12	10 58	1 56	22 36	15 19	5 16	4 44	18 1	12 6	6 8	
M 6	17 3	15 57	5 3	8 40	2 30	10 5	1 20	24 34	1 59	5 26	1 30	6 19	2 35	23 33	0 12	10 57	1 56	22 36	15 19	5 14	4 43	18 0	12 6	6 7	
T 7	17 20	13 39	4 41	8 47	2 32	10 33	1 18	24 36	2 2	5 24	1 30	6 19	2 34	23 33	0 12	10 57	1 56	22 36	15 20	5 14	4 42	18 0	12 6	6 7	
W 8	17 37	10 44	4 7	8 58	2 33	11 0	1 17	24 38	2 4	5 22	1 30	6 20	2 34	23 33	0 12	10 56	1 56	22 36	15 20	5 13	4 41	17 59	12 6	6 6	
T 9	17 53	7 19	3 21	9 13	2 32	11 28	1 15	24 39	2 7	5 20	1 30	6 20	2 34	23 33	0 12	10 56	1 56	22 36	15 21	5 14	4 39	17 59	12 6	6 6	
F 10	18 10	3 29	2 24	9 31	2 30	11 55	1 14	24 42	2 9	5 18	1 29	6 20	2 34	23 33	0 12	10 55	1 56	22 36	15 22	5 14	4 38	17 58	12 6	6 6	
S 11	18 25	0 s36	1 19	9 51	2 28	12 22	1 12	24 44	2 12	5 16	1 29	6 20	2 33	23 34	0 12	10 55	1 56	22 36	15 22	5 15	4 37	17 57	12 6	6 5	
S 12	18 41	4 49	0 8	10 15	2 24	12 48	1 10	24 46	2 15	5 15	1 29	6 20	2 33	23 34	0 12	10 54	1 56	22 36	15 23	5 15	4 36	17 57	12 6	6 5	
M13	18 56	8 54	1n 6	10 40	2 20	13 14	1 9	24 48	2 17	5 13	1 29	6 20	2 33	23 34	0 12	10 54	1 56	22 36	15 23	5 15	4 34	17 56	12 6	6 5	
T 14	19 11	12 38	2 19	11 7	2 15	13 40	1 7	24 51	2 20	5 11	1 28	6 21	2 33	23 34	0 12	10 53	1 56	22 37	15 24	5 14	4 33	17 56	12 6	6 4	
W15	19 26	15 40	3 24	11 35	2 10	14 6	1 5	24 54	2 23	5 10	1 28	6 21	2 33	23 34	0 12	10 52	1 56	22 37	15 24	5 12	4 32	17 55	12 6	6 4	
T 16	19 40	17 44	4 16	12 4	2 4	14 31	1 3	24 56	2 25	5 8	1 28	6 20	2 32	23 35	0 12	10 52	1 56	22 37	15 25	5 10	4 31	17 55	12 6	6 3	
F 17	19 54	18 37	4 52	12 34	1 58	14 56	1 1	24 59	2 28	5 7	1 27	6 20	2 32	23 35	0 12	10 52	1 56	22 37	15 25	5 7	4 29	17 54	12 6	6 3	
S 18	20 8	18 11	5 7	13 5	1 52	15 20	0 59	25 2	2 31	5 6	1 27	6 20	2 32	23 35	0 12	10 51	1 56	22 37	15 26	5 4	4 28	17 53	12 6	6 3	
S 19	20 21	16 32	5 2	13 36	1 45	15 44	0 57	25 5	2 34	5 4	1 27	6 20	2 32	23 35	0 12	10 51	1 56	22 38	15 26	5 1	4 27	17 53	12 5	6 2	
M20	20 33	13 51	4 38	14 7	1 38	16 8	0 55	25 9	2 36	5 3	1 27	6 20	2 31	23 35	0 12	10 50	1 56	22 38	15 27	5 0	4 25	17 52	12 5	6 2	
T 21	20 46	10 24	3 57	14 39	1 31	16 31	0 53	25 12	2 39	5 2	1 26	6 20	2 31	23 36	0 12	10 50	1 56	22 38	15 27	4 59	4 24	17 52	12 5	6 2	
W22	20 58	6 27	3 3	15 10	1 24	16 54	0 51	25 16	2 42	5 1	1 26	6 19	2 31	23 36	0 12	10 49	1 56	22 38	15 28	4 59	4 23	17 51	12 5	6 1	
T 23	21 9	2 16	2 0	15 42	1 17	17 16	0 49	25 19	2 45	5 0	1 26	6 19	2 31	23 36	0 12	10 49	1 56	22 39	15 28	4 59	4 22	17 50	12 5	6 1	
F 24	21 20	1n57	0 52	16 13	1 10	17 38	0 47	25 23	2 47	5 0	1 25	6 19	2 30	23 36	0 12	10 48	1 56	22 39	15 29	4 59	4 20	17 50	12 4	6 0	
S 25	21 31	5 59	0 s17	16 44	1 2	17 59	0 45	25 26	2 50	4 59	1 25	6 18	2 30	23 36	0 12	10 48	1 56	22 39	15 30	4 59	4 19	17 49	12 4	6 0	
S 26	21 42	9 42	1 24	17 14	0 55	18 20	0 42	25 30	2 53	4 58	1 25	6 18	2 30	23 37	0 12	10 47	1 56	22 40	15 30	4 59	4 18	17 49	12 4	6 0	
M27	21 51	12 55	2 26	17 44	0 47	18 41	0 40	25 34	2 56	4 57	1 24	6 17	2 30	23 37	0 12	10 47	1 56	22 40	15 31	4 57	4 17	17 48	12 3	5 59	
T 28	22 1	15 30	3 20	18 14	0 40	19 1	0 38	25 38	2 58	4 57	1 24	6 17	2 29	23 37	0 12	10 47	1 56	22 40	15 31	4 55	4 15	17 47	12 3	5 59	
W29	22 10	17 22	4 4	18 42	0 33	19 20	0 36	25 42	3 1	4 57	1 24	6 16	2 29	23 37	0 12	10 46	1 56	22 41	15 32	4 51	4 14	17 47	12 3	5 59	
T 30	22 s19	18n26	4 s36	19 s11	0n25	19 s39	0n33	25n46	3n 4	4n56	1 s23	6 s15	2 s29	23 s37	0 s12	10n46	1 s56	22n41	15n32	4 s47	4 s13	17n46	12 s 2	5n58	

Julian Day Number = 1987994.5, Delta T = 56m12s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'40, Lahiri = 6°10'41 Julian Calendar 1 Nov. 730 == Greg. Calendar 5 Nov. 730

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 730
geocentric

DECEMBER 730 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 51 10	12♐29'57	29♊39	28♏21	0♐48	14°R59	15°R40	20♓ 3	23♐ 9	2°R55	8♍42	11°R49	10♎32	13♋55	10♒17	F 1
S 2	4 55 7	13°31'07	11♋34	29°51	2° 4	14♋45	15♈39	20° 4	23°12	2♉54	8°42	11♎36	10°29	14° 2	10°20	S 2
S 3	4 59 3	14°32'18	23°26	1♐22	3°19	14°31	15°38	20° 6	23°16	2°53	8°42	11°25	10°25	14° 9	10°22	S 3
M 4	5 3 0	15°33'30	5♌16	2°53	4°35	14°16	15°37	20° 7	23°19	2°52	8°42	11°16	10°22	14°15	10°25	M 4
T 5	5 6 56	16°34'42	17°10	4°24	5°50	14° 0	15°36	20° 9	23°23	2°50	8°42	11° 9	10°19	14°22	10°28	T 5
W 6	5 10 53	17°35'54	29° 9	5°55	7° 6	13°43	15°36	20°11	23°26	2°49	8°42	11° 4	10°16	14°29	10°31	W 6
T 7	5 14 49	18°37'06	11♍19	7°27	8°21	13°25	15°36	20°12	23°30	2°48	8°42	11° 3	10°13	14°36	10°34	T 7
F 8	5 18 46	19°38'19	23°44	8°59	9°36	13° 7	15°D36	20°14	23°34	2°47	8°R42	11°D 2	10° 9	14°42	10°37	F 8
S 9	5 22 42	20°39'32	6♎30	10°32	10°52	12°48	15°36	20°16	23°37	2°46	8°42	11°R 3	10° 6	14°49	10°40	S 9
S 10	5 26 39	21°40'46	19°41	12° 4	12° 7	12°29	15°36	20°19	23°41	2°45	8°42	11° 2	10° 3	14°56	10°43	S 10
M11	5 30 36	22°42'00	3♏21	13°38	13°23	12° 9	15°37	20°21	23°44	2°44	8°42	11° 1	10° 0	15° 3	10°46	M11
T 12	5 34 32	23°43'14	17°31	15°11	14°38	11°48	15°38	20°23	23°48	2°43	8°42	10°56	9°57	15° 9	10°49	T 12
W13	5 38 29	24°44'28	2♐ 9	16°45	15°54	11°27	15°39	20°26	23°51	2°42	8°42	10°49	9°54	15°16	10°52	W13
T 14	5 42 25	25°45'42	17°10	18°19	17° 9	11° 6	15°40	20°28	23°55	2°41	8°42	10°39	9°50	15°23	10°55	T 14
F 15	5 46 22	26°46'56	2♑25	19°53	18°25	10°44	15°41	20°31	23°59	2°41	8°42	10°28	9°47	15°29	10°59	F 15
S 16	5 50 18	27°48'10	17°43	21°28	19°40	10°21	15°43	20°34	24° 2	2°40	8°41	10°16	9°44	15°36	11° 2	S 16
S 17	5 54 15	28°49'23	2♒52	23° 4	20°56	9°58	15°45	20°37	24° 6	2°39	8°41	10° 6	9°41	15°43	11° 5	S 17
M18	5 58 11	29°50'36	17°43	24°39	22°11	9°35	15°47	20°40	24° 9	2°38	8°41	9°58	9°38	15°50	11° 9	M18
T 19	6 2 8	0♑51'48	2♓ 9	26°15	23°27	9°12	15°49	20°43	24°13	2°37	8°40	9°53	9°35	15°56	11°12	T 19
W20	6 6 5	1°53'00	16° 8	27°52	24°42	8°48	15°52	20°46	24°17	2°37	8°40	9°51	9°31	16° 3	11°15	W20
T 21	6 10 1	2°54'11	29°40	29°29	25°58	8°24	15°54	20°49	24°20	2°36	8°40	9°50	9°28	16°10	11°19	T 21
F 22	6 13 58	3°55'21	12♈47	1♑ 7	27°13	8° 0	15°57	20°53	24°24	2°35	8°39	9°50	9°25	16°16	11°22	F 22
S 23	6 17 54	4°56'30	25°34	2°45	28°28	7°36	16° 0	20°56	24°27	2°35	8°39	9°49	9°22	16°23	11°26	S 23
S 24	6 21 51	5°57'39	8♉ 5	4°23	29°44	7°12	16° 3	21° 0	24°31	2°34	8°38	9°47	9°19	16°30	11°29	S 24
M25	6 25 47	6°58'46	20°22	6° 2	0♑59	6°48	16° 7	21° 3	24°34	2°34	8°38	9°42	9°15	16°37	11°33	M25
T 26	6 29 44	7°59'53	2♊31	7°42	2°15	6°24	16°11	21° 7	24°38	2°33	8°37	9°33	9°12	16°43	11°37	T 26
W27	6 33 41	9° 1'00	14°33	9°22	3°30	6° 0	16°14	21°11	24°41	2°33	8°36	9°22	9° 9	16°50	11°40	W27
T 28	6 37 37	10° 2'05	26°30	11° 2	4°45	5°36	16°18	21°15	24°45	2°32	8°36	9° 8	9° 6	16°57	11°44	T 28
F 29	6 41 34	11° 3'10	8♋25	12°43	6° 1	5°13	16°23	21°19	24°48	2°32	8°35	8°53	9° 3	17° 4	11°48	F 29
S 30	6 45 30	12° 4'14	20°18	14°25	7°16	4°49	16°27	21°23	24°52	2°32	8°34	8°38	9° 0	17°10	11°52	S 30
S 31	6 49 27	13♑ 5'17	2♌10	16♑ 7	8♑32	4♋26	16♈32	21♓27	24♐55	2♉31	8♍34	8♎24	8♎56	17♋17	11♒55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s27	18n40	4s56	19s38	0n18	19s57	0n31	25n51	3n 7	4n56	1s23	6s15	2s29	23s37	0s12	10n45	1s56	22n42	15n33	4s42	4s12	17n45	12s 2	5n58
S 2	22 35	18 4	5 3	20 5	0 11	20 15	0 29	25 55	3 9	4 56	1 23	6 14	2 28	23 38	0 12	10 45	1 55	22 42	15 33	4 37	4 10	17 45	12 2	5 58
S 3	22 42	16 41	4 56	20 31	0 4	20 32	0 26	25 59	3 12	4 56	1 22	6 13	2 28	23 38	0 12	10 45	1 55	22 42	15 34	4 33	4 9	17 44	12 1	5 57
M 4	22 49	14 36	4 37	20 56	0s 3	20 48	0 24	26 3	3 15	4 56	1 22	6 12	2 28	23 38	0 12	10 44	1 55	22 43	15 34	4 29	4 8	17 44	12 1	5 57
T 5	22 55	11 53	4 6	21 20	0 10	21 4	0 22	26 8	3 17	4 56	1 22	6 11	2 28	23 38	0 12	10 44	1 55	22 43	15 35	4 26	4 7	17 43	12 0	5 57
W 6	23 1	8 40	3 23	21 43	0 17	21 20	0 19	26 12	3 20	4 56	1 21	6 10	2 27	23 38	0 12	10 44	1 55	22 44	15 36	4 25	4 5	17 42	12 0	5 57
T 7	23 7	5 3	2 31	22 6	0 24	21 34	0 17	26 16	3 22	4 56	1 21	6 9	2 27	23 39	0 12	10 43	1 55	22 44	15 36	4 24	4 4	17 42	11 59	5 56
F 8	23 12	1 7	1 31	22 27	0 31	21 48	0 14	26 21	3 25	4 56	1 21	6 8	2 27	23 39	0 12	10 43	1 55	22 45	15 37	4 24	4 3	17 41	11 59	5 56
S 9	23 16	2s58	0 24	22 47	0 37	22 2	0 12	26 25	3 27	4 57	1 21	6 7	2 27	23 39	0 12	10 43	1 55	22 45	15 37	4 24	4 2	17 40	11 58	5 56
S 10	23 20	7 3	0n46	23 6	0 43	22 14	0 9	26 29	3 29	4 57	1 20	6 6	2 27	23 39	0 12	10 42	1 55	22 46	15 38	4 24	4 0	17 40	11 58	5 55
M11	23 24	10 54	1 55	23 25	0 50	22 27	0 7	26 33	3 32	4 58	1 20	6 5	2 26	23 39	0 12	10 42	1 55	22 46	15 38	4 23	3 59	17 39	11 57	5 55
T 12	23 27	14 17	3 0	23 41	0 56	22 38	0 5	26 37	3 34	4 58	1 20	6 4	2 26	23 40	0 12	10 42	1 55	22 47	15 39	4 21	3 58	17 38	11 57	5 55
W13	23 30	16 53	3 56	23 57	1 1	22 49	0 2	26 41	3 36	4 59	1 19	6 3	2 26	23 40	0 12	10 42	1 55	22 47	15 39	4 18	3 57	17 38	11 56	5 54
T 14	23 32	18 24	4 36	24 12	1 7	22 59	0s 0	26 45	3 38	5 0	1 19	6 2	2 26	23 40	0 12	10 41	1 55	22 48	15 40	4 15	3 55	17 37	11 56	5 54
F 15	23 34	18 37	4 58	24 25	1 12	23 8	0 3	26 49	3 40	5 1	1 19	6 0	2 25	23 40	0 12	10 41	1 55	22 48	15 40	4 10	3 54	17 36	11 55	5 54
S 16	23 35	17 29	4 58	24 37	1 18	23 17	0 5	26 53	3 42	5 1	1 18	5 59	2 25	23 40	0 12	10 41	1 55	22 49	15 41	4 6	3 53	17 36	11 54	5 54
S 17	23 36	15 9	4 38	24 48	1 23	23 25	0 8	26 57	3 44	5 2	1 18	5 58	2 25	23 40	0 12	10 41	1 55	22 50	15 42	4 2	3 52	17 35	11 54	5 53
M18	23 36	11 50	3 59	24 57	1 27	23 32	0 10	27 0	3 46	5 4	1 18	5 56	2 25	23 41	0 12	10 41	1 55	22 50	15 42	3 58	3 50	17 34	11 53	5 53
T 19	23 36	7 54	3 5	25 5	1 32	23 39	0 12	27 4	3 47	5 5	1 17	5 55	2 24	23 41	0 12	10 40	1 55	22 51	15 43	3 56	3 49	17 34	11 52	5 53
W20	23 35	3 38	2 2	25 11	1 36	23 44	0 15	27 7	3 49	5 6	1 17	5 53	2 24	23 41	0 12	10 40	1 55	22 52	15 43	3 55	3 48	17 33	11 52	5 53
T 21	23 34	0n41	0 54	25 16	1 40	23 49	0 17	27 10	3 50	5 7	1 17	5 52	2 24	23 41	0 12	10 40	1 54	22 52	15 44	3 55	3 47	17 32	11 51	5 52
F 22	23 33	4 51	0s16	25 20	1 44	23 54	0 19	27 13	3 52	5 9	1 16	5 50	2 24	23 41	0 12	10 40	1 54	22 53	15 44	3 55	3 45	17 32	11 50	5 52
S 23	23 30	8 41	1 22	25 22	1 48	23 57	0 22	27 16	3 53	5 10	1 16	5 49	2 23	23 41	0 12	10 40	1 54	22 53	15 45	3 55	3 44	17 31	11 50	5 52
S 24	23 28	12 2	2 23	25 22	1 51	24 0	0 24	27 18	3 54	5 12	1 16	5 47	2 23	23 42	0 12	10 40	1 54	22 54	15 45	3 54	3 43	17 30	11 49	5 52
M25	23 25	14 48	3 16	25 21	1 54	24 2	0 26	27 21	3 55	5 13	1 15	5 45	2 23	23 42	0 12	10 39	1 54	22 55	15 46	3 52	3 42	17 30	11 48	5 52
T 26	23 21	16 53	4 0	25 19	1 56	24 3	0 29	27 23	3 56	5 15	1 15	5 44	2 23	23 42	0 12	10 39	1 54	22 55	15 46	3 49	3 40	17 29	11 47	5 51
W27	23 17	18 12	4 32	25 14	1 58	24 4	0 31	27 25	3 57	5 17	1 15	5 42	2 23	23 42	0 12	10 39	1 54	22 56	15 47	3 44	3 39	17 28	11 46	5 51
T 28	23 13	18 41	4 52	25 8	2 0	24 4	0 33	27 27	3 58	5 19	1 14	5 40	2 22	23 42	0 12	10 39	1 54	22 57	15 47	3 39	3 38	17 28	11 46	5 51
F 29	23 8	18 21	4 59	25 0	2 2	24 3	0 35	27 29	3 59	5 21	1 14	5 38	2 22	23 42	0 12	10 39	1 54	22 58	15 48	3 33	3 37	17 27	11 45	5 51
S 30	23 3	17 13	4 53	24 51	2 3	24 1	0 37	27 30	4 0	5 23	1 14	5 37	2 22	23 42	0 12	10 39	1 54	22 58	15 48	3 27	3 35	17 26	11 44	5 50
S 31	22s57	15n21	4s34	24s40	2s 4	23s59	0s39	27n31	4n 0	5n25	1s13	5s35	2s22	23s43	0s12	10n39	1s54	22n59	15n49	3s21	3s34	17n25	11s43	5n50

Julian Day Number = 1988024.5, Delta T = 56m11s
Ecliptic obliquity = 23°36'02, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'45, Lahiri = 6°10'45 Julian Calendar 1 Dec. 730 == Greg. Calendar 5 Dec. 730

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ASTRODIENST EPHEMERIS for the year 731
geocentric

JANUARY 731 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 53 23	14♉ 6'19	14♌ 4	17♉50	9♉47	4°R 4	16♈36	21♓32	24♐59	2°R31	8°R33	8°R12	8♎53	17♋24	11♒59	M 1
T 2	6 57 20	15° 7'21	26° 0	19°33	11° 2	3♋41	16°41	21°36	25° 2	2♉31	8♍32	8♎ 3	8°50	17°30	12° 3	T 2
W 3	7 1 16	16° 8'21	8♍ 1	21°17	12°18	3°20	16°46	21°40	25° 6	2°30	8°31	7°57	8°47	17°37	12° 7	W 3
T 4	7 5 13	17° 9'22	20°12	23° 1	13°33	2°58	16°52	21°45	25° 9	2°30	8°31	7°53	8°44	17°44	12°11	T 4
F 5	7 9 10	18°10'21	2♎36	24°46	14°48	2°37	16°57	21°50	25°12	2°30	8°30	7°52	8°41	17°51	12°15	F 5
S 6	7 13 6	19°11'20	15°17	26°31	16° 4	2°17	17° 3	21°54	25°16	2°30	8°29	7°52	8°37	17°57	12°18	S 6
S 7	7 17 3	20°12'18	28°21	28°16	17°19	1°57	17° 9	21°59	25°19	2°30	8°28	7°52	8°34	18° 4	12°22	S 7
M 8	7 20 59	21°13'15	11♏51	0♒ 2	18°34	1°37	17°15	22° 4	25°23	2°30	8°27	7°51	8°31	18°11	12°26	M 8
T 9	7 24 56	22°14'11	25°50	1°48	19°49	1°19	17°21	22° 9	25°26	2°D30	8°26	7°47	8°28	18°17	12°30	T 9
W10	7 28 52	23°15'07	10♐18	3°33	21° 5	1° 1	17°27	22°14	25°29	2°30	8°25	7°40	8°25	18°24	12°34	W10
T 11	7 32 49	24°16'02	25°11	5°19	22°20	0°43	17°34	22°19	25°32	2°30	8°24	7°31	8°21	18°31	12°38	T 11
F 12	7 36 45	25°16'55	10♑24	7° 4	23°35	0°26	17°40	22°24	25°36	2°30	8°23	7°21	8°18	18°38	12°42	F 12
S 13	7 40 42	26°17'48	25°45	8°48	24°51	0°10	17°47	22°30	25°39	2°30	8°22	7°10	8°15	18°44	12°46	S 13
S 14	7 44 39	27°18'39	11♒ 3	10°32	26° 6	29♊55	17°54	22°35	25°42	2°30	8°21	7° 0	8°12	18°51	12°50	S 14
M15	7 48 35	28°19'29	26° 6	12°15	27°21	29°40	18° 1	22°40	25°45	2°30	8°19	6°52	8° 9	18°58	12°54	M15
T 16	7 52 32	29°20'17	10♓46	13°56	28°36	29°27	18° 9	22°46	25°48	2°30	8°18	6°47	8° 6	19° 5	12°59	T 16
W17	7 56 28	0♒21'04	24°58	15°35	29°51	29°14	18°16	22°51	25°52	2°31	8°17	6°44	8° 2	19°11	13° 3	W17
T 18	8 0 25	1°21'49	8♈41	17°11	1♒ 7	29° 1	18°24	22°57	25°55	2°31	8°16	6°D44	7°59	19°18	13° 7	T 18
F 19	8 4 21	2°22'32	21°56	18°45	2°22	28°50	18°31	23° 3	25°58	2°31	8°15	6°44	7°56	19°25	13°11	F 19
S 20	8 8 18	3°23'14	4♉46	20°15	3°37	28°39	18°39	23° 8	26° 1	2°32	8°13	6°R44	7°53	19°31	13°15	S 20
S 21	8 12 14	4°23'54	17°16	21°42	4°52	28°29	18°47	23°14	26° 4	2°32	8°12	6°43	7°50	19°38	13°19	S 21
M22	8 16 11	5°24'32	29°30	23° 3	6° 7	28°20	18°56	23°20	26° 7	2°32	8°11	6°40	7°47	19°45	13°23	M22
T 23	8 20 8	6°25'09	11♊34	24°20	7°22	28°12	19° 4	23°26	26°10	2°33	8°10	6°35	7°43	19°52	13°27	T 23
W24	8 24 4	7°25'43	23°31	25°30	8°38	28° 5	19°12	23°32	26°13	2°33	8° 8	6°27	7°40	19°58	13°32	W24
T 25	8 28 1	8°26'16	5♋23	26°33	9°53	27°58	19°21	23°38	26°16	2°34	8° 7	6°17	7°37	20° 5	13°36	T 25
F 26	8 31 57	9°26'47	17°15	27°29	11° 8	27°52	19°30	23°44	26°18	2°34	8° 6	6° 6	7°34	20°12	13°40	F 26
S 27	8 35 54	10°27'17	29° 8	28°17	12°23	27°47	19°39	23°50	26°21	2°35	8° 4	5°54	7°31	20°18	13°44	S 27
S 28	8 39 50	11°27'45	11♌ 3	28°56	13°38	27°43	19°48	23°57	26°24	2°36	8° 3	5°43	7°27	20°25	13°48	S 28
M29	8 43 47	12°28'11	23° 2	29°26	14°53	27°39	19°57	24° 3	26°27	2°36	8° 1	5°34	7°24	20°32	13°52	M29
T 30	8 47 43	13°28'35	5♍ 6	29°46	16° 8	27°37	20° 6	24° 9	26°30	2°37	8° 0	5°28	7°21	20°39	13°56	T 30
W31	8 51 40	14♒28'58	17♍17	29♒56	17♒23	27♊35	20♈16	24♓16	26♐32	2♉38	7♍59	5♎23	7♎18	20♋45	14♒ 1	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s51	12n50	4s 4	24s27	2s 4	23s56	0s42	27n33	4n 0	5n27	1s13	5s33	2s22	23s43	0s12	10n39	1s54	23n 0	15n49	3s16	3s33	17n25	11s42	5n50
T 2	22 44	9 46	3 22	24 12	2 4	23 52	0 44	27 34	4 1	5 29	1 13	5 31	2 21	23 43	0 12	10 39	1 54	23 0	15 50	3 13	3 32	17 24	11 41	5 50
W 3	22 37	6 17	2 31	23 56	2 3	23 47	0 46	27 34	4 1	5 31	1 13	5 29	2 21	23 43	0 13	10 39	1 54	23 1	15 50	3 10	3 30	17 23	11 41	5 50
T 4	22 29	2 30	1 32	23 37	2 2	23 42	0 48	27 35	4 1	5 33	1 12	5 27	2 21	23 43	0 13	10 39	1 54	23 2	15 51	3 9	3 29	17 23	11 40	5 50
F 5	22 21	1s28	0 28	23 17	2 0	23 36	0 50	27 35	4 1	5 36	1 12	5 25	2 21	23 43	0 13	10 39	1 53	23 3	15 51	3 9	3 28	17 22	11 39	5 49
S 6	22 13	5 27	0n39	22 55	1 58	23 29	0 51	27 36	4 1	5 38	1 12	5 23	2 21	23 43	0 13	10 39	1 53	23 4	15 51	3 9	3 26	17 21	11 38	5 49
S 7	22 4	9 18	1 46	22 32	1 55	23 21	0 53	27 36	4 1	5 41	1 11	5 21	2 20	23 44	0 13	10 39	1 53	23 4	15 52	3 8	3 25	17 20	11 37	5 49
M 8	21 55	12 48	2 50	22 6	1 52	23 13	0 55	27 36	4 1	5 43	1 11	5 19	2 20	23 44	0 13	10 39	1 53	23 5	15 52	3 8	3 24	17 20	11 36	5 49
T 9	21 45	15 42	3 45	21 39	1 48	23 4	0 57	27 36	4 0	5 46	1 11	5 17	2 20	23 44	0 13	10 39	1 53	23 6	15 53	3 6	3 23	17 19	11 35	5 49
W10	21 35	17 43	4 28	21 10	1 43	22 54	0 59	27 36	4 0	5 49	1 10	5 14	2 20	23 44	0 13	10 39	1 53	23 7	15 53	3 4	3 21	17 18	11 34	5 49
T 11	21 24	18 36	4 55	20 39	1 38	22 44	1 0	27 35	3 59	5 52	1 10	5 12	2 20	23 44	0 13	10 39	1 53	23 7	15 54	3 0	3 20	17 18	11 33	5 49
F 12	21 13	18 11	5 1	20 7	1 32	22 33	1 2	27 35	3 59	5 54	1 10	5 10	2 19	23 44	0 13	10 39	1 53	23 8	15 54	2 56	3 19	17 17	11 32	5 48
S 13	21 2	16 27	4 46	19 33	1 25	22 21	1 4	27 34	3 58	5 57	1 10	5 8	2 19	23 44	0 13	10 39	1 53	23 9	15 54	2 52	3 18	17 16	11 31	5 48
S 14	20 50	13 33	4 11	18 58	1 18	22 8	1 5	27 34	3 57	6 0	1 9	5 5	2 19	23 44	0 13	10 39	1 53	23 10	15 55	2 48	3 16	17 15	11 30	5 48
M15	20 38	9 48	3 18	18 21	1 10	21 55	1 7	27 33	3 57	6 3	1 9	5 3	2 19	23 45	0 13	10 39	1 53	23 11	15 55	2 45	3 15	17 15	11 29	5 48
T 16	20 26	5 31	2 13	17 44	1 1	21 42	1 8	27 32	3 56	6 6	1 9	5 1	2 19	23 45	0 13	10 40	1 53	23 11	15 56	2 43	3 14	17 14	11 28	5 48
W17	20 13	1 4	1 2	17 5	0 51	21 27	1 10	27 31	3 55	6 9	1 8	4 58	2 19	23 45	0 13	10 40	1 53	23 12	15 56	2 41	3 13	17 13	11 27	5 48
T 18	19 59	3n18	0s10	16 26	0 41	21 12	1 11	27 30	3 54	6 12	1 8	4 56	2 18	23 45	0 13	10 40	1 53	23 13	15 56	2 41	3 11	17 12	11 26	5 48
F 19	19 46	7 22	1 20	15 46	0 29	20 56	1 12	27 29	3 53	6 16	1 8	4 54	2 18	23 45	0 13	10 40	1 53	23 14	15 57	2 41	3 10	17 12	11 25	5 48
S 20	19 32	10 57	2 24	15 6	0 17	20 40	1 14	27 28	3 52	6 19	1 8	4 51	2 18	23 45	0 13	10 40	1 52	23 15	15 57	2 42	3 9	17 11	11 24	5 48
S 21	19 17	13 56	3 18	14 26	0 4	20 23	1 15	27 26	3 51	6 22	1 7	4 49	2 18	23 45	0 13	10 40	1 52	23 15	15 57	2 41	3 8	17 10	11 23	5 48
M22	19 3	16 13	4 3	13 47	0n 9	20 6	1 16	27 25	3 50	6 26	1 7	4 46	2 18	23 45	0 13	10 41	1 52	23 16	15 58	2 40	3 6	17 9	11 22	5 47
T 23	18 48	17 46	4 36	13 8	0 23	19 48	1 17	27 24	3 49	6 29	1 7	4 44	2 18	23 45	0 13	10 41	1 52	23 17	15 58	2 38	3 5	17 9	11 21	5 47
W24	18 32	18 30	4 56	12 31	0 38	19 29	1 18	27 22	3 47	6 33	1 7	4 41	2 17	23 46	0 13	10 41	1 52	23 18	15 58	2 35	3 4	17 8	11 20	5 47
T 25	18 17	18 26	5 4	11 55	0 53	19 10	1 19	27 21	3 46	6 36	1 6	4 39	2 17	23 46	0 13	10 41	1 52	23 19	15 59	2 31	3 3	17 7	11 18	5 47
F 26	18 1	17 33	4 58	11 21	1 9	18 50	1 20	27 20	3 45	6 40	1 6	4 36	2 17	23 46	0 13	10 42	1 52	23 20	15 59	2 26	3 1	17 6	11 17	5 47
S 27	17 44	15 54	4 40	10 49	1 25	18 30	1 21	27 18	3 43	6 43	1 6	4 33	2 17	23 46	0 13	10 42	1 52	23 20	15 59	2 22	3 0	17 5	11 16	5 47
S 28	17 28	13 35	4 9	10 21	1 41	18 9	1 22	27 17	3 42	6 47	1 6	4 31	2 17	23 46	0 13	10 42	1 52	23 21	16 0	2 17	2 59	17 5	11 15	5 47
M29	17 11	10 40	3 27	9 55	1 57	17 47	1 22	27 16	3 41	6 51	1 5	4 28	2 17	23 46	0 13	10 42	1 52	23 22	16 0	2 14	2 57	17 4	11 14	5 47
T 30	16 53	7 18	2 35	9 34	2 13	17 26	1 23	27 14	3 39	6 54	1 5	4 26	2 17	23 46	0 13	10 43	1 52	23 23	16 0	2 11	2 56	17 3	11 13	5 47
W31	16s36	3n35	1s36	9s16	2n28	17s 3	1s24	27n13	3n38	6n58	1s 5	4s23	2s17	23s46	0s13	10n43	1s52	23n24	16n 1	2s 9	2s55	17n 2	11s12	5n47

Julian Day Number = 1988055.5, Delta T = 56m10s
Ecliptic obliquity = 23°36'02, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'49, Lahiri = 6°10'49 Julian Calendar 1 Jan. 731 == Greg. Calendar 5 Jan. 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

FEBRUARY 731 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 55 37	15♒29'19	29♍37	29°R56	18♒38	27°R34	20♈25	24♓22	26♐35	2♉39	7°R57	5°D22	7♎15	20♋52	14♒ 5	T 1
F 2	8 59 33	16°29'38	12♎ 8	29♒46	19°53	27°D33	20°35	24°29	26°38	2°39	7♍56	5♎22	7°12	20°59	14° 9	F 2
S 3	9 3 30	17°29'56	24°55	29°27	21° 8	27♊33	20°44	24°35	26°40	2°40	7°54	5°23	7° 8	21° 6	14°13	S 3
S 4	9 7 26	18°30'13	7♏59	28°58	22°23	27°34	20°54	24°42	26°43	2°41	7°53	5°24	7° 5	21°12	14°17	S 4
M 5	9 11 23	19°30'28	21°24	28°21	23°38	27°36	21° 4	24°49	26°45	2°42	7°51	5°R24	7° 2	21°19	14°21	M 5
T 6	9 15 19	20°30'42	5♐13	27°37	24°53	27°39	21°14	24°55	26°48	2°43	7°50	5°23	6°59	21°26	14°26	T 6
W 7	9 19 16	21°30'54	19°25	26°46	26° 8	27°42	21°25	25° 2	26°50	2°44	7°48	5°20	6°56	21°32	14°30	W 7
T 8	9 23 12	22°31'04	4♑ 1	25°51	27°22	27°46	21°35	25° 9	26°53	2°45	7°46	5°16	6°52	21°39	14°34	T 8
F 9	9 27 9	23°31'13	18°54	24°51	28°37	27°50	21°45	25°16	26°55	2°46	7°45	5°10	6°49	21°46	14°38	F 9
S 10	9 31 6	24°31'20	3♒59	23°50	29°52	27°55	21°56	25°22	26°57	2°47	7°43	5° 3	6°46	21°53	14°42	S 10
S 11	9 35 2	25°31'25	19° 5	22°48	1♓ 7	28° 1	22° 7	25°29	27° 0	2°48	7°42	4°57	6°43	21°59	14°46	S 11
M12	9 38 59	26°31'29	4♓ 3	21°47	2°22	28° 8	22°17	25°36	27° 2	2°49	7°40	4°53	6°40	22° 6	14°50	M12
T 13	9 42 55	27°31'30	18°43	20°48	3°37	28°15	22°28	25°43	27° 4	2°50	7°39	4°50	6°37	22°13	14°54	T 13
W14	9 46 52	28°31'29	3♈ 0	19°52	4°51	28°23	22°39	25°50	27° 6	2°51	7°37	4°D49	6°33	22°19	14°58	W14
T 15	9 50 48	29°31'26	16°51	19° 1	6° 6	28°31	22°50	25°57	27° 8	2°53	7°35	4°49	6°30	22°26	15° 3	T 15
F 16	9 54 45	0♓31'21	0♉14	18°15	7°21	28°40	23° 2	26° 5	27°10	2°54	7°34	4°51	6°27	22°33	15° 7	F 16
S 17	9 58 41	1°31'14	13°12	17°34	8°36	28°50	23°13	26°12	27°13	2°55	7°32	4°52	6°24	22°40	15°11	S 17
S 18	10 2 38	2°31'04	25°47	16°59	9°50	29° 0	23°24	26°19	27°14	2°56	7°31	4°53	6°21	22°46	15°15	S 18
M19	10 6 34	3°30'52	8♊ 5	16°31	11° 5	29°11	23°36	26°26	27°16	2°58	7°29	4°R54	6°18	22°53	15°19	M19
T 20	10 10 31	4°30'38	20°10	16° 9	12°20	29°22	23°47	26°33	27°18	2°59	7°27	4°52	6°14	23° 0	15°23	T 20
W21	10 14 28	5°30'21	2♋ 6	15°54	13°34	29°34	23°59	26°41	27°20	3° 0	7°26	4°50	6°11	23° 6	15°27	W21
T 22	10 18 24	6°30'02	13°58	15°45	14°49	29°46	24°10	26°48	27°22	3° 2	7°24	4°46	6° 8	23°13	15°31	T 22
F 23	10 22 21	7°29'41	25°49	15°D42	16° 4	29°59	24°22	26°55	27°24	3° 3	7°22	4°41	6° 5	23°20	15°34	F 23
S 24	10 26 17	8°29'18	7♌43	15°45	17°18	0♋13	24°34	27° 3	27°26	3° 5	7°21	4°37	6° 2	23°27	15°38	S 24
S 25	10 30 14	9°28'53	19°43	15°54	18°33	0°27	24°46	27°10	27°27	3° 6	7°19	4°32	5°58	23°33	15°42	S 25
M26	10 34 10	10°28'25	1♍49	16° 8	19°47	0°41	24°58	27°17	27°29	3° 8	7°18	4°29	5°55	23°40	15°46	M26
T 27	10 38 7	11°27'55	14° 5	16°28	21° 2	0°56	25°10	27°25	27°30	3° 9	7°16	4°26	5°52	23°47	15°50	T 27
W28	10 42 3	12♓27'23	26♍31	16♒53	22♓16	1♋11	25♈22	27♓32	27♐32	3♉11	7♍14	4♎25	5♎49	23♋53	15♒54	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s18	0s19	0s31	9s 2	2n42	16s41	1s24	27n11	3n37	7n 2	1s 5	4s20	2s16	23s46	0s13	10n43	1s52	23n24	16n 1	2s 9	2s54	17n 1	11s10	5n47
F 2	16 0	4 16	0n37	8 53	2 56	16 17	1 25	27 10	3 35	7 6	1 4	4 17	2 16	23 46	0 13	10 44	1 52	23 25	16 1	2 9	2 52	17 1	11 9	5 47
S 3	15 42	8 6	1 44	8 48	3 9	15 54	1 25	27 8	3 34	7 10	1 4	4 15	2 16	23 46	0 13	10 44	1 52	23 26	16 1	2 9	2 51	17 0	11 8	5 47
S 4	15 23	11 38	2 47	8 47	3 20	15 29	1 25	27 7	3 32	7 14	1 4	4 12	2 16	23 47	0 13	10 44	1 52	23 27	16 2	2 10	2 50	16 59	11 7	5 47
M 5	15 4	14 39	3 43	8 51	3 29	15 5	1 26	27 5	3 31	7 18	1 4	4 9	2 16	23 47	0 13	10 45	1 51	23 28	16 2	2 10	2 49	16 58	11 6	5 47
T 6	14 45	16 55	4 28	8 59	3 37	14 40	1 26	27 4	3 29	7 22	1 3	4 6	2 16	23 47	0 13	10 45	1 51	23 28	16 2	2 9	2 47	16 57	11 5	5 47
W 7	14 26	18 14	4 57	9 11	3 42	14 15	1 26	27 3	3 28	7 26	1 3	4 4	2 16	23 47	0 13	10 46	1 51	23 29	16 2	2 8	2 46	16 57	11 3	5 47
T 8	14 6	18 23	5 9	9 27	3 46	13 49	1 26	27 1	3 26	7 30	1 3	4 1	2 16	23 47	0 13	10 46	1 51	23 30	16 2	2 6	2 45	16 56	11 2	5 47
F 9	13 46	17 18	5 0	9 45	3 47	13 23	1 26	27 0	3 25	7 34	1 3	3 58	2 16	23 47	0 13	10 46	1 51	23 31	16 3	2 4	2 44	16 55	11 1	5 47
S 10	13 26	15 0	4 31	10 6	3 47	12 56	1 26	26 58	3 23	7 38	1 3	3 55	2 15	23 47	0 13	10 47	1 51	23 32	16 3	2 1	2 42	16 54	11 0	5 47
S 11	13 6	11 40	3 43	10 29	3 44	12 29	1 26	26 57	3 22	7 42	1 2	3 52	2 15	23 47	0 13	10 47	1 51	23 32	16 3	1 59	2 41	16 53	10 59	5 47
M12	12 45	7 37	2 39	10 53	3 39	12 2	1 26	26 55	3 20	7 47	1 2	3 49	2 15	23 47	0 13	10 48	1 51	23 33	16 3	1 57	2 40	16 53	10 57	5 47
T 13	12 25	3 10	1 27	11 18	3 32	11 35	1 26	26 54	3 19	7 51	1 2	3 47	2 15	23 47	0 13	10 48	1 51	23 34	16 3	1 56	2 38	16 52	10 56	5 47
W14	12 4	1n21	0 10	11 44	3 24	11 7	1 26	26 53	3 17	7 55	1 2	3 44	2 15	23 47	0 13	10 49	1 51	23 35	16 3	1 56	2 37	16 51	10 55	5 47
T 15	11 43	5 40	1s 5	12 9	3 14	10 39	1 25	26 51	3 16	7 59	1 1	3 41	2 15	23 47	0 13	10 49	1 51	23 35	16 4	1 56	2 36	16 50	10 54	5 47
F 16	11 22	9 32	2 14	12 34	3 3	10 11	1 25	26 50	3 14	8 4	1 1	3 38	2 15	23 47	0 13	10 49	1 51	23 36	16 4	1 56	2 35	16 49	10 52	5 47
S 17	11 0	12 49	3 14	12 58	2 51	9 42	1 24	26 48	3 13	8 8	1 1	3 35	2 15	23 47	0 13	10 50	1 51	23 37	16 4	1 57	2 33	16 48	10 51	5 48
S 18	10 39	15 24	4 3	13 21	2 38	9 13	1 24	26 47	3 11	8 13	1 1	3 32	2 15	23 48	0 13	10 50	1 51	23 38	16 4	1 57	2 32	16 48	10 50	5 48
M19	10 17	17 12	4 39	13 42	2 24	8 44	1 23	26 46	3 10	8 17	1 1	3 29	2 15	23 48	0 13	10 51	1 51	23 38	16 4	1 57	2 31	16 47	10 49	5 48
T 20	9 55	18 12	5 3	14 2	2 10	8 15	1 23	26 44	3 8	8 21	1 0	3 26	2 15	23 48	0 13	10 51	1 51	23 39	16 4	1 57	2 30	16 46	10 48	5 48
W21	9 33	18 23	5 12	14 20	1 56	7 46	1 22	26 43	3 7	8 26	1 0	3 23	2 15	23 48	0 13	10 52	1 50	23 40	16 4	1 56	2 28	16 45	10 46	5 48
T 22	9 11	17 45	5 9	14 37	1 41	7 16	1 21	26 41	3 5	8 30	1 0	3 20	2 14	23 48	0 13	10 53	1 50	23 40	16 4	1 54	2 27	16 44	10 45	5 48
F 23	8 49	16 21	4 52	14 51	1 27	6 46	1 20	26 40	3 4	8 35	1 0	3 17	2 14	23 48	0 13	10 53	1 50	23 41	16 4	1 53	2 26	16 43	10 44	5 48
S 24	8 27	14 14	4 22	15 4	1 13	6 16	1 19	26 38	3 2	8 39	1 0	3 14	2 14	23 48	0 13	10 54	1 50	23 42	16 4	1 51	2 25	16 43	10 43	5 48
S 25	8 4	11 30	3 41	15 15	0 59	5 46	1 18	26 37	3 1	8 44	0 59	3 11	2 14	23 48	0 13	10 54	1 50	23 42	16 4	1 49	2 23	16 42	10 41	5 48
M26	7 41	8 15	2 50	15 23	0 45	5 15	1 17	26 35	2 59	8 49	0 59	3 8	2 14	23 48	0 13	10 55	1 50	23 43	16 4	1 47	2 22	16 41	10 40	5 48
T 27	7 19	4 37	1 50	15 30	0 32	4 45	1 16	26 34	2 58	8 53	0 59	3 5	2 14	23 48	0 13	10 55	1 50	23 44	16 4	1 46	2 21	16 40	10 39	5 49
W28	6s56	0n44	0s43	15s35	0n19	4s14	1s15	26n32	2n56	8n58	0s59	3s 2	2s14	23s48	0s13	10n56	1s50	23n44	16n 4	1s46	2s20	16n39	10s38	5n49

Julian Day Number = 1988086.5, Delta T = 56m09s
Ecliptic obliquity = 23°36'02, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'53, Lahiri = 6°10'54 Julian Calendar 1 Feb. 731 == Greg. Calendar 5 Feb. 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

MARCH 731 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 46 0	13♓26'49	9♎ 7	17♒22	23♓31	1♋27	25♈35	27♓40	27♐33	3♉12	7°R13	4°D25	5♎46	24♋ 0	15♒58	T 1
F 2	10 49 57	14°26'13	21°56	17°56	24°45	1°43	25°47	27°47	27°35	3°14	7♍11	4♎25	5°43	24° 7	16° 1	F 2
S 3	10 53 53	15°25'35	4♏58	18°33	25°59	2° 0	25°59	27°55	27°36	3°15	7° 9	4°27	5°39	24°14	16° 5	S 3
S 4	10 57 50	16°24'55	18°15	19°15	27°14	2°17	26°12	28° 2	27°38	3°17	7° 8	4°28	5°36	24°20	16° 9	S 4
M 5	11 1 46	17°24'14	1♐47	20° 0	28°28	2°34	26°24	28°10	27°39	3°19	7° 6	4°29	5°33	24°27	16°12	M 5
T 6	11 5 43	18°23'30	15°35	20°49	29°43	2°52	26°37	28°17	27°40	3°20	7° 5	4°R30	5°30	24°34	16°16	T 6
W 7	11 9 39	19°22'45	29°39	21°41	0♈57	3°10	26°49	28°25	27°41	3°22	7° 3	4°30	5°27	24°40	16°20	W 7
T 8	11 13 36	20°21'59	13♑58	22°37	2°11	3°29	27° 2	28°32	27°42	3°24	7° 2	4°29	5°24	24°47	16°23	T 8
F 9	11 17 32	21°21'10	28°29	23°35	3°25	3°48	27°15	28°40	27°44	3°26	7° 0	4°27	5°20	24°54	16°27	F 9
S 10	11 21 29	22°20'19	13♒ 8	24°36	4°40	4° 7	27°28	28°47	27°45	3°27	6°58	4°26	5°17	25° 1	16°31	S 10
S 11	11 25 25	23°19'27	27°48	25°39	5°54	4°27	27°41	28°55	27°46	3°29	6°57	4°24	5°14	25° 7	16°34	S 11
M12	11 29 22	24°18'32	12♓24	26°45	7° 8	4°47	27°54	29° 3	27°47	3°31	6°55	4°23	5°11	25°14	16°38	M12
T 13	11 33 19	25°17'36	26°48	27°54	8°22	5° 8	28° 7	29°10	27°47	3°33	6°54	4°23	5° 8	25°21	16°41	T 13
W14	11 37 15	26°16'37	10♈55	29° 4	9°36	5°29	28°20	29°18	27°48	3°35	6°52	4°D23	5° 4	25°27	16°44	W14
T 15	11 41 12	27°15'37	24°42	0♓17	10°51	5°50	28°33	29°25	27°49	3°37	6°51	4°23	5° 1	25°34	16°48	T 15
F 16	11 45 8	28°14'34	8♉ 6	1°32	12° 5	6°11	28°46	29°33	27°50	3°39	6°49	4°24	4°58	25°41	16°51	F 16
S 17	11 49 5	29°13'28	21° 7	2°49	13°19	6°33	28°59	29°41	27°51	3°40	6°48	4°24	4°55	25°48	16°55	S 17
S 18	11 53 1	0♈12'21	3♊47	4° 8	14°33	6°55	29°13	29°48	27°51	3°42	6°46	4°25	4°52	25°54	16°58	S 18
M19	11 56 58	1°11'11	16° 9	5°29	15°47	7°18	29°26	29°56	27°52	3°44	6°45	4°25	4°49	26° 1	17° 1	M19
T 20	12 0 54	2° 9'59	28°17	6°52	17° 1	7°40	29°39	0♈ 3	27°52	3°46	6°43	4°R25	4°45	26° 8	17° 4	T 20
W21	12 4 51	3° 8'45	10♋15	8°17	18°15	8° 3	29°53	0°11	27°53	3°48	6°42	4°25	4°42	26°14	17° 7	W21
T 22	12 8 48	4° 7'28	22° 7	9°43	19°29	8°27	0♉ 6	0°19	27°53	3°50	6°41	4°D25	4°39	26°21	17°11	T 22
F 23	12 12 44	5° 6'10	4♌ 0	11°11	20°43	8°50	0°20	0°26	27°54	3°52	6°39	4°25	4°36	26°28	17°14	F 23
S 24	12 16 41	6° 4'48	15°56	12°41	21°56	9°14	0°33	0°34	27°54	3°54	6°38	4°25	4°33	26°35	17°17	S 24
S 25	12 20 37	7° 3'25	27°59	14°13	23°10	9°38	0°47	0°41	27°54	3°56	6°36	4°26	4°29	26°41	17°20	S 25
M26	12 24 34	8° 1'59	10♍13	15°46	24°24	10° 2	1° 0	0°49	27°54	3°58	6°35	4°26	4°26	26°48	17°23	M26
T 27	12 28 30	9° 0'32	22°40	17°21	25°38	10°27	1°14	0°57	27°55	4° 1	6°34	4°26	4°23	26°55	17°26	T 27
W28	12 32 27	9°59'02	5♎21	18°58	26°52	10°52	1°28	1° 4	27°55	4° 3	6°32	4°R26	4°20	27° 1	17°29	W28
T 29	12 36 23	10°57'30	18°18	20°36	28° 5	11°17	1°41	1°12	27°55	4° 5	6°31	4°26	4°17	27° 8	17°31	T 29
F 30	12 40 20	11°55'56	1♏30	22°16	29°19	11°42	1°55	1°19	27°R55	4° 7	6°30	4°26	4°14	27°15	17°34	F 30
S 31	12 44 16	12♈54'21	14♏57	23♓58	0♉33	12♋ 8	2♉ 9	1♈27	27♐55	4♉ 9	6♍29	4♎25	4♎10	27♋22	17♒37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s33	3s14	0n26	15s39	0n 6	3s43	1s14	26n31	2n55	9n 2	0s59	2s59	2s14	23s48	0s13	10n56	1s50	23n45	16n 4	1s46	2s18	16n38	10s36	5n49
F 2	6 10	7 8	1 35	15 40	0s 6	3 13	1 13	26 29	2 54	9 7	0 59	2 56	2 14	23 48	0 13	10 57	1 50	23 46	16 4	1 46	2 17	16 37	10 35	5 49
S 3	5 47	10 45	2 41	15 39	0 18	2 42	1 11	26 27	2 52	9 12	0 58	2 53	2 14	23 48	0 13	10 58	1 50	23 46	16 4	1 47	2 16	16 37	10 34	5 49
S 4	5 24	13 52	3 39	15 37	0 30	2 11	1 10	26 26	2 51	9 17	0 58	2 50	2 14	23 48	0 14	10 58	1 50	23 47	16 4	1 47	2 14	16 36	10 33	5 49
M 5	5 1	16 19	4 26	15 33	0 40	1 40	1 9	26 24	2 49	9 21	0 58	2 47	2 14	23 48	0 14	10 59	1 50	23 47	16 4	1 48	2 13	16 35	10 31	5 49
T 6	4 37	17 51	4 59	15 27	0 51	1 8	1 7	26 22	2 48	9 26	0 58	2 44	2 14	23 48	0 14	10 59	1 50	23 48	16 4	1 48	2 12	16 34	10 30	5 50
W 7	4 14	18 21	5 15	15 20	1 1	0 37	1 6	26 20	2 47	9 31	0 58	2 41	2 14	23 48	0 14	11 0	1 50	23 49	16 4	1 48	2 11	16 33	10 29	5 50
T 8	3 50	17 42	5 12	15 10	1 10	0 6	1 4	26 19	2 45	9 35	0 58	2 38	2 14	23 48	0 14	11 1	1 50	23 49	16 4	1 47	2 9	16 32	10 28	5 50
F 9	3 27	15 53	4 49	14 59	1 19	0n25	1 2	26 17	2 44	9 40	0 57	2 35	2 14	23 48	0 14	11 1	1 50	23 50	16 4	1 47	2 8	16 31	10 27	5 50
S 10	3 4	13 2	4 7	14 47	1 27	0 56	1 1	26 15	2 43	9 45	0 57	2 32	2 14	23 49	0 14	11 2	1 50	23 50	16 4	1 46	2 7	16 30	10 25	5 50
S 11	2 40	9 22	3 9	14 33	1 35	1 28	0 59	26 13	2 41	9 50	0 57	2 29	2 14	23 49	0 14	11 3	1 50	23 51	16 4	1 46	2 6	16 30	10 24	5 50
M12	2 17	5 8	1 59	14 17	1 42	1 59	0 57	26 11	2 40	9 55	0 57	2 26	2 14	23 49	0 14	11 3	1 50	23 51	16 4	1 45	2 4	16 29	10 23	5 51
T 13	1 53	0 38	0 42	13 59	1 49	2 30	0 55	26 9	2 39	9 59	0 57	2 23	2 14	23 49	0 14	11 4	1 50	23 52	16 4	1 45	2 3	16 28	10 22	5 51
W14	1 29	3n48	0s36	13 41	1 55	3 1	0 53	26 6	2 37	10 4	0 57	2 20	2 14	23 49	0 14	11 5	1 50	23 52	16 4	1 45	2 2	16 27	10 21	5 51
T 15	1 6	7 55	1 50	13 20	2 1	3 32	0 51	26 4	2 36	10 9	0 57	2 17	2 14	23 49	0 14	11 5	1 49	23 53	16 4	1 45	2 0	16 26	10 19	5 51
F 16	0 42	11 31	2 56	12 58	2 6	4 3	0 49	26 2	2 35	10 14	0 56	2 14	2 14	23 49	0 14	11 6	1 49	23 53	16 3	1 46	1 59	16 25	10 18	5 51
S 17	0 19	14 26	3 51	12 34	2 11	4 34	0 47	26 0	2 34	10 19	0 56	2 11	2 14	23 49	0 14	11 7	1 49	23 54	16 3	1 46	1 58	16 24	10 17	5 52
S 18	0n 5	16 35	4 33	12 9	2 15	5 4	0 45	25 57	2 32	10 24	0 56	2 7	2 14	23 49	0 14	11 7	1 49	23 54	16 3	1 46	1 57	16 23	10 16	5 52
M19	0 28	17 53	5 1	11 43	2 19	5 35	0 43	25 55	2 31	10 28	0 56	2 4	2 14	23 49	0 14	11 8	1 49	23 54	16 3	1 46	1 55	16 22	10 15	5 52
T 20	0 52	18 20	5 15	11 15	2 22	6 6	0 41	25 52	2 30	10 33	0 56	2 1	2 14	23 49	0 14	11 9	1 49	23 55	16 3	1 46	1 54	16 21	10 14	5 52
W21	1 16	17 57	5 16	10 46	2 25	6 36	0 39	25 50	2 29	10 38	0 56	1 58	2 14	23 49	0 14	11 10	1 49	23 55	16 3	1 46	1 53	16 20	10 12	5 52
T 22	1 39	16 48	5 2	10 15	2 27	7 6	0 37	25 47	2 27	10 43	0 56	1 55	2 14	23 49	0 14	11 10	1 49	23 56	16 3	1 46	1 52	16 20	10 11	5 53
F 23	2 2	14 55	4 36	9 43	2 29	7 36	0 34	25 44	2 26	10 48	0 55	1 52	2 14	23 49	0 14	11 11	1 49	23 56	16 2	1 46	1 50	16 19	10 10	5 53
S 24	2 26	12 23	3 58	9 9	2 30	8 6	0 32	25 41	2 25	10 53	0 55	1 49	2 14	23 49	0 14	11 12	1 49	23 56	16 2	1 46	1 49	16 18	10 9	5 53
S 25	2 49	9 18	3 9	8 34	2 30	8 36	0 30	25 38	2 24	10 58	0 55	1 46	2 14	23 49	0 14	11 12	1 49	23 57	16 2	1 46	1 48	16 17	10 8	5 53
M26	3 12	5 47	2 10	7 58	2 31	9 6	0 28	25 35	2 23	11 3	0 55	1 43	2 14	23 49	0 14	11 13	1 49	23 57	16 2	1 46	1 47	16 16	10 7	5 54
T 27	3 36	1 56	1 5	7 20	2 30	9 35	0 25	25 32	2 21	11 7	0 55	1 40	2 14	23 49	0 14	11 14	1 49	23 57	16 1	1 46	1 45	16 15	10 6	5 54
W28	3 59	2s 4	0n 5	6 41	2 29	10 4	0 23	25 29	2 20	11 12	0 55	1 37	2 14	23 49	0 14	11 15	1 49	23 58	16 1	1 47	1 44	16 14	10 4	5 54
T 29	4 22	6 3	1 16	6 0	2 28	10 33	0 20	25 26	2 19	11 17	0 55	1 34	2 14	23 49	0 14	11 15	1 49	23 58	16 1	1 46	1 43	16 13	10 3	5 54
F 30	4 45	9 49	2 24	5 19	2 26	11 2	0 18	25 22	2 18	11 22	0 55	1 31	2 14	23 49	0 14	11 16	1 49	23 58	16 1	1 46	1 41	16 12	10 2	5 55
S 31	5n 8	13s 9	3n26	4s36	2s23	11n30	0s15	25n19	2n17	11n27	0s54	1s28	2s14	23s49	0s14	11n17	1s49	23n58	16n 1	1s46	1s40	16n11	10s 1	5n55

Julian Day Number = 1988114.5, Delta T = 56m09s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°03'57, Lahiri = 6°10'57 Julian Calendar 1 March 731 == Greg. Calendar 5 March 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

APRIL 731 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 48 13	13♈52'44	28♏36	25♓41	1♉46	12♋34	2♉23	1♈34	27°R55	4♉11	6°R27	4°R24	4♎ 7	27♋28	17♒40	S 1
M 2	12 52 10	14°51'05	12♐27	27°26	3° 0	13° 0	2°36	1°42	27♐55	4°13	6♍26	4♎22	4° 4	27°35	17°42	M 2
T 3	12 56 6	15°49'25	26°27	29°13	4°13	13°26	2°50	1°49	27°54	4°15	6°25	4°21	4° 1	27°42	17°45	T 3
W 4	13 0 3	16°47'43	10♑34	1♈ 2	5°27	13°52	3° 4	1°57	27°54	4°18	6°24	4°D21	3°58	27°48	17°48	W 4
T 5	13 3 59	17°45'59	24°47	2°52	6°40	14°19	3°18	2° 4	27°54	4°20	6°23	4°21	3°55	27°55	17°50	T 5
F 6	13 7 56	18°44'14	9♒ 2	4°44	7°54	14°46	3°32	2°12	27°54	4°22	6°22	4°22	3°51	28° 2	17°53	F 6
S 7	13 11 52	19°42'28	23°18	6°38	9° 7	15°13	3°46	2°19	27°53	4°24	6°21	4°23	3°48	28° 9	17°55	S 7
S 8	13 15 49	20°40'40	7♓30	8°33	10°21	15°40	4° 0	2°26	27°53	4°26	6°19	4°24	3°45	28°15	17°57	S 8
M 9	13 19 45	21°38'50	21°37	10°30	11°34	16° 8	4°14	2°34	27°52	4°28	6°18	4°25	3°42	28°22	18° 0	M 9
T 10	13 23 42	22°36'58	5♈35	12°29	12°48	16°35	4°28	2°41	27°52	4°31	6°17	4°R25	3°39	28°29	18° 2	T 10
W11	13 27 39	23°35'05	19°21	14°29	14° 1	17° 3	4°42	2°48	27°51	4°33	6°16	4°24	3°35	28°35	18° 4	W11
T 12	13 31 35	24°33'11	2♉52	16°31	15°14	17°31	4°56	2°56	27°51	4°35	6°15	4°23	3°32	28°42	18° 6	T 12
F 13	13 35 32	25°31'14	16° 6	18°35	16°28	17°59	5°10	3° 3	27°50	4°37	6°15	4°20	3°29	28°49	18° 9	F 13
S 14	13 39 28	26°29'16	29° 1	20°40	17°41	18°28	5°24	3°10	27°49	4°40	6°14	4°17	3°26	28°56	18°11	S 14
S 15	13 43 25	27°27'16	11♊39	22°46	18°54	18°56	5°38	3°17	27°49	4°42	6°13	4°14	3°23	29° 2	18°13	S 15
M16	13 47 21	28°25'14	24° 1	24°53	20° 7	19°25	5°52	3°24	27°48	4°44	6°12	4°10	3°20	29° 9	18°15	M16
T 17	13 51 18	29°23'11	6♋10	27° 2	21°20	19°54	6° 6	3°32	27°47	4°46	6°11	4° 7	3°16	29°16	18°17	T 17
W18	13 55 14	0♉21'05	18° 9	29°11	22°34	20°23	6°20	3°39	27°46	4°49	6°10	4° 6	3°13	29°22	18°18	W18
T 19	13 59 11	1°18'58	0♌ 2	1♉22	23°47	20°52	6°34	3°46	27°45	4°51	6° 9	4°D 5	3°10	29°29	18°20	T 19
F 20	14 3 8	2°16'49	11°55	3°32	25° 0	21°22	6°49	3°53	27°44	4°53	6° 9	4° 5	3° 7	29°36	18°22	F 20
S 21	14 7 4	3°14'38	23°51	5°43	26°13	21°51	7° 3	4° 0	27°43	4°55	6° 8	4° 7	3° 4	29°42	18°24	S 21
S 22	14 11 1	4°12'25	5♍56	7°54	27°26	22°21	7°17	4° 7	27°42	4°58	6° 7	4° 8	3° 0	29°49	18°25	S 22
M23	14 14 57	5°10'11	18°14	10° 4	28°39	22°51	7°31	4°14	27°41	5° 0	6° 7	4°10	2°57	29°56	18°27	M23
T 24	14 18 54	6° 7'54	0♎49	12°14	29°52	23°21	7°45	4°21	27°40	5° 2	6° 6	4°R11	2°54	0♌ 3	18°29	T 24
W25	14 22 50	7° 5'37	13°43	14°22	1♊ 4	23°51	7°59	4°27	27°38	5° 4	6° 5	4°10	2°51	0° 9	18°30	W25
T 26	14 26 47	8° 3'18	26°58	16°30	2°17	24°21	8°13	4°34	27°37	5° 7	6° 5	4° 8	2°48	0°16	18°31	T 26
F 27	14 30 43	9° 0'57	10♏32	18°36	3°30	24°51	8°27	4°41	27°36	5° 9	6° 4	4° 5	2°45	0°23	18°33	F 27
S 28	14 34 40	9°58'35	24°25	20°41	4°43	25°22	8°42	4°48	27°34	5°11	6° 4	4° 0	2°41	0°29	18°34	S 28
S 29	14 38 37	10°56'12	8♐33	22°43	5°56	25°53	8°56	4°54	27°33	5°13	6° 3	3°55	2°38	0°36	18°35	S 29
M30	14 42 33	11♑53'47	22♐50	24♑44	7♊ 8	26♋23	9♉10	5♈ 1	27♐32	5♉16	6♍ 3	3♎49	2♎35	0♌43	18♒37	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n31	15s48	4n17	3s52	2s20	11n58	0s13	25n15	2n16	11n32	0s54	1s26	2s14	23s49	0s14	11n17	1s49	23n59	16n 0	1s45	1s39	16n10	10s 0	5n55
M 2	5 53	17 35	4 54	3 6	2 16	12 26	0 10	25 12	2 15	11 37	0 54	1 23	2 15	23 49	0 14	11 18	1 49	23 59	16 0	1 45	1 38	16 9	9 59	5 55
T 3	6 16	18 20	5 13	2 20	2 12	12 53	0 8	25 8	2 13	11 42	0 54	1 20	2 15	23 49	0 14	11 19	1 49	23 59	16 0	1 45	1 36	16 8	9 58	5 56
W 4	6 39	17 57	5 15	1 32	2 7	13 21	0 5	25 4	2 12	11 46	0 54	1 17	2 15	23 49	0 14	11 20	1 49	23 59	15 59	1 44	1 35	16 7	9 57	5 56
T 5	7 1	16 27	4 57	0 43	2 2	13 48	0 3	25 0	2 11	11 51	0 54	1 14	2 15	23 49	0 14	11 20	1 49	23 59	15 59	1 44	1 34	16 6	9 56	5 56
F 6	7 23	13 56	4 20	0n 7	1 57	14 14	0 0	24 56	2 10	11 56	0 54	1 11	2 15	23 49	0 14	11 21	1 49	24 0	15 59	1 45	1 33	16 6	9 55	5 57
S 7	7 46	10 34	3 28	0 58	1 50	14 40	0n 3	24 52	2 9	12 1	0 54	1 8	2 15	23 49	0 14	11 22	1 49	24 0	15 59	1 45	1 31	16 5	9 54	5 57
S 8	8 8	6 36	2 23	1 50	1 44	15 6	0 5	24 47	2 8	12 6	0 54	1 5	2 15	23 49	0 14	11 23	1 49	24 0	15 58	1 45	1 30	16 4	9 53	5 57
M 9	8 30	2 16	1 10	2 42	1 37	15 32	0 8	24 43	2 7	12 11	0 53	1 2	2 15	23 49	0 14	11 24	1 49	24 0	15 58	1 46	1 29	16 3	9 52	5 57
T 10	8 51	2n 8	0s 6	3 36	1 29	15 57	0 10	24 39	2 6	12 15	0 53	0 59	2 15	23 49	0 14	11 24	1 49	24 0	15 58	1 46	1 27	16 2	9 51	5 58
W11	9 13	6 22	1 22	4 31	1 21	16 22	0 13	24 34	2 5	12 20	0 53	0 57	2 15	23 49	0 14	11 25	1 49	24 0	15 57	1 46	1 26	16 1	9 50	5 58
T 12	9 35	10 12	2 30	5 26	1 12	16 46	0 16	24 29	2 4	12 25	0 53	0 54	2 15	23 49	0 14	11 26	1 49	24 0	15 57	1 45	1 25	16 0	9 49	5 58
F 13	9 56	13 25	3 30	6 21	1 3	17 10	0 18	24 24	2 3	12 30	0 53	0 51	2 15	23 49	0 14	11 27	1 49	24 0	15 57	1 44	1 24	15 59	9 48	5 59
S 14	10 17	15 54	4 17	7 17	0 54	17 33	0 21	24 20	2 2	12 35	0 53	0 48	2 15	23 49	0 14	11 27	1 49	24 0	15 56	1 43	1 22	15 58	9 47	5 59
S 15	10 38	17 33	4 50	8 14	0 44	17 56	0 23	24 14	2 1	12 39	0 53	0 45	2 16	23 49	0 14	11 28	1 49	24 0	15 56	1 41	1 21	15 57	9 46	5 59
M16	10 59	18 19	5 9	9 10	0 34	18 19	0 26	24 9	2 0	12 44	0 53	0 43	2 16	23 49	0 14	11 29	1 49	24 0	15 56	1 40	1 20	15 56	9 45	6 0
T 17	11 20	18 14	5 14	10 7	0 24	18 41	0 29	24 4	1 59	12 49	0 53	0 40	2 16	23 49	0 14	11 30	1 49	24 0	15 55	1 39	1 19	15 55	9 45	6 0
W18	11 40	17 20	5 5	11 3	0 14	19 2	0 31	23 59	1 58	12 54	0 53	0 37	2 16	23 49	0 14	11 30	1 49	24 0	15 55	1 38	1 17	15 54	9 44	6 0
T 19	12 1	15 41	4 43	11 59	0 3	19 23	0 34	23 53	1 57	12 59	0 53	0 34	2 16	23 49	0 14	11 31	1 49	24 0	15 55	1 38	1 16	15 53	9 43	6 1
F 20	12 21	13 21	4 8	12 54	0n 7	19 44	0 37	23 48	1 56	13 3	0 52	0 32	2 16	23 49	0 14	11 32	1 49	24 0	15 54	1 38	1 15	15 52	9 42	6 1
S 21	12 41	10 28	3 23	13 48	0 18	20 4	0 39	23 42	1 55	13 8	0 52	0 29	2 16	23 49	0 14	11 33	1 49	24 0	15 54	1 39	1 14	15 51	9 41	6 1
S 22	13 0	7 6	2 29	14 41	0 29	20 24	0 42	23 36	1 54	13 13	0 52	0 26	2 16	23 49	0 15	11 33	1 49	24 0	15 53	1 39	1 12	15 50	9 40	6 2
M23	13 20	3 22	1 26	15 33	0 39	20 43	0 44	23 30	1 53	13 17	0 52	0 24	2 17	23 49	0 15	11 34	1 49	24 0	15 53	1 40	1 11	15 49	9 40	6 2
T 24	13 39	0s36	0 18	16 23	0 49	21 1	0 47	23 24	1 52	13 22	0 52	0 21	2 17	23 49	0 15	11 35	1 49	24 0	15 53	1 40	1 10	15 48	9 39	6 2
W25	13 58	4 39	0n52	17 12	0 59	21 19	0 49	23 18	1 51	13 27	0 52	0 18	2 17	23 49	0 15	11 36	1 49	24 0	15 52	1 40	1 8	15 47	9 38	6 3
T 26	14 17	8 34	2 1	17 58	1 8	21 36	0 52	23 11	1 50	13 31	0 52	0 16	2 17	23 49	0 15	11 36	1 49	24 0	15 52	1 39	1 7	15 46	9 37	6 3
F 27	14 36	12 9	3 5	18 43	1 17	21 53	0 54	23 5	1 49	13 36	0 52	0 13	2 17	23 49	0 15	11 37	1 49	24 0	15 51	1 38	1 6	15 45	9 36	6 3
S 28	14 54	15 8	4 0	19 25	1 26	22 9	0 57	22 58	1 48	13 41	0 52	0 11	2 17	23 49	0 15	11 38	1 49	23 59	15 51	1 36	1 5	15 44	9 36	6 4
S 29	15 12	17 15	4 41	20 5	1 34	22 25	0 59	22 52	1 47	13 45	0 52	0 8	2 17	23 49	0 15	11 39	1 49	23 59	15 51	1 34	1 3	15 43	9 35	6 4
M30	15n30	18s20	5n 5	20n43	1n41	22n39	1n 1	22n45	1n46	13n50	0s52	0s 6	2s17	23s49	0s15	11n39	1s49	23n59	15n50	1s32	1s 2	15n42	9s34	6n 4

Julian Day Number = 1988145.5, Delta T = 56m08s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'01, Lahiri = 6°11'02 Julian Calendar 1 Apr. 731 == Greg. Calendar 5 Apr. 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

MAY 731 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 46 30	12♉51'22	7♋11	26♉42	8♊21	26♋54	9♉24	5♈ 8	27°R30	5♉18	6°R 2	3°R44	2♎32	0♌50	18♒38	T 1
W 2	14 50 26	13°48'56	21°33	28°38	9°34	27°25	9°38	5°14	27♐29	5°20	6♍ 2	3♎41	2°29	0°56	18°39	W 2
T 3	14 54 23	14°46'28	5♒51	0♊31	10°46	27°57	9°52	5°21	27°27	5°22	6° 2	3°39	2°26	1° 3	18°40	T 3
F 4	14 58 19	15°44'00	20° 1	2°22	11°59	28°28	10° 6	5°27	27°26	5°24	6° 1	3°D39	2°22	1°10	18°41	F 4
S 5	15 2 16	16°41'31	4♓ 3	4°10	13°11	28°59	10°20	5°33	27°24	5°27	6° 1	3°40	2°19	1°16	18°42	S 5
S 6	15 6 12	17°39'01	17°56	5°55	14°24	29°31	10°34	5°40	27°22	5°29	6° 1	3°41	2°16	1°23	18°43	S 6
M 7	15 10 9	18°36'30	1♈39	7°37	15°36	0♌ 3	10°48	5°46	27°21	5°31	6° 0	3°R42	2°13	1°30	18°44	M 7
T 8	15 14 6	19°33'58	15°11	9°17	16°49	0°34	11° 2	5°52	27°19	5°33	6° 0	3°41	2°10	1°37	18°44	T 8
W 9	15 18 2	20°31'26	28°31	10°53	18° 1	1° 6	11°16	5°59	27°17	5°36	6° 0	3°38	2° 6	1°43	18°45	W 9
T 10	15 21 59	21°28'52	11♉40	12°27	19°13	1°38	11°30	6° 5	27°15	5°38	6° 0	3°34	2° 3	1°50	18°46	T 10
F 11	15 25 55	22°26'18	24°37	13°58	20°26	2°10	11°44	6°11	27°14	5°40	6° 0	3°27	2° 0	1°57	18°46	F 11
S 12	15 29 52	23°23'43	7♊20	15°25	21°38	2°43	11°58	6°17	27°12	5°42	6° 0	3°19	1°57	2° 3	18°47	S 12
S 13	15 33 48	24°21'06	19°49	16°50	22°50	3°15	12°12	6°23	27°10	5°44	6° 0	3° 9	1°54	2°10	18°47	S 13
M14	15 37 45	25°18'29	2♋ 6	18°11	24° 2	3°48	12°26	6°29	27° 8	5°46	6°D 0	3° 0	1°51	2°17	18°48	M14
T 15	15 41 41	26°15'51	14°11	19°30	25°14	4°20	12°40	6°35	27° 6	5°49	6° 0	2°52	1°47	2°23	18°48	T 15
W16	15 45 38	27°13'11	26° 8	20°45	26°27	4°53	12°54	6°40	27° 4	5°51	6° 0	2°46	1°44	2°30	18°48	W16
T 17	15 49 35	28°10'31	8♌ 0	21°57	27°39	5°26	13° 8	6°46	27° 2	5°53	6° 0	2°41	1°41	2°37	18°48	T 17
F 18	15 53 31	29° 7'49	19°51	23° 6	28°51	5°59	13°22	6°52	27° 0	5°55	6° 0	2°39	1°38	2°44	18°49	F 18
S 19	15 57 28	0♊ 5'06	1♍46	24°11	0♋ 3	6°32	13°36	6°57	26°58	5°57	6° 0	2°D39	1°35	2°50	18°49	S 19
S 20	16 1 24	1° 2'23	13°50	25°13	1°15	7° 5	13°49	7° 3	26°56	5°59	6° 0	2°39	1°32	2°57	18°R49	S 20
M21	16 5 21	1°59'38	26° 8	26°12	2°26	7°38	14° 3	7° 8	26°54	6° 1	6° 0	2°R40	1°28	3° 4	18°49	M21
T 22	16 9 17	2°56'53	8♎45	27° 7	3°38	8°11	14°17	7°14	26°52	6° 3	6° 1	2°40	1°25	3°10	18°49	T 22
W23	16 13 14	3°54'06	21°45	27°58	4°50	8°45	14°30	7°19	26°49	6° 5	6° 1	2°38	1°22	3°17	18°48	W23
T 24	16 17 10	4°51'19	5♏11	28°46	6° 2	9°18	14°44	7°24	26°47	6° 7	6° 1	2°35	1°19	3°24	18°48	T 24
F 25	16 21 7	5°48'32	19° 1	29°30	7°13	9°52	14°58	7°29	26°45	6° 9	6° 1	2°28	1°16	3°30	18°48	F 25
S 26	16 25 4	6°45'43	3♐15	0♋ 9	8°25	10°25	15°11	7°35	26°43	6°11	6° 2	2°20	1°12	3°37	18°48	S 26
S 27	16 29 0	7°42'54	17°48	0°45	9°37	10°59	15°25	7°40	26°41	6°13	6° 2	2°11	1° 9	3°44	18°47	S 27
M28	16 32 57	8°40'05	2♋32	1°17	10°48	11°33	15°38	7°45	26°38	6°15	6° 3	2° 1	1° 6	3°51	18°47	M28
T 29	16 36 53	9°37'16	17°19	1°44	12° 0	12° 7	15°52	7°49	26°36	6°17	6° 3	1°52	1° 3	3°57	18°46	T 29
W30	16 40 50	10°34'26	2♒ 2	2° 7	13°11	12°41	16° 5	7°54	26°34	6°19	6° 4	1°45	1° 0	4° 4	18°46	W30
T 31	16 44 46	11♊31'36	16♒34	2♋26	14♋22	13♌15	16♉19	7♈59	26♐32	6♉21	6♍ 4	1♎41	0♎57	4♌11	18♒45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n48	18s15	5n10	21n18	1n48	22n54	1n 4	22n38	1n45	13n54	0s52	0s 3	2s18	23s49	0s15	11n40	1s49	23n59	15n50	1s30	1s 1	15n41	9s34	6n 5
W 2	16 6	17 0	4 55	21 51	1 54	23 7	1 6	22 31	1 44	13 59	0 52	0 1	2 18	23 49	0 15	11 41	1 49	23 59	15 49	1 28	1 0	15 40	9 33	6 5
T 3	16 23	14 41	4 23	22 21	1 59	23 20	1 8	22 24	1 43	14 3	0 52	0n 2	2 18	23 49	0 15	11 42	1 49	23 58	15 49	1 28	0 58	15 39	9 32	6 5
F 4	16 40	11 31	3 34	22 48	2 4	23 33	1 11	22 16	1 42	14 8	0 51	0 4	2 18	23 49	0 15	11 42	1 49	23 58	15 49	1 27	0 57	15 38	9 32	6 6
S 5	16 56	7 42	2 34	23 13	2 8	23 44	1 13	22 9	1 41	14 12	0 51	0 7	2 18	23 49	0 15	11 43	1 49	23 58	15 48	1 28	0 56	15 37	9 31	6 6
S 6	17 13	3 31	1 24	23 35	2 11	23 55	1 15	22 2	1 40	14 17	0 51	0 9	2 18	23 49	0 15	11 44	1 49	23 57	15 48	1 28	0 54	15 36	9 31	6 6
M 7	17 29	0n50	0 11	23 55	2 13	24 6	1 17	21 54	1 40	14 21	0 51	0 11	2 19	23 49	0 15	11 45	1 49	23 57	15 47	1 29	0 53	15 35	9 30	6 7
T 8	17 45	5 4	1s 2	24 13	2 15	24 15	1 19	21 46	1 39	14 26	0 51	0 14	2 19	23 49	0 15	11 45	1 49	23 57	15 47	1 28	0 52	15 34	9 29	6 7
W 9	18 0	9 0	2 10	24 28	2 16	24 24	1 21	21 38	1 38	14 30	0 51	0 16	2 19	23 49	0 15	11 46	1 49	23 57	15 46	1 27	0 51	15 33	9 29	6 7
T 10	18 15	12 25	3 10	24 41	2 16	24 32	1 23	21 30	1 37	14 35	0 51	0 18	2 19	23 49	0 15	11 47	1 49	23 56	15 46	1 26	0 49	15 32	9 28	6 8
F 11	18 30	15 11	3 59	24 52	2 15	24 40	1 25	21 22	1 36	14 39	0 51	0 20	2 19	23 49	0 15	11 47	1 49	23 56	15 46	1 23	0 48	15 31	9 28	6 8
S 12	18 45	17 9	4 36	25 0	2 13	24 47	1 27	21 14	1 35	14 43	0 51	0 23	2 19	23 49	0 15	11 48	1 49	23 55	15 45	1 19	0 47	15 30	9 27	6 8
S 13	18 59	18 15	4 58	25 7	2 11	24 53	1 29	21 5	1 34	14 48	0 51	0 25	2 20	23 49	0 15	11 49	1 49	23 55	15 45	1 16	0 46	15 29	9 27	6 9
M14	19 13	18 29	5 6	25 12	2 8	24 58	1 31	20 57	1 33	14 52	0 51	0 27	2 20	23 49	0 15	11 49	1 49	23 55	15 44	1 12	0 44	15 28	9 26	6 9
T 15	19 27	17 52	5 0	25 15	2 4	25 3	1 32	20 48	1 32	14 56	0 51	0 29	2 20	23 49	0 15	11 50	1 49	23 54	15 44	1 9	0 43	15 26	9 26	6 10
W16	19 40	16 27	4 41	25 16	1 59	25 7	1 34	20 39	1 32	15 0	0 51	0 31	2 20	23 49	0 15	11 51	1 49	23 54	15 43	1 6	0 42	15 25	9 26	6 10
T 17	19 53	14 21	4 10	25 15	1 54	25 10	1 35	20 30	1 31	15 5	0 51	0 33	2 20	23 49	0 15	11 52	1 49	23 53	15 43	1 5	0 40	15 24	9 25	6 10
F 18	20 6	11 39	3 29	25 13	1 48	25 13	1 37	20 21	1 30	15 9	0 51	0 35	2 21	23 49	0 15	11 52	1 49	23 53	15 42	1 4	0 39	15 23	9 25	6 11
S 19	20 18	8 28	2 38	25 9	1 41	25 15	1 39	20 12	1 29	15 13	0 51	0 38	2 21	23 49	0 15	11 53	1 49	23 52	15 42	1 4	0 38	15 22	9 24	6 11
S 20	20 30	4 53	1 39	25 4	1 33	25 16	1 40	20 3	1 28	15 17	0 51	0 40	2 21	23 49	0 15	11 54	1 49	23 52	15 42	1 4	0 37	15 21	9 24	6 11
M21	20 42	1 1	0 35	24 57	1 25	25 16	1 41	19 54	1 27	15 21	0 51	0 42	2 21	23 49	0 15	11 54	1 49	23 52	15 41	1 4	0 35	15 20	9 24	6 12
T 22	20 53	3s 0	0n33	24 50	1 15	25 16	1 43	19 44	1 27	15 26	0 51	0 43	2 21	23 49	0 15	11 55	1 49	23 51	15 41	1 4	0 34	15 19	9 23	6 12
W23	21 4	6 59	1 40	24 41	1 6	25 14	1 44	19 34	1 26	15 30	0 51	0 45	2 22	23 49	0 15	11 56	1 49	23 50	15 40	1 3	0 33	15 18	9 23	6 12
T 24	21 15	10 45	2 44	24 31	0 55	25 13	1 45	19 25	1 25	15 34	0 51	0 47	2 22	23 49	0 15	11 56	1 49	23 50	15 40	1 2	0 32	15 17	9 23	6 13
F 25	21 25	14 3	3 41	24 20	0 44	25 10	1 46	19 15	1 24	15 38	0 51	0 49	2 22	23 49	0 15	11 57	1 49	23 49	15 39	0 59	0 30	15 16	9 23	6 13
S 26	21 35	16 37	4 25	24 8	0 32	25 7	1 47	19 5	1 23	15 42	0 51	0 51	2 22	23 49	0 15	11 57	1 49	23 49	15 39	0 56	0 29	15 15	9 22	6 13
S 27	21 45	18 10	4 54	23 55	0 19	25 3	1 48	18 55	1 22	15 46	0 51	0 53	2 22	23 49	0 15	11 58	1 49	23 48	15 38	0 52	0 28	15 14	9 22	6 14
M28	21 54	18 32	5 3	23 42	0 6	24 58	1 49	18 44	1 22	15 50	0 50	0 55	2 23	23 49	0 15	11 59	1 49	23 48	15 38	0 48	0 26	15 13	9 22	6 14
T 29	22 3	17 39	4 52	23 28	0s 8	24 52	1 50	18 34	1 21	15 54	0 50	0 56	2 23	23 49	0 15	11 59	1 49	23 47	15 38	0 45	0 25	15 12	9 22	6 14
W30	22 11	15 35	4 22	23 13	0 22	24 46	1 50	18 24	1 20	15 58	0 50	0 58	2 23	23 48	0 15	12 0	1 49	23 47	15 37	0 42	0 24	15 10	9 22	6 15
T 31	22n19	12s33	3n35	22n58	0s37	24n39	1n51	18n13	1n19	16n 1	0s50	1n 0	2s23	23s48	0s15	12n 1	1s49	23n46	15n37	0s40	0s23	15n 9	9s21	6n15

Julian Day Number = 1988175.5, Delta T = 56m07s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'05, Lahiri = 6°11'06 Julian Calendar 1 May 731 == Greg. Calendar 5 May 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

JUNE 731 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 48 43	12♊28'46	0♓50	2♋40	15♋34	13♌49	16♉32	8♈ 4	26°R29	6♉23	6♍ 5	1°R39	0♎53	4♌17	18°R44	F 1
S 2	16 52 39	13°25'56	14°51	2°50	16°45	14°23	16°45	8° 8	26♐27	6°25	6° 5	1°D38	0°50	4°24	18♒44	S 2
S 3	16 56 36	14°23'06	28°34	2°55	17°56	14°58	16°59	8°13	26°25	6°27	6° 6	1°R39	0°47	4°31	18°43	S 3
M 4	17 0 33	15°20'16	12♈ 1	2°R55	19° 7	15°32	17°12	8°17	26°22	6°29	6° 7	1♎38	0°44	4°37	18°42	M 4
T 5	17 4 29	16°17'26	25°14	2°51	20°19	16° 7	17°25	8°22	26°20	6°30	6° 7	1°36	0°41	4°44	18°41	T 5
W 6	17 8 26	17°14'36	8♉15	2°42	21°30	16°41	17°38	8°26	26°17	6°32	6° 8	1°32	0°38	4°51	18°40	W 6
T 7	17 12 22	18°11'47	21° 3	2°29	22°41	17°16	17°51	8°30	26°15	6°34	6° 9	1°25	0°34	4°58	18°39	T 7
F 8	17 16 19	19° 8'57	3♊41	2°12	23°52	17°51	18° 4	8°34	26°13	6°36	6° 9	1°15	0°31	5° 4	18°38	F 8
S 9	17 20 15	20° 6'07	16° 8	1°51	25° 3	18°26	18°17	8°38	26°10	6°38	6°10	1° 3	0°28	5°11	18°37	S 9
S 10	17 24 12	21° 3'18	28°25	1°26	26°13	19° 1	18°30	8°42	26° 8	6°39	6°11	0°49	0°25	5°18	18°36	S 10
M11	17 28 8	22° 0'28	10♋33	0°58	27°24	19°36	18°43	8°46	26° 5	6°41	6°12	0°36	0°22	5°24	18°35	M11
T 12	17 32 5	22°57'38	22°33	0°27	28°35	20°11	18°56	8°50	26° 3	6°43	6°13	0°24	0°18	5°31	18°33	T 12
W13	17 36 2	23°54'48	4♌27	29♊53	29°46	20°46	19° 9	8°54	26° 1	6°44	6°14	0°14	0°15	5°38	18°32	W13
T 14	17 39 58	24°51'58	16°16	29°17	0♌56	21°22	19°21	8°57	25°58	6°46	6°15	0° 7	0°12	5°44	18°31	T 14
F 15	17 43 55	25°49'08	28° 5	28°40	2° 7	21°57	19°34	9° 1	25°56	6°48	6°16	0° 2	0° 9	5°51	18°29	F 15
S 16	17 47 51	26°46'18	9♍58	28° 3	3°17	22°32	19°46	9° 4	25°53	6°49	6°17	29♍59	0° 6	5°58	18°28	S 16
S 17	17 51 48	27°43'28	22° 0	27°25	4°28	23° 8	19°59	9° 8	25°51	6°51	6°18	29°59	0° 3	6° 5	18°26	S 17
M18	17 55 44	28°40'37	4♎16	26°47	5°38	23°44	20°11	9°11	25°48	6°52	6°19	29°59	29♍59	6°11	18°25	M18
T 19	17 59 41	29°37'47	16°51	26°11	6°48	24°19	20°24	9°14	25°46	6°54	6°20	29°59	29°56	6°18	18°23	T 19
W20	18 3 37	0♋34'57	29°51	25°37	7°58	24°55	20°36	9°17	25°44	6°55	6°21	29°56	29°53	6°25	18°21	W20
T 21	18 7 34	1°32'07	13♏18	25° 5	9° 8	25°31	20°48	9°20	25°41	6°57	6°22	29°52	29°50	6°31	18°19	T 21
F 22	18 11 31	2°29'17	27°14	24°36	10°18	26° 7	21° 0	9°23	25°39	6°58	6°23	29°45	29°47	6°38	18°18	F 22
S 23	18 15 27	3°26'27	11♐38	24°11	11°28	26°43	21°13	9°26	25°36	7° 0	6°24	29°36	29°44	6°45	18°16	S 23
S 24	18 19 24	4°23'38	26°25	23°49	12°38	27°19	21°25	9°28	25°34	7° 1	6°26	29°26	29°40	6°51	18°14	S 24
M25	18 23 20	5°20'49	11♑27	23°32	13°48	27°55	21°37	9°31	25°32	7° 3	6°27	29°15	29°37	6°58	18°12	M25
T 26	18 27 17	6°18'00	26°36	23°20	14°58	28°31	21°48	9°33	25°29	7° 4	6°28	29° 5	29°34	7° 5	18°10	T 26
W27	18 31 13	7°15'12	11♒39	23°13	16° 7	29° 7	22° 0	9°36	25°27	7° 5	6°30	28°57	29°31	7°12	18° 8	W27
T 28	18 35 10	8°12'25	26°29	23°D12	17°17	29°44	22°12	9°38	25°25	7° 7	6°31	28°52	29°28	7°18	18° 6	T 28
F 29	18 39 6	9° 9'39	11♓ 0	23°16	18°26	0♍20	22°24	9°40	25°22	7° 8	6°32	28°49	29°24	7°25	18° 4	F 29
S 30	18 43 3	10♋ 6'53	25♓ 7	23♊25	19♌36	0♍57	22♉35	9♈42	25♐20	7♉ 9	6♍34	28°D48	29♍21	7♌32	18♒ 2	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n27	8s49	2n36	22n42	0s52	24n32	1n52	18n 2	1n18	16n 5	0s50	1n 1	2s24	23s48	0s15	12n 1	1s49	23n45	15n36	0s40	0s21	15n 8	9s21	6n15
S 2	22 34	4 39	1 28	22 27	1 8	24 24	1 52	17 52	1 17	16 9	0 50	1 3	2 24	23 48	0 15	12 2	1 49	23 45	15 36	0 39	0 20	15 7	9 21	6 16
S 3	22 41	0 19	0 16	22 11	1 23	24 15	1 52	17 41	1 17	16 13	0 50	1 4	2 24	23 48	0 15	12 2	1 49	23 44	15 35	0 39	0 19	15 6	9 21	6 16
M 4	22 47	3n57	0s55	21 55	1 39	24 5	1 53	17 30	1 16	16 17	0 50	1 6	2 24	23 48	0 15	12 3	1 49	23 43	15 35	0 39	0 18	15 5	9 21	6 16
T 5	22 53	7 57	2 2	21 39	1 56	23 55	1 53	17 18	1 15	16 20	0 50	1 8	2 25	23 48	0 15	12 3	1 49	23 43	15 34	0 39	0 16	15 4	9 21	6 17
W 6	22 59	11 30	3 1	21 23	2 12	23 44	1 53	17 7	1 14	16 24	0 50	1 9	2 25	23 48	0 15	12 4	1 49	23 42	15 34	0 37	0 15	15 3	9 21	6 17
T 7	23 4	14 27	3 50	21 7	2 28	23 32	1 53	16 56	1 13	16 28	0 50	1 10	2 25	23 48	0 15	12 5	1 49	23 41	15 34	0 34	0 14	15 2	9 21	6 17
F 8	23 9	16 40	4 27	20 52	2 43	23 20	1 53	16 44	1 13	16 31	0 50	1 12	2 25	23 48	0 15	12 5	1 50	23 41	15 33	0 30	0 12	15 1	9 21	6 18
S 9	23 14	18 4	4 50	20 37	2 59	23 7	1 53	16 33	1 12	16 35	0 50	1 13	2 26	23 48	0 15	12 6	1 50	23 40	15 33	0 25	0 11	15 0	9 21	6 18
S 10	23 18	18 35	5 0	20 22	3 14	22 54	1 53	16 21	1 11	16 39	0 50	1 15	2 26	23 48	0 15	12 6	1 50	23 39	15 32	0 20	0 10	14 58	9 21	6 18
M11	23 21	18 16	4 56	20 8	3 28	22 39	1 52	16 9	1 10	16 42	0 50	1 16	2 26	23 48	0 15	12 7	1 50	23 39	15 32	0 15	0 9	14 57	9 21	6 19
T 12	23 25	17 7	4 39	19 55	3 41	22 25	1 52	15 57	1 10	16 46	0 50	1 17	2 26	23 48	0 15	12 7	1 50	23 38	15 31	0 10	0 7	14 56	9 21	6 19
W13	23 28	15 15	4 9	19 43	3 53	22 9	1 52	15 45	1 9	16 49	0 50	1 18	2 27	23 48	0 15	12 8	1 50	23 37	15 31	0 6	0 6	14 55	9 21	6 19
T 14	23 30	12 44	3 29	19 31	4 5	21 53	1 51	15 33	1 8	16 53	0 50	1 20	2 27	23 48	0 15	12 8	1 50	23 36	15 31	0 3	0 5	14 54	9 22	6 20
F 15	23 32	9 43	2 40	19 21	4 15	21 37	1 50	15 21	1 7	16 56	0 50	1 21	2 27	23 48	0 15	12 9	1 50	23 36	15 30	0 1	0 4	14 53	9 22	6 20
S 16	23 34	6 17	1 44	19 12	4 23	21 20	1 50	15 8	1 6	17 0	0 50	1 22	2 27	23 47	0 15	12 9	1 50	23 35	15 30	0n 0	0 2	14 52	9 22	6 20
S 17	23 35	2 33	0 42	19 4	4 30	21 2	1 49	14 56	1 6	17 3	0 50	1 23	2 28	23 47	0 15	12 10	1 50	23 34	15 29	0 0	0 1	14 51	9 22	6 20
M18	23 36	1s22	0n23	18 58	4 36	20 44	1 48	14 43	1 5	17 6	0 50	1 24	2 28	23 47	0 15	12 10	1 50	23 33	15 29	0 0	0n 0	14 49	9 22	6 21
T 19	23 36	5 19	1 28	18 53	4 40	20 25	1 47	14 31	1 4	17 10	0 50	1 25	2 28	23 47	0 15	12 11	1 50	23 33	15 29	0 1	0 2	14 48	9 23	6 21
W20	23 36	9 8	2 31	18 49	4 43	20 6	1 46	14 18	1 3	17 13	0 50	1 26	2 28	23 47	0 15	12 11	1 50	23 32	15 28	0 1	0 3	14 47	9 23	6 21
T 21	23 35	12 38	3 28	18 47	4 43	19 46	1 44	14 5	1 3	17 16	0 50	1 27	2 29	23 47	0 15	12 12	1 50	23 31	15 28	0 3	0 4	14 46	9 23	6 22
F 22	23 35	15 33	4 14	18 47	4 43	19 26	1 43	13 52	1 2	17 19	0 50	1 28	2 29	23 47	0 15	12 12	1 50	23 30	15 27	0 6	0 5	14 45	9 23	6 22
S 23	23 33	17 36	4 46	18 48	4 40	19 5	1 42	13 39	1 1	17 22	0 50	1 29	2 29	23 47	0 15	12 12	1 50	23 29	15 27	0 9	0 7	14 44	9 24	6 22
S 24	23 32	18 33	5 0	18 51	4 36	18 44	1 40	13 26	1 0	17 26	0 50	1 29	2 30	23 47	0 15	12 13	1 50	23 28	15 27	0 14	0 8	14 43	9 24	6 22
M25	23 29	18 13	4 54	18 56	4 31	18 22	1 39	13 13	1 0	17 29	0 50	1 30	2 30	23 47	0 15	12 13	1 50	23 28	15 26	0 18	0 9	14 42	9 24	6 23
T 26	23 27	16 36	4 27	19 2	4 25	18 0	1 37	12 59	0 59	17 32	0 50	1 31	2 30	23 47	0 15	12 14	1 50	23 27	15 26	0 22	0 10	14 40	9 25	6 23
W27	23 24	13 51	3 42	19 9	4 17	17 37	1 35	12 46	0 58	17 35	0 50	1 32	2 30	23 47	0 15	12 14	1 50	23 26	15 26	0 25	0 12	14 39	9 25	6 23
T 28	23 21	10 14	2 42	19 18	4 8	17 14	1 33	12 32	0 57	17 38	0 50	1 32	2 31	23 47	0 15	12 14	1 50	23 25	15 25	0 27	0 13	14 38	9 25	6 23
F 29	23 17	6 4	1 33	19 28	3 58	16 51	1 31	12 19	0 57	17 41	0 50	1 33	2 31	23 47	0 15	12 15	1 51	23 24	15 25	0 28	0 14	14 37	9 26	6 24
S 30	23n13	1s39	0n19	19n40	3s47	16n27	1n29	12n 5	0n56	17n44	0s50	1n33	2s31	23s46	0s15	12n15	1s51	23n23	15n24	0n29	0n16	14n36	9s26	6n24

Julian Day Number = 1988206.5, Delta T = 56m07s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'09, Lahiri = 6°11'10 Julian Calendar 1 June 731 == Greg. Calendar 5 June 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

JULY 731 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 47 0	11♋ 4'08	8♈52	23♊41	20♌45	1♍33	22♉47	9♈44	25°R18	7♉10	6♍35	28°R48	29♍18	7♌38	18°R 0	S 1
M 2	18 50 56	12° 1'25	22°15	24° 2	21°54	2°10	22°58	9°46	25♐15	7°12	6°37	28♍48	29°15	7°45	17♒57	M 2
T 3	18 54 53	12°58'42	5♉19	24°29	23° 3	2°46	23° 9	9°48	25°13	7°13	6°38	28°46	29°12	7°52	17°55	T 3
W 4	18 58 49	13°56'00	18° 7	25° 2	24°12	3°23	23°21	9°50	25°11	7°14	6°39	28°42	29° 9	7°58	17°53	W 4
T 5	19 2 46	14°53'20	0♊41	25°41	25°21	4° 0	23°32	9°52	25° 8	7°15	6°41	28°35	29° 5	8° 5	17°50	T 5
F 6	19 6 42	15°50'40	13° 4	26°26	26°30	4°37	23°43	9°53	25° 6	7°16	6°43	28°26	29° 2	8°12	17°48	F 6
S 7	19 10 39	16°48'02	25°17	27°17	27°39	5°14	23°54	9°54	25° 4	7°17	6°44	28°15	28°59	8°18	17°46	S 7
S 8	19 14 36	17°45'24	7♋23	28°13	28°47	5°51	24° 5	9°56	25° 2	7°18	6°46	28° 2	28°56	8°25	17°43	S 8
M 9	19 18 32	18°42'48	19°22	29°15	29°56	6°28	24°16	9°57	25° 0	7°19	6°47	27°49	28°53	8°32	17°41	M 9
T 10	19 22 29	19°40'12	1♌16	0♋22	1♍ 4	7° 5	24°26	9°58	24°58	7°20	6°49	27°38	28°49	8°39	17°38	T 10
W11	19 26 25	20°37'37	13° 6	1°35	2°12	7°43	24°37	9°59	24°55	7°21	6°51	27°28	28°46	8°45	17°36	W11
T 12	19 30 22	21°35'03	24°55	2°53	3°20	8°20	24°47	10° 0	24°53	7°22	6°52	27°21	28°43	8°52	17°33	T 12
F 13	19 34 18	22°32'30	6♍44	4°16	4°29	8°57	24°58	10° 1	24°51	7°23	6°54	27°17	28°40	8°59	17°30	F 13
S 14	19 38 15	23°29'57	18°38	5°44	5°36	9°35	25° 8	10° 1	24°49	7°24	6°56	27°15	28°37	9° 5	17°28	S 14
S 15	19 42 11	24°27'26	0♎40	7°16	6°44	10°12	25°18	10° 2	24°47	7°24	6°57	27°D14	28°34	9°12	17°25	S 15
M16	19 46 8	25°24'55	12°55	8°53	7°52	10°50	25°28	10° 2	24°45	7°25	6°59	27°15	28°30	9°19	17°22	M16
T 17	19 50 4	26°22'25	25°28	10°34	9° 0	11°28	25°38	10° 3	24°43	7°26	7° 1	27°R15	28°27	9°25	17°20	T 17
W18	19 54 1	27°19'57	8♏23	12°18	10° 7	12° 5	25°48	10° 3	24°41	7°27	7° 3	27°15	28°24	9°32	17°17	W18
T 19	19 57 58	28°17'29	21°46	14° 6	11°14	12°43	25°58	10° 3	24°40	7°27	7° 5	27°12	28°21	9°39	17°14	T 19
F 20	20 1 54	29°15'02	5♐37	15°57	12°21	13°21	26° 7	10°R 3	24°38	7°28	7° 6	27° 8	28°18	9°45	17°11	F 20
S 21	20 5 51	0♌12'36	19°58	17°50	13°28	13°59	26°17	10° 3	24°36	7°29	7° 8	27° 1	28°15	9°52	17° 9	S 21
S 22	20 9 47	1°10'11	4♑45	19°46	14°35	14°37	26°26	10° 3	24°34	7°29	7°10	26°53	28°11	9°59	17° 6	S 22
M23	20 13 44	2° 7'47	19°52	21°44	15°42	15°15	26°36	10° 3	24°32	7°30	7°12	26°45	28° 8	10° 6	17° 3	M23
T 24	20 17 40	3° 5'25	5♒ 9	23°43	16°49	15°53	26°45	10° 2	24°31	7°30	7°14	26°38	28° 5	10°12	17° 0	T 24
W25	20 21 37	4° 3'04	20°24	25°43	17°55	16°31	26°54	10° 2	24°29	7°31	7°16	26°32	28° 2	10°19	16°57	W25
T 26	20 25 34	5° 0'44	5♓28	27°44	19° 1	17°10	27° 3	10° 1	24°27	7°31	7°18	26°28	27°59	10°26	16°54	T 26
F 27	20 29 30	5°58'26	20°13	29°45	20° 7	17°48	27°12	10° 1	24°26	7°32	7°20	26°D26	27°55	10°32	16°51	F 27
S 28	20 33 27	6°56'09	4♈33	1♌46	21°13	18°26	27°20	10° 0	24°24	7°32	7°22	26°26	27°52	10°39	16°48	S 28
S 29	20 37 23	7°53'54	18°27	3°48	22°19	19° 5	27°29	9°59	24°22	7°32	7°24	26°27	27°49	10°46	16°45	S 29
M30	20 41 20	8°51'41	1♉54	5°49	23°24	19°44	27°37	9°58	24°21	7°33	7°26	26°28	27°46	10°52	16°43	M30
T 31	20 45 16	9♌49'30	14♉58	7♌49	24♍30	20♍22	27♉46	9♈57	24♐19	7♉33	7♍28	26°R28	27♍43	10♌59	16♒40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 8	2n44	0s53	19n52	3s35	16n 3	1n27	11n51	0n55	17n47	0s50	1n34	2s31	23s46	0s15	12n15	1s51	23n23	15n24	0n29	0n17	14n35	9s27	6n24
M 2	23 3	6 51	2 1	20 6	3 23	15 38	1 25	11 37	0 54	17 50	0 50	1 34	2 32	23 46	0 15	12 16	1 51	23 22	15 24	0 29	0 18	14 33	9 27	6 24
T 3	22 58	10 33	3 1	20 20	3 9	15 13	1 22	11 23	0 54	17 52	0 50	1 35	2 32	23 46	0 15	12 16	1 51	23 21	15 23	0 30	0 19	14 32	9 28	6 24
W 4	22 52	13 40	3 50	20 35	2 56	14 48	1 20	11 9	0 53	17 55	0 51	1 35	2 32	23 46	0 15	12 16	1 51	23 20	15 23	0 31	0 21	14 31	9 28	6 25
T 5	22 46	16 5	4 27	20 50	2 42	14 22	1 17	10 55	0 52	17 58	0 51	1 36	2 33	23 46	0 15	12 17	1 51	23 19	15 23	0 34	0 22	14 30	9 29	6 25
F 6	22 39	17 42	4 51	21 6	2 27	13 56	1 15	10 41	0 51	18 1	0 51	1 36	2 33	23 46	0 15	12 17	1 51	23 18	15 22	0 38	0 23	14 29	9 29	6 25
S 7	22 32	18 30	5 1	21 22	2 13	13 30	1 12	10 27	0 51	18 3	0 51	1 36	2 33	23 46	0 15	12 17	1 51	23 17	15 22	0 42	0 24	14 28	9 30	6 25
S 8	22 25	18 26	4 58	21 38	1 58	13 3	1 9	10 12	0 50	18 6	0 51	1 37	2 33	23 46	0 15	12 18	1 51	23 16	15 22	0 47	0 26	14 26	9 30	6 25
M 9	22 17	17 33	4 41	21 53	1 43	12 36	1 6	9 58	0 49	18 9	0 51	1 37	2 34	23 46	0 15	12 18	1 51	23 15	15 21	0 52	0 27	14 25	9 31	6 26
T 10	22 9	15 55	4 12	22 8	1 28	12 9	1 3	9 43	0 49	18 11	0 51	1 37	2 34	23 46	0 15	12 18	1 51	23 14	15 21	0 57	0 28	14 24	9 31	6 26
W11	22 0	13 36	3 32	22 22	1 13	11 42	1 0	9 28	0 48	18 14	0 51	1 37	2 34	23 46	0 15	12 18	1 51	23 14	15 21	1 1	0 29	14 23	9 32	6 26
T 12	21 51	10 44	2 43	22 36	0 59	11 14	0 57	9 14	0 47	18 16	0 51	1 37	2 35	23 46	0 15	12 19	1 51	23 13	15 21	1 4	0 31	14 22	9 33	6 26
F 13	21 42	7 26	1 47	22 48	0 44	10 46	0 54	8 59	0 46	18 19	0 51	1 37	2 35	23 45	0 15	12 19	1 51	23 12	15 20	1 5	0 32	14 21	9 33	6 26
S 14	21 32	3 49	0 46	22 58	0 30	10 18	0 50	8 44	0 46	18 21	0 51	1 37	2 35	23 45	0 15	12 19	1 51	23 11	15 20	1 6	0 33	14 19	9 34	6 26
S 15	21 22	0 1	0n18	23 7	0 17	9 49	0 47	8 29	0 45	18 24	0 51	1 37	2 35	23 45	0 15	12 19	1 51	23 10	15 20	1 6	0 35	14 18	9 35	6 26
M16	21 12	3s52	1 23	23 15	0 3	9 20	0 43	8 14	0 44	18 26	0 51	1 37	2 36	23 45	0 15	12 19	1 51	23 9	15 19	1 6	0 36	14 17	9 35	6 27
T 17	21 1	7 40	2 25	23 20	0n 9	8 52	0 39	7 59	0 43	18 28	0 51	1 37	2 36	23 45	0 15	12 20	1 52	23 8	15 19	1 6	0 37	14 16	9 36	6 27
W18	20 50	11 13	3 22	23 23	0 21	8 23	0 36	7 44	0 43	18 31	0 51	1 37	2 36	23 45	0 15	12 20	1 52	23 7	15 19	1 6	0 38	14 15	9 37	6 27
T 19	20 39	14 19	4 10	23 23	0 32	7 53	0 32	7 29	0 42	18 33	0 51	1 37	2 37	23 45	0 15	12 20	1 52	23 6	15 19	1 7	0 40	14 13	9 37	6 27
F 20	20 27	16 43	4 45	23 21	0 43	7 24	0 28	7 13	0 41	18 35	0 51	1 36	2 37	23 45	0 15	12 20	1 52	23 5	15 18	1 9	0 41	14 12	9 38	6 27
S 21	20 15	18 10	5 3	23 17	0 53	6 54	0 24	6 58	0 41	18 37	0 51	1 36	2 37	23 45	0 16	12 20	1 52	23 4	15 18	1 12	0 42	14 11	9 39	6 27
S 22	20 2	18 28	5 3	23 9	1 2	6 25	0 20	6 43	0 40	18 40	0 51	1 36	2 37	23 45	0 16	12 20	1 52	23 3	15 18	1 15	0 43	14 10	9 40	6 27
M23	19 49	17 29	4 42	22 59	1 10	5 55	0 16	6 27	0 39	18 42	0 51	1 35	2 38	23 45	0 16	12 21	1 52	23 2	15 18	1 18	0 45	14 9	9 40	6 27
T 24	19 36	15 14	4 0	22 46	1 17	5 25	0 11	6 12	0 38	18 44	0 51	1 35	2 38	23 45	0 16	12 21	1 52	23 1	15 17	1 21	0 46	14 7	9 41	6 27
W25	19 22	11 55	3 1	22 31	1 24	4 55	0 7	5 56	0 38	18 46	0 51	1 34	2 38	23 45	0 16	12 21	1 52	23 1	15 17	1 23	0 47	14 6	9 42	6 27
T 26	19 9	7 51	1 50	22 13	1 30	4 25	0 3	5 40	0 37	18 48	0 51	1 34	2 39	23 44	0 16	12 21	1 52	23 0	15 17	1 25	0 49	14 5	9 43	6 28
F 27	18 54	3 23	0 33	21 53	1 34	3 55	0s 2	5 25	0 36	18 50	0 51	1 33	2 39	23 44	0 16	12 21	1 52	22 59	15 17	1 26	0 50	14 4	9 44	6 28
S 28	18 40	1n 9	0s44	21 30	1 38	3 24	0 6	5 9	0 36	18 52	0 51	1 33	2 39	23 44	0 16	12 21	1 52	22 58	15 17	1 26	0 51	14 3	9 44	6 28
S 29	18 25	5 29	1 56	21 5	1 41	2 54	0 11	4 53	0 35	18 54	0 51	1 32	2 39	23 44	0 16	12 21	1 52	22 57	15 16	1 25	0 52	14 1	9 45	6 28
M30	18 10	9 24	3 0	20 37	1 44	2 24	0 16	4 37	0 34	18 56	0 52	1 32	2 40	23 44	0 16	12 21	1 52	22 56	15 16	1 25	0 54	14 0	9 46	6 28
T 31	17n54	12n44	3s52	20n 8	1n45	1n53	0s21	4n21	0n34	18n57	0s52	1n31	2s40	23s44	0s16	12n21	1s52	22n55	15n16	1n25	0n55	13n59	9s47	6n28

Julian Day Number = 1988236.5, Delta T = 56m06s
Ecliptic obliquity = 23°36'02, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'14, Lahiri = 6°11'14 Julian Calendar 1 July 731 == Greg. Calendar 5 July 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

AUGUST 731 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 49 13	10♌47'20	27♉42	9♌49	25♍35	21♍ 1	27♉54	9°R56	24°R18	7♉33	7♍30	26°R27	27♍40	11♌ 6	16°R37	W 1
T 2	20 53 9	11°45'13	10♊ 9	11°48	26°40	21°40	28° 2	9♈54	24♐17	7°33	7°32	26♍23	27°36	11°12	16♒34	T 2
F 3	20 57 6	12°43'07	22°24	13°46	27°45	22°18	28°10	9°53	24°15	7°34	7°34	26°18	27°33	11°19	16°31	F 3
S 4	21 1 2	13°41'03	4♋28	15°43	28°50	22°57	28°18	9°51	24°14	7°34	7°36	26°11	27°30	11°26	16°28	S 4
S 5	21 4 59	14°39'01	16°26	17°39	29°54	23°36	28°25	9°50	24°13	7°34	7°38	26° 4	27°27	11°32	16°25	S 5
M 6	21 8 56	15°37'01	28°19	19°34	0♎58	24°15	28°33	9°48	24°12	7°34	7°40	25°56	27°24	11°39	16°22	M 6
T 7	21 12 52	16°35'02	10♌ 9	21°27	2° 2	24°54	28°40	9°46	24°10	7°34	7°42	25°49	27°21	11°46	16°19	T 7
W 8	21 16 49	17°33'05	21°59	23°20	3° 6	25°33	28°47	9°44	24° 9	7°R34	7°44	25°43	27°17	11°53	16°16	W 8
T 9	21 20 45	18°31'09	3♍49	25°11	4°10	26°13	28°54	9°42	24° 8	7°34	7°46	25°39	27°14	11°59	16°13	T 9
F 10	21 24 42	19°29'15	15°43	27° 1	5°13	26°52	29° 1	9°40	24° 7	7°34	7°48	25°37	27°11	12° 6	16°10	F 10
S 11	21 28 38	20°27'23	27°42	28°50	6°16	27°31	29° 8	9°38	24° 6	7°34	7°51	25°D36	27° 8	12°13	16° 7	S 11
S 12	21 32 35	21°25'33	9♎49	0♍37	7°19	28°11	29°14	9°36	24° 5	7°34	7°53	25°37	27° 5	12°19	16° 4	S 12
M13	21 36 31	22°23'44	22° 9	2°23	8°22	28°50	29°21	9°33	24° 4	7°34	7°55	25°39	27° 1	12°26	16° 1	M13
T 14	21 40 28	23°21'56	4♏44	4° 8	9°24	29°30	29°27	9°31	24° 3	7°33	7°57	25°40	26°58	12°33	15°58	T 14
W15	21 44 25	24°20'10	17°39	5°52	10°26	0♎ 9	29°33	9°28	24° 3	7°33	7°59	25°42	26°55	12°39	15°55	W15
T 16	21 48 21	25°18'26	0♐56	7°35	11°28	0°49	29°39	9°26	24° 2	7°33	8° 1	25°R42	26°52	12°46	15°52	T 16
F 17	21 52 18	26°16'43	14°40	9°16	12°29	1°29	29°45	9°23	24° 1	7°33	8° 4	25°40	26°49	12°53	15°49	F 17
S 18	21 56 14	27°15'02	28°49	10°56	13°30	2° 9	29°50	9°20	24° 0	7°32	8° 6	25°38	26°46	12°59	15°46	S 18
S 19	22 0 11	28°13'23	13♑24	12°35	14°31	2°48	29°56	9°17	24° 0	7°32	8° 8	25°35	26°42	13° 6	15°43	S 19
M20	22 4 7	29°11'45	28°19	14°13	15°32	3°28	0♊ 1	9°14	23°59	7°32	8°10	25°31	26°39	13°13	15°40	M20
T 21	22 8 4	0♍10'09	13♒27	15°50	16°32	4° 8	0° 6	9°11	23°59	7°31	8°12	25°28	26°36	13°19	15°37	T 21
W22	22 12 0	1° 8'35	28°39	17°26	17°32	4°48	0°11	9° 8	23°58	7°31	8°15	25°25	26°33	13°26	15°35	W22
T 23	22 15 57	2° 7'02	13♓45	19° 1	18°31	5°28	0°16	9° 5	23°58	7°30	8°17	25°23	26°30	13°33	15°32	T 23
F 24	22 19 54	3° 5'32	28°36	20°34	19°30	6° 9	0°21	9° 1	23°57	7°30	8°19	25°D23	26°27	13°39	15°29	F 24
S 25	22 23 50	4° 4'03	13♈ 5	22° 7	20°29	6°49	0°25	8°58	23°57	7°29	8°21	25°24	26°23	13°46	15°26	S 25
S 26	22 27 47	5° 2'37	27° 8	23°38	21°28	7°29	0°29	8°55	23°57	7°29	8°24	25°25	26°20	13°53	15°23	S 26
M27	22 31 43	6° 1'13	10♉45	25° 9	22°25	8°10	0°33	8°51	23°56	7°28	8°26	25°26	26°17	13°59	15°21	M27
T 28	22 35 40	6°59'51	23°55	26°38	23°23	8°50	0°37	8°47	23°56	7°28	8°28	25°28	26°14	14° 6	15°18	T 28
W29	22 39 36	7°58'32	6♊42	28° 6	24°20	9°31	0°41	8°44	23°56	7°27	8°30	25°R28	26°11	14°13	15°15	W29
T 30	22 43 33	8°57'15	19° 9	29°33	25°17	10°11	0°45	8°40	23°56	7°26	8°32	25°28	26° 7	14°20	15°13	T 30
F 31	22 47 29	9♍56'01	1♋21	0♎59	26♎13	10♎52	0♊48	8♈36	23°D56	7♉25	8♍35	25♍27	26♍ 4	14♌26	15♒10	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n39	15n23	4s31	19n37	1n46	1n23	0s25	4n 5	0n33	18n59	0s52	1n30	2s40	23s44	0s15	12n21	1s52	22n54	15n16	1n25	0n56	13n58	9s48	6n28
T 2	17 23	17 14	4 57	19 4	1 47	0 52	0 30	3 49	0 32	19 1	0 52	1 29	2 41	23 44	0 15	12 21	1 53	22 53	15 16	1 27	0 57	13 57	9 49	6 28
F 3	17 6	18 15	5 8	18 30	1 46	0 22	0 35	3 33	0 31	19 3	0 52	1 29	2 41	23 44	0 15	12 21	1 53	22 52	15 16	1 29	0 59	13 55	9 50	6 28
S 4	16 50	18 26	5 6	17 54	1 45	0s 9	0 40	3 17	0 31	19 4	0 52	1 28	2 41	23 44	0 15	12 21	1 53	22 51	15 16	1 31	1 0	13 54	9 50	6 28
S 5	16 33	17 47	4 50	17 17	1 44	0 39	0 46	3 1	0 30	19 6	0 52	1 27	2 41	23 44	0 15	12 21	1 53	22 50	15 15	1 35	1 1	13 53	9 51	6 28
M 6	16 16	16 22	4 22	16 39	1 41	1 10	0 51	2 45	0 29	19 8	0 52	1 26	2 42	23 44	0 15	12 21	1 53	22 49	15 15	1 38	1 3	13 52	9 52	6 28
T 7	15 58	14 15	3 42	16 0	1 39	1 40	0 56	2 28	0 29	19 9	0 52	1 25	2 42	23 44	0 15	12 21	1 53	22 48	15 15	1 40	1 4	13 50	9 53	6 28
W 8	15 41	11 33	2 53	15 20	1 36	2 11	1 1	2 12	0 28	19 11	0 52	1 24	2 42	23 44	0 15	12 21	1 53	22 47	15 15	1 43	1 5	13 49	9 54	6 28
T 9	15 23	8 22	1 56	14 40	1 32	2 41	1 7	1 56	0 27	19 12	0 52	1 23	2 42	23 44	0 15	12 21	1 53	22 47	15 15	1 44	1 6	13 48	9 55	6 28
F 10	15 4	4 51	0 54	13 58	1 28	3 11	1 12	1 40	0 27	19 14	0 52	1 22	2 43	23 44	0 15	12 21	1 53	22 46	15 15	1 45	1 8	13 47	9 56	6 28
S 11	14 46	1 6	0n11	13 16	1 24	3 42	1 18	1 23	0 26	19 15	0 52	1 21	2 43	23 44	0 15	12 21	1 53	22 45	15 15	1 45	1 9	13 45	9 57	6 27
S 12	14 27	2s44	1 17	12 34	1 19	4 12	1 23	1 7	0 25	19 16	0 52	1 20	2 43	23 44	0 15	12 21	1 53	22 44	15 15	1 45	1 10	13 44	9 58	6 27
M13	14 8	6 31	2 20	11 51	1 14	4 42	1 29	0 50	0 24	19 18	0 52	1 19	2 43	23 43	0 15	12 21	1 53	22 43	15 15	1 44	1 11	13 43	9 59	6 27
T 14	13 49	10 5	3 18	11 8	1 9	5 12	1 34	0 34	0 24	19 19	0 52	1 17	2 44	23 43	0 15	12 20	1 53	22 42	15 14	1 44	1 13	13 42	10 0	6 27
W15	13 30	13 15	4 7	10 24	1 3	5 41	1 40	0 17	0 23	19 20	0 52	1 16	2 44	23 43	0 15	12 20	1 53	22 41	15 14	1 43	1 14	13 40	10 0	6 27
T 16	13 10	15 50	4 45	9 40	0 57	6 11	1 46	0 1	0 22	19 21	0 53	1 15	2 44	23 43	0 15	12 20	1 53	22 40	15 14	1 43	1 15	13 39	10 1	6 27
F 17	12 51	17 37	5 8	8 56	0 51	6 40	1 51	0s16	0 22	19 23	0 53	1 14	2 44	23 43	0 15	12 20	1 53	22 39	15 14	1 44	1 17	13 38	10 2	6 27
S 18	12 31	18 22	5 13	8 12	0 45	7 10	1 57	0 32	0 21	19 24	0 53	1 12	2 44	23 43	0 15	12 20	1 53	22 38	15 14	1 45	1 18	13 37	10 3	6 27
S 19	12 10	17 58	4 59	7 28	0 38	7 39	2 3	0 49	0 20	19 25	0 53	1 11	2 45	23 43	0 15	12 20	1 54	22 37	15 14	1 46	1 19	13 35	10 4	6 27
M20	11 50	16 19	4 24	6 44	0 32	8 8	2 9	1 5	0 20	19 26	0 53	1 10	2 45	23 43	0 15	12 20	1 54	22 37	15 14	1 48	1 20	13 34	10 5	6 27
T 21	11 29	13 32	3 31	6 0	0 25	8 37	2 15	1 22	0 19	19 27	0 53	1 8	2 45	23 43	0 15	12 19	1 54	22 36	15 14	1 49	1 22	13 33	10 6	6 27
W22	11 8	9 48	2 22	5 16	0 18	9 5	2 21	1 39	0 18	19 28	0 53	1 7	2 45	23 43	0 15	12 19	1 54	22 35	15 14	1 50	1 23	13 32	10 7	6 26
T 23	10 47	5 27	1 4	4 32	0 10	9 34	2 27	1 55	0 18	19 29	0 53	1 5	2 46	23 43	0 15	12 19	1 54	22 34	15 14	1 51	1 24	13 30	10 8	6 26
F 24	10 26	0 50	0s18	3 48	0 3	10 2	2 33	2 12	0 17	19 30	0 53	1 4	2 46	23 43	0 15	12 19	1 54	22 33	15 14	1 51	1 25	13 29	10 9	6 26
S 25	10 5	3n44	1 36	3 5	0s 4	10 30	2 38	2 29	0 16	19 31	0 53	1 2	2 46	23 43	0 15	12 19	1 54	22 32	15 14	1 50	1 27	13 28	10 10	6 26
S 26	9 44	7 56	2 46	2 22	0 12	10 58	2 44	2 45	0 15	19 31	0 53	1 1	2 46	23 43	0 15	12 18	1 54	22 31	15 14	1 50	1 28	13 26	10 11	6 26
M27	9 22	11 35	3 45	1 39	0 19	11 25	2 50	3 2	0 15	19 32	0 53	0 59	2 46	23 43	0 15	12 18	1 54	22 31	15 14	1 49	1 29	13 25	10 12	6 26
T 28	9 0	14 31	4 30	0 56	0 27	11 52	2 56	3 19	0 14	19 33	0 53	0 58	2 47	23 43	0 15	12 18	1 54	22 30	15 14	1 49	1 31	13 24	10 13	6 25
W29	8 38	16 39	5 0	0 14	0 35	12 19	3 2	3 35	0 13	19 34	0 53	0 56	2 47	23 43	0 15	12 18	1 54	22 29	15 14	1 49	1 32	13 23	10 14	6 25
T 30	8 16	17 56	5 14	0s28	0 43	12 46	3 8	3 52	0 13	19 34	0 53	0 54	2 47	23 43	0 15	12 17	1 54	22 28	15 14	1 49	1 33	13 21	10 15	6 25
F 31	7n54	18n21	5s15	1s10	0s50	13s12	3s15	4s 9	0n12	19n35	0s54	0n53	2s47	23s43	0s15	12n17	1s54	22n27	15n14	1n49	1n34	13n20	10s16	6n25

Julian Day Number = 1988267.5, Delta T = 56m05s
Ecliptic obliquity = 23°36'02, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'18, Lahiri = 6°11'18 Julian Calendar 1 Aug. 731 == Greg. Calendar 5 Aug. 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

SEPTEMBER 731 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 51 26	10♍54'48	13♋22	2♎24	27♎ 9	11♎32	0♊51	8°R32	23♐56	7°R25	8♍37	25°R25	26♍ 1	14♌33	15°R 7	S 1
S 2	22 55 23	11°53'38	25°15	3°48	28° 4	12°13	0°54	8♈28	23°56	7♉24	8°39	25♍23	25°58	14°40	15♒ 5	S 2
M 3	22 59 19	12°52'30	7♌ 5	5°11	28°58	12°54	0°57	8°24	23°56	7°23	8°41	25°21	25°55	14°46	15° 2	M 3
T 4	23 3 16	13°51'24	18°55	6°33	29°53	13°35	1° 0	8°20	23°56	7°22	8°44	25°19	25°52	14°53	15° 0	T 4
W 5	23 7 12	14°50'21	0♍46	7°53	0♏46	14°16	1° 2	8°16	23°57	7°21	8°46	25°18	25°48	15° 0	14°57	W 5
T 6	23 11 9	15°49'19	12°42	9°12	1°39	14°57	1° 4	8°12	23°57	7°21	8°48	25°17	25°45	15° 6	14°55	T 6
F 7	23 15 5	16°48'20	24°45	10°30	2°32	15°38	1° 6	8° 7	23°57	7°20	8°50	25°D17	25°42	15°13	14°53	F 7
S 8	23 19 2	17°47'23	6♎55	11°46	3°24	16°19	1° 8	8° 3	23°58	7°19	8°53	25°17	25°39	15°20	14°50	S 8
S 9	23 22 58	18°46'27	19°16	13° 1	4°15	17° 0	1°10	7°59	23°58	7°18	8°55	25°18	25°36	15°26	14°48	S 9
M10	23 26 55	19°45'34	1♏48	14°14	5° 5	17°42	1°11	7°54	23°59	7°17	8°57	25°18	25°32	15°33	14°46	M10
T 11	23 30 51	20°44'43	14°34	15°26	5°55	18°23	1°12	7°50	23°59	7°16	8°59	25°19	25°29	15°40	14°43	T 11
W12	23 34 48	21°43'53	27°36	16°35	6°44	19° 5	1°13	7°45	24° 0	7°15	9° 1	25°19	25°26	15°46	14°41	W12
T 13	23 38 45	22°43'05	10♐56	17°43	7°32	19°46	1°14	7°41	24° 0	7°14	9° 4	25°19	25°23	15°53	14°39	T 13
F 14	23 42 41	23°42'20	24°34	18°49	8°20	20°28	1°15	7°36	24° 1	7°12	9° 6	25°R19	25°20	16° 0	14°37	F 14
S 15	23 46 38	24°41'36	8♑33	19°53	9° 7	21° 9	1°15	7°32	24° 2	7°11	9° 8	25°19	25°17	16° 6	14°35	S 15
S 16	23 50 34	25°40'54	22°50	20°54	9°53	21°51	1°15	7°27	24° 3	7°10	9°10	25°D19	25°13	16°13	14°33	S 16
M17	23 54 31	26°40'13	7♒24	21°53	10°37	22°33	1°R15	7°23	24° 3	7° 9	9°12	25°19	25°10	16°20	14°31	M17
T 18	23 58 27	27°39'35	22°11	22°49	11°21	23°14	1°15	7°18	24° 4	7° 8	9°14	25°20	25° 7	16°26	14°29	T 18
W19	0 2 24	28°38'58	7♓ 4	23°42	12° 5	23°56	1°15	7°13	24° 5	7° 7	9°17	25°20	25° 4	16°33	14°27	W19
T 20	0 6 20	29°38'23	21°55	24°31	12°47	24°38	1°14	7° 8	24° 6	7° 5	9°19	25°R20	25° 1	16°40	14°25	T 20
F 21	0 10 17	0♎37'50	6♈38	25°17	13°27	25°20	1°14	7° 4	24° 7	7° 4	9°21	25°20	24°58	16°46	14°23	F 21
S 22	0 14 14	1°37'20	21° 5	25°58	14° 7	26° 2	1°13	6°59	24° 8	7° 3	9°23	25°19	24°54	16°53	14°22	S 22
S 23	0 18 10	2°36'51	5♉10	26°36	14°46	26°44	1°11	6°54	24° 9	7° 1	9°25	25°19	24°51	17° 0	14°20	S 23
M24	0 22 7	3°36'25	18°52	27° 8	15°24	27°26	1°10	6°49	24°11	7° 0	9°27	25°18	24°48	17° 6	14°18	M24
T 25	0 26 3	4°36'01	2♊ 8	27°35	16° 0	28° 9	1° 8	6°45	24°12	6°59	9°29	25°17	24°45	17°13	14°17	T 25
W26	0 30 0	5°35'40	15° 1	27°56	16°35	28°51	1° 7	6°40	24°13	6°57	9°31	25°16	24°42	17°20	14°15	W26
T 27	0 33 56	6°35'21	27°32	28°10	17° 9	29°33	1° 5	6°35	24°15	6°56	9°33	25°15	24°38	17°26	14°14	T 27
F 28	0 37 53	7°35'04	9♋45	28°18	17°41	0♏16	1° 3	6°30	24°16	6°55	9°35	25°D15	24°35	17°33	14°12	F 28
S 29	0 41 49	8°34'50	21°46	28°R18	18°12	0°58	1° 0	6°25	24°17	6°53	9°37	25°15	24°32	17°40	14°11	S 29
S 30	0 45 46	9♎34'37	3♌39	28♎10	18♏41	1♏41	0♊58	6♈21	24♐19	6♉52	9♍39	25♍16	24♍29	17♌46	14♒ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n31	17n56	5s 1	1s51	0s58	13s38	3s21	4s25	0n11	19n36	0s54	0n51	2s47	23s43	0s15	12n17	1s54	22n26	15n14	1n50	1n36	13n19	10s17	6n25
S 2	7 9	16 44	4 35	2 32	1 6	14 4	3 26	4 42	0 11	19 36	0 54	0 49	2 47	23 43	0 15	12 16	1 54	22 26	15 14	1 51	1 37	13 17	10 18	6 24
M 3	6 46	14 49	3 56	3 12	1 13	14 29	3 32	4 58	0 10	19 37	0 54	0 47	2 48	23 43	0 15	12 16	1 54	22 25	15 15	1 52	1 38	13 16	10 19	6 24
T 4	6 23	12 16	3 8	3 51	1 21	14 54	3 38	5 15	0 9	19 37	0 54	0 46	2 48	23 43	0 15	12 16	1 54	22 24	15 15	1 52	1 39	13 15	10 19	6 24
W 5	6 1	9 13	2 12	4 30	1 29	15 19	3 44	5 32	0 9	19 38	0 54	0 44	2 48	23 43	0 15	12 15	1 54	22 23	15 15	1 53	1 41	13 14	10 20	6 24
T 6	5 38	5 46	1 9	5 9	1 36	15 43	3 50	5 48	0 8	19 38	0 54	0 42	2 48	23 43	0 15	12 15	1 55	22 22	15 15	1 53	1 42	13 12	10 21	6 23
F 7	5 15	2 3	0 3	5 46	1 44	16 7	3 56	6 5	0 7	19 38	0 54	0 40	2 48	23 43	0 15	12 15	1 55	22 22	15 15	1 53	1 43	13 11	10 22	6 23
S 8	4 51	1s47	1n 4	6 23	1 51	16 31	4 2	6 21	0 7	19 39	0 54	0 39	2 48	23 43	0 15	12 14	1 55	22 21	15 15	1 53	1 44	13 10	10 23	6 23
S 9	4 28	5 36	2 9	6 59	1 59	16 54	4 8	6 38	0 6	19 39	0 54	0 37	2 48	23 43	0 15	12 14	1 55	22 20	15 15	1 53	1 46	13 8	10 24	6 23
M10	4 5	9 13	3 9	7 35	2 6	17 17	4 14	6 54	0 5	19 39	0 54	0 35	2 48	23 43	0 15	12 14	1 55	22 19	15 15	1 53	1 47	13 7	10 25	6 22
T 11	3 42	12 29	4 1	8 9	2 13	17 39	4 19	7 11	0 5	19 39	0 54	0 33	2 49	23 43	0 15	12 13	1 55	22 19	15 15	1 53	1 48	13 6	10 26	6 22
W12	3 18	15 11	4 41	8 42	2 19	18 1	4 25	7 27	0 4	19 39	0 54	0 31	2 49	23 43	0 15	12 13	1 55	22 18	15 16	1 52	1 50	13 4	10 27	6 22
T 13	2 55	17 9	5 8	9 15	2 26	18 23	4 31	7 44	0 3	19 40	0 54	0 29	2 49	23 43	0 15	12 12	1 55	22 17	15 16	1 52	1 51	13 3	10 28	6 22
F 14	2 31	18 12	5 18	9 46	2 32	18 44	4 36	8 0	0 3	19 40	0 54	0 27	2 49	23 43	0 15	12 12	1 55	22 17	15 16	1 52	1 52	13 2	10 28	6 21
S 15	2 7	18 11	5 9	10 16	2 39	19 4	4 42	8 17	0 2	19 40	0 54	0 25	2 49	23 43	0 15	12 12	1 55	22 16	15 16	1 52	1 53	13 1	10 29	6 21
S 16	1 44	17 1	4 42	10 45	2 44	19 24	4 47	8 33	0 1	19 40	0 55	0 24	2 49	23 43	0 15	12 11	1 55	22 15	15 16	1 52	1 55	12 59	10 30	6 21
M17	1 20	14 44	3 56	11 12	2 50	19 44	4 52	8 49	0 1	19 40	0 55	0 22	2 49	23 43	0 15	12 11	1 55	22 15	15 16	1 52	1 56	12 58	10 31	6 20
T 18	0 56	11 28	2 54	11 38	2 55	20 3	4 58	9 5	0 0	19 40	0 55	0 20	2 49	23 43	0 15	12 10	1 55	22 14	15 17	1 52	1 57	12 57	10 32	6 20
W19	0 32	7 26	1 40	12 2	3 0	20 21	5 3	9 21	0s 1	19 39	0 55	0 18	2 49	23 43	0 15	12 10	1 55	22 13	15 17	1 52	1 58	12 55	10 33	6 20
T 20	0 9	2 56	0 19	12 25	3 4	20 39	5 8	9 38	0 1	19 39	0 55	0 16	2 49	23 43	0 15	12 9	1 55	22 13	15 17	1 52	2 0	12 54	10 34	6 20
F 21	0s15	1n42	1s 2	12 45	3 8	20 57	5 13	9 54	0 2	19 39	0 55	0 14	2 49	23 43	0 15	12 9	1 55	22 12	15 17	1 52	2 1	12 53	10 34	6 19
S 22	0 39	6 9	2 18	13 4	3 11	21 14	5 18	10 10	0 3	19 39	0 55	0 12	2 49	23 43	0 15	12 9	1 55	22 11	15 18	1 52	2 2	12 51	10 35	6 19
S 23	1 3	10 8	3 24	13 20	3 13	21 30	5 22	10 26	0 3	19 38	0 55	0 10	2 49	23 44	0 15	12 8	1 55	22 11	15 18	1 53	2 4	12 50	10 36	6 19
M24	1 27	13 27	4 16	13 33	3 15	21 46	5 27	10 42	0 4	19 38	0 55	0 8	2 49	23 44	0 15	12 8	1 55	22 10	15 18	1 53	2 5	12 49	10 37	6 18
T 25	1 50	15 58	4 52	13 44	3 16	22 1	5 31	10 57	0 5	19 38	0 55	0 6	2 49	23 44	0 15	12 7	1 55	22 10	15 18	1 53	2 6	12 47	10 38	6 18
W26	2 14	17 35	5 12	13 51	3 16	22 15	5 35	11 13	0 5	19 37	0 55	0 4	2 49	23 44	0 15	12 7	1 55	22 9	15 19	1 54	2 7	12 46	10 38	6 18
T 27	2 38	18 18	5 17	13 56	3 15	22 29	5 39	11 29	0 6	19 37	0 55	0 2	2 49	23 44	0 15	12 6	1 55	22 8	15 19	1 54	2 9	12 45	10 39	6 17
F 28	3 2	18 8	5 7	13 56	3 13	22 42	5 43	11 44	0 6	19 36	0 55	0 0	2 49	23 44	0 15	12 6	1 55	22 8	15 19	1 54	2 10	12 43	10 40	6 17
S 29	3 25	17 9	4 44	13 53	3 10	22 54	5 47	12 0	0 7	19 36	0 55	0s 1	2 49	23 44	0 15	12 5	1 55	22 7	15 19	1 54	2 11	12 42	10 40	6 17
S 30	3s49	15n26	4s 9	13s46	3s 5	23s 6	5s50	12s16	0s 8	19n35	0s55	0s 3	2s49	23s44	0s15	12n 5	1s56	22n 7	15n20	1n54	2n12	12n41	10s41	6n16

Julian Day Number = 1988298.5, Delta T = 56m04s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'22, Lahiri = 6°11'23 Julian Calendar 1 Sept. 731 == Greg. Calendar 5 Sept. 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

OCTOBER 731 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 49 42	10♎34'27	15♌28	27°R53	19♏ 9	2♏23	0°R55	6°R16	24♐20	6°R50	9♍41	25♍18	24♍26	17♌53	14°R 8	M 1
T 2	0 53 39	11°34'20	27°18	27♎28	19°35	3° 6	0♊52	6♈11	24°22	6♉49	9°43	25°19	24°23	18° 0	14♒ 7	T 2
W 3	0 57 36	12°34'14	9♍13	26°54	20° 0	3°49	0°49	6° 6	24°24	6°47	9°45	25°20	24°19	18° 6	14° 6	W 3
T 4	1 1 32	13°34'11	21°16	26°10	20°23	4°32	0°45	6° 1	24°25	6°46	9°47	25°R21	24°16	18°13	14° 5	T 4
F 5	1 5 29	14°34'09	3♎29	25°18	20°44	5°14	0°42	5°57	24°27	6°44	9°49	25°21	24°13	18°20	14° 4	F 5
S 6	1 9 25	15°34'10	15°55	24°18	21° 3	5°57	0°38	5°52	24°29	6°43	9°51	25°20	24°10	18°26	14° 3	S 6
S 7	1 13 22	16°34'13	28°34	23°11	21°21	6°40	0°34	5°47	24°31	6°41	9°53	25°17	24° 7	18°33	14° 2	S 7
M 8	1 17 18	17°34'17	11♏27	21°58	21°36	7°23	0°30	5°43	24°32	6°39	9°55	25°14	24° 3	18°40	14° 1	M 8
T 9	1 21 15	18°34'24	24°34	20°42	21°49	8° 7	0°26	5°38	24°34	6°38	9°57	25°11	24° 0	18°47	14° 0	T 9
W10	1 25 11	19°34'32	7♐54	19°24	22° 0	8°50	0°21	5°33	24°36	6°36	9°58	25° 7	23°57	18°53	13°59	W10
T 11	1 29 8	20°34'42	21°27	18° 7	22° 9	9°33	0°17	5°29	24°38	6°35	10° 0	25° 4	23°54	19° 0	13°59	T 11
F 12	1 33 5	21°34'53	5♑11	16°53	22°16	10°16	0°12	5°24	24°40	6°33	10° 2	25° 1	23°51	19° 7	13°58	F 12
S 13	1 37 1	22°35'06	19° 7	15°46	22°21	11° 0	0° 7	5°20	24°42	6°31	10° 4	25°D 1	23°48	19°13	13°57	S 13
S 14	1 40 58	23°35'21	3♒13	14°46	22°R23	11°43	0° 2	5°15	24°44	6°30	10° 6	25° 1	23°44	19°20	13°57	S 14
M15	1 44 54	24°35'37	17°28	13°55	22°23	12°26	29♉56	5°11	24°47	6°28	10° 7	25° 2	23°41	19°27	13°56	M15
T 16	1 48 51	25°35'54	1♓49	13°15	22°20	13°10	29°51	5° 7	24°49	6°26	10° 9	25° 4	23°38	19°33	13°56	T 16
W17	1 52 47	26°36'13	16°15	12°47	22°15	13°54	29°45	5° 2	24°51	6°25	10°11	25° 5	23°35	19°40	13°56	W17
T 18	1 56 44	27°36'34	0♈40	12°30	22° 7	14°37	29°39	4°58	24°53	6°23	10°12	25°R 5	23°32	19°47	13°55	T 18
F 19	2 0 40	28°36'56	15° 0	12°D25	21°57	15°21	29°33	4°54	24°56	6°21	10°14	25° 3	23°29	19°53	13°55	F 19
S 20	2 4 37	29°37'20	29°11	12°31	21°45	16° 5	29°27	4°50	24°58	6°20	10°16	25° 0	23°25	20° 0	13°55	S 20
S 21	2 8 34	0♏37'45	13♉ 6	12°47	21°30	16°48	29°21	4°46	25° 0	6°18	10°17	24°55	23°22	20° 7	13°55	S 21
M22	2 12 30	1°38'13	26°43	13°13	21°12	17°32	29°15	4°42	25° 3	6°16	10°19	24°49	23°19	20°13	13°D55	M22
T 23	2 16 27	2°38'42	9♊58	13°49	20°53	18°16	29° 8	4°38	25° 5	6°15	10°20	24°43	23°16	20°20	13°55	T 23
W24	2 20 23	3°39'13	22°52	14°32	20°31	19° 0	29° 1	4°34	25° 8	6°13	10°22	24°37	23°13	20°27	13°55	W24
T 25	2 24 20	4°39'46	5♋25	15°22	20° 7	19°44	28°55	4°30	25°10	6°11	10°23	24°31	23° 9	20°33	13°55	T 25
F 26	2 28 16	5°40'20	17°41	16°19	19°41	20°28	28°48	4°26	25°13	6°10	10°25	24°28	23° 6	20°40	13°56	F 26
S 27	2 32 13	6°40'57	29°43	17°21	19°13	21°13	28°41	4°23	25°16	6° 8	10°26	24°26	23° 3	20°47	13°56	S 27
S 28	2 36 9	7°41'35	11♌36	18°28	18°43	21°57	28°34	4°19	25°18	6° 6	10°28	24°D25	23° 0	20°53	13°56	S 28
M29	2 40 6	8°42'15	23°25	19°39	18°12	22°41	28°26	4°16	25°21	6° 5	10°29	24°26	22°57	21° 0	13°57	M29
T 30	2 44 3	9°42'57	5♍15	20°54	17°39	23°25	28°19	4°12	25°24	6° 3	10°30	24°28	22°54	21° 7	13°57	T 30
W31	2 47 59	10♏43'40	17♍12	22♎11	17♏ 5	24♏10	28♉12	4♈ 9	25♐27	6♉ 1	10♍32	24♍29	22♍50	21♌13	13♒58	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s13	13n 4	3s23	13s34	2s58	23s17	5s53	12s31	0s 8	19n35	0s55	0s 5	2s49	23s44	0s15	12n 4	1s56	22n 6	15n20	1n53	2n14	12n39	10s42	6n16
T 2	4 36	10 9	2 29	13 17	2 51	23 27	5 56	12 46	0 9	19 34	0 55	0 7	2 49	23 44	0 15	12 4	1 56	22 6	15 20	1 52	2 15	12 38	10 43	6 15
W 3	5 0	6 49	1 28	12 56	2 41	23 37	5 59	13 2	0 10	19 33	0 55	0 9	2 49	23 44	0 15	12 3	1 56	22 5	15 21	1 52	2 16	12 36	10 43	6 15
T 4	5 23	3 9	0 23	12 29	2 29	23 46	6 2	13 17	0 10	19 33	0 55	0 11	2 49	23 44	0 15	12 3	1 56	22 5	15 21	1 52	2 17	12 35	10 44	6 15
F 5	5 47	0s43	0n45	11 58	2 16	23 53	6 4	13 32	0 11	19 32	0 55	0 13	2 49	23 44	0 15	12 2	1 56	22 4	15 21	1 52	2 19	12 34	10 45	6 14
S 6	6 10	4 36	1 51	11 21	2 1	24 0	6 6	13 47	0 12	19 31	0 55	0 14	2 49	23 44	0 15	12 2	1 56	22 4	15 21	1 52	2 20	12 32	10 45	6 14
S 7	6 33	8 21	2 53	10 41	1 44	24 7	6 7	14 2	0 12	19 30	0 55	0 16	2 49	23 44	0 15	12 1	1 56	22 4	15 22	1 53	2 21	12 31	10 46	6 14
M 8	6 57	11 46	3 47	9 56	1 26	24 12	6 8	14 16	0 13	19 29	0 55	0 18	2 49	23 44	0 15	12 0	1 56	22 3	15 22	1 54	2 23	12 30	10 46	6 13
T 9	7 20	14 40	4 31	9 9	1 6	24 16	6 9	14 31	0 14	19 29	0 55	0 20	2 49	23 45	0 15	12 0	1 56	22 3	15 22	1 56	2 24	12 28	10 47	6 13
W10	7 43	16 50	5 0	8 21	0 46	24 20	6 9	14 46	0 14	19 28	0 55	0 22	2 49	23 45	0 15	11 59	1 56	22 2	15 23	1 57	2 25	12 27	10 48	6 13
T 11	8 5	18 7	5 13	7 33	0 25	24 22	6 9	15 0	0 15	19 27	0 55	0 23	2 49	23 45	0 15	11 59	1 56	22 2	15 23	1 59	2 26	12 26	10 48	6 12
F 12	8 28	18 21	5 9	6 45	0 5	24 23	6 9	15 15	0 15	19 26	0 55	0 25	2 49	23 45	0 15	11 58	1 56	22 2	15 24	1 59	2 28	12 24	10 49	6 12
S 13	8 51	17 30	4 47	6 0	0n15	24 24	6 8	15 29	0 16	19 25	0 55	0 27	2 49	23 45	0 15	11 58	1 56	22 1	15 24	2 0	2 29	12 23	10 49	6 11
S 14	9 13	15 34	4 7	5 19	0 35	24 23	6 6	15 43	0 17	19 23	0 55	0 28	2 49	23 45	0 15	11 57	1 56	22 1	15 24	2 0	2 30	12 21	10 50	6 11
M15	9 35	12 40	3 12	4 43	0 53	24 21	6 5	15 57	0 17	19 22	0 55	0 30	2 49	23 45	0 15	11 57	1 56	22 1	15 25	1 59	2 31	12 20	10 50	6 11
T 16	9 58	8 58	2 4	4 12	1 9	24 18	6 2	16 11	0 18	19 21	0 55	0 32	2 48	23 45	0 15	11 56	1 56	22 0	15 25	1 59	2 33	12 19	10 51	6 10
W17	10 20	4 43	0 48	3 48	1 24	24 14	5 59	16 25	0 19	19 20	0 55	0 33	2 48	23 45	0 15	11 56	1 56	22 0	15 25	1 58	2 34	12 17	10 51	6 10
T 18	10 42	0 12	0s31	3 29	1 37	24 8	5 55	16 38	0 19	19 19	0 55	0 35	2 48	23 45	0 15	11 55	1 56	22 0	15 26	1 58	2 35	12 16	10 52	6 9
F 19	11 3	4n19	1 47	3 17	1 48	24 1	5 51	16 52	0 20	19 17	0 55	0 36	2 48	23 45	0 15	11 54	1 56	21 59	15 26	1 59	2 36	12 15	10 52	6 9
S 20	11 25	8 31	2 55	3 11	1 57	23 53	5 46	17 5	0 20	19 16	0 55	0 38	2 48	23 45	0 15	11 54	1 56	21 59	15 27	2 0	2 38	12 13	10 52	6 9
S 21	11 46	12 11	3 52	3 10	2 5	23 44	5 41	17 18	0 21	19 15	0 55	0 40	2 48	23 46	0 15	11 53	1 56	21 59	15 27	2 2	2 39	12 12	10 53	6 8
M22	12 7	15 6	4 34	3 15	2 11	23 33	5 35	17 31	0 22	19 14	0 55	0 41	2 48	23 46	0 15	11 53	1 56	21 59	15 28	2 4	2 40	12 10	10 53	6 8
T 23	12 28	17 8	5 0	3 25	2 15	23 21	5 28	17 44	0 22	19 12	0 55	0 42	2 47	23 46	0 15	11 52	1 56	21 59	15 28	2 7	2 42	12 9	10 54	6 7
W24	12 49	18 14	5 10	3 39	2 18	23 8	5 20	17 57	0 23	19 11	0 55	0 44	2 47	23 46	0 15	11 52	1 56	21 58	15 28	2 9	2 43	12 8	10 54	6 7
T 25	13 10	18 25	5 5	3 57	2 20	22 53	5 12	18 10	0 23	19 9	0 55	0 45	2 47	23 46	0 15	11 51	1 56	21 58	15 29	2 11	2 44	12 6	10 54	6 7
F 26	13 30	17 42	4 46	4 18	2 20	22 38	5 3	18 22	0 24	19 8	0 55	0 47	2 47	23 46	0 15	11 51	1 56	21 58	15 29	2 13	2 45	12 5	10 55	6 6
S 27	13 50	16 13	4 14	4 43	2 20	22 20	4 53	18 35	0 25	19 6	0 55	0 48	2 47	23 46	0 15	11 50	1 56	21 58	15 30	2 14	2 47	12 3	10 55	6 6
S 28	14 10	14 2	3 32	5 9	2 18	22 2	4 43	18 47	0 25	19 5	0 55	0 49	2 47	23 46	0 15	11 49	1 56	21 58	15 30	2 14	2 48	12 2	10 55	6 5
M29	14 30	11 17	2 40	5 39	2 16	21 43	4 32	18 59	0 26	19 3	0 55	0 50	2 46	23 46	0 15	11 49	1 56	21 58	15 31	2 13	2 49	12 1	10 56	6 5
T 30	14 49	8 4	1 42	6 9	2 13	21 22	4 20	19 11	0 26	19 2	0 55	0 52	2 46	23 46	0 15	11 48	1 56	21 57	15 31	2 13	2 50	11 59	10 56	6 5
W31	15s 9	4n29	0s39	6s42	2n 9	21s 0	4s 8	19s22	0s27	19n 0	0s55	0s53	2s46	23s46	0s15	11n48	1s56	21n57	15n32	2n12	2n52	11n58	10s56	6n 4

Julian Day Number = 1988328.5, Delta T = 56m04s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'26, Lahiri = 6°11'27 Julian Calendar 1 Oct. 731 == Greg. Calendar 5 Oct. 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

NOVEMBER 731 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 51 56	11♏44'25	29♍20	23♎31	16°R31	24♏54	28°R 4	4°R 5	25♐29	5°R59	10♍33	24°R29	22♍47	21♌20	13♒58	T 1
F 2	2 55 52	12°45'11	11♎42	24°54	15♏55	25°39	27♉56	4♈ 2	25°32	5♉58	10°34	24♍28	22°44	21°27	13°59	F 2
S 3	2 59 49	13°45'59	24°22	26°18	15°19	26°23	27°49	3°59	25°35	5°56	10°36	24°24	22°41	21°33	14° 0	S 3
S 4	3 3 45	14°46'49	7♏20	27°43	14°43	27° 8	27°41	3°56	25°38	5°54	10°37	24°18	22°38	21°40	14° 0	S 4
M 5	3 7 42	15°47'40	20°37	29°10	14° 6	27°53	27°33	3°53	25°41	5°53	10°38	24° 9	22°35	21°47	14° 1	M 5
T 6	3 11 38	16°48'32	4♐10	0♏38	13°30	28°37	27°25	3°50	25°44	5°51	10°39	24° 0	22°31	21°53	14° 2	T 6
W 7	3 15 35	17°49'25	17°57	2° 7	12°55	29°22	27°17	3°48	25°47	5°49	10°40	23°51	22°28	22° 0	14° 3	W 7
T 8	3 19 31	18°50'20	1♑54	3°37	12°20	0♐ 7	27° 9	3°45	25°50	5°48	10°41	23°42	22°25	22° 7	14° 4	T 8
F 9	3 23 28	19°51'15	15°57	5° 7	11°46	0°52	27° 1	3°42	25°53	5°46	10°42	23°35	22°22	22°13	14° 5	F 9
S 10	3 27 25	20°52'11	0♒ 4	6°38	11°13	1°37	26°53	3°40	25°56	5°44	10°43	23°31	22°19	22°20	14° 6	S 10
S 11	3 31 21	21°53'08	14°11	8°10	10°42	2°22	26°45	3°37	25°59	5°43	10°44	23°29	22°15	22°27	14° 8	S 11
M12	3 35 18	22°54'06	28°18	9°41	10°12	3° 7	26°37	3°35	26° 2	5°41	10°45	23°D29	22°12	22°33	14° 9	M12
T 13	3 39 14	23°55'05	12♓22	11°13	9°44	3°52	26°29	3°33	26° 5	5°40	10°46	23°30	22° 9	22°40	14°10	T 13
W14	3 43 11	24°56'04	26°24	12°45	9°18	4°37	26°20	3°31	26° 9	5°38	10°47	23°R30	22° 6	22°47	14°12	W14
T 15	3 47 7	25°57'04	10♈22	14°17	8°54	5°22	26°12	3°29	26°12	5°36	10°48	23°29	22° 3	22°53	14°13	T 15
F 16	3 51 4	26°58'04	24°14	15°50	8°32	6° 7	26° 4	3°27	26°15	5°35	10°49	23°25	22° 0	23° 0	14°15	F 16
S 17	3 55 0	27°59'05	7♉59	17°23	8°13	6°53	25°56	3°25	26°18	5°33	10°50	23°18	21°56	23° 7	14°16	S 17
S 18	3 58 57	29° 0'08	21°32	18°55	7°56	7°38	25°48	3°24	26°21	5°32	10°51	23° 9	21°53	23°13	14°18	S 18
M19	4 2 54	0♐ 1'10	4♊53	20°28	7°41	8°23	25°40	3°22	26°25	5°30	10°51	22°58	21°50	23°20	14°20	M19
T 20	4 6 50	1° 2'14	17°57	22° 1	7°29	9° 9	25°31	3°21	26°28	5°29	10°52	22°45	21°47	23°27	14°21	T 20
W21	4 10 47	2° 3'19	0♋44	23°34	7°19	9°54	25°23	3°19	26°31	5°27	10°53	22°33	21°44	23°33	14°23	W21
T 22	4 14 43	3° 4'25	13°14	25° 8	7°12	10°40	25°15	3°18	26°35	5°26	10°53	22°22	21°40	23°40	14°25	T 22
F 23	4 18 40	4° 5'31	25°29	26°41	7° 7	11°25	25° 7	3°17	26°38	5°24	10°54	22°13	21°37	23°47	14°27	F 23
S 24	4 22 36	5° 6'38	7♌30	28°14	7°D 5	12°11	24°59	3°16	26°42	5°23	10°55	22° 7	21°34	23°53	14°29	S 24
S 25	4 26 33	6° 7'46	19°22	29°48	7° 5	12°56	24°51	3°15	26°45	5°22	10°55	22° 4	21°31	24° 0	14°31	S 25
M26	4 30 30	7° 8'55	1♍11	1♐22	7° 8	13°42	24°44	3°14	26°48	5°20	10°56	22° 2	21°28	24° 6	14°33	M26
T 27	4 34 26	8°10'05	13° 0	2°55	7°13	14°28	24°36	3°13	26°52	5°19	10°56	22°D 2	21°25	24°13	14°35	T 27
W28	4 38 23	9°11'15	24°56	4°29	7°20	15°14	24°28	3°13	26°55	5°17	10°57	22°R 2	21°21	24°20	14°37	W28
T 29	4 42 19	10°12'26	7♎ 4	6° 4	7°30	16° 0	24°21	3°12	26°59	5°16	10°57	22° 1	21°18	24°26	14°39	T 29
F 30	4 46 16	11♐13'38	19♎30	7♐38	7♏42	16♐45	24♉13	3♈12	27♐ 2	5♉15	10♍57	21♍59	21♍15	24♌33	14♒42	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s28	0n40	0n26	7s15	2n 5	20s38	3s55	19s34	0s28	18n58	0s55	0s54	2s46	23s47	0s15	11n47	1s56	21n57	15n32	2n12	2n53	11n56	10s56	6n 4
F 2	15 46	3s15	1 32	7 50	2 0	20 15	3 42	19 45	0 28	18 57	0 55	0 55	2 46	23 47	0 15	11 47	1 56	21 57	15 33	2 13	2 54	11 55	10 56	6 3
S 3	16 5	7 7	2 34	8 25	1 55	19 51	3 28	19 57	0 29	18 55	0 55	0 56	2 46	23 47	0 15	11 46	1 56	21 57	15 33	2 14	2 55	11 53	10 57	6 3
S 4	16 23	10 45	3 30	9 1	1 50	19 26	3 14	20 7	0 29	18 53	0 54	0 57	2 45	23 47	0 15	11 46	1 56	21 57	15 34	2 17	2 57	11 52	10 57	6 3
M 5	16 41	13 55	4 15	9 38	1 44	19 1	2 59	20 18	0 30	18 52	0 54	0 58	2 45	23 47	0 15	11 45	1 56	21 57	15 34	2 20	2 58	11 51	10 57	6 2
T 6	16 58	16 24	4 48	10 14	1 38	18 36	2 44	20 29	0 30	18 50	0 54	0 59	2 45	23 47	0 15	11 44	1 56	21 57	15 35	2 24	2 59	11 49	10 57	6 2
W 7	17 16	18 0	5 4	10 51	1 32	18 11	2 29	20 39	0 31	18 48	0 54	1 0	2 45	23 47	0 15	11 44	1 56	21 57	15 35	2 28	3 0	11 48	10 57	6 1
T 8	17 33	18 33	5 3	11 28	1 26	17 45	2 13	20 50	0 32	18 47	0 54	1 1	2 44	23 47	0 15	11 43	1 56	21 57	15 36	2 31	3 2	11 46	10 57	6 1
F 9	17 49	17 57	4 43	12 5	1 19	17 20	1 58	21 0	0 32	18 45	0 54	1 2	2 44	23 47	0 15	11 43	1 56	21 57	15 36	2 34	3 3	11 45	10 57	6 1
S 10	18 6	16 16	4 6	12 41	1 12	16 55	1 42	21 9	0 33	18 43	0 54	1 2	2 44	23 47	0 15	11 42	1 56	21 57	15 37	2 35	3 4	11 44	10 57	6 0
S 11	18 22	13 35	3 14	13 17	1 5	16 30	1 26	21 19	0 33	18 41	0 54	1 3	2 44	23 48	0 15	11 42	1 56	21 57	15 37	2 36	3 6	11 42	10 57	6 0
M12	18 37	10 6	2 11	13 53	0 58	16 6	1 11	21 28	0 34	18 40	0 54	1 4	2 44	23 48	0 15	11 41	1 56	21 57	15 38	2 36	3 7	11 41	10 57	5 59
T 13	18 53	6 3	0 59	14 29	0 52	15 42	0 55	21 38	0 34	18 38	0 54	1 4	2 43	23 48	0 15	11 41	1 56	21 58	15 38	2 36	3 8	11 39	10 57	5 59
W14	19 8	1 41	0s16	15 4	0 45	15 20	0 40	21 47	0 35	18 36	0 53	1 5	2 43	23 48	0 15	11 40	1 56	21 58	15 39	2 36	3 9	11 38	10 57	5 59
T 15	19 22	2n46	1 29	15 38	0 37	14 58	0 25	21 55	0 36	18 34	0 53	1 6	2 43	23 48	0 15	11 40	1 56	21 58	15 39	2 36	3 11	11 36	10 57	5 58
F 16	19 37	7 2	2 36	16 12	0 30	14 37	0 10	22 4	0 36	18 32	0 53	1 6	2 43	23 48	0 15	11 39	1 56	21 58	15 40	2 38	3 12	11 35	10 57	5 58
S 17	19 51	10 54	3 34	16 46	0 23	14 17	0n 4	22 12	0 37	18 31	0 53	1 7	2 42	23 48	0 15	11 39	1 56	21 58	15 40	2 40	3 13	11 33	10 57	5 58
S 18	20 4	14 7	4 18	17 18	0 16	13 58	0 18	22 20	0 37	18 29	0 53	1 7	2 42	23 48	0 15	11 38	1 56	21 58	15 41	2 44	3 14	11 32	10 57	5 57
M19	20 17	16 32	4 48	17 50	0 10	13 40	0 32	22 28	0 38	18 27	0 53	1 7	2 42	23 48	0 15	11 38	1 55	21 59	15 41	2 49	3 16	11 31	10 57	5 57
T 20	20 30	18 3	5 1	18 21	0 3	13 23	0 45	22 36	0 38	18 25	0 53	1 8	2 42	23 48	0 15	11 37	1 55	21 59	15 42	2 54	3 17	11 29	10 57	5 56
W21	20 43	18 37	4 59	18 52	0s 4	13 8	0 58	22 43	0 39	18 23	0 52	1 8	2 41	23 48	0 15	11 37	1 55	21 59	15 43	2 58	3 18	11 28	10 57	5 56
T 22	20 55	18 15	4 43	19 21	0 11	12 54	1 10	22 51	0 39	18 22	0 52	1 8	2 41	23 49	0 15	11 36	1 55	21 59	15 43	3 3	3 19	11 26	10 56	5 56
F 23	21 6	17 2	4 13	19 50	0 18	12 41	1 22	22 58	0 40	18 20	0 52	1 9	2 41	23 49	0 15	11 36	1 55	21 59	15 44	3 6	3 21	11 25	10 56	5 55
S 24	21 18	15 5	3 33	20 18	0 24	12 29	1 34	23 4	0 40	18 18	0 52	1 9	2 40	23 49	0 15	11 36	1 55	22 0	15 44	3 9	3 22	11 23	10 56	5 55
S 25	21 29	12 31	2 44	20 45	0 31	12 19	1 45	23 11	0 41	18 16	0 52	1 9	2 40	23 49	0 15	11 35	1 55	22 0	15 45	3 10	3 23	11 22	10 56	5 55
M26	21 39	9 26	1 48	21 11	0 37	12 10	1 55	23 17	0 41	18 15	0 52	1 9	2 40	23 49	0 15	11 35	1 55	22 0	15 45	3 11	3 24	11 20	10 56	5 54
T 27	21 49	5 59	0 48	21 35	0 43	12 2	2 6	23 23	0 42	18 13	0 51	1 9	2 40	23 49	0 15	11 34	1 55	22 1	15 46	3 11	3 26	11 19	10 55	5 54
W28	21 59	2 16	0n15	21 59	0 49	11 55	2 15	23 29	0 42	18 11	0 51	1 9	2 39	23 49	0 15	11 34	1 55	22 1	15 46	3 11	3 27	11 17	10 55	5 54
T 29	22 8	1s37	1 19	22 22	0 55	11 50	2 24	23 34	0 43	18 10	0 51	1 9	2 39	23 49	0 15	11 33	1 55	22 1	15 47	3 11	3 28	11 16	10 55	5 53
F 30	22s17	5s31	2n20	22s44	1s 1	11s45	2n33	23s39	0s43	18n 8	0s51	1s 9	2s39	23s49	0s15	11n33	1s55	22n 2	15n47	3n12	3n29	11n15	10s54	5n53

Julian Day Number = 1988359.5, Delta T = 56m03s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'30, Lahiri = 6°11'31 Julian Calendar 1 Nov. 731 == Greg. Calendar 5 Nov. 731

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ASTRODIENST EPHEMERIS for the year 731
geocentric

DECEMBER 731 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 50 12	12♐14'50	2♏16	9♐12	7♏56	17♐31	24°R 6	3°R12	27♐ 6	5°R14	10♍58	21°R53	21♍12	24♌40	14♒44	S 1
S 2	4 54 9	13°16'03	15°26	10°47	8°12	18°17	23♉58	3♈11	27° 9	5♉12	10°58	21♍45	21° 9	24°46	14°46	S 2
M 3	4 58 5	14°17'17	29° 1	12°22	8°30	19° 3	23°51	3°D11	27°13	5°11	10°58	21°34	21° 6	24°53	14°49	M 3
T 4	5 2 2	15°18'31	12♐57	13°57	8°50	19°49	23°44	3°11	27°16	5°10	10°59	21°21	21° 2	25° 0	14°51	T 4
W 5	5 5 59	16°19'45	27°11	15°33	9°13	20°35	23°37	3°12	27°20	5° 9	10°59	21° 8	20°59	25° 6	14°54	W 5
T 6	5 9 55	17°20'59	11♑37	17° 9	9°37	21°22	23°30	3°12	27°23	5° 7	10°59	20°57	20°56	25°13	14°56	T 6
F 7	5 13 52	18°22'13	26° 8	18°45	10° 2	22° 8	23°23	3°12	27°27	5° 6	10°59	20°47	20°53	25°20	14°59	F 7
S 8	5 17 48	19°23'28	10♒38	20°21	10°30	22°54	23°17	3°13	27°30	5° 5	10°59	20°40	20°50	25°26	15° 2	S 8
S 9	5 21 45	20°24'42	25° 1	21°58	10°59	23°40	23°10	3°13	27°34	5° 4	10°59	20°37	20°46	25°33	15° 4	S 9
M10	5 25 41	21°25'55	9♓14	23°35	11°30	24°26	23° 4	3°14	27°37	5° 3	10°59	20°35	20°43	25°40	15° 7	M10
T 11	5 29 38	22°27'09	23°16	25°12	12° 2	25°13	22°57	3°15	27°41	5° 2	10°R59	20°35	20°40	25°46	15°10	T 11
W12	5 33 34	23°28'21	7♈ 7	26°50	12°36	25°59	22°51	3°16	27°45	5° 1	10°59	20°35	20°37	25°53	15°13	W12
T 13	5 37 31	24°29'34	20°47	28°28	13°11	26°46	22°45	3°17	27°48	5° 0	10°59	20°33	20°34	26° 0	15°15	T 13
F 14	5 41 28	25°30'46	4♉17	0♑ 6	13°48	27°32	22°40	3°18	27°52	4°59	10°59	20°29	20°31	26° 6	15°18	F 14
S 15	5 45 24	26°31'58	17°36	1°45	14°25	28°18	22°34	3°20	27°55	4°58	10°59	20°21	20°27	26°13	15°21	S 15
S 16	5 49 21	27°33'09	0♊45	3°24	15° 5	29° 5	22°29	3°21	27°59	4°57	10°59	20°11	20°24	26°20	15°24	S 16
M17	5 53 17	28°34'20	13°43	5° 3	15°45	29°51	22°23	3°23	28° 2	4°56	10°59	19°58	20°21	26°26	15°27	M17
T 18	5 57 14	29°35'31	26°29	6°43	16°26	0♑38	22°18	3°24	28° 6	4°55	10°59	19°44	20°18	26°33	15°31	T 18
W19	6 1 10	0♑36'41	9♋ 2	8°22	17° 9	1°24	22°13	3°26	28°10	4°55	10°58	19°30	20°15	26°40	15°34	W19
T 20	6 5 7	1°37'52	21°22	10° 3	17°53	2°11	22° 9	3°28	28°13	4°54	10°58	19°18	20°12	26°46	15°37	T 20
F 21	6 9 3	2°39'01	3♌31	11°43	18°38	2°58	22° 4	3°30	28°17	4°53	10°58	19° 7	20° 8	26°53	15°40	F 21
S 22	6 13 0	3°40'11	15°29	13°23	19°23	3°44	22° 0	3°32	28°20	4°52	10°57	18°59	20° 5	27° 0	15°43	S 22
S 23	6 16 57	4°41'20	27°19	15° 4	20°10	4°31	21°55	3°34	28°24	4°52	10°57	18°55	20° 2	27° 6	15°47	S 23
M24	6 20 53	5°42'29	9♍ 6	16°45	20°58	5°18	21°51	3°36	28°28	4°51	10°56	18°53	19°59	27°13	15°50	M24
T 25	6 24 50	6°43'37	20°54	18°25	21°46	6° 5	21°47	3°39	28°31	4°50	10°56	18°D52	19°56	27°20	15°53	T 25
W26	6 28 46	7°44'45	2♎48	20° 5	22°36	6°51	21°44	3°41	28°35	4°50	10°56	18°R53	19°52	27°26	15°57	W26
T 27	6 32 43	8°45'53	14°54	21°45	23°26	7°38	21°40	3°44	28°38	4°49	10°55	18°52	19°49	27°33	16° 0	T 27
F 28	6 36 39	9°47'00	27°17	23°24	24°17	8°25	21°37	3°46	28°42	4°49	10°54	18°51	19°46	27°40	16° 3	F 28
S 29	6 40 36	10°48'07	10♏ 2	25° 3	25° 9	9°12	21°34	3°49	28°45	4°48	10°54	18°47	19°43	27°46	16° 7	S 29
S 30	6 44 32	11°49'14	23°14	26°40	26° 1	9°59	21°31	3°52	28°49	4°48	10°53	18°41	19°40	27°53	16°10	S 30
M31	6 48 29	12♑50'20	6♐53	28♑16	26♏54	10♑46	21♉28	3♈55	28♐52	4♉47	10♍53	18♍32	19♍37	28♌ 0	16♒14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s25	9s17	3n16	23s 5	1s 7	11s42	2n41	23s44	0s44	18n 6	0s51	1s 9	2s39	23s49	0s15	11n33	1s55	22n 2	15n48	3n14	3n31	11n13	10s54	5n53
S 2	22 33	12 42	4 3	23 24	1 12	11 40	2 49	23 49	0 44	18 5	0 50	1 9	2 38	23 49	0 15	11 32	1 55	22 2	15 49	3 18	3 32	11 12	10 54	5 52
M 3	22 40	15 33	4 38	23 42	1 17	11 39	2 56	23 53	0 45	18 3	0 50	1 8	2 38	23 49	0 15	11 32	1 55	22 3	15 49	3 22	3 33	11 10	10 53	5 52
T 4	22 47	17 35	4 57	24 0	1 22	11 39	3 3	23 58	0 45	18 1	0 50	1 8	2 38	23 50	0 15	11 32	1 55	22 3	15 50	3 27	3 35	11 9	10 53	5 52
W 5	22 54	18 36	4 59	24 15	1 27	11 40	3 10	24 1	0 46	18 0	0 50	1 8	2 37	23 50	0 15	11 31	1 55	22 4	15 50	3 32	3 36	11 7	10 52	5 51
T 6	23 0	18 25	4 41	24 30	1 32	11 41	3 16	24 5	0 46	17 58	0 50	1 7	2 37	23 50	0 15	11 31	1 55	22 4	15 51	3 37	3 37	11 6	10 52	5 51
F 7	23 5	17 2	4 6	24 43	1 36	11 44	3 22	24 9	0 47	17 57	0 49	1 7	2 37	23 50	0 15	11 31	1 55	22 5	15 51	3 41	3 38	11 4	10 52	5 51
S 8	23 10	14 34	3 14	24 55	1 40	11 48	3 27	24 12	0 47	17 55	0 49	1 6	2 37	23 50	0 15	11 30	1 55	22 5	15 52	3 43	3 40	11 3	10 51	5 50
S 9	23 15	11 13	2 11	25 5	1 44	11 52	3 32	24 14	0 48	17 54	0 49	1 6	2 36	23 50	0 15	11 30	1 55	22 6	15 53	3 45	3 41	11 1	10 51	5 50
M10	23 19	7 14	1 0	25 15	1 48	11 57	3 36	24 17	0 48	17 53	0 49	1 5	2 36	23 50	0 15	11 30	1 55	22 6	15 53	3 45	3 42	11 0	10 50	5 50
T 11	23 23	2 54	0s14	25 22	1 51	12 3	3 41	24 19	0 49	17 51	0 49	1 5	2 36	23 50	0 15	11 29	1 55	22 7	15 54	3 45	3 43	10 58	10 50	5 49
W12	23 26	1n32	1 26	25 28	1 54	12 9	3 45	24 21	0 49	17 50	0 48	1 4	2 36	23 50	0 15	11 29	1 54	22 7	15 54	3 45	3 45	10 57	10 49	5 49
T 13	23 29	5 49	2 32	25 33	1 57	12 17	3 48	24 23	0 49	17 49	0 48	1 3	2 35	23 50	0 15	11 29	1 54	22 8	15 55	3 46	3 46	10 55	10 49	5 49
F 14	23 31	9 45	3 29	25 36	2 0	12 24	3 51	24 24	0 50	17 47	0 48	1 3	2 35	23 50	0 15	11 28	1 54	22 8	15 55	3 48	3 47	10 54	10 48	5 49
S 15	23 33	13 9	4 13	25 37	2 2	12 33	3 54	24 26	0 50	17 46	0 48	1 2	2 35	23 50	0 15	11 28	1 54	22 9	15 56	3 51	3 48	10 52	10 47	5 48
S 16	23 35	15 49	4 44	25 37	2 3	12 42	3 57	24 27	0 51	17 45	0 47	1 1	2 34	23 50	0 15	11 28	1 54	22 9	15 56	3 55	3 50	10 51	10 47	5 48
M17	23 36	17 40	4 59	25 35	2 5	12 51	3 59	24 27	0 51	17 44	0 47	1 0	2 34	23 50	0 15	11 28	1 54	22 10	15 57	4 0	3 51	10 49	10 46	5 48
T 18	23 36	18 35	4 58	25 31	2 6	13 1	4 1	24 28	0 52	17 43	0 47	0 59	2 34	23 51	0 15	11 27	1 54	22 10	15 57	4 5	3 52	10 48	10 46	5 47
W19	23 36	18 35	4 43	25 26	2 6	13 11	4 3	24 28	0 52	17 42	0 47	0 58	2 34	23 51	0 15	11 27	1 54	22 11	15 58	4 11	3 53	10 46	10 45	5 47
T 20	23 35	17 41	4 15	25 19	2 6	13 22	4 4	24 27	0 52	17 41	0 46	0 57	2 33	23 51	0 15	11 27	1 54	22 12	15 59	4 16	3 55	10 45	10 44	5 47
F 21	23 34	16 0	3 36	25 10	2 6	13 33	4 6	24 27	0 53	17 40	0 46	0 56	2 33	23 51	0 15	11 27	1 54	22 12	15 59	4 20	3 56	10 43	10 44	5 47
S 22	23 33	13 38	2 47	24 59	2 5	13 44	4 7	24 26	0 53	17 39	0 46	0 55	2 33	23 51	0 15	11 27	1 54	22 13	16 0	4 23	3 57	10 42	10 43	5 46
S 23	23 31	10 44	1 52	24 47	2 3	13 56	4 7	24 25	0 54	17 38	0 46	0 54	2 32	23 51	0 15	11 27	1 54	22 14	16 0	4 25	3 58	10 40	10 42	5 46
M24	23 29	7 25	0 52	24 33	2 1	14 8	4 8	24 24	0 54	17 37	0 45	0 53	2 32	23 51	0 15	11 26	1 54	22 14	16 1	4 26	4 0	10 39	10 41	5 46
T 25	23 26	3 48	0n11	24 17	1 59	14 20	4 8	24 22	0 54	17 36	0 45	0 52	2 32	23 51	0 15	11 26	1 54	22 15	16 1	4 26	4 1	10 37	10 41	5 46
W26	23 22	0 0	1 14	23 59	1 55	14 33	4 8	24 20	0 55	17 36	0 45	0 51	2 32	23 51	0 15	11 26	1 54	22 15	16 2	4 26	4 2	10 36	10 40	5 45
T 27	23 18	3s51	2 14	23 40	1 52	14 45	4 8	24 18	0 55	17 35	0 45	0 49	2 31	23 51	0 15	11 26	1 54	22 16	16 2	4 26	4 3	10 34	10 39	5 45
F 28	23 14	7 38	3 10	23 19	1 47	14 58	4 8	24 15	0 55	17 34	0 44	0 48	2 31	23 51	0 15	11 26	1 54	22 17	16 3	4 26	4 5	10 33	10 38	5 45
S 29	23 9	11 10	3 58	22 56	1 42	15 11	4 7	24 12	0 56	17 34	0 44	0 47	2 31	23 51	0 15	11 26	1 53	22 18	16 3	4 28	4 6	10 31	10 38	5 45
S 30	23 4	14 16	4 35	22 32	1 36	15 24	4 6	24 9	0 56	17 33	0 44	0 45	2 31	23 51	0 15	11 26	1 53	22 18	16 4	4 30	4 7	10 30	10 37	5 45
M31	22s59	16s43	4n57	22s 6	1s29	15s37	4n 5	24s 6	0s57	17n33	0s44	0s44	2s30	23s51	0s15	11n26	1s53	22n19	16n 4	4n34	4n 8	10n28	10s36	5n44

Julian Day Number = 1988389.5, Delta T = 56m02s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'35, Lahiri = 6°11'35 Julian Calendar 1 Dec. 731 == Greg. Calendar 5 Dec. 731

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ASTRODIENST EPHEMERIS for the year 732
geocentric

JANUARY 732 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 52 26	13♑51'25	21♐ 0	29♑50	27♏48	11♑33	21°R26	3♈58	28♐56	4°R47	10°R52	18°R22	19♍33	28♌ 6	16♒17	T 1
W 2	6 56 22	14°52'30	5♑30	1♒23	28°43	12°20	21♉23	4° 1	28°59	4♉47	10♍51	18♍11	19°30	28°13	16°21	W 2
T 3	7 0 19	15°53'33	20°18	2°52	29°38	13° 7	21°21	4° 5	29° 3	4°46	10°50	18° 1	19°27	28°20	16°25	T 3
F 4	7 4 15	16°54'36	5♒14	4°19	0♐34	13°54	21°19	4° 8	29° 6	4°46	10°50	17°53	19°24	28°26	16°28	F 4
S 5	7 8 12	17°55'38	20° 9	5°41	1°30	14°41	21°18	4°12	29°10	4°46	10°49	17°48	19°21	28°33	16°32	S 5
S 6	7 12 8	18°56'39	4♓57	7° 0	2°27	15°28	21°16	4°15	29°13	4°46	10°48	17°45	19°18	28°39	16°36	S 6
M 7	7 16 5	19°57'38	19°29	8°13	3°24	16°15	21°15	4°19	29°17	4°45	10°47	17°D44	19°14	28°46	16°39	M 7
T 8	7 20 2	20°58'36	3♈44	9°21	4°22	17° 2	21°14	4°23	29°20	4°45	10°46	17°45	19°11	28°53	16°43	T 8
W 9	7 23 58	21°59'32	17°39	10°22	5°20	17°49	21°13	4°27	29°23	4°45	10°45	17°R45	19° 8	28°59	16°47	W 9
T 10	7 27 55	23° 0'27	1♉16	11°15	6°19	18°36	21°12	4°31	29°27	4°45	10°44	17°45	19° 5	29° 6	16°51	T 10
F 11	7 31 51	24° 1'21	14°36	12° 0	7°18	19°23	21°12	4°35	29°30	4°45	10°43	17°43	19° 2	29°13	16°54	F 11
S 12	7 35 48	25° 2'13	27°39	12°37	8°17	20°10	21°12	4°39	29°33	4°D45	10°42	17°39	18°58	29°19	16°58	S 12
S 13	7 39 44	26° 3'04	10♊30	13° 3	9°17	20°58	21°D12	4°43	29°37	4°45	10°41	17°32	18°55	29°26	17° 2	S 13
M14	7 43 41	27° 3'53	23° 8	13°20	10°18	21°45	21°12	4°47	29°40	4°45	10°40	17°23	18°52	29°33	17° 6	M14
T 15	7 47 37	28° 4'41	5♋34	13°R25	11°19	22°32	21°12	4°52	29°43	4°45	10°39	17°14	18°49	29°39	17°10	T 15
W16	7 51 34	29° 5'28	17°51	13°20	12°20	23°19	21°13	4°56	29°46	4°45	10°38	17° 4	18°46	29°46	17°14	W16
T 17	7 55 31	0♒ 6'13	29°59	13° 4	13°21	24° 6	21°13	5° 1	29°50	4°45	10°37	16°55	18°43	29°53	17°18	T 17
F 18	7 59 27	1° 6'57	11♌58	12°37	14°23	24°54	21°14	5° 6	29°53	4°46	10°36	16°48	18°39	29°59	17°22	F 18
S 19	8 3 24	2° 7'39	23°51	12° 0	15°25	25°41	21°15	5°10	29°56	4°46	10°35	16°43	18°36	0♍ 6	17°26	S 19
S 20	8 7 20	3° 8'20	5♍40	11°14	16°28	26°28	21°17	5°15	29°59	4°46	10°34	16°41	18°33	0°13	17°29	S 20
M21	8 11 17	4° 8'59	17°26	10°21	17°31	27°15	21°18	5°20	0♑ 2	4°46	10°32	16°D40	18°30	0°19	17°33	M21
T 22	8 15 13	5° 9'38	29°15	9°20	18°34	28° 3	21°20	5°25	0° 5	4°47	10°31	16°41	18°27	0°26	17°37	T 22
W23	8 19 10	6°10'15	11♎ 9	8°15	19°37	28°50	21°22	5°30	0° 9	4°47	10°30	16°42	18°24	0°33	17°41	W23
T 24	8 23 6	7°10'50	23°14	7° 7	20°41	29°37	21°24	5°35	0°12	4°48	10°29	16°44	18°20	0°39	17°45	T 24
F 25	8 27 3	8°11'25	5♏34	5°58	21°45	0♒24	21°27	5°40	0°15	4°48	10°27	16°R45	18°17	0°46	17°49	F 25
S 26	8 30 59	9°11'58	18°15	4°50	22°50	1°12	21°29	5°46	0°18	4°48	10°26	16°44	18°14	0°53	17°53	S 26
S 27	8 34 56	10°12'30	1♐21	3°44	23°54	1°59	21°32	5°51	0°21	4°49	10°25	16°42	18°11	0°59	17°57	S 27
M28	8 38 53	11°13'00	14°54	2°42	24°59	2°46	21°35	5°57	0°23	4°50	10°23	16°39	18° 8	1° 6	18° 1	M28
T 29	8 42 49	12°13'29	28°57	1°45	26° 4	3°34	21°38	6° 2	0°26	4°50	10°22	16°34	18° 4	1°13	18° 6	T 29
W30	8 46 46	13°13'57	13♑26	0°54	27° 9	4°21	21°41	6° 8	0°29	4°51	10°21	16°29	18° 1	1°19	18°10	W30
T 31	8 50 42	14♒14'23	28♑18	0♒10	28♐15	5♒ 8	21♉45	6♈13	0♑32	4♉51	10♍19	16♍24	17♍58	1♍26	18♒14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s52	18s15	5n 3	21s39	1s21	15s50	4n 4	24s 2	0s57	17n33	0s43	0s42	2s30	23s51	0s15	11n25	1s53	22n20	16n 5	4n38	4n10	10n27	10s35	5n44
W 2	22 46	18 39	4 50	21 10	1 13	16 3	4 3	23 58	0 57	17 32	0 43	0 41	2 30	23 51	0 16	11 25	1 53	22 20	16 5	4 42	4 11	10 25	10 34	5 44
T 3	22 39	17 49	4 17	20 41	1 3	16 16	4 2	23 54	0 58	17 32	0 43	0 39	2 30	23 51	0 16	11 25	1 53	22 21	16 6	4 46	4 12	10 24	10 33	5 44
F 4	22 31	15 45	3 27	20 10	0 53	16 29	4 0	23 50	0 58	17 32	0 43	0 38	2 29	23 51	0 16	11 25	1 53	22 22	16 6	4 49	4 13	10 22	10 32	5 44
S 5	22 23	12 37	2 22	19 39	0 42	16 42	3 58	23 45	0 58	17 31	0 42	0 36	2 29	23 51	0 16	11 25	1 53	22 23	16 7	4 51	4 15	10 20	10 32	5 43
S 6	22 15	8 42	1 8	19 8	0 30	16 55	3 56	23 40	0 59	17 31	0 42	0 34	2 29	23 51	0 16	11 25	1 53	22 23	16 7	4 52	4 16	10 19	10 31	5 43
M 7	22 6	4 20	0s 9	18 36	0 17	17 8	3 54	23 35	0 59	17 31	0 42	0 33	2 28	23 51	0 16	11 25	1 53	22 24	16 8	4 53	4 17	10 17	10 30	5 43
T 8	21 57	0n12	1 25	18 5	0 3	17 21	3 52	23 29	0 59	17 31	0 42	0 31	2 28	23 52	0 16	11 25	1 53	22 25	16 8	4 52	4 18	10 16	10 29	5 43
W 9	21 47	4 37	2 33	17 34	0n12	17 34	3 50	23 23	0 59	17 31	0 41	0 29	2 28	23 52	0 16	11 25	1 53	22 26	16 9	4 52	4 20	10 14	10 28	5 43
T 10	21 37	8 41	3 32	17 5	0 27	17 46	3 48	23 17	1 0	17 31	0 41	0 27	2 28	23 52	0 16	11 25	1 53	22 26	16 9	4 52	4 21	10 13	10 27	5 42
F 11	21 27	12 14	4 17	16 37	0 43	17 59	3 45	23 11	1 0	17 31	0 41	0 25	2 27	23 52	0 16	11 25	1 53	22 27	16 9	4 53	4 22	10 11	10 26	5 42
S 12	21 16	15 5	4 48	16 10	1 0	18 11	3 42	23 4	1 0	17 31	0 41	0 24	2 27	23 52	0 16	11 25	1 53	22 28	16 10	4 55	4 23	10 10	10 25	5 42
S 13	21 5	17 9	5 4	15 46	1 17	18 23	3 39	22 57	1 1	17 32	0 40	0 22	2 27	23 52	0 16	11 26	1 53	22 29	16 10	4 58	4 25	10 8	10 24	5 42
M14	20 53	18 20	5 5	15 25	1 35	18 34	3 37	22 50	1 1	17 32	0 40	0 20	2 27	23 52	0 16	11 26	1 52	22 30	16 11	5 1	4 26	10 7	10 23	5 42
T 15	20 41	18 38	4 51	15 7	1 52	18 46	3 34	22 42	1 1	17 32	0 40	0 18	2 27	23 52	0 16	11 26	1 52	22 30	16 11	5 5	4 27	10 5	10 22	5 42
W16	20 29	18 2	4 24	14 52	2 9	18 57	3 30	22 35	1 1	17 33	0 40	0 16	2 26	23 52	0 16	11 26	1 52	22 31	16 12	5 8	4 28	10 4	10 21	5 42
T 17	20 16	16 37	3 45	14 41	2 26	19 8	3 27	22 27	1 2	17 33	0 39	0 14	2 26	23 52	0 16	11 26	1 52	22 32	16 12	5 12	4 30	10 2	10 20	5 41
F 18	20 3	14 29	2 57	14 33	2 42	19 18	3 24	22 19	1 2	17 34	0 39	0 12	2 26	23 52	0 16	11 26	1 52	22 33	16 12	5 15	4 31	10 0	10 19	5 41
S 19	19 49	11 46	2 1	14 29	2 56	19 28	3 21	22 10	1 2	17 34	0 39	0 9	2 26	23 52	0 16	11 26	1 52	22 34	16 13	5 17	4 32	9 59	10 18	5 41
S 20	19 35	8 35	0 59	14 29	3 10	19 38	3 17	22 1	1 2	17 35	0 39	0 7	2 25	23 52	0 16	11 26	1 52	22 35	16 13	5 18	4 33	9 57	10 17	5 41
M21	19 21	5 4	0n 4	14 32	3 21	19 48	3 14	21 52	1 3	17 35	0 38	0 5	2 25	23 52	0 16	11 27	1 52	22 35	16 14	5 18	4 35	9 56	10 16	5 41
T 22	19 6	1 20	1 8	14 39	3 31	19 57	3 10	21 43	1 3	17 36	0 38	0 3	2 25	23 52	0 16	11 27	1 52	22 36	16 14	5 18	4 36	9 54	10 14	5 41
W23	18 51	2s27	2 9	14 49	3 38	20 6	3 6	21 34	1 3	17 37	0 38	0 1	2 25	23 52	0 16	11 27	1 52	22 37	16 14	5 17	4 37	9 53	10 13	5 41
T 24	18 36	6 12	3 6	15 1	3 43	20 14	3 3	21 24	1 3	17 38	0 38	0n 1	2 25	23 52	0 16	11 27	1 52	22 38	16 15	5 16	4 38	9 51	10 12	5 41
F 25	18 20	9 46	3 55	15 15	3 46	20 22	2 59	21 14	1 3	17 38	0 37	0 4	2 24	23 52	0 16	11 27	1 52	22 39	16 15	5 16	4 40	9 49	10 11	5 41
S 26	18 4	12 59	4 35	15 31	3 46	20 30	2 55	21 4	1 4	17 39	0 37	0 6	2 24	23 52	0 16	11 28	1 52	22 39	16 15	5 16	4 41	9 48	10 10	5 41
S 27	17 48	15 39	5 1	15 48	3 45	20 37	2 51	20 53	1 4	17 40	0 37	0 8	2 24	23 52	0 16	11 28	1 52	22 40	16 16	5 17	4 42	9 46	10 9	5 41
M28	17 32	17 34	5 12	16 6	3 41	20 44	2 47	20 43	1 4	17 41	0 37	0 11	2 24	23 52	0 16	11 28	1 52	22 41	16 16	5 18	4 43	9 45	10 8	5 40
T 29	17 15	18 31	5 5	16 25	3 35	20 50	2 43	20 32	1 4	17 42	0 37	0 13	2 23	23 52	0 16	11 28	1 51	22 42	16 16	5 20	4 45	9 43	10 7	5 40
W30	16 58	18 18	4 39	16 43	3 27	20 55	2 39	20 21	1 4	17 43	0 36	0 16	2 23	23 52	0 16	11 29	1 51	22 43	16 17	5 22	4 46	9 42	10 5	5 40
T 31	16s40	16s50	3n53	17s 1	3n19	21s 1	2n35	20s 9	1s 4	17n45	0s36	0n18	2s23	23s52	0s16	11n29	1s51	22n44	16n17	5n24	4n47	9n40	10s 4	5n40

Julian Day Number = 1988420.5, Delta T = 56m01s
Ecliptic obliquity = 23°36'01, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'39, Lahiri = 6°11'39 Julian Calendar 1 Jan. 732 == Greg. Calendar 5 Jan. 732

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ASTRODIENST EPHEMERIS for the year 732
geocentric

FEBRUARY 732 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 54 39	15♒14'47	13♒25	29°R33	29♐20	5♒55	21♉48	6♈19	0♏35	4♉52	10°R18	16°R20	17♍55	1♍32	18♒18	F 1
S 2	8 58 35	16°15'10	28°37	29♏ 3	0♏26	6°43	21°52	6°25	0°38	4°53	10♍16	16♍17	17°52	1°39	18°22	S 2
S 3	9 2 32	17°15'31	13♓44	28°40	1°32	7°30	21°56	6°31	0°40	4°53	10°15	16°D16	17°49	1°46	18°26	S 3
M 4	9 6 28	18°15'49	28°38	28°25	2°39	8°17	22° 0	6°37	0°43	4°54	10°13	16°17	17°45	1°52	18°30	M 4
T 5	9 10 25	19°16'06	13♈12	28°17	3°45	9° 5	22° 5	6°43	0°46	4°55	10°12	16°18	17°42	1°59	18°34	T 5
W 6	9 14 22	20°16'21	27°22	28°D15	4°52	9°52	22° 9	6°49	0°48	4°56	10°10	16°19	17°39	2° 6	18°38	W 6
T 7	9 18 18	21°16'33	11♉ 8	28°21	5°59	10°39	22°14	6°55	0°51	4°57	10° 9	16°21	17°36	2°12	18°42	T 7
F 8	9 22 15	22°16'44	24°29	28°32	7° 6	11°27	22°19	7° 1	0°54	4°58	10° 7	16°R21	17°33	2°19	18°46	F 8
S 9	9 26 11	23°16'52	7♊30	28°49	8°13	12°14	22°24	7° 7	0°56	4°59	10° 6	16°20	17°30	2°26	18°50	S 9
S 10	9 30 8	24°16'58	20°12	29°11	9°20	13° 1	22°30	7°13	0°59	5° 0	10° 4	16°18	17°26	2°32	18°54	S 10
M11	9 34 4	25°17'02	2♋38	29°39	10°27	13°48	22°35	7°20	1° 1	5° 1	10° 3	16°16	17°23	2°39	18°58	M11
T 12	9 38 1	26°17'04	14°52	0♒11	11°35	14°36	22°41	7°26	1° 3	5° 2	10° 1	16°12	17°20	2°46	19° 2	T 12
W13	9 41 57	27°17'03	26°56	0°48	12°43	15°23	22°46	7°33	1° 6	5° 3	9°59	16° 9	17°17	2°52	19° 6	W13
T 14	9 45 54	28°17'01	8♌53	1°28	13°50	16°10	22°52	7°39	1° 8	5° 4	9°58	16° 6	17°14	2°59	19°10	T 14
F 15	9 49 51	29°16'56	20°45	2°13	14°58	16°57	22°58	7°46	1°10	5° 5	9°56	16° 4	17°10	3° 6	19°14	F 15
S 16	9 53 47	0♓16'50	2♍33	3° 1	16° 6	17°44	23° 5	7°52	1°13	5° 6	9°55	16° 3	17° 7	3°12	19°18	S 16
S 17	9 57 44	1°16'41	14°21	3°53	17°15	18°32	23°11	7°59	1°15	5° 7	9°53	16°D 2	17° 4	3°19	19°22	S 17
M18	10 1 40	2°16'30	26°10	4°47	18°23	19°19	23°18	8° 6	1°17	5° 8	9°51	16° 2	17° 1	3°26	19°26	M18
T 19	10 5 37	3°16'18	8♎ 3	5°45	19°32	20° 6	23°24	8°12	1°19	5°10	9°50	16° 3	16°58	3°32	19°30	T 19
W20	10 9 33	4°16'03	20° 3	6°45	20°40	20°53	23°31	8°19	1°21	5°11	9°48	16° 4	16°55	3°39	19°34	W20
T 21	10 13 30	5°15'47	2♏12	7°48	21°49	21°40	23°38	8°26	1°23	5°12	9°47	16° 5	16°51	3°45	19°38	T 21
F 22	10 17 26	6°15'29	14°35	8°53	22°58	22°27	23°46	8°33	1°25	5°14	9°45	16° 6	16°48	3°52	19°42	F 22
S 23	10 21 23	7°15'09	27°15	10° 1	24° 7	23°14	23°53	8°40	1°27	5°15	9°43	16° 7	16°45	3°59	19°46	S 23
S 24	10 25 20	8°14'48	10♐16	11°11	25°16	24° 1	24° 0	8°47	1°29	5°16	9°42	16°R 7	16°42	4° 5	19°50	S 24
M25	10 29 16	9°14'24	23°41	12°23	26°25	24°49	24° 8	8°54	1°31	5°18	9°40	16° 7	16°39	4°12	19°53	M25
T 26	10 33 13	10°13'59	7♑32	13°37	27°34	25°36	24°16	9° 1	1°33	5°19	9°38	16° 6	16°35	4°19	19°57	T 26
W27	10 37 9	11°13'32	21°49	14°52	28°43	26°23	24°24	9° 8	1°35	5°21	9°37	16° 6	16°32	4°25	20° 1	W27
T 28	10 41 6	12°13'04	6♒29	16°10	29°53	27°10	24°32	9°15	1°36	5°22	9°35	16° 5	16°29	4°32	20° 5	T 28
F 29	10 45 2	13♓12'33	21♒28	17♒29	1♒ 2	27♒57	24♉40	9♈22	1♏38	5♉24	9♍34	16♍ 5	16♍26	4♍39	20♒ 9	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s22	14s11	2n50	17s19	3n 9	21s 6	2n30	19s58	1s 5	17n46	0s36	0n20	2s23	23s52	0s16	11n29	1s51	22n44	16n17	5n26	4n48	9n38	10s 3	5n40
S 2	16 4	10 33	1 35	17 36	2 57	21 10	2 26	19 46	1 5	17 47	0 36	0 23	2 23	23 52	0 16	11 29	1 51	22 45	16 17	5 27	4 50	9 37	10 2	5 40
S 3	15 46	6 13	0 14	17 52	2 46	21 14	2 22	19 34	1 5	17 48	0 35	0 25	2 23	23 52	0 16	11 30	1 51	22 46	16 18	5 27	4 51	9 35	10 1	5 40
M 4	15 27	1 35	1s 7	18 7	2 33	21 17	2 18	19 22	1 5	17 50	0 35	0 28	2 22	23 52	0 16	11 30	1 51	22 47	16 18	5 27	4 52	9 34	9 59	5 40
T 5	15 9	3n 3	2 23	18 21	2 21	21 20	2 13	19 9	1 5	17 51	0 35	0 30	2 22	23 52	0 16	11 30	1 51	22 48	16 18	5 26	4 53	9 32	9 58	5 40
W 6	14 50	7 23	3 27	18 34	2 8	21 22	2 9	18 57	1 5	17 52	0 35	0 33	2 22	23 52	0 16	11 31	1 51	22 48	16 18	5 26	4 55	9 31	9 57	5 40
T 7	14 30	11 11	4 18	18 46	1 55	21 23	2 5	18 44	1 5	17 54	0 34	0 36	2 22	23 52	0 16	11 31	1 51	22 49	16 19	5 25	4 56	9 29	9 56	5 40
F 8	14 11	14 17	4 53	18 56	1 42	21 24	2 0	18 31	1 5	17 55	0 34	0 38	2 22	23 52	0 16	11 31	1 51	22 50	16 19	5 25	4 57	9 27	9 55	5 40
S 9	13 51	16 35	5 11	19 6	1 29	21 25	1 56	18 18	1 6	17 57	0 34	0 41	2 21	23 52	0 16	11 32	1 51	22 51	16 19	5 26	4 58	9 26	9 53	5 40
S 10	13 31	18 0	5 14	19 14	1 16	21 25	1 51	18 4	1 6	17 58	0 34	0 43	2 21	23 52	0 16	11 32	1 51	22 52	16 19	5 26	5 0	9 24	9 52	5 40
M11	13 11	18 32	5 3	19 20	1 3	21 24	1 47	17 51	1 6	18 0	0 34	0 46	2 21	23 52	0 16	11 33	1 51	22 52	16 20	5 27	5 1	9 23	9 51	5 40
T 12	12 50	18 11	4 37	19 26	0 51	21 23	1 43	17 37	1 6	18 2	0 33	0 49	2 21	23 52	0 16	11 33	1 51	22 53	16 20	5 29	5 2	9 21	9 50	5 40
W13	12 30	17 0	3 59	19 30	0 38	21 22	1 38	17 23	1 6	18 3	0 33	0 52	2 21	23 52	0 16	11 33	1 50	22 54	16 20	5 30	5 3	9 19	9 48	5 40
T 14	12 9	15 5	3 11	19 32	0 26	21 19	1 34	17 9	1 6	18 5	0 33	0 54	2 21	23 52	0 16	11 34	1 50	22 55	16 20	5 31	5 5	9 18	9 47	5 40
F 15	11 48	12 32	2 16	19 33	0 15	21 16	1 29	16 54	1 6	18 7	0 33	0 57	2 21	23 52	0 16	11 34	1 50	22 56	16 20	5 32	5 6	9 16	9 46	5 40
S 16	11 27	9 29	1 14	19 33	0 4	21 13	1 25	16 40	1 6	18 9	0 32	1 0	2 20	23 52	0 16	11 35	1 50	22 56	16 20	5 32	5 7	9 15	9 45	5 40
S 17	11 6	6 3	0 9	19 32	0s 7	21 9	1 21	16 25	1 6	18 10	0 32	1 3	2 20	23 52	0 16	11 35	1 50	22 57	16 20	5 33	5 8	9 13	9 43	5 40
M18	10 44	2 23	0n56	19 29	0 17	21 4	1 16	16 11	1 6	18 12	0 32	1 5	2 20	23 52	0 16	11 36	1 50	22 58	16 21	5 33	5 10	9 11	9 42	5 40
T 19	10 22	1s23	1 59	19 24	0 27	20 59	1 12	15 56	1 6	18 14	0 32	1 8	2 20	23 52	0 16	11 36	1 50	22 59	16 21	5 32	5 11	9 10	9 41	5 40
W20	10 1	5 9	2 58	19 19	0 37	20 53	1 7	15 40	1 6	18 16	0 32	1 11	2 20	23 52	0 16	11 37	1 50	22 59	16 21	5 32	5 12	9 8	9 40	5 40
T 21	9 39	8 44	3 49	19 11	0 46	20 47	1 3	15 25	1 6	18 18	0 31	1 14	2 20	23 52	0 16	11 37	1 50	23 0	16 21	5 31	5 13	9 6	9 38	5 40
F 22	9 17	12 0	4 31	19 3	0 55	20 40	0 59	15 10	1 6	18 20	0 31	1 17	2 20	23 52	0 16	11 37	1 50	23 1	16 21	5 31	5 15	9 5	9 37	5 40
S 23	8 54	14 48	5 1	18 53	1 4	20 33	0 54	14 54	1 6	18 22	0 31	1 19	2 19	23 52	0 16	11 38	1 50	23 1	16 21	5 31	5 16	9 3	9 36	5 41
S 24	8 32	16 55	5 16	18 41	1 12	20 24	0 50	14 39	1 6	18 24	0 31	1 22	2 19	23 52	0 16	11 39	1 50	23 2	16 21	5 31	5 17	9 2	9 35	5 41
M25	8 9	18 12	5 15	18 28	1 19	20 16	0 46	14 23	1 6	18 26	0 31	1 25	2 19	23 52	0 16	11 39	1 50	23 3	16 21	5 31	5 18	9 0	9 33	5 41
T 26	7 47	18 27	4 56	18 14	1 26	20 7	0 42	14 7	1 6	18 28	0 30	1 28	2 19	23 52	0 16	11 40	1 50	23 4	16 21	5 31	5 20	8 58	9 32	5 41
W27	7 24	17 34	4 18	17 58	1 33	19 57	0 37	13 51	1 6	18 30	0 30	1 31	2 19	23 52	0 16	11 40	1 50	23 4	16 21	5 31	5 21	8 57	9 31	5 41
T 28	7 1	15 30	3 23	17 41	1 39	19 46	0 33	13 34	1 6	18 33	0 30	1 34	2 19	23 52	0 16	11 41	1 50	23 5	16 21	5 31	5 22	8 55	9 30	5 41
F 29	6s38	12s21	2n13	17s22	1s45	19s35	0n29	13s18	1s 6	18n35	0s30	1n37	2s19	23s52	0s17	11n41	1s50	23n 6	16n21	5n32	5n23	8n54	9s28	5n41

Julian Day Number = 1988451.5, Delta T = 56m01s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'43, Lahiri = 6°11'43 Julian Calendar 1 Feb. 732 == Greg. Calendar 5 Feb. 732

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MARCH 732 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 48 59	14♓12'00	6♓38	18♒51	2♒12	28♒44	24♉48	9♈30	1♊40	5♉25	9°R32	16°R 5	16♍23	4♍45	20♒13	S 1
S 2	10 52 55	15°11'25	21°50	20°13	3°21	29°31	24°57	9°37	1°41	5°27	9♍30	16°D 5	16°20	4°52	20°16	S 2
M 3	10 56 52	16°10'48	6♈53	21°38	4°31	0♓17	25° 5	9°44	1°43	5°28	9°29	16°R 5	16°16	4°59	20°20	M 3
T 4	11 0 48	17°10'09	21°41	23° 4	5°41	1° 4	25°14	9°51	1°44	5°30	9°27	16♍ 5	16°13	5° 5	20°24	T 4
W 5	11 4 45	18° 9'28	6♉ 5	24°31	6°51	1°51	25°23	9°59	1°46	5°32	9°25	16° 5	16°10	5°12	20°27	W 5
T 6	11 8 42	19° 8'44	20° 4	26° 0	8° 1	2°38	25°32	10° 6	1°47	5°33	9°24	16° 4	16° 7	5°19	20°31	T 6
F 7	11 12 38	20° 7'58	3♊35	27°31	9°11	3°25	25°41	10°13	1°49	5°35	9°22	16° 4	16° 4	5°25	20°35	F 7
S 8	11 16 35	21° 7'09	16°41	29° 3	10°21	4°12	25°50	10°21	1°50	5°37	9°21	16°D 4	16° 1	5°32	20°38	S 8
S 9	11 20 31	22° 6'19	29°23	0♓36	11°31	4°59	25°59	10°28	1°51	5°38	9°19	16° 4	15°57	5°38	20°42	S 9
M10	11 24 28	23° 5'25	11♋47	2°11	12°41	5°45	26° 8	10°36	1°52	5°40	9°17	16° 4	15°54	5°45	20°45	M10
T 11	11 28 24	24° 4'30	23°55	3°47	13°52	6°32	26°18	10°43	1°54	5°42	9°16	16° 5	15°51	5°52	20°49	T 11
W12	11 32 21	25° 3'32	5♌53	5°25	15° 2	7°19	26°28	10°51	1°55	5°44	9°14	16° 6	15°48	5°58	20°52	W12
T 13	11 36 17	26° 2'32	17°44	7° 5	16°12	8° 5	26°37	10°58	1°56	5°45	9°13	16° 7	15°45	6° 5	20°56	T 13
F 14	11 40 14	27° 1'29	29°31	8°45	17°23	8°52	26°47	11° 6	1°57	5°47	9°11	16° 8	15°41	6°12	20°59	F 14
S 15	11 44 11	28° 0'24	11♍19	10°27	18°33	9°38	26°57	11°13	1°58	5°49	9°10	16°R 8	15°38	6°18	21° 3	S 15
S 16	11 48 7	28°59'18	23° 9	12°11	19°44	10°25	27° 7	11°21	1°59	5°51	9° 8	16° 8	15°35	6°25	21° 6	S 16
M17	11 52 4	29°58'09	5♎ 3	13°56	20°54	11°12	27°17	11°28	2° 0	5°53	9° 7	16° 7	15°32	6°32	21°10	M17
T 18	11 56 0	0♈56'57	17° 5	15°43	22° 5	11°58	27°28	11°36	2° 0	5°55	9° 5	16° 6	15°29	6°38	21°13	T 18
W19	11 59 57	1°55'44	29°16	17°31	23°16	12°44	27°38	11°44	2° 1	5°57	9° 4	16° 4	15°26	6°45	21°16	W19
T 20	12 3 53	2°54'30	11♏37	19°21	24°26	13°31	27°49	11°51	2° 2	5°59	9° 2	16° 1	15°22	6°52	21°19	T 20
F 21	12 7 50	3°53'13	24°10	21°12	25°37	14°17	27°59	11°59	2° 3	6° 1	9° 1	15°59	15°19	6°58	21°23	F 21
S 22	12 11 46	4°51'54	6♐58	23° 5	26°48	15° 4	28°10	12° 7	2° 3	6° 3	8°59	15°57	15°16	7° 5	21°26	S 22
S 23	12 15 43	5°50'34	20° 2	24°59	27°59	15°50	28°20	12°14	2° 4	6° 5	8°58	15°55	15°13	7°12	21°29	S 23
M24	12 19 40	6°49'12	3♑25	26°55	29°10	16°36	28°31	12°22	2° 4	6° 7	8°56	15°D54	15°10	7°18	21°32	M24
T 25	12 23 36	7°47'49	17° 7	28°52	0♓21	17°23	28°42	12°30	2° 5	6° 9	8°55	15°54	15° 6	7°25	21°35	T 25
W26	12 27 33	8°46'23	1♒10	0♈51	1°32	18° 9	28°53	12°37	2° 5	6°11	8°54	15°55	15° 3	7°31	21°38	W26
T 27	12 31 29	9°44'56	15°33	2°51	2°43	18°55	29° 4	12°45	2° 5	6°13	8°52	15°57	15° 0	7°38	21°41	T 27
F 28	12 35 26	10°43'27	0♓13	4°53	3°54	19°41	29°16	12°53	2° 6	6°15	8°51	15°58	14°57	7°45	21°44	F 28
S 29	12 39 22	11°41'57	15° 5	6°56	5° 5	20°27	29°27	13° 0	2° 6	6°17	8°50	15°R59	14°54	7°51	21°47	S 29
S 30	12 43 19	12°40'24	0♈ 4	9° 0	6°17	21°13	29°38	13° 8	2° 6	6°19	8°48	15°58	14°51	7°58	21°50	S 30
M31	12 47 15	13♈38'50	15♈ 0	11♈ 6	7♓28	21♓59	29♉50	13♈16	2♊ 6	6♉21	8♍47	15♍56	14♍47	8♍ 5	21♒53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s15	8s20	0n52	17s 2	1s51	19s24	0n25	13s 1	1s 6	18n37	0s30	1n40	2s19	23s52	0s17	11n42	1s50	23n 6	16n21	5n32	5n25	8n52	9s27	5n41
S 2	5 52	3 45	0s32	16 40	1 56	19 12	0 21	12 45	1 6	18 39	0 29	1 43	2 19	23 52	0 17	11 42	1 49	23 7	16 21	5 32	5 26	8 50	9 26	5 41
M 3	5 29	1n 1	1 53	16 17	2 0	18 59	0 17	12 28	1 6	18 42	0 29	1 46	2 18	23 52	0 17	11 43	1 49	23 8	16 21	5 32	5 27	8 49	9 24	5 41
T 4	5 6	5 38	3 6	15 53	2 4	18 46	0 13	12 11	1 6	18 44	0 29	1 49	2 18	23 52	0 17	11 43	1 49	23 8	16 21	5 32	5 28	8 47	9 23	5 41
W 5	4 43	9 48	4 4	15 27	2 8	18 33	0 9	11 54	1 6	18 46	0 29	1 52	2 18	23 52	0 17	11 44	1 49	23 9	16 21	5 32	5 30	8 45	9 22	5 42
T 6	4 19	13 17	4 46	15 0	2 11	18 18	0 5	11 37	1 6	18 48	0 29	1 55	2 18	23 52	0 17	11 45	1 49	23 9	16 21	5 32	5 31	8 44	9 21	5 42
F 7	3 56	15 56	5 11	14 31	2 14	18 4	0 1	11 20	1 5	18 51	0 29	1 58	2 18	23 52	0 17	11 45	1 49	23 10	16 21	5 32	5 32	8 42	9 19	5 42
S 8	3 33	17 39	5 18	14 1	2 16	17 49	0s 3	11 3	1 5	18 53	0 28	2 1	2 18	23 52	0 17	11 46	1 49	23 11	16 21	5 32	5 33	8 40	9 18	5 42
S 9	3 9	18 26	5 10	13 29	2 18	17 33	0 6	10 46	1 5	18 56	0 28	2 4	2 18	23 52	0 17	11 46	1 49	23 11	16 21	5 32	5 35	8 39	9 17	5 42
M10	2 46	18 19	4 47	12 56	2 20	17 17	0 10	10 28	1 5	18 58	0 28	2 7	2 18	23 52	0 17	11 47	1 49	23 12	16 21	5 32	5 36	8 37	9 16	5 42
T 11	2 22	17 20	4 11	12 22	2 20	17 0	0 14	10 11	1 5	19 0	0 28	2 10	2 18	23 52	0 17	11 48	1 49	23 12	16 21	5 32	5 37	8 35	9 14	5 42
W12	1 59	15 36	3 26	11 46	2 21	16 43	0 17	9 53	1 5	19 3	0 28	2 13	2 18	23 52	0 17	11 48	1 49	23 13	16 21	5 31	5 38	8 34	9 13	5 43
T 13	1 35	13 13	2 31	11 9	2 21	16 25	0 21	9 36	1 5	19 5	0 27	2 16	2 18	23 52	0 17	11 49	1 49	23 13	16 21	5 31	5 39	8 32	9 12	5 43
F 14	1 11	10 18	1 31	10 30	2 20	16 7	0 24	9 18	1 5	19 8	0 27	2 19	2 18	23 52	0 17	11 50	1 49	23 14	16 21	5 30	5 41	8 31	9 11	5 43
S 15	0 48	6 58	0 27	9 50	2 19	15 48	0 28	9 0	1 4	19 10	0 27	2 22	2 18	23 52	0 17	11 50	1 49	23 14	16 21	5 30	5 42	8 29	9 9	5 43
S 16	0 24	3 20	0n39	9 9	2 17	15 29	0 31	8 42	1 4	19 13	0 27	2 25	2 18	23 52	0 17	11 51	1 49	23 15	16 21	5 30	5 43	8 27	9 8	5 43
M17	0 1	0s27	1 43	8 26	2 15	15 10	0 34	8 24	1 4	19 15	0 27	2 28	2 17	23 52	0 17	11 52	1 49	23 15	16 20	5 31	5 44	8 26	9 7	5 43
T 18	0n23	4 15	2 43	7 42	2 13	14 50	0 38	8 6	1 4	19 18	0 27	2 31	2 17	23 52	0 17	11 52	1 49	23 16	16 20	5 31	5 46	8 24	9 6	5 44
W19	0 46	7 54	3 37	6 57	2 10	14 30	0 41	7 48	1 4	19 20	0 26	2 34	2 17	23 52	0 17	11 53	1 49	23 16	16 20	5 32	5 47	8 22	9 5	5 44
T 20	1 10	11 17	4 21	6 10	2 6	14 9	0 44	7 30	1 4	19 23	0 26	2 37	2 17	23 52	0 17	11 54	1 49	23 17	16 20	5 33	5 48	8 21	9 3	5 44
F 21	1 33	14 12	4 53	5 22	2 2	13 48	0 47	7 12	1 3	19 25	0 26	2 40	2 17	23 52	0 17	11 54	1 49	23 17	16 20	5 34	5 49	8 19	9 2	5 44
S 22	1 57	16 29	5 12	4 33	1 57	13 26	0 50	6 54	1 3	19 28	0 26	2 43	2 17	23 52	0 17	11 55	1 49	23 17	16 20	5 35	5 51	8 17	9 1	5 44
S 23	2 20	17 59	5 15	3 43	1 52	13 5	0 53	6 35	1 3	19 30	0 26	2 46	2 17	23 52	0 17	11 56	1 49	23 18	16 19	5 35	5 52	8 16	9 0	5 45
M24	2 44	18 32	5 1	2 51	1 46	12 42	0 55	6 17	1 3	19 33	0 26	2 49	2 17	23 52	0 17	11 56	1 49	23 18	16 19	5 36	5 53	8 14	8 59	5 45
T 25	3 7	18 2	4 30	1 59	1 40	12 20	0 58	5 59	1 2	19 35	0 25	2 52	2 17	23 52	0 17	11 57	1 49	23 18	16 19	5 36	5 54	8 12	8 57	5 45
W26	3 30	16 25	3 43	1 5	1 33	11 57	1 1	5 40	1 2	19 38	0 25	2 55	2 17	23 52	0 17	11 58	1 49	23 19	16 19	5 35	5 56	8 11	8 56	5 45
T 27	3 53	13 44	2 40	0 10	1 26	11 33	1 3	5 22	1 2	19 41	0 25	2 58	2 17	23 52	0 17	11 59	1 48	23 19	16 19	5 35	5 57	8 9	8 55	5 45
F 28	4 16	10 8	1 26	0n46	1 18	11 10	1 6	5 3	1 2	19 43	0 25	3 1	2 17	23 52	0 17	11 59	1 48	23 19	16 18	5 34	5 58	8 7	8 54	5 46
S 29	4 39	5 50	0 5	1 42	1 10	10 46	1 8	4 45	1 1	19 46	0 25	3 4	2 17	23 52	0 17	12 0	1 48	23 20	16 18	5 34	5 59	8 6	8 53	5 46
S 30	5 2	1 9	1s17	2 39	1 1	10 22	1 11	4 26	1 1	19 48	0 25	3 7	2 17	23 52	0 17	12 1	1 48	23 20	16 18	5 34	6 1	8 4	8 52	5 46
M31	5n25	3n36	2s33	3n37	0s52	9s57	1s13	4s 8	1s 1	19n51	0s25	3n10	2s17	23s52	0s17	12n 1	1s48	23n20	16n18	5n35	6n 2	8n 2	8s51	5n46

Julian Day Number = 1988480.5, Delta T = 56m00s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'47, Lahiri = 6°11'47 Julian Calendar 1 March 732 == Greg. Calendar 5 March 732

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ASTRODIENST EPHEMERIS for the year 732
geocentric

APRIL 732 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 51 12	14♈37'14	29♈46	13♈12	8♓39	22♓45	0♊ 1	13♈24	2♑ 6	6♉23	8°R46	15°R53	14♍44	8♍11	21♒56	T 1
W 2	12 55 8	15°35'36	14♉14	15°20	9°51	23°31	0°13	13°31	2° 7	6°25	8♍45	15♍49	14°41	8°18	21°58	W 2
T 3	12 59 5	16°33'56	28°19	17°28	11° 2	24°17	0°24	13°39	2°R 7	6°27	8°43	15°44	14°38	8°25	22° 1	T 3
F 4	13 3 2	17°32'14	11♊57	19°36	12°13	25° 3	0°36	13°47	2° 6	6°30	8°42	15°40	14°35	8°31	22° 4	F 4
S 5	13 6 58	18°30'30	25° 9	21°45	13°25	25°49	0°48	13°54	2° 6	6°32	8°41	15°36	14°32	8°38	22° 6	S 5
S 6	13 10 55	19°28'44	7♋56	23°54	14°36	26°34	1° 0	14° 2	2° 6	6°34	8°40	15°34	14°28	8°45	22° 9	S 6
M 7	13 14 51	20°26'55	20°21	26° 3	15°48	27°20	1°12	14°10	2° 6	6°36	8°39	15°D34	14°25	8°51	22°11	M 7
T 8	13 18 48	21°25'05	2♌30	28°11	16°59	28° 6	1°24	14°17	2° 6	6°38	8°38	15°34	14°22	8°58	22°14	T 8
W 9	13 22 44	22°23'13	14°26	0♉18	18°11	28°52	1°36	14°25	2° 5	6°40	8°37	15°36	14°19	9° 4	22°16	W 9
T 10	13 26 41	23°21'18	26°15	2°24	19°22	29°37	1°48	14°33	2° 5	6°43	8°35	15°37	14°16	9°11	22°19	T 10
F 11	13 30 37	24°19'22	8♍ 2	4°29	20°34	0♈23	2° 0	14°40	2° 5	6°45	8°34	15°39	14°12	9°18	22°21	F 11
S 12	13 34 34	25°17'23	19°51	6°32	21°45	1° 8	2°12	14°48	2° 4	6°47	8°33	15°R39	14° 9	9°24	22°23	S 12
S 13	13 38 31	26°15'23	1♎45	8°33	22°57	1°54	2°25	14°55	2° 4	6°49	8°32	15°37	14° 6	9°31	22°26	S 13
M14	13 42 27	27°13'21	13°48	10°31	24° 9	2°39	2°37	15° 3	2° 3	6°51	8°31	15°34	14° 3	9°38	22°28	M14
T 15	13 46 24	28°11'17	26° 2	12°28	25°20	3°24	2°50	15°11	2° 3	6°54	8°31	15°29	14° 0	9°44	22°30	T 15
W16	13 50 20	29° 9'12	8♏27	14°21	26°32	4°10	3° 2	15°18	2° 2	6°56	8°30	15°22	13°57	9°51	22°32	W16
T 17	13 54 17	0♉ 7'05	21° 6	16°12	27°44	4°55	3°15	15°26	2° 1	6°58	8°29	15°15	13°53	9°58	22°34	T 17
F 18	13 58 13	1° 4'57	3♐57	18° 0	28°55	5°40	3°27	15°33	2° 1	7° 0	8°28	15° 7	13°50	10° 4	22°36	F 18
S 19	14 2 10	2° 2'47	17° 2	19°44	0♑ 7	6°25	3°40	15°41	2° 0	7° 3	8°27	14°59	13°47	10°11	22°38	S 19
S 20	14 6 6	3° 0'36	0♑19	21°26	1°19	7°10	3°53	15°48	1°59	7° 5	8°26	14°54	13°44	10°18	22°40	S 20
M21	14 10 3	3°58'24	13°49	23° 4	2°31	7°55	4° 5	15°56	1°58	7° 7	8°26	14°50	13°41	10°24	22°42	M21
T 22	14 14 0	4°56'11	27°32	24°38	3°43	8°40	4°18	16° 3	1°57	7° 9	8°25	14°48	13°38	10°31	22°44	T 22
W23	14 17 56	5°53'56	11♒29	26°10	4°55	9°25	4°31	16°11	1°56	7°12	8°24	14°D48	13°34	10°37	22°45	W23
T 24	14 21 53	6°51'40	25°38	27°37	6° 7	10°10	4°44	16°18	1°55	7°14	8°23	14°49	13°31	10°44	22°47	T 24
F 25	14 25 49	7°49'23	9♓58	29° 1	7°19	10°55	4°57	16°25	1°54	7°16	8°23	14°R49	13°28	10°51	22°49	F 25
S 26	14 29 46	8°47'05	24°28	0♊22	8°31	11°40	5°10	16°33	1°53	7°18	8°22	14°49	13°25	10°57	22°50	S 26
S 27	14 33 42	9°44'46	9♈ 4	1°38	9°43	12°25	5°23	16°40	1°52	7°21	8°21	14°47	13°22	11° 4	22°52	S 27
M28	14 37 39	10°42'26	23°40	2°51	10°55	13° 9	5°36	16°47	1°51	7°23	8°21	14°42	13°18	11°11	22°53	M28
T 29	14 41 35	11°40'04	8♉10	4° 1	12° 7	13°54	5°49	16°55	1°50	7°25	8°20	14°35	13°15	11°17	22°55	T 29
W30	14 45 32	12♉37'41	22♉27	5♊ 6	13♈19	14♈39	6♊ 2	17♈ 2	1♑48	7♉27	8♍20	14♍27	13♍12	11♍24	22♒56	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n48	8n 4	3s38	4n35	0s43	9s32	1s15	3s49	1s 1	19n54	0s24	3n13	2s17	23s52	0s17	12n 2	1s48	23n21	16n17	5n36	6n 3	8n 1	8s49	5n47
W 2	6 11	11 58	4 27	5 34	0 33	9 7	1 17	3 31	1 0	19 56	0 24	3 16	2 17	23 52	0 17	12 3	1 48	23 21	16 17	5 38	6 4	7 59	8 48	5 47
T 3	6 33	15 4	4 59	6 33	0 23	8 42	1 19	3 12	1 0	19 59	0 24	3 19	2 17	23 52	0 17	12 4	1 48	23 21	16 17	5 40	6 5	7 57	8 47	5 47
F 4	6 56	17 13	5 12	7 32	0 12	8 16	1 21	2 54	1 0	20 1	0 24	3 22	2 17	23 52	0 17	12 4	1 48	23 21	16 17	5 41	6 7	7 56	8 46	5 47
S 5	7 18	18 22	5 9	8 30	0 2	7 50	1 23	2 35	0 59	20 4	0 24	3 25	2 17	23 52	0 17	12 5	1 48	23 21	16 16	5 43	6 8	7 54	8 45	5 48
S 6	7 40	18 32	4 50	9 28	0n 9	7 24	1 25	2 16	0 59	20 7	0 24	3 28	2 17	23 52	0 17	12 6	1 48	23 22	16 16	5 43	6 9	7 52	8 44	5 48
M 7	8 2	17 48	4 17	10 26	0 20	6 58	1 27	1 58	0 59	20 9	0 24	3 31	2 17	23 52	0 17	12 6	1 48	23 22	16 16	5 44	6 10	7 50	8 43	5 48
T 8	8 24	16 16	3 34	11 22	0 30	6 32	1 28	1 39	0 59	20 12	0 23	3 34	2 17	23 52	0 17	12 7	1 48	23 22	16 15	5 44	6 12	7 49	8 42	5 48
W 9	8 46	14 1	2 42	12 18	0 41	6 5	1 30	1 21	0 58	20 14	0 23	3 37	2 17	23 52	0 17	12 8	1 48	23 22	16 15	5 43	6 13	7 47	8 41	5 49
T 10	9 8	11 13	1 44	13 12	0 52	5 38	1 31	1 2	0 58	20 17	0 23	3 40	2 17	23 52	0 17	12 9	1 48	23 22	16 15	5 42	6 14	7 45	8 40	5 49
F 11	9 29	7 58	0 41	14 4	1 2	5 11	1 33	0 44	0 58	20 20	0 23	3 43	2 17	23 53	0 17	12 9	1 48	23 22	16 14	5 42	6 15	7 44	8 39	5 49
S 12	9 51	4 24	0n23	14 55	1 12	4 44	1 34	0 25	0 57	20 22	0 23	3 46	2 17	23 53	0 17	12 10	1 48	23 22	16 14	5 42	6 17	7 42	8 38	5 49
S 13	10 12	0 37	1 27	15 44	1 21	4 16	1 35	0 7	0 57	20 25	0 23	3 49	2 17	23 53	0 18	12 11	1 48	23 22	16 14	5 42	6 18	7 40	8 37	5 50
M14	10 33	3s13	2 27	16 31	1 31	3 49	1 36	0n12	0 56	20 27	0 23	3 51	2 17	23 53	0 18	12 12	1 48	23 23	16 13	5 44	6 19	7 39	8 36	5 50
T 15	10 54	6 59	3 21	17 15	1 39	3 21	1 38	0 30	0 56	20 30	0 22	3 54	2 17	23 53	0 18	12 12	1 48	23 23	16 13	5 46	6 20	7 37	8 35	5 50
W16	11 15	10 31	4 7	17 58	1 47	2 54	1 38	0 49	0 56	20 33	0 22	3 57	2 17	23 53	0 18	12 13	1 48	23 23	16 13	5 48	6 21	7 35	8 34	5 51
T 17	11 35	13 37	4 42	18 38	1 55	2 26	1 39	1 7	0 55	20 35	0 22	4 0	2 17	23 53	0 18	12 14	1 48	23 23	16 12	5 51	6 23	7 33	8 33	5 51
F 18	11 56	16 8	5 2	19 15	2 1	1 58	1 40	1 26	0 55	20 38	0 22	4 3	2 18	23 53	0 18	12 15	1 48	23 23	16 12	5 54	6 24	7 32	8 32	5 51
S 19	12 16	17 51	5 8	19 50	2 8	1 30	1 41	1 44	0 55	20 40	0 22	4 6	2 18	23 53	0 18	12 15	1 48	23 23	16 12	5 57	6 25	7 30	8 31	5 51
S 20	12 36	18 39	4 57	20 23	2 13	1 1	1 42	2 2	0 54	20 43	0 22	4 9	2 18	23 53	0 18	12 16	1 48	23 23	16 11	5 59	6 26	7 28	8 30	5 52
M21	12 56	18 24	4 30	20 53	2 17	0 33	1 42	2 20	0 54	20 45	0 22	4 11	2 18	23 53	0 18	12 17	1 48	23 23	16 11	6 1	6 28	7 27	8 30	5 52
T 22	13 15	17 5	3 47	21 20	2 21	0 5	1 43	2 39	0 53	20 48	0 21	4 14	2 18	23 53	0 18	12 18	1 48	23 22	16 11	6 2	6 29	7 25	8 29	5 52
W23	13 35	14 44	2 50	21 45	2 24	0n23	1 43	2 57	0 53	20 50	0 21	4 17	2 18	23 53	0 18	12 18	1 48	23 22	16 10	6 2	6 30	7 23	8 28	5 53
T 24	13 54	11 28	1 42	22 8	2 26	0 52	1 43	3 15	0 53	20 53	0 21	4 20	2 18	23 53	0 18	12 19	1 48	23 22	16 10	6 1	6 31	7 22	8 27	5 53
F 25	14 13	7 29	0 26	22 28	2 28	1 20	1 44	3 33	0 52	20 55	0 21	4 23	2 18	23 53	0 18	12 20	1 48	23 22	16 9	6 1	6 33	7 20	8 26	5 53
S 26	14 31	3 0	0s52	22 46	2 28	1 48	1 44	3 51	0 52	20 58	0 21	4 25	2 18	23 53	0 18	12 20	1 48	23 22	16 9	6 1	6 34	7 18	8 25	5 54
S 27	14 50	1n41	2 7	23 2	2 28	2 17	1 44	4 9	0 51	21 0	0 21	4 28	2 18	23 53	0 18	12 21	1 48	23 22	16 9	6 2	6 35	7 16	8 25	5 54
M28	15 8	6 16	3 13	23 16	2 26	2 45	1 44	4 27	0 51	21 3	0 21	4 31	2 18	23 53	0 18	12 22	1 48	23 22	16 8	6 4	6 36	7 15	8 24	5 54
T 29	15 26	10 26	4 6	23 27	2 24	3 13	1 44	4 45	0 50	21 5	0 21	4 34	2 18	23 53	0 18	12 23	1 48	23 22	16 8	6 6	6 37	7 13	8 23	5 54
W30	15n44	13n56	4s43	23n36	2n21	3n42	1s44	5n 3	0s50	21n 7	0s20	4n36	2s18	23s53	0s18	12n23	1s48	23n21	16n 7	6n10	6n39	7n11	8s22	5n55

Julian Day Number = 1988511.5, Delta T = 55m59s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'51, Lahiri = 6°11'52 Julian Calendar 1 Apr. 732 == Greg. Calendar 5 Apr. 732

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ASTRODIENST EPHEMERIS for the year 732
geocentric

MAY 732 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 49 28	13♉35'17	6♊25	6♊ 7	14♈31	15♈23	6♊15	17♈ 9	1°R47	7♉30	8°R19	14°R17	13♍ 9	11♍31	22♒58	T 1
F 2	14 53 25	14°32'52	20° 1	7° 5	15°43	16° 8	6°28	17°16	1♋46	7°32	8♍19	14♍ 8	13° 6	11°37	22°59	F 2
S 3	14 57 22	15°30'25	3♋13	7°58	16°55	16°52	6°42	17°23	1°44	7°34	8°19	14° 0	13° 3	11°44	23° 0	S 3
S 4	15 1 18	16°27'57	16° 1	8°48	18° 7	17°36	6°55	17°30	1°43	7°36	8°18	13°54	12°59	11°51	23° 1	S 4
M 5	15 5 15	17°25'27	28°28	9°33	19°19	18°21	7° 8	17°38	1°41	7°39	8°18	13°50	12°56	11°57	23° 2	M 5
T 6	15 9 11	18°22'56	10♌37	10°14	20°31	19° 5	7°22	17°45	1°40	7°41	8°17	13°48	12°53	12° 4	23° 3	T 6
W 7	15 13 8	19°20'24	22°34	10°50	21°44	19°49	7°35	17°52	1°38	7°43	8°17	13°D48	12°50	12°11	23° 4	W 7
T 8	15 17 4	20°17'50	4♍24	11°22	22°56	20°33	7°48	17°58	1°37	7°45	8°17	13°48	12°47	12°17	23° 5	T 8
F 9	15 21 1	21°15'15	16°12	11°50	24° 8	21°17	8° 2	18° 5	1°35	7°47	8°17	13°R48	12°43	12°24	23° 6	F 9
S 10	15 24 58	22°12'39	28° 3	12°13	25°20	22° 1	8°15	18°12	1°33	7°50	8°16	13°47	12°40	12°30	23° 7	S 10
S 11	15 28 54	23°10'01	10♎ 2	12°32	26°33	22°45	8°29	18°19	1°32	7°52	8°16	13°44	12°37	12°37	23° 8	S 11
M12	15 32 51	24° 7'23	22°13	12°45	27°45	23°29	8°42	18°26	1°30	7°54	8°16	13°39	12°34	12°44	23° 8	M12
T 13	15 36 47	25° 4'43	4♏39	12°55	28°57	24°13	8°56	18°33	1°28	7°56	8°16	13°31	12°31	12°50	23° 9	T 13
W14	15 40 44	26° 2'03	17°20	12°59	0♑10	24°57	9° 9	18°39	1°26	7°58	8°16	13°21	12°28	12°57	23°10	W14
T 15	15 44 40	26°59'21	0♐18	12°R59	1°22	25°41	9°23	18°46	1°25	8° 0	8°16	13° 9	12°24	13° 4	23°10	T 15
F 16	15 48 37	27°56'39	13°32	12°55	2°34	26°24	9°36	18°52	1°23	8° 3	8°D16	12°58	12°21	13°10	23°11	F 16
S 17	15 52 33	28°53'56	26°59	12°46	3°47	27° 8	9°50	18°59	1°21	8° 5	8°16	12°47	12°18	13°17	23°11	S 17
S 18	15 56 30	29°51'12	10♑37	12°33	4°59	27°51	10° 3	19° 5	1°19	8° 7	8°16	12°37	12°15	13°24	23°11	S 18
M19	16 0 27	0♊48'28	24°25	12°17	6°11	28°35	10°17	19°12	1°17	8° 9	8°16	12°31	12°12	13°30	23°12	M19
T 20	16 4 23	1°45'44	8♒20	11°56	7°24	29°18	10°31	19°18	1°15	8°11	8°16	12°27	12° 9	13°37	23°12	T 20
W21	16 8 20	2°42'59	22°21	11°32	8°36	0♉ 2	10°44	19°25	1°13	8°13	8°16	12°25	12° 5	13°44	23°12	W21
T 22	16 12 16	3°40'14	6♓26	11° 5	9°49	0°45	10°58	19°31	1°11	8°15	8°17	12°25	12° 2	13°50	23°12	T 22
F 23	16 16 13	4°37'28	20°35	10°36	11° 1	1°28	11°11	19°37	1° 9	8°17	8°17	12°25	11°59	13°57	23°12	F 23
S 24	16 20 9	5°34'42	4♈47	10° 5	12°14	2°12	11°25	19°43	1° 7	8°19	8°17	12°24	11°56	14° 3	23°R12	S 24
S 25	16 24 6	6°31'56	19° 0	9°32	13°27	2°55	11°39	19°49	1° 5	8°21	8°17	12°21	11°53	14°10	23°12	S 25
M26	16 28 2	7°29'09	3♉11	8°58	14°39	3°38	11°52	19°56	1° 2	8°24	8°18	12°14	11°49	14°17	23°12	M26
T 27	16 31 59	8°26'22	17°16	8°24	15°52	4°21	12° 6	20° 2	1° 0	8°26	8°18	12° 6	11°46	14°23	23°12	T 27
W28	16 35 56	9°23'35	1♊11	7°50	17° 5	5° 4	12°20	20° 7	0°58	8°28	8°18	11°55	11°43	14°30	23°12	W28
T 29	16 39 52	10°20'48	14°52	7°16	18°17	5°47	12°33	20°13	0°56	8°30	8°19	11°42	11°40	14°37	23°11	T 29
F 30	16 43 49	11°18'00	28°14	6°44	19°30	6°30	12°47	20°19	0°54	8°31	8°19	11°30	11°37	14°43	23°11	F 30
S 31	16 47 45	12♊15'12	11♋17	6♊14	20♉43	7♉12	13♊ 1	20♈25	0♋51	8♉33	8♍20	11♍20	11♍34	14♍50	23♒11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n 1	16n34	5s 2	23n43	2n17	4n10	1s44	5n20	0s49	21n10	0s20	4n39	2s19	23s53	0s18	12n24	1s48	23n21	16n 7	6n13	6n40	7n 9	8s22	5n55
F 2	16 19	18 11	5 3	23 48	2 12	4 38	1 43	5 38	0 49	21 12	0 20	4 42	2 19	23 53	0 18	12 25	1 48	23 21	16 6	6 17	6 41	7 8	8 21	5 55
S 3	16 36	18 46	4 48	23 52	2 6	5 6	1 43	5 55	0 49	21 15	0 20	4 44	2 19	23 53	0 18	12 26	1 48	23 21	16 6	6 20	6 42	7 6	8 20	5 56
S 4	16 52	18 21	4 19	23 53	1 59	5 34	1 43	6 13	0 48	21 17	0 20	4 47	2 19	23 53	0 18	12 26	1 48	23 21	16 6	6 23	6 44	7 4	8 20	5 56
M 5	17 9	17 3	3 38	23 52	1 52	6 2	1 42	6 30	0 48	21 19	0 20	4 49	2 19	23 53	0 18	12 27	1 48	23 20	16 5	6 24	6 45	7 3	8 19	5 56
T 6	17 25	15 0	2 48	23 50	1 43	6 30	1 42	6 48	0 47	21 22	0 20	4 52	2 19	23 53	0 18	12 28	1 48	23 20	16 5	6 25	6 46	7 1	8 18	5 57
W 7	17 41	12 20	1 51	23 46	1 34	6 58	1 41	7 5	0 47	21 24	0 20	4 55	2 19	23 53	0 18	12 28	1 48	23 20	16 4	6 25	6 47	6 59	8 18	5 57
T 8	17 56	9 11	0 50	23 40	1 24	7 25	1 40	7 22	0 46	21 26	0 20	4 57	2 19	23 53	0 18	12 29	1 48	23 19	16 4	6 25	6 48	6 57	8 17	5 57
F 9	18 12	5 41	0n13	23 33	1 12	7 53	1 39	7 39	0 46	21 28	0 19	5 0	2 19	23 54	0 18	12 30	1 48	23 19	16 3	6 25	6 50	6 56	8 16	5 58
S 10	18 27	1 56	1 15	23 24	1 0	8 20	1 39	7 56	0 45	21 31	0 19	5 2	2 19	23 54	0 18	12 31	1 48	23 19	16 3	6 25	6 51	6 54	8 16	5 58
S 11	18 41	1s56	2 15	23 14	0 48	8 47	1 38	8 13	0 45	21 33	0 19	5 5	2 20	23 54	0 18	12 31	1 48	23 18	16 2	6 26	6 52	6 52	8 15	5 58
M12	18 56	5 47	3 9	23 3	0 34	9 14	1 37	8 30	0 44	21 35	0 19	5 7	2 20	23 54	0 18	12 32	1 48	23 18	16 2	6 28	6 53	6 50	8 15	5 59
T 13	19 10	9 27	3 56	22 50	0 20	9 41	1 36	8 47	0 44	21 37	0 19	5 10	2 20	23 54	0 18	12 33	1 48	23 18	16 2	6 31	6 55	6 49	8 14	5 59
W14	19 24	12 47	4 32	22 35	0 5	10 8	1 35	9 3	0 43	21 40	0 19	5 12	2 20	23 54	0 18	12 33	1 48	23 17	16 1	6 35	6 56	6 47	8 14	5 59
T 15	19 37	15 33	4 54	22 20	0s11	10 34	1 33	9 20	0 42	21 42	0 19	5 14	2 20	23 54	0 18	12 34	1 48	23 17	16 1	6 40	6 57	6 45	8 13	6 0
F 16	19 50	17 35	5 2	22 4	0 27	11 0	1 32	9 36	0 42	21 44	0 19	5 17	2 20	23 54	0 18	12 35	1 48	23 16	16 0	6 44	6 58	6 43	8 13	6 0
S 17	20 3	18 41	4 53	21 46	0 43	11 26	1 31	9 53	0 41	21 46	0 19	5 19	2 20	23 54	0 18	12 35	1 48	23 16	16 0	6 49	6 59	6 42	8 12	6 0
S 18	20 15	18 44	4 27	21 28	1 0	11 52	1 30	10 9	0 41	21 48	0 18	5 21	2 21	23 54	0 18	12 36	1 48	23 16	15 59	6 52	7 1	6 40	8 12	6 1
M19	20 27	17 41	3 45	21 9	1 17	12 17	1 28	10 25	0 40	21 50	0 18	5 24	2 21	23 54	0 18	12 37	1 48	23 15	15 59	6 55	7 2	6 38	8 11	6 1
T 20	20 39	15 34	2 50	20 49	1 34	12 43	1 27	10 41	0 40	21 52	0 18	5 26	2 21	23 54	0 18	12 37	1 48	23 15	15 58	6 56	7 3	6 36	8 11	6 1
W21	20 51	12 31	1 44	20 29	1 51	13 7	1 25	10 57	0 39	21 54	0 18	5 28	2 21	23 54	0 18	12 38	1 48	23 14	15 58	6 57	7 4	6 35	8 11	6 2
T 22	21 2	8 43	0 32	20 9	2 8	13 32	1 24	11 13	0 39	21 56	0 18	5 31	2 21	23 54	0 18	12 39	1 48	23 14	15 57	6 57	7 6	6 33	8 10	6 2
F 23	21 12	4 25	0s43	19 49	2 24	13 56	1 22	11 28	0 38	21 58	0 18	5 33	2 21	23 54	0 18	12 39	1 48	23 13	15 57	6 57	7 7	6 31	8 10	6 2
S 24	21 23	0n 9	1 55	19 29	2 40	14 20	1 20	11 44	0 37	22 0	0 18	5 35	2 21	23 54	0 18	12 40	1 48	23 13	15 57	6 57	7 8	6 29	8 10	6 3
S 25	21 33	4 42	3 1	19 9	2 55	14 44	1 19	11 59	0 37	22 2	0 18	5 37	2 22	23 54	0 18	12 41	1 48	23 12	15 56	6 59	7 9	6 28	8 9	6 3
M26	21 42	8 59	3 54	18 50	3 9	15 7	1 17	12 15	0 36	22 4	0 18	5 39	2 22	23 54	0 18	12 41	1 48	23 12	15 56	7 1	7 10	6 26	8 9	6 3
T 27	21 52	12 44	4 33	18 31	3 23	15 30	1 15	12 30	0 36	22 6	0 18	5 41	2 22	23 54	0 18	12 42	1 48	23 11	15 55	7 4	7 12	6 24	8 9	6 4
W28	22 0	15 43	4 56	18 14	3 35	15 53	1 13	12 45	0 35	22 8	0 17	5 43	2 22	23 54	0 18	12 42	1 48	23 10	15 55	7 8	7 13	6 22	8 9	6 4
T 29	22 9	17 46	5 0	17 57	3 46	16 15	1 11	13 0	0 34	22 10	0 17	5 46	2 22	23 54	0 18	12 43	1 48	23 10	15 54	7 13	7 14	6 21	8 8	6 4
F 30	22 17	18 47	4 48	17 42	3 56	16 37	1 9	13 15	0 34	22 12	0 17	5 48	2 22	23 54	0 18	12 44	1 49	23 9	15 54	7 18	7 15	6 19	8 8	6 5
S 31	22n25	18n47	4s21	17n29	4s 4	16n58	1s 7	13n29	0s33	22n14	0s17	5n50	2s23	23s54	0s18	12n44	1s49	23n 9	15n53	7n22	7n17	6n17	8s 8	6n 5

Julian Day Number = 1988541.5, Delta T = 55m58s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°04'55, Lahiri = 6°11'56 Julian Calendar 1 May 732 == Greg. Calendar 5 May 732

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ASTRODIENST EPHEMERIS for the year 732
geocentric

JUNE 732 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 51 42	13♊12'24	24♋ 0	5°R47	21♉55	7♉55	13♊15	20♈31	0°R49	8♉35	8♍20	11°R11	11♍30	14♍57	23°R10	S 1
M 2	16 55 38	14° 9'34	6♌24	5♊22	23° 8	8°38	13°28	20°36	0♉47	8°37	8°21	11♍ 5	11°27	15° 3	23♒10	M 2
T 3	16 59 35	15° 6'45	18°32	5° 0	24°21	9°20	13°42	20°42	0°45	8°39	8°21	11° 1	11°24	15°10	23° 9	T 3
W 4	17 3 31	16° 3'55	0♍29	4°43	25°34	10° 3	13°56	20°47	0°42	8°41	8°22	11° 0	11°21	15°17	23° 9	W 4
T 5	17 7 28	17° 1'04	12°19	4°29	26°46	10°45	14° 9	20°53	0°40	8°43	8°23	11° 0	11°18	15°23	23° 8	T 5
F 6	17 11 25	17°58'13	24° 8	4°19	27°59	11°28	14°23	20°58	0°38	8°45	8°23	11° 0	11°15	15°30	23° 7	F 6
S 7	17 15 21	18°55'22	6♎ 0	4°14	29°12	12°10	14°37	21° 3	0°35	8°47	8°24	10°59	11°11	15°37	23° 6	S 7
S 8	17 19 18	19°52'30	18° 2	4°D14	0♏25	12°52	14°50	21° 9	0°33	8°48	8°25	10°56	11° 8	15°43	23° 5	S 8
M 9	17 23 14	20°49'38	0♏18	4°18	1°38	13°35	15° 4	21°14	0°31	8°50	8°25	10°51	11° 5	15°50	23° 5	M 9
T 10	17 27 11	21°46'46	12°52	4°28	2°51	14°17	15°17	21°19	0°28	8°52	8°26	10°43	11° 2	15°56	23° 4	T 10
W11	17 31 7	22°43'54	25°46	4°42	4° 4	14°59	15°31	21°24	0°26	8°54	8°27	10°34	10°59	16° 3	23° 3	W11
T 12	17 35 4	23°41'01	9♐ 1	5° 1	5°17	15°41	15°45	21°29	0°23	8°55	8°28	10°22	10°55	16°10	23° 2	T 12
F 13	17 39 0	24°38'09	22°35	5°26	6°30	16°23	15°58	21°34	0°21	8°57	8°29	10°11	10°52	16°16	23° 0	F 13
S 14	17 42 57	25°35'17	6♑26	5°55	7°43	17° 5	16°12	21°38	0°19	8°59	8°30	10° 0	10°49	16°23	22°59	S 14
S 15	17 46 54	26°32'25	20°29	6°30	8°56	17°46	16°25	21°43	0°16	9° 0	8°31	9°51	10°46	16°30	22°58	S 15
M16	17 50 50	27°29'33	4♒41	7° 9	10° 9	18°28	16°39	21°48	0°14	9° 2	8°32	9°45	10°43	16°36	22°57	M16
T 17	17 54 47	28°26'42	18°57	7°53	11°22	19°10	16°52	21°52	0°11	9° 4	8°33	9°41	10°40	16°43	22°55	T 17
W18	17 58 43	29°23'51	3♓12	8°43	12°35	19°51	17° 6	21°57	0° 9	9° 5	8°34	9°39	10°36	16°50	22°54	W18
T 19	18 2 40	0♋21'01	17°26	9°37	13°48	20°33	17°19	22° 1	0° 7	9° 7	8°35	9°D39	10°33	16°56	22°53	T 19
F 20	18 6 36	1°18'11	1♈34	10°36	15° 1	21°15	17°33	22° 5	0° 4	9° 8	8°36	9°R40	10°30	17° 3	22°51	F 20
S 21	18 10 33	2°15'22	15°38	11°39	16°15	21°56	17°46	22°10	0° 2	9°10	8°37	9°39	10°27	17°10	22°50	S 21
S 22	18 14 29	3°12'33	29°35	12°47	17°28	22°37	18° 0	22°14	29♐59	9°11	8°38	9°36	10°24	17°16	22°48	S 22
M23	18 18 26	4° 9'46	13♉25	14° 0	18°41	23°19	18°13	22°18	29°57	9°13	8°39	9°31	10°21	17°23	22°46	M23
T 24	18 22 23	5° 6'59	27° 5	15°17	19°55	24° 0	18°26	22°22	29°54	9°14	8°40	9°24	10°17	17°30	22°45	T 24
W25	18 26 19	6° 4'13	10♊35	16°39	21° 8	24°41	18°40	22°26	29°52	9°16	8°42	9°15	10°14	17°36	22°43	W25
T 26	18 30 16	7° 1'27	23°52	18° 4	22°21	25°22	18°53	22°29	29°50	9°17	8°43	9° 4	10°11	17°43	22°41	T 26
F 27	18 34 12	7°58'42	6♋55	19°34	23°35	26° 3	19° 6	22°33	29°47	9°19	8°44	8°54	10° 8	17°49	22°39	F 27
S 28	18 38 9	8°55'58	19°42	21° 9	24°48	26°44	19°20	22°37	29°45	9°20	8°46	8°45	10° 5	17°56	22°37	S 28
S 29	18 42 5	9°53'14	2♌13	22°47	26° 1	27°25	19°33	22°40	29°43	9°21	8°47	8°37	10° 1	18° 3	22°36	S 29
M30	18 46 2	10♋50'30	14♌30	24♊28	27♊15	28♉ 6	19♊46	22♈44	29♐40	9♉23	8♍48	8♍32	9♍58	18♍ 9	22♒34	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n32	17n49	3s42	17n17	4s12	17n19	1s 5	13n44	0s33	22n16	0s17	5n52	2s23	23s54	0s18	12n45	1s49	23n 8	15n53	7n25	7n18	6n15	8s 8	6n 5
M 2	22 39	16 1	2 52	17 7	4 17	17 40	1 3	13 58	0 32	22 17	0 17	5 54	2 23	23 54	0 18	12 45	1 49	23 7	15 52	7 27	7 19	6 13	8 8	6 6
T 3	22 46	13 32	1 56	16 59	4 21	18 0	1 1	14 12	0 31	22 19	0 17	5 55	2 23	23 54	0 18	12 46	1 49	23 7	15 52	7 29	7 20	6 12	8 8	6 6
W 4	22 52	10 31	0 56	16 53	4 24	18 20	0 59	14 26	0 31	22 21	0 17	5 57	2 23	23 54	0 19	12 47	1 49	23 6	15 51	7 29	7 21	6 10	8 8	6 6
T 5	22 58	7 6	0n 7	16 50	4 26	18 39	0 57	14 40	0 30	22 23	0 17	5 59	2 24	23 54	0 19	12 47	1 49	23 5	15 51	7 29	7 23	6 8	8 7	6 7
F 6	23 3	3 24	1 9	16 48	4 26	18 58	0 54	14 54	0 30	22 24	0 17	6 1	2 24	23 54	0 19	12 48	1 49	23 5	15 51	7 29	7 24	6 6	8 7	6 7
S 7	23 8	0s26	2 9	16 48	4 24	19 16	0 52	15 8	0 29	22 26	0 16	6 3	2 24	23 54	0 19	12 48	1 49	23 4	15 50	7 30	7 25	6 5	8 7	6 7
S 8	23 13	4 18	3 3	16 51	4 22	19 34	0 50	15 21	0 28	22 28	0 16	6 5	2 24	23 55	0 19	12 49	1 49	23 3	15 50	7 31	7 26	6 3	8 7	6 7
M 9	23 17	8 4	3 50	16 55	4 18	19 51	0 48	15 35	0 28	22 29	0 16	6 6	2 24	23 55	0 19	12 49	1 49	23 3	15 49	7 33	7 27	6 1	8 7	6 8
T 10	23 21	11 34	4 27	17 2	4 13	20 8	0 45	15 48	0 27	22 31	0 16	6 8	2 25	23 55	0 19	12 50	1 49	23 2	15 49	7 36	7 29	5 59	8 7	6 8
W11	23 24	14 36	4 52	17 10	4 7	20 24	0 43	16 1	0 26	22 32	0 16	6 10	2 25	23 55	0 19	12 50	1 49	23 1	15 48	7 39	7 30	5 57	8 7	6 8
T 12	23 27	16 59	5 1	17 20	4 0	20 40	0 41	16 14	0 26	22 34	0 16	6 11	2 25	23 55	0 19	12 51	1 49	23 1	15 48	7 44	7 31	5 56	8 7	6 9
F 13	23 29	18 29	4 55	17 32	3 53	20 55	0 38	16 27	0 25	22 36	0 16	6 13	2 25	23 55	0 19	12 51	1 49	23 0	15 47	7 48	7 32	5 54	8 8	6 9
S 14	23 32	18 56	4 31	17 46	3 44	21 9	0 36	16 40	0 24	22 37	0 16	6 15	2 25	23 55	0 19	12 52	1 49	22 59	15 47	7 52	7 34	5 52	8 8	6 9
S 15	23 33	18 14	3 50	18 1	3 35	21 23	0 33	16 52	0 24	22 39	0 16	6 16	2 26	23 55	0 19	12 52	1 49	22 58	15 47	7 56	7 35	5 50	8 8	6 10
M16	23 35	16 24	2 54	18 17	3 25	21 37	0 31	17 4	0 23	22 40	0 16	6 18	2 26	23 55	0 19	12 53	1 49	22 58	15 46	7 58	7 36	5 49	8 8	6 10
T 17	23 35	13 32	1 48	18 35	3 14	21 50	0 28	17 16	0 22	22 41	0 15	6 19	2 26	23 55	0 19	12 53	1 49	22 57	15 46	7 59	7 37	5 47	8 8	6 10
W18	23 36	9 52	0 34	18 54	3 3	22 2	0 26	17 28	0 22	22 43	0 15	6 21	2 26	23 55	0 19	12 54	1 49	22 56	15 45	8 0	7 38	5 45	8 8	6 10
T 19	23 36	5 38	0s41	19 14	2 51	22 13	0 23	17 40	0 21	22 44	0 15	6 22	2 27	23 55	0 19	12 54	1 49	22 55	15 45	8 0	7 40	5 43	8 8	6 11
F 20	23 36	1 7	1 54	19 34	2 39	22 24	0 21	17 52	0 20	22 46	0 15	6 23	2 27	23 55	0 19	12 55	1 49	22 54	15 44	8 0	7 41	5 41	8 9	6 11
S 21	23 35	3n26	2 59	19 55	2 26	22 35	0 19	18 3	0 20	22 47	0 15	6 25	2 27	23 55	0 19	12 55	1 49	22 54	15 44	8 0	7 42	5 40	8 9	6 11
S 22	23 34	7 46	3 53	20 17	2 13	22 44	0 16	18 15	0 19	22 48	0 15	6 26	2 27	23 55	0 19	12 56	1 49	22 53	15 44	8 1	7 43	5 38	8 9	6 11
M23	23 32	11 38	4 33	20 39	2 0	22 53	0 14	18 26	0 18	22 50	0 15	6 27	2 27	23 55	0 19	12 56	1 49	22 52	15 43	8 3	7 44	5 36	8 9	6 12
T 24	23 30	14 49	4 57	21 1	1 47	23 2	0 11	18 37	0 17	22 51	0 15	6 29	2 28	23 55	0 19	12 56	1 50	22 51	15 43	8 6	7 46	5 34	8 10	6 12
W25	23 28	17 10	5 4	21 23	1 33	23 10	0 9	18 48	0 17	22 52	0 15	6 30	2 28	23 55	0 19	12 57	1 50	22 50	15 42	8 9	7 47	5 32	8 10	6 12
T 26	23 25	18 34	4 54	21 44	1 20	23 17	0 6	18 58	0 16	22 53	0 15	6 31	2 28	23 55	0 19	12 57	1 50	22 49	15 42	8 13	7 48	5 31	8 10	6 12
F 27	23 21	18 57	4 29	22 5	1 6	23 23	0 4	19 9	0 15	22 54	0 15	6 32	2 28	23 55	0 19	12 58	1 50	22 49	15 42	8 17	7 49	5 29	8 11	6 13
S 28	23 18	18 21	3 50	22 25	0 53	23 29	0 1	19 19	0 15	22 56	0 15	6 33	2 29	23 55	0 19	12 58	1 50	22 48	15 41	8 21	7 50	5 27	8 11	6 13
S 29	23 14	16 51	3 2	22 44	0 40	23 34	0n 1	19 29	0 14	22 57	0 14	6 34	2 29	23 55	0 19	12 58	1 50	22 47	15 41	8 24	7 52	5 25	8 12	6 13
M30	23n 9	14n36	2s 5	23n 2	0s27	23n38	0n 4	19n39	0s13	22n58	0s14	6n35	2s29	23s55	0s19	12n59	1s50	22n46	15n41	8n25	7n53	5n23	8s12	6n13

Julian Day Number = 1988572.5, Delta T = 55m58s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'00, Lahiri = 6°12'00 Julian Calendar 1 June 732 == Greg. Calendar 5 June 732

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ASTRODIENST EPHEMERIS for the year 732
geocentric

JULY 732 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 49 58	11♋47'47	26♌33	26♊14	28♊28	28♉46	19♊59	22♈47	29°R38	9♉24	8♍50	8°R29	9♍55	18♍16	22°R32	T 1
W 2	18 53 55	12°45'05	8♍27	28° 2	29°42	29°27	20°12	22°50	29♐35	9°25	8°51	8°D28	9°52	18°23	22♒30	W 2
T 3	18 57 52	13°42'23	20°16	29°54	0♋55	0♊ 8	20°25	22°53	29°33	9°26	8°53	8♍29	9°49	18°29	22°27	T 3
F 4	19 1 48	14°39'42	2♎ 4	1♋49	2° 9	0°48	20°38	22°56	29°31	9°27	8°54	8°30	9°46	18°36	22°25	F 4
S 5	19 5 45	15°37'01	13°57	3°46	3°23	1°29	20°51	22°59	29°29	9°29	8°55	8°R31	9°42	18°43	22°23	S 5
S 6	19 9 41	16°34'20	25°59	5°45	4°36	2° 9	21° 4	23° 2	29°26	9°30	8°57	8°30	9°39	18°49	22°21	S 6
M 7	19 13 38	17°31'41	8♏16	7°46	5°50	2°49	21°17	23° 5	29°24	9°31	8°59	8°28	9°36	18°56	22°19	M 7
T 8	19 17 34	18°29'02	20°52	9°48	7° 3	3°30	21°30	23° 8	29°22	9°32	9° 0	8°24	9°33	19° 3	22°16	T 8
W 9	19 21 31	19°26'23	3♐51	11°52	8°17	4°10	21°43	23°10	29°19	9°33	9° 2	8°18	9°30	19° 9	22°14	W 9
T 10	19 25 27	20°23'46	17°15	13°56	9°31	4°50	21°56	23°13	29°17	9°34	9° 3	8°11	9°27	19°16	22°12	T 10
F 11	19 29 24	21°21'09	1♑ 2	16° 1	10°44	5°30	22° 8	23°15	29°15	9°35	9° 5	8° 3	9°23	19°23	22° 9	F 11
S 12	19 33 21	22°18'33	15°11	18° 6	11°58	6°10	22°21	23°17	29°13	9°36	9° 7	7°56	9°20	19°29	22° 7	S 12
S 13	19 37 17	23°15'58	29°37	20°11	13°12	6°50	22°34	23°20	29°11	9°37	9° 8	7°50	9°17	19°36	22° 5	S 13
M14	19 41 14	24°13'25	14♒13	22°16	14°26	7°30	22°46	23°22	29° 9	9°38	9°10	7°46	9°14	19°42	22° 2	M14
T 15	19 45 10	25°10'52	28°53	24°20	15°40	8° 9	22°59	23°24	29° 7	9°38	9°12	7°44	9°11	19°49	22° 0	T 15
W16	19 49 7	26° 8'21	13♓31	26°24	16°54	8°49	23°11	23°26	29° 4	9°39	9°13	7°D44	9° 7	19°56	21°57	W16
T 17	19 53 3	27° 5'51	28° 2	28°26	18° 7	9°29	23°24	23°27	29° 2	9°40	9°15	7°45	9° 4	20° 2	21°54	T 17
F 18	19 57 0	28° 3'22	12♈21	0♌28	19°21	10° 8	23°36	23°29	29° 0	9°41	9°17	7°46	9° 1	20° 9	21°52	F 18
S 19	20 0 56	29° 0'55	26°27	2°28	20°35	10°47	23°48	23°31	28°58	9°42	9°19	7°R47	8°58	20°16	21°49	S 19
S 20	20 4 53	29°58'30	10♉19	4°28	21°49	11°27	24° 1	23°32	28°56	9°42	9°21	7°47	8°55	20°22	21°47	S 20
M21	20 8 50	0♌56'06	23°56	6°25	23° 3	12° 6	24°13	23°34	28°55	9°43	9°22	7°45	8°52	20°29	21°44	M21
T 22	20 12 46	1°53'44	7♊19	8°22	24°17	12°45	24°25	23°35	28°53	9°44	9°24	7°41	8°48	20°36	21°41	T 22
W23	20 16 43	2°51'23	20°27	10°17	25°31	13°25	24°37	23°36	28°51	9°44	9°26	7°36	8°45	20°42	21°38	W23
T 24	20 20 39	3°49'04	3♋22	12°11	26°46	14° 4	24°49	23°37	28°49	9°45	9°28	7°31	8°42	20°49	21°36	T 24
F 25	20 24 36	4°46'46	16° 4	14° 4	28° 0	14°43	25° 1	23°38	28°47	9°45	9°30	7°25	8°39	20°56	21°33	F 25
S 26	20 28 32	5°44'30	28°32	15°55	29°14	15°21	25°13	23°39	28°45	9°46	9°32	7°20	8°36	21° 2	21°30	S 26
S 27	20 32 29	6°42'15	10♌49	17°44	0♌28	16° 0	25°25	23°40	28°44	9°46	9°34	7°16	8°32	21° 9	21°27	S 27
M28	20 36 25	7°40'02	22°55	19°32	1°42	16°39	25°36	23°40	28°42	9°47	9°36	7°14	8°29	21°16	21°25	M28
T 29	20 40 22	8°37'50	4♍52	21°19	2°56	17°18	25°48	23°41	28°40	9°47	9°38	7°D13	8°26	21°22	21°22	T 29
W30	20 44 19	9°35'39	16°43	23° 5	4°11	17°56	26° 0	23°41	28°39	9°47	9°40	7°13	8°23	21°29	21°19	W30
T 31	20 48 15	10♌33'30	28♍30	24♌49	5♌25	18♊35	26♊11	23♈41	28♐37	9♉48	9♍42	7♍15	8♍20	21♍35	21♒16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 4	11n45	1s 4	23n19	0s14	23n42	0n 6	19n49	0s12	22n59	0s14	6n36	2s29	23s55	0s19	12n59	1s50	22n45	15n40	8n27	7n54	5n22	8s12	6n14
W 2	22 59	8 27	0 0	23 33	0 2	23 45	0 9	19 59	0 12	23 0	0 14	6 37	2 30	23 55	0 19	12 59	1 50	22 44	15 40	8 27	7 55	5 20	8 13	6 14
T 3	22 53	4 51	1n 3	23 46	0n10	23 47	0 11	20 8	0 11	23 1	0 14	6 38	2 30	23 55	0 19	13 0	1 50	22 43	15 39	8 27	7 56	5 18	8 13	6 14
F 4	22 47	1 4	2 4	23 57	0 22	23 49	0 14	20 17	0 10	23 2	0 14	6 39	2 30	23 55	0 19	13 0	1 50	22 42	15 39	8 26	7 58	5 16	8 14	6 14
S 5	22 41	2s47	2 59	24 5	0 32	23 49	0 16	20 26	0 9	23 3	0 14	6 40	2 30	23 55	0 19	13 0	1 50	22 41	15 39	8 26	7 59	5 14	8 14	6 14
S 6	22 34	6 34	3 48	24 11	0 43	23 50	0 18	20 35	0 9	23 4	0 14	6 41	2 31	23 55	0 19	13 1	1 50	22 41	15 38	8 26	8 0	5 12	8 15	6 15
M 7	22 27	10 9	4 27	24 14	0 52	23 49	0 21	20 44	0 8	23 5	0 14	6 42	2 31	23 55	0 19	13 1	1 50	22 40	15 38	8 27	8 1	5 11	8 15	6 15
T 8	22 19	13 22	4 54	24 15	1 1	23 48	0 23	20 53	0 7	23 6	0 14	6 43	2 31	23 55	0 19	13 1	1 50	22 39	15 38	8 29	8 3	5 9	8 16	6 15
W 9	22 11	16 2	5 7	24 13	1 9	23 46	0 25	21 1	0 6	23 7	0 14	6 43	2 31	23 55	0 19	13 2	1 50	22 38	15 37	8 31	8 4	5 7	8 16	6 15
T 10	22 2	17 56	5 4	24 8	1 16	23 43	0 28	21 9	0 6	23 8	0 13	6 44	2 32	23 55	0 19	13 2	1 50	22 37	15 37	8 33	8 5	5 5	8 17	6 15
F 11	21 54	18 52	4 44	24 0	1 23	23 40	0 30	21 17	0 5	23 9	0 13	6 45	2 32	23 55	0 19	13 2	1 50	22 36	15 37	8 36	8 6	5 3	8 18	6 16
S 12	21 44	18 39	4 6	23 50	1 28	23 36	0 32	21 25	0 4	23 9	0 13	6 45	2 32	23 55	0 19	13 2	1 50	22 35	15 36	8 39	8 7	5 1	8 18	6 16
S 13	21 35	17 15	3 12	23 37	1 33	23 31	0 34	21 32	0 3	23 10	0 13	6 46	2 33	23 55	0 19	13 3	1 51	22 34	15 36	8 41	8 9	5 0	8 19	6 16
M14	21 25	14 42	2 4	23 21	1 38	23 25	0 37	21 40	0 3	23 11	0 13	6 46	2 33	23 55	0 19	13 3	1 51	22 33	15 36	8 43	8 10	4 58	8 19	6 16
T 15	21 15	11 11	0 48	23 3	1 41	23 19	0 39	21 47	0 2	23 12	0 13	6 47	2 33	23 55	0 19	13 3	1 51	22 32	15 36	8 43	8 11	4 56	8 20	6 16
W16	21 4	7 0	0s31	22 42	1 43	23 12	0 41	21 54	0 1	23 12	0 13	6 47	2 33	23 55	0 19	13 3	1 51	22 31	15 35	8 43	8 12	4 54	8 21	6 16
T 17	20 53	2 26	1 48	22 20	1 45	23 4	0 43	22 1	0 0	23 13	0 13	6 48	2 34	23 55	0 19	13 3	1 51	22 30	15 35	8 43	8 13	4 52	8 21	6 17
F 18	20 41	2n12	2 57	21 55	1 46	22 56	0 45	22 8	0n 1	23 14	0 13	6 48	2 34	23 55	0 19	13 4	1 51	22 29	15 35	8 43	8 15	4 51	8 22	6 17
S 19	20 30	6 38	3 54	21 29	1 47	22 47	0 47	22 14	0 1	23 15	0 13	6 48	2 34	23 55	0 19	13 4	1 51	22 28	15 34	8 42	8 16	4 49	8 23	6 17
S 20	20 18	10 38	4 37	21 0	1 47	22 37	0 49	22 20	0 2	23 15	0 13	6 49	2 34	23 55	0 19	13 4	1 51	22 27	15 34	8 42	8 17	4 47	8 24	6 17
M21	20 5	14 0	5 3	20 30	1 46	22 27	0 51	22 27	0 3	23 16	0 13	6 49	2 35	23 55	0 19	13 4	1 51	22 27	15 34	8 43	8 18	4 45	8 24	6 17
T 22	19 52	16 33	5 12	19 59	1 45	22 16	0 53	22 32	0 4	23 16	0 12	6 49	2 35	23 55	0 19	13 4	1 51	22 26	15 34	8 45	8 19	4 43	8 25	6 17
W23	19 39	18 12	5 4	19 26	1 43	22 4	0 55	22 38	0 5	23 17	0 12	6 49	2 35	23 55	0 19	13 4	1 51	22 25	15 33	8 46	8 21	4 41	8 26	6 17
T 24	19 26	18 53	4 41	18 52	1 40	21 52	0 56	22 44	0 5	23 18	0 12	6 49	2 35	23 55	0 19	13 4	1 51	22 24	15 33	8 48	8 22	4 39	8 27	6 17
F 25	19 12	18 35	4 4	18 16	1 37	21 39	0 58	22 49	0 6	23 18	0 12	6 49	2 36	23 54	0 19	13 5	1 51	22 23	15 33	8 51	8 23	4 38	8 27	6 17
S 26	18 58	17 23	3 16	17 40	1 34	21 25	1 0	22 54	0 7	23 19	0 12	6 50	2 36	23 54	0 19	13 5	1 51	22 22	15 33	8 52	8 24	4 36	8 28	6 17
S 27	18 43	15 24	2 20	17 3	1 30	21 11	1 1	22 59	0 8	23 19	0 12	6 50	2 36	23 54	0 19	13 5	1 51	22 21	15 32	8 54	8 25	4 34	8 29	6 18
M28	18 29	12 45	1 18	16 25	1 26	20 56	1 3	23 4	0 9	23 20	0 12	6 50	2 37	23 54	0 19	13 5	1 51	22 20	15 32	8 55	8 27	4 32	8 30	6 18
T 29	18 14	9 35	0 13	15 46	1 21	20 41	1 5	23 9	0 9	23 20	0 12	6 49	2 37	23 54	0 19	13 5	1 51	22 19	15 32	8 55	8 28	4 30	8 31	6 18
W30	17 58	6 5	0n52	15 7	1 16	20 25	1 6	23 13	0 10	23 21	0 12	6 49	2 37	23 54	0 19	13 5	1 52	22 18	15 32	8 55	8 29	4 28	8 32	6 18
T 31	17n42	2n21	1n55	14n27	1n11	20n 8	1n 8	23n17	0n11	23n21	0s12	6n49	2s37	23s54	0s19	13n 5	1s52	22n17	15n32	8n54	8n30	4n27	8s32	6n18

Julian Day Number = 1988602.5, Delta T = 55m57s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'04, Lahiri = 6°12'04 Julian Calendar 1 July 732 == Greg. Calendar 5 July 732

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 732
geocentric

AUGUST 732 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 52 12	11♌31'22	10♎17	26♌31	6♌39	19♊13	26♊22	23♈42	28°R35	9♉48	9♍44	7♍16	8♍17	21♍42	21°R13	F 1
S 2	20 56 8	12°29'15	22° 9	28°13	7°53	19°52	26°34	23°R42	28♐34	9°48	9°46	7°18	8°13	21°49	21♒10	S 2
S 3	21 0 5	13°27'10	4♏10	29°53	9° 8	20°30	26°45	23°42	28°32	9°49	9°48	7°19	8°10	21°55	21° 7	S 3
M 4	21 4 1	14°25'06	16°26	1♍31	10°22	21° 8	26°56	23°42	28°31	9°49	9°50	7°R20	8° 7	22° 2	21° 4	M 4
T 5	21 7 58	15°23'04	29° 0	3° 9	11°37	21°46	27° 7	23°41	28°29	9°49	9°52	7°19	8° 4	22° 9	21° 1	T 5
W 6	21 11 54	16°21'02	11♐57	4°45	12°51	22°24	27°18	23°41	28°28	9°49	9°54	7°17	8° 1	22°15	20°59	W 6
T 7	21 15 51	17°19'03	25°19	6°19	14° 5	23° 2	27°29	23°41	28°27	9°49	9°56	7°15	7°58	22°22	20°56	T 7
F 8	21 19 48	18°17'05	9♑ 8	7°53	15°20	23°40	27°40	23°40	28°25	9°49	9°58	7°12	7°54	22°29	20°53	F 8
S 9	21 23 44	19°15'08	23°23	9°25	16°34	24°17	27°51	23°39	28°24	9°49	10° 0	7°10	7°51	22°35	20°50	S 9
S 10	21 27 41	20°13'13	8♒ 0	10°56	17°49	24°55	28° 2	23°39	28°23	9°R49	10° 3	7° 8	7°48	22°42	20°47	S 10
M11	21 31 37	21°11'19	22°53	12°25	19° 3	25°33	28°12	23°38	28°22	9°49	10° 5	7° 7	7°45	22°49	20°44	M11
T 12	21 35 34	22° 9'28	7♓54	13°54	20°18	26°10	28°23	23°37	28°21	9°49	10° 7	7°D 7	7°42	22°55	20°41	T 12
W13	21 39 30	23° 7'38	22°55	15°20	21°32	26°48	28°33	23°36	28°20	9°49	10° 9	7° 7	7°38	23° 2	20°38	W13
T 14	21 43 27	24° 5'50	7♈47	16°46	22°47	27°25	28°43	23°35	28°19	9°49	10°11	7° 8	7°35	23° 9	20°35	T 14
F 15	21 47 23	25° 4'04	22°25	18°10	24° 1	28° 2	28°53	23°33	28°18	9°49	10°13	7° 9	7°32	23°15	20°32	F 15
S 16	21 51 20	26° 2'20	6♉43	19°33	25°16	28°39	29° 4	23°32	28°17	9°49	10°16	7°10	7°29	23°22	20°29	S 16
S 17	21 55 17	27° 0'38	20°40	20°55	26°30	29°16	29°13	23°30	28°16	9°48	10°18	7°10	7°26	23°29	20°26	S 17
M18	21 59 13	27°58'59	4♊15	22°15	27°45	29°53	29°23	23°29	28°15	9°48	10°20	7°R10	7°23	23°35	20°23	M18
T 19	22 3 10	28°57'22	17°29	23°33	29° 0	0♋30	29°33	23°27	28°14	9°48	10°22	7°10	7°19	23°42	20°20	T 19
W20	22 7 6	29°55'47	0♋24	24°50	0♍14	1° 7	29°43	23°25	28°13	9°48	10°24	7° 9	7°16	23°48	20°18	W20
T 21	22 11 3	0♍54'14	13° 2	26° 6	1°29	1°43	29°52	23°23	28°13	9°47	10°27	7° 8	7°13	23°55	20°15	T 21
F 22	22 14 59	1°52'44	25°27	27°19	2°44	2°20	0♋ 2	23°21	28°12	9°47	10°29	7° 7	7°10	24° 2	20°12	F 22
S 23	22 18 56	2°51'15	7♌40	28°31	3°59	2°56	0°11	23°19	28°11	9°46	10°31	7° 7	7° 7	24° 8	20° 9	S 23
S 24	22 22 52	3°49'48	19°43	29°42	5°13	3°33	0°20	23°17	28°11	9°46	10°33	7° 6	7° 4	24°15	20° 6	S 24
M25	22 26 49	4°48'24	1♍39	0♎50	6°28	4° 9	0°30	23°15	28°10	9°45	10°36	7°D 6	7° 0	24°22	20° 3	M25
T 26	22 30 46	5°47'01	13°30	1°56	7°43	4°45	0°39	23°12	28°10	9°45	10°38	7° 6	6°57	24°28	20° 1	T 26
W27	22 34 42	6°45'41	25°18	3° 0	8°58	5°21	0°47	23°10	28°10	9°44	10°40	7°R 6	6°54	24°35	19°58	W27
T 28	22 38 39	7°44'22	7♎ 5	4° 2	10°12	5°57	0°56	23° 7	28° 9	9°44	10°42	7° 6	6°51	24°42	19°55	T 28
F 29	22 42 35	8°43'05	18°54	5° 1	11°27	6°33	1° 5	23° 5	28° 9	9°43	10°45	7° 6	6°48	24°48	19°52	F 29
S 30	22 46 32	9°41'50	0♏48	5°58	12°42	7° 9	1°13	23° 2	28° 9	9°43	10°47	7° 6	6°44	24°55	19°50	S 30
S 31	22 50 28	10♍40'37	12♏51	6♎52	13♍57	7♋45	1♋22	22♈59	28♐ 8	9♉42	10♍49	7♍ 6	6♍41	25♍ 2	19♒47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n27	1s28	2n52	13n46	1n 5	19n51	1n 9	23n22	0n12	23n21	0s12	6n49	2s38	23s54	0s19	13n 5	1s52	22n16	15n31	8n54	8n31	4n25	8s33	6n18
S 2	17 10	5 14	3 43	13 6	0 59	19 33	1 10	23 25	0 13	23 22	0 12	6 49	2 38	23 54	0 19	13 5	1 52	22 15	15 31	8 53	8 32	4 23	8 34	6 18
S 3	16 54	8 51	4 25	12 25	0 53	19 15	1 12	23 29	0 14	23 22	0 11	6 49	2 38	23 54	0 19	13 5	1 52	22 14	15 31	8 53	8 34	4 21	8 35	6 18
M 4	16 37	12 9	4 55	11 43	0 46	18 56	1 13	23 33	0 15	23 23	0 11	6 48	2 38	23 54	0 19	13 5	1 52	22 13	15 31	8 53	8 35	4 19	8 36	6 18
T 5	16 20	14 59	5 12	11 2	0 39	18 36	1 14	23 36	0 15	23 23	0 11	6 48	2 39	23 54	0 19	13 5	1 52	22 12	15 31	8 53	8 36	4 17	8 37	6 18
W 6	16 3	17 10	5 15	10 20	0 32	18 16	1 15	23 39	0 16	23 23	0 11	6 48	2 39	23 54	0 19	13 5	1 52	22 11	15 31	8 54	8 37	4 15	8 38	6 18
T 7	15 45	18 31	5 0	9 38	0 25	17 56	1 16	23 42	0 17	23 23	0 11	6 47	2 39	23 54	0 19	13 5	1 52	22 10	15 30	8 54	8 38	4 14	8 39	6 18
F 8	15 27	18 49	4 28	8 57	0 18	17 35	1 17	23 45	0 18	23 24	0 11	6 47	2 40	23 54	0 19	13 5	1 52	22 9	15 30	8 55	8 40	4 12	8 40	6 18
S 9	15 9	17 58	3 39	8 15	0 10	17 13	1 18	23 47	0 19	23 24	0 11	6 46	2 40	23 54	0 19	13 5	1 52	22 8	15 30	8 56	8 41	4 10	8 41	6 18
S 10	14 51	15 54	2 34	7 33	0 2	16 51	1 19	23 50	0 20	23 24	0 11	6 46	2 40	23 54	0 19	13 5	1 52	22 7	15 30	8 57	8 42	4 8	8 42	6 18
M11	14 32	12 45	1 18	6 51	0s 6	16 28	1 20	23 52	0 21	23 25	0 11	6 45	2 40	23 54	0 19	13 5	1 52	22 6	15 30	8 57	8 43	4 6	8 42	6 18
T 12	14 13	8 44	0s 4	6 10	0 14	16 5	1 21	23 54	0 22	23 25	0 11	6 45	2 41	23 54	0 19	13 5	1 52	22 5	15 30	8 58	8 44	4 4	8 43	6 18
W13	13 54	4 9	1 27	5 29	0 22	15 42	1 21	23 56	0 22	23 25	0 11	6 44	2 41	23 54	0 19	13 5	1 52	22 5	15 30	8 57	8 46	4 2	8 44	6 18
T 14	13 35	0n38	2 42	4 48	0 30	15 18	1 22	23 58	0 23	23 25	0 11	6 43	2 41	23 54	0 19	13 5	1 52	22 4	15 30	8 57	8 47	4 1	8 45	6 18
F 15	13 15	5 17	3 46	4 7	0 38	14 54	1 22	23 59	0 24	23 25	0 10	6 43	2 41	23 54	0 19	13 5	1 53	22 3	15 30	8 57	8 48	3 59	8 46	6 18
S 16	12 55	9 32	4 34	3 27	0 47	14 29	1 23	24 1	0 25	23 25	0 10	6 42	2 42	23 54	0 19	13 4	1 53	22 2	15 30	8 56	8 49	3 57	8 47	6 17
S 17	12 35	13 9	5 4	2 47	0 55	14 4	1 23	24 2	0 26	23 26	0 10	6 41	2 42	23 54	0 19	13 4	1 53	22 1	15 29	8 56	8 50	3 55	8 48	6 17
M18	12 15	15 56	5 17	2 8	1 3	13 39	1 24	24 3	0 27	23 26	0 10	6 40	2 42	23 54	0 19	13 4	1 53	22 0	15 29	8 56	8 52	3 53	8 49	6 17
T 19	11 55	17 49	5 12	1 29	1 12	13 13	1 24	24 4	0 28	23 26	0 10	6 39	2 42	23 54	0 19	13 4	1 53	21 59	15 29	8 56	8 53	3 51	8 50	6 17
W20	11 34	18 44	4 52	0 50	1 20	12 47	1 24	24 5	0 29	23 26	0 10	6 38	2 43	23 54	0 19	13 4	1 53	21 58	15 29	8 57	8 54	3 49	8 51	6 17
T 21	11 14	18 41	4 17	0 12	1 29	12 20	1 24	24 5	0 30	23 26	0 10	6 38	2 43	23 54	0 19	13 4	1 53	21 57	15 29	8 57	8 55	3 47	8 52	6 17
F 22	10 53	17 44	3 32	0s25	1 37	11 53	1 25	24 5	0 31	23 26	0 10	6 37	2 43	23 54	0 19	13 3	1 53	21 56	15 29	8 57	8 56	3 46	8 53	6 17
S 23	10 31	15 57	2 37	1 1	1 46	11 26	1 25	24 6	0 32	23 26	0 10	6 36	2 43	23 54	0 19	13 3	1 53	21 55	15 29	8 57	8 57	3 44	8 54	6 17
S 24	10 10	13 30	1 35	1 37	1 54	10 58	1 25	24 6	0 33	23 26	0 10	6 35	2 43	23 54	0 19	13 3	1 53	21 54	15 29	8 58	8 59	3 42	8 55	6 17
M25	9 49	10 29	0 30	2 12	2 2	10 30	1 25	24 6	0 33	23 26	0 10	6 34	2 44	23 54	0 19	13 3	1 53	21 54	15 29	8 58	9 0	3 40	8 56	6 17
T 26	9 27	7 4	0n36	2 46	2 10	10 2	1 24	24 5	0 34	23 26	0 10	6 32	2 44	23 54	0 19	13 3	1 53	21 53	15 29	8 58	9 1	3 38	8 57	6 16
W27	9 5	3 24	1 40	3 19	2 19	9 34	1 24	24 5	0 35	23 26	0 9	6 31	2 44	23 54	0 19	13 2	1 53	21 52	15 29	8 58	9 2	3 36	8 58	6 16
T 28	8 43	0s24	2 39	3 51	2 26	9 5	1 24	24 4	0 36	23 27	0 9	6 30	2 44	23 54	0 19	13 2	1 53	21 51	15 29	8 58	9 3	3 34	8 59	6 16
F 29	8 21	4 11	3 32	4 22	2 34	8 36	1 24	24 4	0 37	23 27	0 9	6 29	2 45	23 54	0 19	13 2	1 53	21 50	15 29	8 58	9 5	3 32	9 0	6 16
S 30	7 59	7 50	4 16	4 51	2 42	8 7	1 23	24 3	0 38	23 27	0 9	6 28	2 45	23 54	0 19	13 2	1 53	21 49	15 29	8 58	9 6	3 30	9 1	6 16
S 31	7n37	11s12	4n50	5s19	2s49	7n38	1n23	24n 2	0n39	23n27	0s 9	6n27	2s45	23s54	0s19	13n 1	1s53	21n48	15n29	8n58	9n 7	3n29	9s 2	6n16

Julian Day Number = 1988633.5, Delta T = 55m56s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'08, Lahiri = 6°12'08 Julian Calendar 1 Aug. 732 == Greg. Calendar 5 Aug. 732

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ASTRODIENST EPHEMERIS for the year 732
geocentric

SEPTEMBER 732 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 54 25	11♍39'26	25♏ 6	7♎43	15♍12	8♋20	1♋30	22°R56	28°R 8	9°R41	10♍51	7°R 5	6♍38	25♍ 8	19°R44	M 1
T 2	22 58 21	12°38'17	7♐37	8°30	16°27	8°55	1°38	22♈53	28♐ 8	9♉40	10°54	7°D 5	6°35	25°15	19♒42	T 2
W 3	23 2 18	13°37'09	20°28	9°14	17°41	9°31	1°46	22°50	28° 8	9°40	10°56	7♍ 5	6°32	25°22	19°39	W 3
T 4	23 6 14	14°36'03	3♑43	9°54	18°56	10° 6	1°54	22°47	28°D 8	9°39	10°58	7° 5	6°29	25°28	19°36	T 4
F 5	23 10 11	15°34'59	17°24	10°29	20°11	10°41	2° 2	22°43	28° 8	9°38	11° 0	7° 6	6°25	25°35	19°34	F 5
S 6	23 14 8	16°33'57	1♒32	11° 0	21°26	11°16	2° 9	22°40	28° 8	9°37	11° 3	7° 7	6°22	25°42	19°31	S 6
S 7	23 18 4	17°32'57	16° 6	11°26	22°41	11°51	2°17	22°37	28° 8	9°36	11° 5	7° 8	6°19	25°48	19°29	S 7
M 8	23 22 1	18°31'58	1♓ 0	11°47	23°56	12°25	2°24	22°33	28° 9	9°35	11° 7	7°R 8	6°16	25°55	19°26	M 8
T 9	23 25 57	19°31'02	16° 9	12° 2	25°11	13° 0	2°31	22°30	28° 9	9°35	11° 9	7° 8	6°13	26° 2	19°24	T 9
W10	23 29 54	20°30'07	1♈23	12°10	26°26	13°35	2°38	22°26	28° 9	9°34	11°11	7° 7	6° 9	26° 8	19°22	W10
T 11	23 33 50	21°29'15	16°33	12°R12	27°40	14° 9	2°45	22°22	28° 9	9°33	11°14	7° 6	6° 6	26°15	19°19	T 11
F 12	23 37 47	22°28'25	1♉28	12° 7	28°55	14°43	2°52	22°18	28°10	9°32	11°16	7° 4	6° 3	26°21	19°17	F 12
S 13	23 41 43	23°27'37	16° 3	11°54	0♎10	15°17	2°58	22°14	28°10	9°31	11°18	7° 2	6° 0	26°28	19°15	S 13
S 14	23 45 40	24°26'52	0♊12	11°33	1°25	15°51	3° 5	22°11	28°11	9°29	11°20	7° 0	5°57	26°35	19°12	S 14
M15	23 49 37	25°26'09	13°53	11° 5	2°40	16°25	3°11	22° 7	28°11	9°28	11°23	6°59	5°54	26°41	19°10	M15
T 16	23 53 33	26°25'28	27° 8	10°28	3°55	16°59	3°17	22° 2	28°12	9°27	11°25	6°D59	5°50	26°48	19° 8	T 16
W17	23 57 30	27°24'50	9♋59	9°44	5°10	17°33	3°23	21°58	28°13	9°26	11°27	6°59	5°47	26°55	19° 6	W17
T 18	0 1 26	28°24'15	22°30	8°51	6°25	18° 6	3°29	21°54	28°13	9°25	11°29	7° 0	5°44	27° 1	19° 4	T 18
F 19	0 5 23	29°23'41	4♌45	7°52	7°40	18°39	3°34	21°50	28°14	9°24	11°31	7° 2	5°41	27° 8	19° 2	F 19
S 20	0 9 19	0♎23'10	16°47	6°48	8°55	19°13	3°40	21°46	28°15	9°22	11°33	7° 4	5°38	27°15	19° 0	S 20
S 21	0 13 16	1°22'41	28°42	5°38	10°10	19°46	3°45	21°41	28°16	9°21	11°36	7° 5	5°35	27°21	18°58	S 21
M22	0 17 12	2°22'15	10♍31	4°26	11°25	20°19	3°50	21°37	28°17	9°20	11°38	7°R 5	5°31	27°28	18°56	M22
T 23	0 21 9	3°21'50	22°19	3°13	12°40	20°51	3°55	21°32	28°18	9°19	11°40	7° 4	5°28	27°35	18°54	T 23
W24	0 25 5	4°21'28	4♎ 6	2° 0	13°55	21°24	4° 0	21°28	28°19	9°17	11°42	7° 1	5°25	27°41	18°52	W24
T 25	0 29 2	5°21'07	15°57	0°51	15°10	21°56	4° 5	21°23	28°20	9°16	11°44	6°58	5°22	27°48	18°50	T 25
F 26	0 32 59	6°20'49	27°51	29♍48	16°25	22°29	4° 9	21°19	28°21	9°15	11°46	6°53	5°19	27°55	18°49	F 26
S 27	0 36 55	7°20'33	9♏52	28°51	17°40	23° 1	4°13	21°14	28°22	9°13	11°48	6°47	5°15	28° 1	18°47	S 27
S 28	0 40 52	8°20'19	22° 2	28° 4	18°55	23°33	4°17	21° 9	28°23	9°12	11°50	6°42	5°12	28° 8	18°45	S 28
M29	0 44 48	9°20'06	4♐22	27°26	20°10	24° 5	4°21	21° 5	28°24	9°11	11°52	6°37	5° 9	28°15	18°44	M29
T 30	0 48 45	10♎19'55	16♐55	26♍59	21♎25	24♋36	4♋25	21♈ 0	28♐26	9♉ 9	11♍55	6♍33	5♍ 6	28♍21	18♒42	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n14	14s 8	5n11	5s46	2s56	7n 8	1n22	24n 0	0n40	23n27	0s 9	6n25	2s45	23s54	0s19	13n 1	1s53	21n48	15n29	8n58	9n 8	3n27	9s 3	6n15
T 2	6 52	16 30	5 18	6 11	3 3	6 38	1 22	23 59	0 41	23 27	0 9	6 24	2 45	23 54	0 19	13 1	1 54	21 47	15 29	8 58	9 9	3 25	9 4	6 15
W 3	6 29	18 7	5 9	6 34	3 9	6 8	1 21	23 58	0 42	23 27	0 9	6 23	2 46	23 54	0 19	13 1	1 54	21 46	15 29	8 58	9 11	3 23	9 5	6 15
T 4	6 6	18 49	4 44	6 55	3 15	5 38	1 20	23 56	0 43	23 27	0 9	6 21	2 46	23 54	0 19	13 0	1 54	21 45	15 30	8 58	9 12	3 21	9 6	6 15
F 5	5 43	18 27	4 3	7 14	3 20	5 8	1 20	23 54	0 44	23 26	0 9	6 20	2 46	23 54	0 19	13 0	1 54	21 44	15 30	8 58	9 13	3 19	9 7	6 15
S 6	5 20	16 56	3 5	7 31	3 25	4 37	1 19	23 52	0 45	23 26	0 9	6 18	2 46	23 54	0 19	13 0	1 54	21 43	15 30	8 57	9 14	3 17	9 8	6 14
S 7	4 57	14 18	1 54	7 45	3 29	4 7	1 18	23 50	0 46	23 26	0 8	6 17	2 46	23 54	0 19	12 59	1 54	21 43	15 30	8 57	9 15	3 15	9 9	6 14
M 8	4 34	10 40	0 34	7 57	3 33	3 36	1 17	23 48	0 47	23 26	0 8	6 16	2 46	23 54	0 19	12 59	1 54	21 42	15 30	8 57	9 16	3 13	9 10	6 14
T 9	4 11	6 16	0s50	8 5	3 35	3 5	1 16	23 46	0 48	23 26	0 8	6 14	2 47	23 54	0 19	12 59	1 54	21 41	15 30	8 57	9 18	3 12	9 11	6 14
W10	3 47	1 26	2 11	8 10	3 37	2 34	1 15	23 43	0 49	23 26	0 8	6 13	2 47	23 54	0 19	12 58	1 54	21 40	15 30	8 57	9 19	3 10	9 12	6 14
T 11	3 24	3n27	3 22	8 11	3 38	2 3	1 14	23 41	0 50	23 26	0 8	6 11	2 47	23 54	0 19	12 58	1 54	21 40	15 30	8 58	9 20	3 8	9 13	6 13
F 12	3 0	8 2	4 18	8 9	3 37	1 32	1 12	23 38	0 51	23 26	0 8	6 9	2 47	23 54	0 19	12 58	1 54	21 39	15 30	8 59	9 21	3 6	9 14	6 13
S 13	2 37	12 2	4 56	8 2	3 35	1 1	1 11	23 35	0 53	23 26	0 8	6 8	2 47	23 54	0 19	12 57	1 54	21 38	15 31	8 59	9 22	3 4	9 15	6 13
S 14	2 13	15 12	5 14	7 51	3 32	0 30	1 10	23 32	0 54	23 26	0 8	6 6	2 47	23 54	0 19	12 57	1 54	21 37	15 31	9 0	9 24	3 2	9 16	6 13
M15	1 50	17 25	5 14	7 35	3 27	0s 1	1 8	23 29	0 55	23 26	0 8	6 5	2 48	23 54	0 19	12 56	1 54	21 37	15 31	9 0	9 25	3 0	9 17	6 12
T 16	1 26	18 37	4 57	7 14	3 20	0 33	1 7	23 26	0 56	23 26	0 8	6 3	2 48	23 54	0 18	12 56	1 54	21 36	15 31	9 1	9 26	2 58	9 18	6 12
W17	1 2	18 48	4 26	6 49	3 12	1 4	1 6	23 23	0 57	23 26	0 7	6 1	2 48	23 54	0 18	12 56	1 54	21 35	15 31	9 0	9 27	2 56	9 18	6 12
T 18	0 38	18 3	3 42	6 19	3 2	1 35	1 4	23 19	0 58	23 26	0 7	6 0	2 48	23 54	0 18	12 55	1 54	21 35	15 31	9 0	9 28	2 54	9 19	6 11
F 19	0 15	16 28	2 49	5 44	2 50	2 6	1 2	23 16	0 59	23 26	0 7	5 58	2 48	23 54	0 18	12 55	1 54	21 34	15 32	8 59	9 29	2 53	9 20	6 11
S 20	0s 9	14 10	1 50	5 5	2 35	2 38	1 1	23 12	1 0	23 26	0 7	5 56	2 48	23 54	0 18	12 54	1 54	21 33	15 32	8 59	9 31	2 51	9 21	6 11
S 21	0 33	11 17	0 46	4 23	2 20	3 9	0 59	23 9	1 1	23 26	0 7	5 55	2 48	23 54	0 18	12 54	1 54	21 33	15 32	8 58	9 32	2 49	9 22	6 11
M22	0 57	7 58	0n19	3 38	2 2	3 40	0 57	23 5	1 2	23 26	0 7	5 53	2 48	23 54	0 18	12 54	1 54	21 32	15 32	8 58	9 33	2 47	9 23	6 10
T 23	1 21	4 20	1 23	2 52	1 43	4 11	0 56	23 1	1 4	23 26	0 7	5 51	2 48	23 54	0 18	12 53	1 54	21 31	15 32	8 59	9 34	2 45	9 24	6 10
W24	1 45	0 33	2 23	2 5	1 24	4 42	0 54	22 57	1 5	23 26	0 7	5 49	2 49	23 54	0 18	12 53	1 55	21 31	15 33	8 59	9 35	2 43	9 25	6 10
T 25	2 8	3s17	3 17	1 18	1 3	5 13	0 52	22 53	1 6	23 26	0 7	5 48	2 49	23 54	0 18	12 52	1 55	21 30	15 33	9 1	9 36	2 41	9 25	6 9
F 26	2 32	7 0	4 3	0 34	0 42	5 44	0 50	22 49	1 7	23 26	0 7	5 46	2 49	23 54	0 18	12 52	1 55	21 29	15 33	9 3	9 38	2 39	9 26	6 9
S 27	2 56	10 28	4 39	0n 7	0 22	6 14	0 48	22 45	1 8	23 25	0 6	5 44	2 49	23 54	0 18	12 51	1 55	21 29	15 33	9 5	9 39	2 37	9 27	6 9
S 28	3 20	13 32	5 2	0 45	0 2	6 45	0 46	22 40	1 9	23 25	0 6	5 42	2 49	23 54	0 18	12 51	1 55	21 28	15 34	9 7	9 40	2 35	9 28	6 8
M29	3 43	16 3	5 12	1 17	0n17	7 15	0 44	22 36	1 11	23 25	0 6	5 40	2 49	23 54	0 18	12 50	1 55	21 28	15 34	9 9	9 41	2 33	9 29	6 8
T 30	4s 7	17s51	5n 7	1n44	0n35	7s46	0n42	22n31	1n12	23n25	0s 6	5n39	2s49	23s54	0s18	12n50	1s55	21n27	15n34	9n10	9n42	2n31	9s29	6n 8

Julian Day Number = 1988664.5, Delta T = 55m55s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'12, Lahiri = 6°12'13 Julian Calendar 1 Sept. 732 == Greg. Calendar 5 Sept. 732

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ASTRODIENST EPHEMERIS for the year 732
geocentric

OCTOBER 732 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 52 41	11♎19'47	29♐44	26°R43	22♎40	25♋ 8	4♋29	20°R55	28♐27	9°R 8	11♍57	6°R31	5♍ 3	28♍28	18°R41	W 1
T 2	0 56 38	12°19'40	12♑53	26°D39	23°55	25°39	4°32	20♈51	28°28	9♉ 6	11°59	6°D30	5° 0	28°35	18♒39	T 2
F 3	1 0 34	13°19'34	26°23	26♍46	25°10	26°10	4°35	20°46	28°30	9° 5	12° 1	6♍31	4°56	28°41	18°38	F 3
S 4	1 4 31	14°19'31	10♒17	27° 3	26°25	26°41	4°38	20°41	28°31	9° 3	12° 3	6°32	4°53	28°48	18°37	S 4
S 5	1 8 28	15°19'28	24°35	27°31	27°40	27°12	4°41	20°36	28°33	9° 2	12° 5	6°33	4°50	28°55	18°36	S 5
M 6	1 12 24	16°19'28	9♓16	28° 8	28°55	27°43	4°44	20°31	28°35	9° 0	12° 6	6°R34	4°47	29° 1	18°34	M 6
T 7	1 16 21	17°19'29	24°16	28°53	0♏10	28°13	4°46	20°26	28°36	8°59	12° 8	6°33	4°44	29° 8	18°33	T 7
W 8	1 20 17	18°19'32	9♈26	29°46	1°25	28°43	4°48	20°22	28°38	8°57	12°10	6°30	4°40	29°15	18°32	W 8
T 9	1 24 14	19°19'37	24°38	0♎46	2°40	29°13	4°50	20°17	28°40	8°56	12°12	6°24	4°37	29°21	18°31	T 9
F 10	1 28 10	20°19'44	9♉41	1°52	3°55	29°43	4°52	20°12	28°41	8°54	12°14	6°18	4°34	29°28	18°30	F 10
S 11	1 32 7	21°19'53	24°26	3° 3	5°10	0♌13	4°54	20° 7	28°43	8°52	12°16	6°11	4°31	29°34	18°29	S 11
S 12	1 36 3	22°20'05	8♊46	4°18	6°25	0°42	4°55	20° 2	28°45	8°51	12°18	6° 4	4°28	29°41	18°28	S 12
M13	1 40 0	23°20'18	22°37	5°37	7°40	1°12	4°57	19°57	28°47	8°49	12°20	5°58	4°25	29°48	18°28	M13
T 14	1 43 57	24°20'33	5♋59	6°59	8°55	1°41	4°58	19°52	28°49	8°48	12°21	5°54	4°21	29°54	18°27	T 14
W15	1 47 53	25°20'50	18°54	8°24	10°10	2°10	4°59	19°48	28°51	8°46	12°23	5°53	4°18	0♎ 1	18°26	W15
T 16	1 51 50	26°21'10	1♌25	9°51	11°25	2°38	4°59	19°43	28°53	8°44	12°25	5°D53	4°15	0° 8	18°26	T 16
F 17	1 55 46	27°21'31	13°37	11°20	12°40	3° 7	5° 0	19°38	28°55	8°43	12°27	5°54	4°12	0°14	18°25	F 17
S 18	1 59 43	28°21'55	25°36	12°51	13°55	3°35	5° 0	19°33	28°57	8°41	12°28	5°55	4° 9	0°21	18°25	S 18
S 19	2 3 39	29°22'20	7♍26	14°23	15°10	4° 3	5°R 0	19°28	29° 0	8°39	12°30	5°R55	4° 6	0°28	18°24	S 19
M20	2 7 36	0♏22'47	19°13	15°56	16°25	4°30	5° 0	19°24	29° 2	8°38	12°32	5°54	4° 2	0°34	18°24	M20
T 21	2 11 32	1°23'17	1♎ 0	17°29	17°40	4°58	5° 0	19°19	29° 4	8°36	12°33	5°51	3°59	0°41	18°23	T 21
W22	2 15 29	2°23'48	12°50	19° 3	18°55	5°25	4°59	19°14	29° 6	8°34	12°35	5°45	3°56	0°48	18°23	W22
T 23	2 19 25	3°24'20	24°47	20°38	20°10	5°52	4°59	19°10	29° 9	8°33	12°37	5°36	3°53	0°54	18°23	T 23
F 24	2 23 22	4°24'55	6♏51	22°13	21°25	6°19	4°58	19° 5	29°11	8°31	12°38	5°26	3°50	1° 1	18°23	F 24
S 25	2 27 19	5°25'31	19° 4	23°48	22°40	6°45	4°56	19° 0	29°13	8°29	12°40	5°14	3°46	1° 8	18°23	S 25
S 26	2 31 15	6°26'08	1♐27	25°24	23°55	7°12	4°55	18°56	29°16	8°27	12°41	5° 2	3°43	1°14	18°D23	S 26
M27	2 35 12	7°26'47	14° 0	26°59	25°10	7°38	4°54	18°51	29°18	8°26	12°43	4°51	3°40	1°21	18°23	M27
T 28	2 39 8	8°27'27	26°45	28°35	26°25	8° 3	4°52	18°47	29°21	8°24	12°44	4°42	3°37	1°28	18°23	T 28
W29	2 43 5	9°28'09	9♑41	0♏10	27°40	8°29	4°50	18°43	29°24	8°22	12°46	4°36	3°34	1°34	18°23	W29
T 30	2 47 1	10°28'52	22°52	1°46	28°55	8°54	4°48	18°38	29°26	8°21	12°47	4°32	3°31	1°41	18°23	T 30
F 31	2 50 58	11♏29'36	6♒18	3♏21	0♐10	9♌18	4♋46	18♈34	29♐29	8♉19	12♍48	4°D30	3♍27	1♎48	18♒24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s31	18s49	4n47	2n 5	0n51	8s16	0n40	22n27	1n13	23n25	0s 6	5n37	2s49	23s54	0s18	12n49	1s55	21n27	15n34	9n11	9n43	2n30	9s30	6n 7
T 2	4 54	18 48	4 12	2 21	1 6	8 45	0 38	22 22	1 14	23 25	0 6	5 35	2 49	23 54	0 18	12 49	1 55	21 26	15 35	9 11	9 45	2 28	9 31	6 7
F 3	5 18	17 43	3 22	2 30	1 19	9 15	0 36	22 17	1 15	23 25	0 6	5 33	2 49	23 54	0 18	12 48	1 55	21 26	15 35	9 11	9 46	2 26	9 32	6 7
S 4	5 41	15 34	2 18	2 34	1 31	9 45	0 33	22 13	1 17	23 25	0 6	5 31	2 49	23 54	0 18	12 48	1 55	21 25	15 35	9 10	9 47	2 24	9 32	6 6
S 5	6 4	12 24	1 5	2 32	1 40	10 14	0 31	22 8	1 18	23 25	0 6	5 29	2 49	23 54	0 18	12 47	1 55	21 25	15 36	9 10	9 48	2 22	9 33	6 6
M 6	6 28	8 22	0s15	2 24	1 49	10 43	0 29	22 3	1 19	23 25	0 6	5 28	2 49	23 54	0 18	12 47	1 55	21 24	15 36	9 10	9 49	2 20	9 34	6 6
T 7	6 51	3 45	1 35	2 13	1 56	11 12	0 27	21 58	1 20	23 25	0 5	5 26	2 49	23 54	0 18	12 46	1 55	21 24	15 36	9 10	9 50	2 18	9 34	6 5
W 8	7 14	1n11	2 49	1 56	2 1	11 40	0 24	21 53	1 22	23 25	0 5	5 24	2 49	23 54	0 18	12 46	1 55	21 23	15 37	9 11	9 52	2 16	9 35	6 5
T 9	7 37	6 1	3 51	1 36	2 5	12 8	0 22	21 48	1 23	23 25	0 5	5 22	2 49	23 54	0 18	12 45	1 55	21 23	15 37	9 13	9 53	2 14	9 36	6 5
F 10	8 0	10 26	4 36	1 12	2 8	12 36	0 20	21 43	1 24	23 26	0 5	5 20	2 49	23 54	0 18	12 45	1 55	21 22	15 37	9 16	9 54	2 12	9 36	6 4
S 11	8 22	14 7	5 2	0 45	2 9	13 4	0 17	21 38	1 25	23 26	0 5	5 18	2 49	23 54	0 18	12 44	1 55	21 22	15 38	9 18	9 55	2 10	9 37	6 4
S 12	8 45	16 50	5 8	0 16	2 10	13 31	0 15	21 33	1 27	23 26	0 5	5 17	2 49	23 54	0 18	12 44	1 55	21 21	15 38	9 21	9 56	2 8	9 38	6 4
M13	9 8	18 28	4 56	0s16	2 10	13 58	0 12	21 28	1 28	23 26	0 5	5 15	2 49	23 54	0 18	12 43	1 55	21 21	15 38	9 23	9 57	2 6	9 38	6 3
T 14	9 30	19 1	4 28	0 49	2 9	14 25	0 10	21 22	1 29	23 26	0 5	5 13	2 49	23 54	0 18	12 43	1 55	21 21	15 39	9 24	9 59	2 4	9 39	6 3
W15	9 52	18 31	3 46	1 25	2 7	14 51	0 7	21 17	1 31	23 26	0 5	5 11	2 49	23 54	0 18	12 42	1 55	21 20	15 39	9 25	10 0	2 3	9 39	6 2
T 16	10 14	17 8	2 55	2 2	2 4	15 17	0 5	21 12	1 32	23 26	0 4	5 10	2 49	23 54	0 18	12 42	1 55	21 20	15 40	9 25	10 1	2 1	9 40	6 2
F 17	10 36	14 58	1 57	2 40	2 1	15 42	0 2	21 7	1 34	23 26	0 4	5 8	2 49	23 54	0 18	12 41	1 55	21 20	15 40	9 25	10 2	1 59	9 40	6 2
S 18	10 58	12 12	0 55	3 19	1 57	16 7	0s 0	21 1	1 35	23 26	0 4	5 6	2 49	23 54	0 18	12 40	1 55	21 19	15 40	9 24	10 3	1 57	9 41	6 1
S 19	11 19	8 58	0n 8	3 58	1 53	16 32	0 3	20 56	1 36	23 26	0 4	5 4	2 49	23 54	0 18	12 40	1 55	21 19	15 41	9 24	10 4	1 55	9 41	6 1
M20	11 41	5 23	1 11	4 38	1 49	16 56	0 5	20 51	1 38	23 26	0 4	5 3	2 48	23 54	0 18	12 39	1 55	21 19	15 41	9 25	10 6	1 53	9 42	6 1
T 21	12 2	1 36	2 11	5 19	1 44	17 20	0 8	20 45	1 39	23 27	0 4	5 1	2 48	23 54	0 18	12 39	1 55	21 19	15 42	9 26	10 7	1 51	9 42	6 0
W22	12 23	2s16	3 5	6 0	1 38	17 44	0 10	20 40	1 41	23 27	0 4	4 59	2 48	23 54	0 18	12 38	1 55	21 18	15 42	9 28	10 8	1 49	9 43	6 0
T 23	12 44	6 5	3 51	6 41	1 33	18 7	0 13	20 35	1 42	23 27	0 4	4 58	2 48	23 54	0 18	12 38	1 55	21 18	15 42	9 31	10 9	1 47	9 43	5 59
F 24	13 5	9 41	4 27	7 22	1 27	18 29	0 15	20 29	1 44	23 27	0 3	4 56	2 48	23 54	0 18	12 37	1 55	21 18	15 43	9 35	10 10	1 45	9 44	5 59
S 25	13 25	12 56	4 52	8 3	1 21	18 51	0 18	20 24	1 45	23 27	0 3	4 54	2 48	23 54	0 18	12 37	1 55	21 18	15 43	9 39	10 11	1 43	9 44	5 59
S 26	13 45	15 39	5 3	8 43	1 15	19 12	0 20	20 19	1 47	23 27	0 3	4 53	2 48	23 54	0 18	12 36	1 55	21 17	15 44	9 44	10 13	1 41	9 44	5 58
M27	14 5	17 40	5 0	9 24	1 9	19 33	0 23	20 14	1 48	23 28	0 3	4 51	2 48	23 54	0 18	12 36	1 55	21 17	15 44	9 48	10 14	1 39	9 45	5 58
T 28	14 25	18 52	4 42	10 4	1 2	19 54	0 25	20 8	1 50	23 28	0 3	4 49	2 48	23 54	0 18	12 35	1 55	21 17	15 45	9 51	10 15	1 37	9 45	5 57
W29	14 45	19 6	4 9	10 44	0 56	20 13	0 28	20 3	1 51	23 28	0 3	4 48	2 47	23 54	0 18	12 34	1 55	21 17	15 45	9 53	10 16	1 35	9 45	5 57
T 30	15 4	18 19	3 23	11 24	0 49	20 33	0 30	19 58	1 53	23 28	0 3	4 46	2 47	23 54	0 18	12 34	1 55	21 17	15 46	9 55	10 17	1 33	9 46	5 57
F 31	15s23	16s30	2n24	12s 3	0n42	20s51	0s33	19n53	1n54	23n28	0s 3	4n45	2s47	23s54	0s18	12n33	1s55	21n17	15n46	9n55	10n18	1n31	9s46	5n56

Julian Day Number = 1988694.5, Delta T = 55m55s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'16, Lahiri = 6°12'17 Julian Calendar 1 Oct. 732 == Greg. Calendar 5 Oct. 732

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ASTRODIENST EPHEMERIS for the year 732
geocentric

NOVEMBER 732 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 54 54	12♏30'21	20♒ 1	4♏56	1♐25	9♌43	4°R43	18°R30	29♐31	8°R17	12♍50	4♍30	3♍24	1♎54	18♒24	S 1
S 2	2 58 51	13°31'07	4♓ 4	6°31	2°40	10° 7	4♋40	18♈26	29°34	8♉16	12°51	4°R31	3°21	2° 1	18°24	S 2
M 3	3 2 48	14°31'54	18°25	8° 6	3°55	10°31	4°38	18°22	29°37	8°14	12°52	4°30	3°18	2° 8	18°25	M 3
T 4	3 6 44	15°32'42	3♈ 2	9°41	5°10	10°54	4°34	18°17	29°40	8°12	12°54	4°27	3°15	2°14	18°25	T 4
W 5	3 10 41	16°33'31	17°53	11°16	6°25	11°18	4°31	18°13	29°42	8°11	12°55	4°22	3°12	2°21	18°26	W 5
T 6	3 14 37	17°34'22	2♉48	12°51	7°40	11°41	4°28	18°10	29°45	8° 9	12°56	4°13	3° 8	2°28	18°27	T 6
F 7	3 18 34	18°35'13	17°41	14°26	8°55	12° 3	4°24	18° 6	29°48	8° 7	12°57	4° 3	3° 5	2°34	18°27	F 7
S 8	3 22 30	19°36'06	2♊22	16° 0	10° 9	12°25	4°20	18° 2	29°51	8° 6	12°59	3°51	3° 2	2°41	18°28	S 8
S 9	3 26 27	20°37'00	16°42	17°35	11°24	12°47	4°16	17°58	29°54	8° 4	13° 0	3°40	2°59	2°48	18°29	S 9
M10	3 30 23	21°37'55	0♋37	19° 9	12°39	13° 9	4°12	17°55	29°57	8° 2	13° 1	3°29	2°56	2°54	18°30	M10
T 11	3 34 20	22°38'51	14° 4	20°43	13°54	13°30	4° 8	17°51	0♑ 0	8° 1	13° 2	3°22	2°52	3° 1	18°31	T 11
W12	3 38 17	23°39'49	27° 3	22°18	15° 9	13°51	4° 3	17°48	0° 3	7°59	13° 3	3°17	2°49	3° 8	18°32	W12
T 13	3 42 13	24°40'48	9♌38	23°52	16°24	14°11	3°58	17°44	0° 6	7°57	13° 4	3°14	2°46	3°14	18°33	T 13
F 14	3 46 10	25°41'48	21°53	25°26	17°39	14°31	3°54	17°41	0° 9	7°56	13° 5	3°13	2°43	3°21	18°34	F 14
S 15	3 50 6	26°42'50	3♍53	27° 1	18°53	14°51	3°49	17°38	0°12	7°54	13° 6	3°13	2°40	3°28	18°35	S 15
S 16	3 54 3	27°43'53	15°44	28°35	20° 8	15°10	3°43	17°35	0°15	7°53	13° 7	3°13	2°37	3°34	18°36	S 16
M17	3 57 59	28°44'56	27°31	0♐ 9	21°23	15°29	3°38	17°32	0°19	7°51	13° 8	3°11	2°33	3°41	18°38	M17
T 18	4 1 56	29°46'01	9♎20	1°44	22°38	15°47	3°32	17°29	0°22	7°49	13° 8	3° 6	2°30	3°48	18°39	T 18
W19	4 5 52	0♐47'07	21°14	3°18	23°53	16° 5	3°27	17°26	0°25	7°48	13° 9	2°59	2°27	3°54	18°40	W19
T 20	4 9 49	1°48'14	3♏17	4°53	25° 7	16°22	3°21	17°23	0°28	7°46	13°10	2°49	2°24	4° 1	18°42	T 20
F 21	4 13 46	2°49'21	15°31	6°27	26°22	16°39	3°15	17°20	0°31	7°45	13°11	2°36	2°21	4° 8	18°43	F 21
S 22	4 17 42	3°50'30	27°59	8° 2	27°37	16°56	3° 9	17°18	0°35	7°43	13°12	2°22	2°18	4°14	18°45	S 22
S 23	4 21 39	4°51'39	10♐39	9°37	28°52	17°12	3° 2	17°15	0°38	7°42	13°12	2° 7	2°14	4°21	18°47	S 23
M24	4 25 35	5°52'49	23°32	11°12	0♑ 6	17°27	2°56	17°13	0°41	7°40	13°13	1°54	2°11	4°28	18°48	M24
T 25	4 29 32	6°54'00	6♑36	12°47	1°21	17°43	2°49	17°11	0°45	7°39	13°13	1°43	2° 8	4°34	18°50	T 25
W26	4 33 28	7°55'10	19°51	14°22	2°36	17°57	2°43	17° 8	0°48	7°38	13°14	1°34	2° 5	4°41	18°52	W26
T 27	4 37 25	8°56'21	3♒17	15°58	3°51	18°11	2°36	17° 6	0°51	7°36	13°15	1°29	2° 2	4°48	18°54	T 27
F 28	4 41 22	9°57'33	16°52	17°33	5° 5	18°25	2°29	17° 4	0°55	7°35	13°15	1°27	1°58	4°54	18°56	F 28
S 29	4 45 18	10°58'44	0♓37	19° 9	6°20	18°37	2°22	17° 3	0°58	7°33	13°16	1°D26	1°55	5° 1	18°58	S 29
S 30	4 49 15	11♐59'56	14♓33	20♐45	7♑35	18♌50	2♋15	17♈ 1	1♑ 2	7♉32	13♍16	1°R26	1♍52	5♎ 8	19♒ 0	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s42	13s42	1n16	12s42	0n36	21s 9	0s35	19n48	1n56	23n29	0s 2	4n43	2s47	23s54	0s18	12n33	1s55	21n17	15n47	9n55	10n20	1n30	9s46	5n56
S 2	16 0	10 3	0 2	13 20	0 29	21 27	0 38	19 43	1 57	23 29	0 2	4 42	2 47	23 54	0 18	12 32	1 55	21 16	15 47	9 55	10 21	1 28	9 46	5 56
M 3	16 18	5 44	1s13	13 57	0 22	21 44	0 40	19 38	1 59	23 29	0 2	4 41	2 47	23 54	0 18	12 32	1 55	21 16	15 47	9 55	10 22	1 26	9 47	5 55
T 4	16 36	1 0	2 25	14 34	0 15	22 0	0 42	19 33	2 1	23 29	0 2	4 39	2 47	23 54	0 18	12 31	1 55	21 16	15 48	9 57	10 23	1 24	9 47	5 55
W 5	16 54	3n51	3 29	15 11	0 8	22 16	0 45	19 28	2 2	23 29	0 2	4 38	2 46	23 54	0 18	12 31	1 55	21 16	15 48	9 59	10 24	1 22	9 47	5 54
T 6	17 11	8 29	4 18	15 46	0 2	22 31	0 47	19 23	2 4	23 30	0 2	4 37	2 46	23 54	0 18	12 30	1 55	21 16	15 49	10 2	10 25	1 20	9 47	5 54
F 7	17 28	12 35	4 49	16 21	0s 5	22 45	0 50	19 18	2 6	23 30	0 2	4 35	2 46	23 54	0 18	12 30	1 55	21 16	15 49	10 5	10 26	1 18	9 47	5 54
S 8	17 45	15 51	5 1	16 55	0 12	22 59	0 52	19 13	2 7	23 30	0 2	4 34	2 46	23 54	0 18	12 29	1 55	21 16	15 50	10 10	10 28	1 16	9 47	5 53
S 9	18 2	18 4	4 54	17 29	0 18	23 12	0 54	19 9	2 9	23 31	0 1	4 33	2 46	23 54	0 18	12 29	1 55	21 16	15 51	10 14	10 29	1 14	9 48	5 53
M10	18 18	19 7	4 29	18 1	0 25	23 24	0 56	19 4	2 11	23 31	0 1	4 32	2 45	23 54	0 18	12 28	1 55	21 16	15 51	10 18	10 30	1 12	9 48	5 52
T 11	18 33	19 3	3 49	18 33	0 31	23 35	0 59	19 0	2 12	23 31	0 1	4 30	2 45	23 54	0 18	12 28	1 55	21 16	15 52	10 20	10 31	1 10	9 48	5 52
W12	18 49	17 57	2 59	19 4	0 37	23 46	1 1	18 55	2 14	23 31	0 1	4 29	2 45	23 54	0 18	12 27	1 55	21 16	15 52	10 22	10 32	1 8	9 48	5 52
T 13	19 4	16 0	2 2	19 34	0 44	23 57	1 3	18 51	2 16	23 32	0 1	4 28	2 45	23 54	0 18	12 27	1 55	21 17	15 53	10 23	10 33	1 6	9 48	5 51
F 14	19 19	13 22	1 0	20 3	0 50	24 6	1 5	18 47	2 18	23 32	0 1	4 27	2 45	23 54	0 18	12 26	1 55	21 17	15 53	10 24	10 35	1 4	9 48	5 51
S 15	19 33	10 12	0n 4	20 31	0 56	24 15	1 7	18 43	2 20	23 32	0 1	4 26	2 44	23 54	0 18	12 26	1 55	21 17	15 54	10 24	10 36	1 2	9 48	5 51
S 16	19 47	6 40	1 6	20 59	1 1	24 23	1 9	18 39	2 22	23 32	0 0	4 25	2 44	23 54	0 18	12 25	1 55	21 17	15 54	10 24	10 37	1 0	9 48	5 50
M17	20 1	2 54	2 5	21 25	1 7	24 30	1 11	18 35	2 23	23 33	0 0	4 24	2 44	23 54	0 18	12 25	1 55	21 17	15 55	10 24	10 38	0 58	9 48	5 50
T 18	20 14	0s59	2 59	21 50	1 13	24 37	1 13	18 31	2 25	23 33	0 0	4 23	2 44	23 54	0 18	12 24	1 55	21 17	15 55	10 26	10 39	0 56	9 48	5 49
W19	20 27	4 52	3 45	22 14	1 18	24 42	1 15	18 28	2 27	23 33	0n 0	4 22	2 43	23 54	0 18	12 24	1 55	21 17	15 56	10 29	10 40	0 54	9 48	5 49
T 20	20 40	8 36	4 22	22 37	1 23	24 47	1 17	18 24	2 29	23 34	0 0	4 22	2 43	23 54	0 18	12 23	1 55	21 18	15 56	10 32	10 41	0 52	9 48	5 49
F 21	20 52	12 1	4 47	22 59	1 28	24 52	1 19	18 21	2 31	23 34	0 0	4 21	2 43	23 54	0 18	12 23	1 55	21 18	15 57	10 37	10 43	0 50	9 47	5 48
S 22	21 4	14 59	4 59	23 19	1 33	24 55	1 20	18 18	2 33	23 34	0 0	4 20	2 43	23 54	0 18	12 22	1 55	21 18	15 57	10 42	10 44	0 48	9 47	5 48
S 23	21 15	17 18	4 57	23 39	1 38	24 58	1 22	18 15	2 35	23 35	0 1	4 19	2 42	23 54	0 18	12 22	1 55	21 18	15 58	10 47	10 45	0 46	9 47	5 48
M24	21 26	18 48	4 39	23 57	1 42	25 0	1 24	18 12	2 37	23 35	0 1	4 19	2 42	23 54	0 18	12 21	1 55	21 18	15 59	10 52	10 46	0 44	9 47	5 47
T 25	21 36	19 20	4 7	24 14	1 46	25 1	1 25	18 9	2 39	23 35	0 1	4 18	2 42	23 54	0 18	12 21	1 55	21 19	15 59	10 56	10 47	0 42	9 47	5 47
W26	21 47	18 49	3 21	24 30	1 50	25 1	1 27	18 6	2 41	23 35	0 1	4 17	2 42	23 54	0 18	12 21	1 55	21 19	16 0	10 59	10 48	0 40	9 47	5 47
T 27	21 56	17 14	2 23	24 44	1 53	25 1	1 29	18 4	2 43	23 36	0 1	4 17	2 41	23 54	0 18	12 20	1 54	21 19	16 0	11 1	10 49	0 38	9 46	5 46
F 28	22 6	14 41	1 16	24 57	1 57	25 0	1 30	18 2	2 45	23 36	0 1	4 16	2 41	23 54	0 18	12 20	1 54	21 20	16 1	11 2	10 51	0 36	9 46	5 46
S 29	22 14	11 16	0 4	25 8	2 0	24 58	1 31	17 59	2 47	23 36	0 1	4 16	2 41	23 54	0 18	12 19	1 54	21 20	16 1	11 2	10 52	0 34	9 46	5 46
S 30	22s23	7s11	1s 9	25s18	2s 2	24s55	1s33	17n58	2n49	23n37	0n 2	4n15	2s41	23s54	0s18	12n19	1s54	21n20	16n 2	11n 2	10n53	0n33	9s46	5n45

Julian Day Number = 1988725.5, Delta T = 55m54s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'21, Lahiri = 6°12'21 Julian Calendar 1 Nov. 732 == Greg. Calendar 5 Nov. 732

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ASTRODIENST EPHEMERIS for the year 732
geocentric

DECEMBER 732 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 53 11	13♐ 1'07	28♓40	22♐21	8♑49	19♌ 2	2°R 8	16°R59	1♑ 5	7°R31	13♍16	1°R25	1♍49	5♎14	19♒ 2	M 1
T 2	4 57 8	14° 2'19	12♈57	23°57	10° 4	19°13	2♋ 0	16♈58	1° 8	7♉29	13°17	1♍23	1°46	5°21	19° 4	T 2
W 3	5 1 4	15° 3'30	27°22	25°33	11°18	19°24	1°53	16°56	1°12	7°28	13°17	1°17	1°43	5°28	19° 6	W 3
T 4	5 5 1	16° 4'42	11♉50	27° 9	12°33	19°34	1°45	16°55	1°15	7°27	13°17	1° 9	1°39	5°34	19° 8	T 4
F 5	5 8 57	17° 5'53	26°18	28°45	13°47	19°43	1°38	16°54	1°19	7°26	13°18	0°58	1°36	5°41	19°10	F 5
S 6	5 12 54	18° 7'05	10♊37	0♑21	15° 2	19°52	1°30	16°52	1°22	7°24	13°18	0°46	1°33	5°48	19°13	S 6
S 7	5 16 51	19° 8'17	24°41	1°56	16°16	20° 0	1°22	16°51	1°26	7°23	13°18	0°35	1°30	5°54	19°15	S 7
M 8	5 20 47	20° 9'29	8♋26	3°32	17°31	20° 8	1°14	16°51	1°29	7°22	13°18	0°24	1°27	6° 1	19°18	M 8
T 9	5 24 44	21°10'41	21°49	5° 7	18°45	20°15	1° 7	16°50	1°33	7°21	13°18	0°16	1°24	6° 8	19°20	T 9
W10	5 28 40	22°11'53	4♌47	6°42	20° 0	20°21	0°59	16°49	1°36	7°20	13°19	0°10	1°20	6°14	19°23	W10
T 11	5 32 37	23°13'05	17°24	8°16	21°14	20°27	0°51	16°49	1°40	7°19	13°19	0° 7	1°17	6°21	19°25	T 11
F 12	5 36 33	24°14'18	29°41	9°49	22°29	20°32	0°43	16°48	1°43	7°18	13°R19	0°D 7	1°14	6°28	19°28	F 12
S 13	5 40 30	25°15'30	11♍44	11°21	23°43	20°36	0°35	16°48	1°47	7°17	13°19	0° 7	1°11	6°34	19°30	S 13
S 14	5 44 26	26°16'43	23°37	12°51	24°57	20°40	0°27	16°48	1°51	7°16	13°19	0°R 8	1° 8	6°41	19°33	S 14
M15	5 48 23	27°17'55	5♎26	14°20	26°12	20°42	0°19	16°D48	1°54	7°15	13°19	0° 7	1° 4	6°48	19°36	M15
T 16	5 52 20	28°19'08	17°16	15°48	27°26	20°45	0°11	16°48	1°58	7°14	13°18	0° 5	1° 1	6°54	19°39	T 16
W17	5 56 16	29°20'21	29°12	17°12	28°40	20°46	0° 2	16°48	2° 1	7°13	13°18	0° 1	0°58	7° 1	19°41	W17
T 18	6 0 13	0♑21'34	11♏19	18°34	29°54	20°R46	29♊54	16°48	2° 5	7°12	13°18	29♌54	0°55	7° 8	19°44	T 18
F 19	6 4 9	1°22'46	23°41	19°52	1♒ 8	20°46	29°46	16°48	2° 8	7°11	13°18	29°45	0°52	7°14	19°47	F 19
S 20	6 8 6	2°23'58	6♐19	21° 7	2°23	20°45	29°38	16°49	2°12	7°10	13°18	29°34	0°49	7°21	19°50	S 20
S 21	6 12 2	3°25'11	19°14	22°17	3°37	20°44	29°30	16°49	2°16	7°10	13°17	29°23	0°45	7°28	19°53	S 21
M22	6 15 59	4°26'22	2♑27	23°21	4°51	20°41	29°22	16°50	2°19	7° 9	13°17	29°13	0°42	7°34	19°56	M22
T 23	6 19 55	5°27'34	15°55	24°19	6° 5	20°38	29°14	16°51	2°23	7° 8	13°17	29° 5	0°39	7°41	19°59	T 23
W24	6 23 52	6°28'44	29°35	25°10	7°19	20°34	29° 6	16°52	2°26	7° 7	13°16	28°59	0°36	7°48	20° 2	W24
T 25	6 27 49	7°29'54	13♒26	25°53	8°33	20°29	28°58	16°53	2°30	7° 7	13°16	28°55	0°33	7°54	20° 5	T 25
F 26	6 31 45	8°31'03	27°23	26°28	9°47	20°23	28°50	16°54	2°33	7° 6	13°16	28°D54	0°29	8° 1	20° 9	F 26
S 27	6 35 42	9°32'11	11♓25	26°52	11° 1	20°17	28°42	16°55	2°37	7° 5	13°15	28°54	0°26	8° 8	20°12	S 27
S 28	6 39 38	10°33'18	25°30	27° 7	12°15	20° 9	28°34	16°56	2°40	7° 5	13°15	28°56	0°23	8°14	20°15	S 28
M29	6 43 35	11°34'25	9♈37	27°R10	13°28	20° 1	28°27	16°58	2°44	7° 4	13°14	28°R56	0°20	8°21	20°18	M29
T 30	6 47 31	12°35'29	23°45	27° 1	14°42	19°52	28°19	17° 0	2°48	7° 4	13°13	28°56	0°17	8°28	20°22	T 30
W31	6 51 28	13♑36'33	7♉51	26♑42	15♒56	19♌43	28♊11	17♈ 1	2♑51	7♉ 3	13♍13	28♌53	0♍14	8♎35	20♒25	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s31	2s39	2s19	25s27	2s 5	24s52	1s34	17n56	2n51	23n37	0n 2	4n15	2s40	23s54	0s18	12n19	1s54	21n21	16n 3	11n 2	10n54	0n31	9s45	5n45
T 2	22 38	2n 4	3 21	25 34	2 7	24 48	1 35	17 54	2 54	23 37	0 2	4 15	2 40	23 54	0 18	12 18	1 54	21 21	16 3	11 3	10 55	0 29	9 45	5 45
W 3	22 45	6 42	4 11	25 39	2 8	24 43	1 36	17 53	2 56	23 37	0 2	4 14	2 40	23 54	0 18	12 18	1 54	21 21	16 4	11 5	10 56	0 27	9 45	5 44
T 4	22 52	10 58	4 45	25 43	2 9	24 37	1 37	17 52	2 58	23 38	0 2	4 14	2 39	23 54	0 18	12 17	1 54	21 22	16 4	11 8	10 57	0 25	9 44	5 44
F 5	22 58	14 35	5 0	25 46	2 10	24 31	1 38	17 51	3 0	23 38	0 2	4 14	2 39	23 54	0 18	12 17	1 54	21 22	16 5	11 12	10 59	0 23	9 44	5 44
S 6	23 4	17 17	4 57	25 46	2 10	24 23	1 39	17 50	3 2	23 38	0 3	4 14	2 39	23 54	0 18	12 17	1 54	21 23	16 5	11 16	11 0	0 21	9 43	5 43
S 7	23 9	18 54	4 36	25 45	2 10	24 15	1 40	17 49	3 4	23 38	0 3	4 14	2 39	23 54	0 18	12 16	1 54	21 23	16 6	11 21	11 1	0 19	9 43	5 43
M 8	23 14	19 22	3 58	25 42	2 9	24 7	1 41	17 49	3 7	23 38	0 3	4 14	2 38	23 54	0 18	12 16	1 54	21 23	16 6	11 24	11 2	0 17	9 43	5 43
T 9	23 18	18 43	3 9	25 38	2 8	23 57	1 42	17 49	3 9	23 39	0 3	4 14	2 38	23 54	0 18	12 16	1 54	21 24	16 7	11 27	11 3	0 15	9 42	5 42
W10	23 22	17 5	2 11	25 32	2 6	23 47	1 42	17 49	3 11	23 39	0 3	4 14	2 38	23 54	0 18	12 15	1 54	21 24	16 8	11 29	11 4	0 13	9 42	5 42
T 11	23 26	14 39	1 7	25 24	2 4	23 36	1 43	17 49	3 14	23 39	0 3	4 14	2 37	23 54	0 18	12 15	1 54	21 25	16 8	11 30	11 5	0 11	9 41	5 42
F 12	23 28	11 37	0 2	25 14	2 0	23 25	1 43	17 50	3 16	23 39	0 3	4 14	2 37	23 54	0 18	12 15	1 54	21 25	16 9	11 31	11 7	0 9	9 41	5 41
S 13	23 31	8 10	1n 2	25 3	1 57	23 12	1 44	17 51	3 18	23 40	0 4	4 14	2 37	23 54	0 18	12 15	1 54	21 26	16 9	11 30	11 8	0 7	9 40	5 41
S 14	23 33	4 25	2 2	24 50	1 52	23 0	1 44	17 52	3 20	23 40	0 4	4 14	2 36	23 54	0 18	12 14	1 54	21 26	16 10	11 30	11 9	0 5	9 40	5 41
M15	23 34	0 32	2 57	24 35	1 47	22 46	1 45	17 53	3 23	23 40	0 4	4 14	2 36	23 53	0 18	12 14	1 54	21 27	16 10	11 30	11 10	0 3	9 39	5 40
T 16	23 35	3s22	3 44	24 19	1 40	22 32	1 45	17 55	3 25	23 40	0 4	4 15	2 36	23 53	0 18	12 14	1 54	21 28	16 11	11 31	11 11	0 1	9 38	5 40
W17	23 36	7 11	4 22	24 2	1 33	22 17	1 45	17 56	3 27	23 40	0 4	4 15	2 36	23 53	0 18	12 14	1 54	21 28	16 12	11 33	11 12	0s 1	9 38	5 40
T 18	23 36	10 45	4 49	23 43	1 25	22 1	1 45	17 58	3 30	23 40	0 4	4 15	2 35	23 53	0 18	12 13	1 53	21 29	16 12	11 35	11 13	0 3	9 37	5 40
F 19	23 36	13 55	5 3	23 23	1 16	21 45	1 45	18 1	3 32	23 40	0 4	4 16	2 35	23 53	0 18	12 13	1 53	21 29	16 13	11 38	11 14	0 5	9 37	5 39
S 20	23 35	16 32	5 3	23 1	1 6	21 28	1 45	18 3	3 34	23 41	0 5	4 16	2 35	23 53	0 18	12 13	1 53	21 30	16 13	11 42	11 16	0 7	9 36	5 39
S 21	23 33	18 24	4 47	22 39	0 56	21 10	1 45	18 6	3 37	23 41	0 5	4 17	2 34	23 53	0 18	12 13	1 53	21 30	16 14	11 46	11 17	0 9	9 35	5 39
M22	23 32	19 19	4 16	22 17	0 44	20 52	1 44	18 9	3 39	23 41	0 5	4 17	2 34	23 53	0 18	12 12	1 53	21 31	16 14	11 49	11 18	0 11	9 35	5 39
T 23	23 29	19 10	3 30	21 54	0 30	20 33	1 44	18 12	3 41	23 41	0 5	4 18	2 34	23 53	0 18	12 12	1 53	21 32	16 15	11 52	11 19	0 13	9 34	5 38
W24	23 26	17 55	2 31	21 31	0 16	20 14	1 44	18 16	3 44	23 41	0 5	4 18	2 33	23 53	0 18	12 12	1 53	21 32	16 15	11 54	11 20	0 15	9 33	5 38
T 25	23 23	15 35	1 22	21 8	0 1	19 54	1 43	18 19	3 46	23 41	0 5	4 19	2 33	23 53	0 18	12 12	1 53	21 33	16 16	11 56	11 21	0 17	9 32	5 38
F 26	23 19	12 20	0 8	20 46	0n15	19 34	1 43	18 24	3 48	23 41	0 5	4 20	2 33	23 53	0 18	12 12	1 53	21 34	16 16	11 56	11 22	0 19	9 32	5 38
S 27	23 15	8 22	1s 7	20 24	0 32	19 13	1 42	18 28	3 51	23 41	0 6	4 21	2 33	23 53	0 18	12 12	1 53	21 34	16 17	11 56	11 24	0 21	9 31	5 37
S 28	23 11	3 55	2 19	20 4	0 49	18 51	1 41	18 32	3 53	23 41	0 6	4 21	2 32	23 53	0 18	12 11	1 53	21 35	16 18	11 56	11 25	0 23	9 30	5 37
M29	23 6	0n45	3 22	19 46	1 8	18 29	1 40	18 37	3 55	23 41	0 6	4 22	2 32	23 53	0 18	12 11	1 53	21 36	16 18	11 55	11 26	0 25	9 29	5 37
T 30	23 0	5 22	4 13	19 29	1 26	18 7	1 39	18 42	3 57	23 41	0 6	4 23	2 32	23 53	0 18	12 11	1 53	21 36	16 19	11 55	11 27	0 27	9 28	5 37
W31	22s54	9n40	4s48	19s15	1n45	17s44	1s38	18n47	3n59	23n41	0n 6	4n24	2s31	23s53	0s18	12n11	1s53	21n37	16n19	11n56	11n28	0s29	9s28	5n36

Julian Day Number = 1988755.5, Delta T = 55m53s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'25, Lahiri = 6°12'25 Julian Calendar 1 Dec. 732 == Greg. Calendar 5 Dec. 732

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ASTRODIENST EPHEMERIS for the year 733
geocentric

JANUARY 733 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 55 24	14♉37'36	21♉55	26°R10	17♒ 9	19°R32	28°R 4	17♈ 3	2♉55	7°R 3	13°R12	28°R49	0♍10	8♎41	20♒28	T 1
F 2	6 59 21	15°38'38	5♊54	25♉28	18°23	19♌21	27♊57	17° 5	2°58	7♉ 3	13♍11	28♌43	0° 7	8°48	20°32	F 2
S 3	7 3 18	16°39'39	19°43	24°36	19°37	19° 9	27°49	17° 7	3° 2	7° 2	13°11	28°35	0° 4	8°55	20°35	S 3
S 4	7 7 14	17°40'38	3♋21	23°36	20°50	18°56	27°42	17° 9	3° 5	7° 2	13°10	28°28	0° 1	9° 1	20°39	S 4
M 5	7 11 11	18°41'37	16°44	22°28	22° 4	18°43	27°35	17°11	3° 9	7° 2	13° 9	28°22	29♌58	9° 8	20°42	M 5
T 6	7 15 7	19°42'34	29°50	21°17	23°17	18°28	27°28	17°14	3°12	7° 1	13° 9	28°17	29°55	9°15	20°46	T 6
W 7	7 19 4	20°43'31	12♌38	20° 2	24°30	18°13	27°21	17°16	3°16	7° 1	13° 8	28°13	29°51	9°21	20°49	W 7
T 8	7 23 0	21°44'26	25° 9	18°47	25°44	17°57	27°14	17°19	3°19	7° 1	13° 7	28°D12	29°48	9°28	20°53	T 8
F 9	7 26 57	22°45'21	7♍25	17°34	26°57	17°41	27° 8	17°21	3°22	7° 1	13° 6	28°13	29°45	9°35	20°56	F 9
S 10	7 30 54	23°46'14	19°28	16°25	28°10	17°24	27° 1	17°24	3°26	7° 0	13° 5	28°14	29°42	9°41	21° 0	S 10
S 11	7 34 50	24°47'06	1♎22	15°21	29°23	17° 6	26°55	17°27	3°29	7° 0	13° 4	28°16	29°39	9°48	21° 3	S 11
M12	7 38 47	25°47'58	13°12	14°24	0♓36	16°48	26°48	17°30	3°33	7° 0	13° 3	28°17	29°35	9°55	21° 7	M12
T 13	7 42 43	26°48'48	25° 2	13°34	1°49	16°29	26°42	17°33	3°36	7°D 0	13° 2	28°R18	29°32	10° 1	21°11	T 13
W14	7 46 40	27°49'38	6♏59	12°51	3° 2	16° 9	26°36	17°36	3°39	7° 0	13° 1	28°18	29°29	10° 8	21°14	W14
T 15	7 50 36	28°50'27	19° 7	12°18	4°15	15°49	26°30	17°39	3°43	7° 0	13° 0	28°16	29°26	10°15	21°18	T 15
F 16	7 54 33	29°51'14	1♐29	11°52	5°28	15°28	26°25	17°43	3°46	7° 0	12°59	28°13	29°23	10°21	21°22	F 16
S 17	7 58 29	0♒52'00	14°11	11°35	6°40	15° 7	26°19	17°46	3°49	7° 1	12°58	28° 9	29°20	10°28	21°26	S 17
S 18	8 2 26	1°52'46	27°13	11°26	7°53	14°45	26°14	17°50	3°52	7° 1	12°57	28° 5	29°16	10°35	21°29	S 18
M19	8 6 23	2°53'30	10♑38	11°D24	9° 5	14°23	26° 8	17°54	3°56	7° 1	12°56	28° 0	29°13	10°41	21°33	M19
T 20	8 10 19	3°54'12	24°23	11°29	10°18	14° 0	26° 3	17°57	3°59	7° 1	12°55	27°57	29°10	10°48	21°37	T 20
W21	8 14 16	4°54'53	8♒27	11°41	11°30	13°38	25°58	18° 1	4° 2	7° 1	12°53	27°55	29° 7	10°55	21°41	W21
T 22	8 18 12	5°55'33	22°44	12° 0	12°43	13°14	25°54	18° 5	4° 5	7° 2	12°52	27°D54	29° 4	11° 1	21°45	T 22
F 23	8 22 9	6°56'11	7♓10	12°24	13°55	12°51	25°49	18° 9	4° 8	7° 2	12°51	27°54	29° 1	11° 8	21°49	F 23
S 24	8 26 5	7°56'47	21°40	12°53	15° 7	12°28	25°45	18°13	4°12	7° 2	12°50	27°55	28°57	11°15	21°52	S 24
S 25	8 30 2	8°57'21	6♈ 7	13°28	16°19	12° 4	25°41	18°18	4°15	7° 3	12°48	27°56	28°54	11°21	21°56	S 25
M26	8 33 58	9°57'54	20°29	14° 6	17°31	11°40	25°37	18°22	4°18	7° 3	12°47	27°57	28°51	11°28	22° 0	M26
T 27	8 37 55	10°58'24	4♉43	14°49	18°43	11°16	25°33	18°26	4°21	7° 4	12°46	27°R58	28°48	11°35	22° 4	T 27
W28	8 41 51	11°58'53	18°45	15°36	19°55	10°52	25°29	18°31	4°24	7° 4	12°45	27°58	28°45	11°42	22° 8	W28
T 29	8 45 48	12°59'20	2♊35	16°27	21° 7	10°28	25°26	18°35	4°27	7° 5	12°43	27°57	28°41	11°48	22°12	T 29
F 30	8 49 45	13°59'44	16°13	17°20	22°18	10° 5	25°22	18°40	4°30	7° 5	12°42	27°56	28°38	11°55	22°16	F 30
S 31	8 53 41	15♒ 0'07	29♊37	18♉17	23♓30	9♌41	25♊19	18♈45	4♉33	7♉ 6	12♍40	27♌54	28♌35	12♎ 2	22♒20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s48	13n26	5s 7	19s 3	2n 3	17s21	1s37	18n52	4n 2	23n41	0n 6	4n25	2s31	23s53	0s18	12n11	1s53	21n38	16n20	11n58	11n29	0s31	9s27	5n36
F 2	22 41	16 24	5 6	18 53	2 21	16 57	1 36	18 58	4 4	23 41	0 6	4 26	2 31	23 52	0 18	12 11	1 53	21 39	16 20	12 0	11 30	0 33	9 26	5 36
S 3	22 33	18 24	4 48	18 46	2 37	16 32	1 35	19 4	4 6	23 41	0 7	4 27	2 30	23 52	0 18	12 11	1 53	21 39	16 21	12 3	11 31	0 35	9 25	5 36
S 4	22 25	19 20	4 14	18 41	2 53	16 7	1 34	19 10	4 8	23 42	0 7	4 28	2 30	23 52	0 18	12 11	1 52	21 40	16 21	12 5	11 33	0 37	9 24	5 36
M 5	22 17	19 8	3 26	18 39	3 6	15 42	1 32	19 16	4 10	23 42	0 7	4 29	2 30	23 52	0 18	12 11	1 52	21 41	16 22	12 7	11 34	0 39	9 23	5 35
T 6	22 9	17 54	2 28	18 39	3 17	15 17	1 31	19 22	4 12	23 42	0 7	4 31	2 30	23 52	0 18	12 11	1 52	21 42	16 22	12 9	11 35	0 41	9 22	5 35
W 7	21 59	15 47	1 24	18 41	3 27	14 51	1 29	19 29	4 14	23 42	0 7	4 32	2 29	23 52	0 18	12 11	1 52	21 42	16 23	12 10	11 36	0 43	9 21	5 35
T 8	21 50	12 58	0 17	18 45	3 33	14 24	1 28	19 36	4 15	23 42	0 7	4 33	2 29	23 52	0 19	12 11	1 52	21 43	16 23	12 11	11 37	0 45	9 21	5 35
F 9	21 40	9 37	0n50	18 51	3 37	13 57	1 26	19 43	4 17	23 41	0 7	4 34	2 29	23 52	0 19	12 11	1 52	21 44	16 23	12 11	11 38	0 47	9 20	5 35
S 10	21 30	5 56	1 54	18 57	3 39	13 30	1 24	19 50	4 19	23 41	0 7	4 36	2 28	23 52	0 19	12 11	1 52	21 45	16 24	12 10	11 39	0 49	9 19	5 34
S 11	21 19	2 4	2 51	19 5	3 39	13 3	1 22	19 57	4 20	23 41	0 8	4 37	2 28	23 52	0 19	12 11	1 52	21 45	16 24	12 9	11 40	0 51	9 18	5 34
M12	21 8	1s51	3 42	19 14	3 36	12 35	1 20	20 4	4 22	23 41	0 8	4 38	2 28	23 52	0 19	12 11	1 52	21 46	16 25	12 9	11 42	0 53	9 17	5 34
T 13	20 56	5 41	4 22	19 24	3 32	12 7	1 18	20 11	4 23	23 41	0 8	4 40	2 28	23 52	0 19	12 11	1 52	21 47	16 25	12 9	11 43	0 55	9 16	5 34
W14	20 44	9 20	4 52	19 34	3 26	11 38	1 16	20 19	4 25	23 41	0 8	4 41	2 27	23 52	0 19	12 11	1 52	21 48	16 26	12 9	11 44	0 57	9 15	5 34
T 15	20 32	12 39	5 10	19 45	3 18	11 10	1 14	20 26	4 26	23 41	0 8	4 43	2 27	23 51	0 19	12 11	1 52	21 49	16 26	12 9	11 45	0 59	9 14	5 34
F 16	20 19	15 29	5 13	19 55	3 9	10 41	1 12	20 33	4 27	23 41	0 8	4 44	2 27	23 51	0 19	12 11	1 52	21 49	16 27	12 10	11 46	1 1	9 13	5 33
S 17	20 6	17 40	5 1	20 6	3 0	10 12	1 9	20 41	4 29	23 41	0 8	4 46	2 26	23 51	0 19	12 11	1 52	21 50	16 27	12 12	11 47	1 3	9 12	5 33
S 18	19 52	19 0	4 34	20 18	2 49	9 42	1 7	20 49	4 30	23 41	0 8	4 48	2 26	23 51	0 19	12 11	1 52	21 51	16 27	12 13	11 48	1 5	9 11	5 33
M19	19 39	19 20	3 51	20 28	2 39	9 12	1 4	20 56	4 31	23 41	0 9	4 49	2 26	23 51	0 19	12 12	1 51	21 52	16 28	12 15	11 49	1 7	9 9	5 33
T 20	19 24	18 32	2 54	20 39	2 27	8 42	1 2	21 4	4 31	23 41	0 9	4 51	2 26	23 51	0 19	12 12	1 51	21 53	16 28	12 16	11 50	1 9	9 8	5 33
W21	19 10	16 35	1 45	20 50	2 16	8 12	0 59	21 11	4 32	23 41	0 9	4 53	2 25	23 51	0 19	12 12	1 51	21 54	16 29	12 17	11 52	1 11	9 7	5 33
T 22	18 55	13 35	0 28	21 0	2 4	7 42	0 56	21 19	4 33	23 41	0 9	4 54	2 25	23 51	0 19	12 12	1 51	21 54	16 29	12 17	11 53	1 13	9 6	5 33
F 23	18 40	9 43	0s51	21 9	1 52	7 11	0 54	21 26	4 33	23 41	0 9	4 56	2 25	23 51	0 19	12 12	1 51	21 55	16 29	12 17	11 54	1 15	9 5	5 33
S 24	18 24	5 17	2 8	21 18	1 41	6 41	0 51	21 33	4 34	23 41	0 9	4 58	2 25	23 51	0 19	12 12	1 51	21 56	16 30	12 17	11 55	1 17	9 4	5 32
S 25	18 8	0 33	3 16	21 26	1 29	6 10	0 48	21 40	4 34	23 41	0 9	5 0	2 24	23 51	0 19	12 13	1 51	21 57	16 30	12 16	11 56	1 19	9 3	5 32
M26	17 52	4n11	4 11	21 34	1 17	5 39	0 45	21 47	4 34	23 41	0 9	5 2	2 24	23 51	0 19	12 13	1 51	21 58	16 30	12 16	11 57	1 21	9 2	5 32
T 27	17 36	8 37	4 51	21 41	1 6	5 8	0 42	21 54	4 34	23 41	0 10	5 4	2 24	23 51	0 19	12 13	1 51	21 58	16 31	12 16	11 58	1 23	9 1	5 32
W28	17 19	12 31	5 12	21 47	0 55	4 37	0 39	22 1	4 34	23 41	0 10	5 6	2 23	23 50	0 19	12 13	1 51	21 59	16 31	12 16	11 59	1 25	8 59	5 32
T 29	17 2	15 40	5 15	21 52	0 44	4 5	0 35	22 8	4 34	23 41	0 10	5 8	2 23	23 50	0 19	12 13	1 51	22 0	16 31	12 16	12 0	1 28	8 58	5 32
F 30	16 44	17 54	5 0	21 55	0 33	3 34	0 32	22 14	4 34	23 41	0 10	5 10	2 23	23 50	0 19	12 14	1 51	22 1	16 32	12 16	12 2	1 30	8 57	5 32
S 31	16s27	19n 7	4s29	21s58	0n22	3s 2	0s29	22n20	4n34	23n41	0n10	5n12	2s23	23s50	0s19	12n14	1s51	22n 2	16n32	12n17	12n 3	1s32	8s56	5n32

Julian Day Number = 1988786.5, Delta T = 55m53s
Ecliptic obliquity = 23°36'02, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'29, Lahiri = 6°12'29 Julian Calendar 1 Jan. 733 == Greg. Calendar 5 Jan. 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

FEBRUARY 733 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 57 38	16♒ 0'28	12♋48	19♉17	24♓41	9°R17	25°R16	18♈50	4♉36	7♉ 6	12°R39	27°R52	28♌32	12♎ 8	22♒24	S 1
M 2	9 1 34	17° 0'46	25°45	20°19	25°53	8♌54	25♊14	18°54	4°38	7° 7	12♍38	27♌51	28°29	12°15	22°28	M 2
T 3	9 5 31	18° 1'03	8♌30	21°23	27° 4	8°31	25°11	18°59	4°41	7° 8	12°36	27°50	28°26	12°22	22°31	T 3
W 4	9 9 27	19° 1'18	21° 1	22°30	28°15	8° 8	25° 9	19° 4	4°44	7° 8	12°35	27°49	28°22	12°28	22°35	W 4
T 5	9 13 24	20° 1'31	3♍20	23°39	29°26	7°46	25° 7	19°10	4°47	7° 9	12°33	27°D49	28°19	12°35	22°39	T 5
F 6	9 17 20	21° 1'43	15°28	24°50	0♈37	7°24	25° 5	19°15	4°50	7°10	12°32	27°50	28°16	12°42	22°43	F 6
S 7	9 21 17	22° 1'52	27°28	26° 3	1°47	7° 2	25° 3	19°20	4°52	7°11	12°30	27°50	28°13	12°48	22°47	S 7
S 8	9 25 14	23° 2'00	9♎21	27°18	2°58	6°41	25° 1	19°25	4°55	7°12	12°29	27°51	28°10	12°55	22°51	S 8
M 9	9 29 10	24° 2'06	21°11	28°34	4° 8	6°20	25° 0	19°31	4°58	7°12	12°27	27°51	28° 7	13° 2	22°55	M 9
T 10	9 33 7	25° 2'10	3♏ 2	29°52	5°19	6° 0	24°59	19°36	5° 0	7°13	12°26	27°52	28° 3	13° 8	22°59	T 10
W11	9 37 3	26° 2'13	14°58	1♒12	6°29	5°40	24°58	19°42	5° 3	7°14	12°24	27°52	28° 0	13°15	23° 3	W11
T 12	9 41 0	27° 2'14	27° 4	2°33	7°39	5°21	24°57	19°48	5° 5	7°15	12°23	27°52	27°57	13°22	23° 7	T 12
F 13	9 44 56	28° 2'14	9♐24	3°55	8°49	5° 3	24°57	19°53	5° 8	7°16	12°21	27°52	27°54	13°28	23°11	F 13
S 14	9 48 53	29° 2'11	22° 2	5°20	9°59	4°45	24°56	19°59	5°10	7°17	12°19	27°52	27°51	13°35	23°15	S 14
S 15	9 52 49	0♓ 2'07	5♑ 3	6°45	11° 9	4°27	24°D56	20° 5	5°13	7°18	12°18	27°52	27°47	13°42	23°19	S 15
M16	9 56 46	1° 2'02	18°28	8°12	12°18	4°11	24°56	20°11	5°15	7°20	12°16	27°52	27°44	13°49	23°23	M16
T 17	10 0 43	2° 1'54	2♒19	9°40	13°28	3°55	24°56	20°17	5°17	7°21	12°15	27°53	27°41	13°55	23°27	T 17
W18	10 4 39	3° 1'45	16°34	11° 9	14°37	3°40	24°57	20°23	5°20	7°22	12°13	27°53	27°38	14° 2	23°31	W18
T 19	10 8 36	4° 1'33	1♓ 9	12°40	15°46	3°25	24°57	20°29	5°22	7°23	12°11	27°R53	27°35	14° 9	23°34	T 19
F 20	10 12 32	5° 1'20	15°59	14°12	16°55	3°12	24°58	20°35	5°24	7°24	12°10	27°53	27°32	14°15	23°38	F 20
S 21	10 16 29	6° 1'04	0♈55	15°45	18° 4	2°59	24°59	20°42	5°26	7°26	12° 8	27°52	27°28	14°22	23°42	S 21
S 22	10 20 25	7° 0'46	15°50	17°19	19°13	2°46	25° 0	20°48	5°29	7°27	12° 6	27°51	27°25	14°29	23°46	S 22
M23	10 24 22	8° 0'26	0♉35	18°55	20°21	2°35	25° 2	20°54	5°31	7°28	12° 5	27°50	27°22	14°35	23°50	M23
T 24	10 28 18	9° 0'04	15° 5	20°32	21°30	2°24	25° 3	21° 1	5°33	7°29	12° 3	27°49	27°19	14°42	23°54	T 24
W25	10 32 15	9°59'39	29°16	22°10	22°38	2°15	25° 5	21° 7	5°35	7°31	12° 2	27°48	27°16	14°49	23°58	W25
T 26	10 36 12	10°59'12	13♊ 7	23°49	23°46	2° 5	25° 7	21°14	5°37	7°32	12° 0	27°D48	27°12	14°55	24° 1	T 26
F 27	10 40 8	11°58'43	26°36	25°30	24°54	1°57	25° 9	21°20	5°39	7°34	11°58	27°48	27° 9	15° 2	24° 5	F 27
S 28	10 44 5	12♓58'11	9♋46	27♒12	26♈ 1	1♌50	25♊11	21♈27	5♉41	7♉35	11♍57	27♌49	27♌ 6	15♎ 9	24♒ 9	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s 9	19n15	3s44	22s 0	0n12	2s31	0s26	22n26	4n33	23n41	0n10	5n14	2s22	23s50	0s19	12n14	1s51	22n 3	16n32	12n18	12n 4	1s34	8s55	5n32
M 2	15 51	18 22	2 49	22 1	0 2	1 59	0 22	22 32	4 33	23 41	0 10	5 16	2 22	23 50	0 19	12 14	1 51	22 3	16 33	12 18	12 5	1 36	8 53	5 32
T 3	15 32	16 34	1 45	22 1	0s 7	1 28	0 19	22 38	4 32	23 41	0 10	5 18	2 22	23 50	0 19	12 15	1 50	22 4	16 33	12 18	12 6	1 38	8 52	5 32
W 4	15 13	14 0	0 38	21 59	0 17	0 56	0 15	22 43	4 31	23 41	0 10	5 20	2 22	23 50	0 19	12 15	1 50	22 5	16 33	12 19	12 7	1 40	8 51	5 32
T 5	14 54	10 50	0n31	21 56	0 26	0 24	0 12	22 48	4 31	23 41	0 11	5 22	2 22	23 50	0 19	12 15	1 50	22 6	16 33	12 19	12 8	1 42	8 50	5 32
F 6	14 35	7 15	1 36	21 52	0 35	0n 7	0 8	22 53	4 30	23 41	0 11	5 24	2 21	23 50	0 19	12 16	1 50	22 7	16 34	12 19	12 9	1 44	8 49	5 31
S 7	14 16	3 25	2 37	21 47	0 43	0 39	0 4	22 58	4 29	23 41	0 11	5 27	2 21	23 50	0 19	12 16	1 50	22 8	16 34	12 18	12 10	1 46	8 47	5 31
S 8	13 56	0s30	3 31	21 40	0 51	1 11	0 0	23 2	4 27	23 41	0 11	5 29	2 21	23 50	0 19	12 16	1 50	22 8	16 34	12 18	12 12	1 48	8 46	5 31
M 9	13 36	4 23	4 15	21 33	0 59	1 42	0n 3	23 6	4 26	23 41	0 11	5 31	2 21	23 49	0 19	12 17	1 50	22 9	16 34	12 18	12 13	1 50	8 45	5 31
T 10	13 16	8 5	4 48	21 23	1 6	2 14	0 7	23 10	4 25	23 41	0 11	5 33	2 20	23 49	0 19	12 17	1 50	22 10	16 35	12 18	12 14	1 52	8 44	5 31
W11	12 55	11 30	5 10	21 13	1 13	2 46	0 11	23 14	4 24	23 41	0 11	5 36	2 20	23 49	0 19	12 17	1 50	22 11	16 35	12 18	12 15	1 54	8 42	5 31
T 12	12 35	14 29	5 18	21 1	1 20	3 17	0 15	23 17	4 22	23 41	0 11	5 38	2 20	23 49	0 19	12 18	1 50	22 12	16 35	12 18	12 16	1 56	8 41	5 31
F 13	12 14	16 53	5 11	20 48	1 26	3 48	0 19	23 21	4 20	23 42	0 11	5 40	2 20	23 49	0 19	12 18	1 50	22 12	16 35	12 18	12 17	1 58	8 40	5 31
S 14	11 53	18 32	4 50	20 33	1 32	4 20	0 23	23 23	4 19	23 42	0 11	5 43	2 20	23 49	0 19	12 19	1 50	22 13	16 35	12 18	12 18	2 0	8 39	5 31
S 15	11 32	19 17	4 13	20 17	1 38	4 51	0 27	23 26	4 17	23 42	0 12	5 45	2 19	23 49	0 19	12 19	1 50	22 14	16 36	12 18	12 19	2 2	8 37	5 31
M16	11 11	18 59	3 22	20 0	1 43	5 22	0 31	23 28	4 15	23 42	0 12	5 48	2 19	23 49	0 19	12 19	1 50	22 15	16 36	12 18	12 20	2 4	8 36	5 31
T 17	10 49	17 33	2 17	19 41	1 48	5 53	0 35	23 30	4 14	23 42	0 12	5 50	2 19	23 49	0 19	12 20	1 50	22 16	16 36	12 17	12 21	2 6	8 35	5 31
W18	10 28	14 59	1 2	19 20	1 52	6 24	0 39	23 32	4 12	23 42	0 12	5 53	2 19	23 49	0 19	12 20	1 50	22 16	16 36	12 17	12 23	2 8	8 33	5 31
T 19	10 6	11 25	0s18	18 58	1 56	6 55	0 43	23 34	4 10	23 42	0 12	5 55	2 19	23 49	0 19	12 21	1 49	22 17	16 36	12 17	12 24	2 10	8 32	5 31
F 20	9 44	7 5	1 39	18 35	2 0	7 25	0 47	23 35	4 8	23 42	0 12	5 58	2 18	23 49	0 19	12 21	1 49	22 18	16 36	12 17	12 25	2 12	8 31	5 31
S 21	9 22	2 17	2 53	18 11	2 3	7 56	0 52	23 36	4 6	23 42	0 12	6 0	2 18	23 49	0 19	12 22	1 49	22 19	16 37	12 18	12 26	2 14	8 30	5 31
S 22	9 0	2n39	3 56	17 44	2 6	8 26	0 56	23 37	4 4	23 42	0 12	6 3	2 18	23 48	0 19	12 22	1 49	22 19	16 37	12 18	12 27	2 16	8 28	5 31
M23	8 37	7 21	4 42	17 17	2 8	8 56	1 0	23 38	4 2	23 43	0 12	6 5	2 18	23 48	0 19	12 23	1 49	22 20	16 37	12 18	12 28	2 18	8 27	5 32
T 24	8 15	11 33	5 9	16 48	2 10	9 26	1 4	23 38	3 59	23 43	0 12	6 8	2 18	23 48	0 19	12 23	1 49	22 21	16 37	12 19	12 29	2 20	8 26	5 32
W25	7 52	14 58	5 17	16 17	2 12	9 55	1 8	23 38	3 57	23 43	0 12	6 10	2 17	23 48	0 19	12 24	1 49	22 22	16 37	12 19	12 30	2 22	8 24	5 32
T 26	7 30	17 28	5 6	15 45	2 13	10 25	1 13	23 38	3 55	23 43	0 12	6 13	2 17	23 48	0 19	12 24	1 49	22 22	16 37	12 19	12 31	2 24	8 23	5 32
F 27	7 7	18 56	4 38	15 12	2 13	10 54	1 17	23 38	3 53	23 43	0 13	6 16	2 17	23 48	0 19	12 25	1 49	22 23	16 37	12 19	12 32	2 26	8 22	5 32
S 28	6s44	19n19	3s56	14s37	2s14	11n23	1n21	23n38	3n51	23n43	0n13	6n18	2s17	23s48	0s19	12n25	1s49	22n24	16n37	12n19	12n34	2s28	8s21	5n32

Julian Day Number = 1988817.5, Delta T = 55m52s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'33, Lahiri = 6°12'34 Julian Calendar 1 Feb. 733 == Greg. Calendar 5 Feb. 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

MARCH 733 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 48 1	13♓57'37	22♋38	28♒55	27♈ 9	1°R43	25♊14	21♈34	5♑42	7♉37	11°R55	27♌51	27♌ 3	15♎15	24♒13	S 1
M 2	10 51 58	14°57'00	5♌16	0♓40	28°16	1♌37	25°16	21°40	5°44	7°38	11♍53	27°52	27° 0	15°22	24°17	M 2
T 3	10 55 54	15°56'21	17°41	2°26	29°23	1°32	25°19	21°47	5°46	7°40	11°52	27°53	26°57	15°29	24°20	T 3
W 4	10 59 51	16°55'40	29°55	4°13	0♉30	1°28	25°22	21°54	5°48	7°41	11°50	27°R53	26°53	15°36	24°24	W 4
T 5	11 3 47	17°54'57	12♍ 1	6° 2	1°37	1°24	25°26	22° 1	5°49	7°43	11°48	27°53	26°50	15°42	24°28	T 5
F 6	11 7 44	18°54'11	24° 0	7°52	2°43	1°22	25°29	22° 8	5°51	7°44	11°47	27°51	26°47	15°49	24°31	F 6
S 7	11 11 40	19°53'23	5♎55	9°43	3°49	1°20	25°33	22°15	5°52	7°46	11°45	27°48	26°44	15°56	24°35	S 7
S 8	11 15 37	20°52'34	17°46	11°35	4°55	1°18	25°36	22°22	5°54	7°48	11°44	27°44	26°41	16° 2	24°39	S 8
M 9	11 19 34	21°51'42	29°37	13°29	6° 1	1°D18	25°40	22°29	5°55	7°49	11°42	27°40	26°38	16° 9	24°42	M 9
T 10	11 23 30	22°50'49	11♏29	15°25	7° 6	1°18	25°44	22°36	5°57	7°51	11°40	27°36	26°34	16°16	24°46	T 10
W11	11 27 27	23°49'53	23°26	17°21	8°12	1°19	25°49	22°43	5°58	7°53	11°39	27°33	26°31	16°22	24°49	W11
T 12	11 31 23	24°48'56	5♐32	19°19	9°17	1°21	25°53	22°50	6° 0	7°54	11°37	27°30	26°28	16°29	24°53	T 12
F 13	11 35 20	25°47'57	17°50	21°18	10°21	1°23	25°58	22°57	6° 1	7°56	11°36	27°28	26°25	16°36	24°56	F 13
S 14	11 39 16	26°46'56	0♑24	23°19	11°26	1°26	26° 3	23° 4	6° 2	7°58	11°34	27°D28	26°22	16°42	25° 0	S 14
S 15	11 43 13	27°45'53	13°18	25°20	12°30	1°30	26° 8	23°12	6° 3	8° 0	11°32	27°29	26°18	16°49	25° 3	S 15
M16	11 47 9	28°44'49	26°37	27°23	13°34	1°34	26°13	23°19	6° 4	8° 2	11°31	27°30	26°15	16°56	25° 7	M16
T 17	11 51 6	29°43'43	10♒22	29°27	14°38	1°39	26°18	23°26	6° 5	8° 3	11°29	27°32	26°12	17° 2	25°10	T 17
W18	11 55 3	0♈42'35	24°35	1♈31	15°41	1°45	26°23	23°34	6° 6	8° 5	11°28	27°R33	26° 9	17° 9	25°14	W18
T 19	11 58 59	1°41'24	9♓13	3°37	16°44	1°52	26°29	23°41	6° 7	8° 7	11°26	27°32	26° 6	17°16	25°17	T 19
F 20	12 2 56	2°40'12	24°11	5°42	17°47	1°59	26°35	23°48	6° 8	8° 9	11°25	27°30	26° 3	17°23	25°20	F 20
S 21	12 6 52	3°38'58	9♈22	7°49	18°49	2° 6	26°41	23°56	6° 9	8°11	11°23	27°26	25°59	17°29	25°24	S 21
S 22	12 10 49	4°37'42	24°36	9°55	19°51	2°15	26°47	24° 3	6°10	8°13	11°22	27°21	25°56	17°36	25°27	S 22
M23	12 14 45	5°36'24	9♉42	12° 1	20°53	2°24	26°53	24°11	6°11	8°15	11°20	27°16	25°53	17°43	25°30	M23
T 24	12 18 42	6°35'04	24°31	14° 6	21°55	2°33	26°59	24°18	6°12	8°17	11°19	27°10	25°50	17°49	25°33	T 24
W25	12 22 38	7°33'41	8♊57	16°11	22°56	2°43	27° 6	24°26	6°12	8°19	11°17	27° 6	25°47	17°56	25°36	W25
T 26	12 26 35	8°32'17	22°56	18°15	23°57	2°54	27°12	24°34	6°13	8°21	11°16	27° 3	25°44	18° 3	25°39	T 26
F 27	12 30 32	9°30'49	6♋28	20°17	24°57	3° 5	27°19	24°41	6°14	8°23	11°15	27°D 2	25°40	18° 9	25°43	F 27
S 28	12 34 28	10°29'20	19°35	22°17	25°57	3°17	27°26	24°49	6°14	8°25	11°13	27° 2	25°37	18°16	25°46	S 28
S 29	12 38 25	11°27'49	2♌20	24°16	26°56	3°29	27°33	24°56	6°15	8°27	11°12	27° 4	25°34	18°23	25°49	S 29
M30	12 42 21	12°26'15	14°47	26°12	27°56	3°42	27°40	25° 4	6°15	8°29	11°10	27° 5	25°31	18°30	25°52	M30
T 31	12 46 18	13♈24'39	27♌ 0	28♈ 5	28♉54	3♌56	27♊48	25♈12	6♑15	8♉31	11♍ 9	27°R 6	25♌28	18♎36	25♒55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s21	18n41	3s 3	14s 0	2s13	11n51	1n26	23n37	3n48	23n44	0n13	6n21	2s17	23s48	0s19	12n26	1s49	22n24	16n37	12n18	12n35	2s30	8s19	5n32
M 2	5 58	17 7	2 2	13 22	2 13	12 20	1 30	23 36	3 46	23 44	0 13	6 24	2 17	23 48	0 19	12 26	1 49	22 25	16 37	12 18	12 36	2 32	8 18	5 32
T 3	5 35	14 45	0 56	12 43	2 11	12 48	1 34	23 35	3 44	23 44	0 13	6 26	2 16	23 48	0 20	12 27	1 49	22 26	16 37	12 17	12 37	2 34	8 17	5 32
W 4	5 12	11 45	0n11	12 2	2 10	13 15	1 38	23 34	3 41	23 44	0 13	6 29	2 16	23 48	0 20	12 27	1 49	22 26	16 37	12 17	12 38	2 37	8 15	5 32
T 5	4 48	8 17	1 17	11 20	2 7	13 43	1 43	23 32	3 39	23 44	0 13	6 32	2 16	23 48	0 20	12 28	1 49	22 27	16 37	12 17	12 39	2 39	8 14	5 32
F 6	4 25	4 31	2 19	10 36	2 5	14 10	1 47	23 31	3 37	23 45	0 13	6 34	2 16	23 48	0 20	12 28	1 49	22 28	16 37	12 18	12 40	2 41	8 13	5 32
S 7	4 2	0 37	3 14	9 51	2 1	14 37	1 51	23 29	3 34	23 45	0 13	6 37	2 16	23 48	0 20	12 29	1 49	22 28	16 37	12 19	12 41	2 43	8 11	5 32
S 8	3 38	3s18	4 1	9 4	1 58	15 3	1 55	23 27	3 32	23 45	0 13	6 40	2 16	23 48	0 20	12 30	1 49	22 29	16 37	12 20	12 42	2 45	8 10	5 32
M 9	3 15	7 5	4 37	8 16	1 53	15 30	1 59	23 25	3 30	23 45	0 13	6 43	2 16	23 48	0 20	12 30	1 49	22 29	16 37	12 22	12 43	2 47	8 9	5 33
T 10	2 51	10 36	5 2	7 27	1 48	15 55	2 4	23 22	3 27	23 45	0 13	6 45	2 15	23 48	0 20	12 31	1 48	22 30	16 37	12 23	12 44	2 49	8 8	5 33
W11	2 28	13 42	5 13	6 37	1 43	16 21	2 8	23 20	3 25	23 46	0 14	6 48	2 15	23 48	0 20	12 31	1 48	22 31	16 37	12 24	12 46	2 51	8 6	5 33
T 12	2 4	16 16	5 11	5 45	1 37	16 46	2 12	23 17	3 23	23 46	0 14	6 51	2 15	23 48	0 20	12 32	1 48	22 31	16 37	12 25	12 47	2 53	8 5	5 33
F 13	1 41	18 9	4 54	4 52	1 31	17 11	2 16	23 15	3 21	23 46	0 14	6 54	2 15	23 48	0 20	12 32	1 48	22 32	16 37	12 26	12 48	2 55	8 4	5 33
S 14	1 17	19 12	4 24	3 57	1 24	17 35	2 20	23 12	3 18	23 46	0 14	6 56	2 15	23 47	0 20	12 33	1 48	22 32	16 37	12 26	12 49	2 57	8 2	5 33
S 15	0 54	19 18	3 39	3 2	1 16	17 59	2 24	23 9	3 16	23 46	0 14	6 59	2 15	23 47	0 20	12 34	1 48	22 33	16 37	12 26	12 50	2 59	8 1	5 33
M16	0 30	18 20	2 41	2 6	1 8	18 22	2 28	23 5	3 14	23 47	0 14	7 2	2 15	23 47	0 20	12 34	1 48	22 33	16 36	12 25	12 51	3 1	8 0	5 33
T 17	0 7	16 16	1 33	1 8	1 0	18 45	2 32	23 2	3 11	23 47	0 14	7 5	2 15	23 47	0 20	12 35	1 48	22 34	16 36	12 25	12 52	3 3	7 59	5 34
W18	0n17	13 10	0 16	0 10	0 51	19 8	2 36	22 58	3 9	23 47	0 14	7 8	2 14	23 47	0 20	12 36	1 48	22 34	16 36	12 24	12 53	3 5	7 57	5 34
T 19	0 41	9 9	1s 3	0n48	0 42	19 30	2 40	22 55	3 7	23 47	0 14	7 11	2 14	23 47	0 20	12 36	1 48	22 35	16 36	12 25	12 54	3 7	7 56	5 34
F 20	1 4	4 28	2 20	1 48	0 32	19 52	2 44	22 51	3 5	23 48	0 14	7 13	2 14	23 47	0 20	12 37	1 48	22 35	16 36	12 25	12 55	3 9	7 55	5 34
S 21	1 28	0n33	3 28	2 47	0 22	20 13	2 47	22 47	3 2	23 48	0 14	7 16	2 14	23 47	0 20	12 38	1 48	22 36	16 36	12 27	12 56	3 11	7 54	5 34
S 22	1 51	5 32	4 22	3 47	0 11	20 34	2 51	22 43	3 0	23 48	0 14	7 19	2 14	23 47	0 20	12 38	1 48	22 36	16 36	12 28	12 58	3 13	7 52	5 34
M23	2 15	10 8	4 56	4 46	0 1	20 54	2 55	22 39	2 58	23 48	0 14	7 22	2 14	23 47	0 20	12 39	1 48	22 36	16 35	12 30	12 59	3 15	7 51	5 35
T 24	2 38	14 1	5 10	5 45	0n10	21 14	2 58	22 34	2 56	23 48	0 15	7 25	2 14	23 47	0 20	12 40	1 48	22 37	16 35	12 32	13 0	3 17	7 50	5 35
W25	3 1	16 56	5 4	6 44	0 21	21 33	3 2	22 30	2 54	23 49	0 15	7 28	2 14	23 47	0 20	12 40	1 48	22 37	16 35	12 34	13 1	3 19	7 49	5 35
T 26	3 24	18 45	4 40	7 42	0 33	21 52	3 5	22 25	2 51	23 49	0 15	7 30	2 14	23 47	0 20	12 41	1 48	22 38	16 35	12 35	13 2	3 21	7 48	5 35
F 27	3 48	19 27	4 0	8 39	0 44	22 11	3 9	22 21	2 49	23 49	0 15	7 33	2 14	23 47	0 20	12 42	1 48	22 38	16 35	12 35	13 3	3 24	7 46	5 35
S 28	4 11	19 2	3 9	9 35	0 55	22 29	3 12	22 16	2 47	23 49	0 15	7 36	2 13	23 47	0 20	12 42	1 48	22 38	16 34	12 35	13 4	3 26	7 45	5 35
S 29	4 34	17 40	2 10	10 29	1 6	22 46	3 15	22 11	2 45	23 50	0 15	7 39	2 13	23 47	0 20	12 43	1 48	22 39	16 34	12 34	13 5	3 28	7 44	5 36
M30	4 57	15 27	1 6	11 22	1 16	23 3	3 18	22 6	2 43	23 50	0 15	7 42	2 13	23 47	0 20	12 44	1 48	22 39	16 34	12 34	13 6	3 30	7 43	5 36
T 31	5n20	12n35	0s 1	12n13	1n27	23n19	3n21	22n 0	2n41	23n50	0n15	7n45	2s13	23s47	0s20	12n44	1s48	22n39	16n34	12n34	13n 7	3s32	7s42	5n36

Julian Day Number = 1988845.5, Delta T = 55m51s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'37, Lahiri = 6°12'37 Julian Calendar 1 March 733 == Greg. Calendar 5 March 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

APRIL 733 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 50 14	14♈23'01	9♍ 3	29♈55	29♉52	4♌ 9	27♊55	25♈19	6♑16	8♉33	11°R 8	27°R 5	25♌24	18♎43	25♒57	W 1
T 2	12 54 11	15°21'20	20°59	1♉42	0♊50	4°24	28° 3	25°27	6°16	8°35	11♍ 7	27♌ 2	25°21	18°50	26° 0	T 2
F 3	12 58 7	16°19'38	2♎51	3°26	1°48	4°39	28°11	25°35	6°16	8°37	11° 5	26°57	25°18	18°56	26° 3	F 3
S 4	13 2 4	17°17'54	14°42	5° 6	2°44	4°54	28°19	25°42	6°16	8°39	11° 4	26°50	25°15	19° 3	26° 6	S 4
S 5	13 6 0	18°16'08	26°33	6°42	3°41	5°10	28°27	25°50	6°16	8°41	11° 3	26°41	25°12	19°10	26° 9	S 5
M 6	13 9 57	19°14'20	8♏26	8°14	4°37	5°26	28°35	25°58	6°17	8°44	11° 2	26°31	25° 9	19°16	26°11	M 6
T 7	13 13 54	20°12'31	20°23	9°42	5°32	5°43	28°43	26° 6	6°R17	8°46	11° 0	26°20	25° 5	19°23	26°14	T 7
W 8	13 17 50	21°10'40	2♐25	11° 6	6°26	6° 0	28°51	26°13	6°17	8°48	10°59	26°11	25° 2	19°30	26°17	W 8
T 9	13 21 47	22° 8'47	14°34	12°26	7°21	6°18	29° 0	26°21	6°16	8°50	10°58	26° 3	24°59	19°36	26°19	T 9
F 10	13 25 43	23° 6'53	26°54	13°41	8°14	6°36	29° 8	26°29	6°16	8°52	10°57	25°58	24°56	19°43	26°22	F 10
S 11	13 29 40	24° 4'57	9♑28	14°52	9° 7	6°54	29°17	26°37	6°16	8°54	10°56	25°55	24°53	19°50	26°24	S 11
S 12	13 33 36	25° 3'00	22°19	15°58	9°59	7°13	29°26	26°44	6°16	8°57	10°55	25°D54	24°49	19°57	26°27	S 12
M13	13 37 33	26° 1'02	5♒31	17° 0	10°51	7°32	29°35	26°52	6°16	8°59	10°54	25°54	24°46	20° 3	26°29	M13
T 14	13 41 29	26°59'02	19° 7	17°57	11°42	7°51	29°44	27° 0	6°15	9° 1	10°53	25°R55	24°43	20°10	26°31	T 14
W15	13 45 26	27°57'01	3♓10	18°49	12°32	8°11	29°53	27° 8	6°15	9° 3	10°52	25°54	24°40	20°17	26°34	W15
T 16	13 49 23	28°54'58	17°38	19°37	13°22	8°32	0♋ 2	27°15	6°15	9° 5	10°51	25°53	24°37	20°23	26°36	T 16
F 17	13 53 19	29°52'54	2♈30	20°19	14°10	8°52	0°12	27°23	6°14	9° 8	10°50	25°49	24°34	20°30	26°38	F 17
S 18	13 57 16	0♉50'48	17°39	20°57	14°58	9°14	0°21	27°31	6°14	9°10	10°49	25°42	24°30	20°37	26°40	S 18
S 19	14 1 12	1°48'41	2♉56	21°30	15°46	9°35	0°31	27°39	6°13	9°12	10°48	25°33	24°27	20°43	26°43	S 19
M20	14 5 9	2°46'32	18° 9	21°58	16°32	9°57	0°41	27°47	6°12	9°14	10°47	25°24	24°24	20°50	26°45	M20
T 21	14 9 5	3°44'22	3♊ 9	22°20	17°17	10°19	0°50	27°54	6°12	9°17	10°46	25°14	24°21	20°57	26°47	T 21
W22	14 13 2	4°42'11	17°46	22°38	18° 2	10°41	1° 0	28° 2	6°11	9°19	10°45	25° 6	24°18	21° 4	26°49	W22
T 23	14 16 58	5°39'57	1♋54	22°51	18°46	11° 4	1°10	28°10	6°10	9°21	10°45	24°59	24°15	21°10	26°51	T 23
F 24	14 20 55	6°37'42	15°33	22°59	19°28	11°27	1°21	28°17	6°10	9°23	10°44	24°55	24°11	21°17	26°53	F 24
S 25	14 24 52	7°35'25	28°44	23°R 2	20°10	11°50	1°31	28°25	6° 9	9°26	10°43	24°54	24° 8	21°24	26°54	S 25
S 26	14 28 48	8°33'07	11♌29	23° 0	20°50	12°14	1°41	28°33	6° 8	9°28	10°42	24°D53	24° 5	21°30	26°56	S 26
M27	14 32 45	9°30'46	23°54	22°53	21°30	12°38	1°51	28°41	6° 7	9°30	10°42	24°R54	24° 2	21°37	26°58	M27
T 28	14 36 41	10°28'24	6♍ 3	22°42	22° 8	13° 2	2° 2	28°48	6° 6	9°32	10°41	24°53	23°59	21°44	27° 0	T 28
W29	14 40 38	11°26'01	18° 1	22°27	22°45	13°27	2°12	28°56	6° 5	9°35	10°40	24°51	23°55	21°50	27° 1	W29
T 30	14 44 34	12♉23'36	29♍53	22♉ 8	23♊21	13♌52	2♋23	29♈ 4	6♑ 4	9♉37	10♍40	24♌47	23♌52	21♎57	27♒ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n42	9n13	1n 4	13n 1	1n37	23n35	3n24	21n55	2n39	23n50	0n15	7n48	2s13	23s47	0s20	12n45	1s48	22n40	16n34	12n34	13n 8	3s34	7s41	5n36
T 2	6 5	5 31	2 5	13 48	1 46	23 50	3 27	21 50	2 37	23 50	0 15	7 51	2 13	23 47	0 20	12 46	1 48	22 40	16 33	12 35	13 9	3 36	7 39	5 37
F 3	6 28	1 37	3 1	14 32	1 55	24 5	3 30	21 44	2 35	23 51	0 15	7 53	2 13	23 47	0 20	12 46	1 48	22 40	16 33	12 37	13 10	3 38	7 38	5 37
S 4	6 50	2s20	3 48	15 14	2 3	24 19	3 32	21 38	2 33	23 51	0 15	7 56	2 13	23 47	0 20	12 47	1 48	22 40	16 33	12 39	13 12	3 40	7 37	5 37
S 5	7 13	6 12	4 25	15 54	2 11	24 33	3 35	21 32	2 31	23 51	0 15	7 59	2 13	23 47	0 20	12 48	1 48	22 41	16 32	12 42	13 13	3 42	7 36	5 37
M 6	7 35	9 49	4 51	16 31	2 18	24 46	3 37	21 27	2 29	23 51	0 15	8 2	2 13	23 47	0 20	12 49	1 48	22 41	16 32	12 46	13 14	3 44	7 35	5 37
T 7	7 57	13 5	5 4	17 6	2 24	24 58	3 40	21 21	2 27	23 51	0 15	8 5	2 13	23 47	0 20	12 49	1 47	22 41	16 32	12 49	13 15	3 46	7 34	5 38
W 8	8 19	15 49	5 4	17 37	2 29	25 10	3 42	21 14	2 25	23 51	0 16	8 8	2 13	23 47	0 20	12 50	1 47	22 41	16 32	12 52	13 16	3 48	7 33	5 38
T 9	8 41	17 54	4 50	18 7	2 34	25 22	3 44	21 8	2 23	23 51	0 16	8 11	2 13	23 47	0 20	12 51	1 47	22 41	16 31	12 55	13 17	3 50	7 32	5 38
F 10	9 3	19 11	4 22	18 33	2 37	25 33	3 46	21 2	2 21	23 52	0 16	8 13	2 13	23 48	0 20	12 51	1 47	22 42	16 31	12 57	13 18	3 52	7 31	5 38
S 11	9 24	19 34	3 42	18 57	2 40	25 43	3 48	20 55	2 19	23 52	0 16	8 16	2 13	23 48	0 20	12 52	1 47	22 42	16 31	12 58	13 19	3 54	7 29	5 39
S 12	9 46	18 57	2 50	19 19	2 42	25 53	3 49	20 49	2 18	23 52	0 16	8 19	2 13	23 48	0 21	12 53	1 47	22 42	16 30	12 58	13 20	3 56	7 28	5 39
M13	10 7	17 18	1 47	19 38	2 43	26 2	3 51	20 42	2 16	23 52	0 16	8 22	2 13	23 48	0 21	12 54	1 47	22 42	16 30	12 58	13 21	3 58	7 27	5 39
T 14	10 28	14 37	0 36	19 54	2 43	26 10	3 52	20 35	2 14	23 52	0 16	8 25	2 13	23 48	0 21	12 54	1 47	22 42	16 30	12 58	13 22	4 0	7 26	5 39
W15	10 49	11 1	0s39	20 8	2 42	26 19	3 53	20 28	2 12	23 52	0 16	8 28	2 13	23 48	0 21	12 55	1 47	22 42	16 29	12 58	13 23	4 2	7 25	5 40
T 16	11 10	6 39	1 53	20 19	2 39	26 26	3 54	20 21	2 10	23 52	0 16	8 30	2 13	23 48	0 21	12 56	1 47	22 42	16 29	12 59	13 24	4 4	7 24	5 40
F 17	11 30	1 47	3 2	20 27	2 36	26 33	3 55	20 14	2 9	23 52	0 16	8 33	2 13	23 48	0 21	12 56	1 47	22 42	16 29	13 0	13 25	4 7	7 23	5 40
S 18	11 51	3n17	3 59	20 33	2 32	26 39	3 56	20 6	2 7	23 52	0 16	8 36	2 13	23 48	0 21	12 57	1 47	22 42	16 28	13 2	13 26	4 9	7 22	5 40
S 19	12 11	8 11	4 40	20 37	2 27	26 45	3 57	19 59	2 5	23 52	0 16	8 39	2 13	23 48	0 21	12 58	1 47	22 42	16 28	13 5	13 28	4 11	7 21	5 41
M20	12 31	12 32	5 0	20 38	2 20	26 51	3 57	19 51	2 3	23 52	0 16	8 42	2 12	23 48	0 21	12 59	1 47	22 42	16 28	13 9	13 29	4 13	7 20	5 41
T 21	12 51	16 1	5 0	20 37	2 13	26 55	3 57	19 44	2 2	23 52	0 16	8 44	2 12	23 48	0 21	12 59	1 47	22 42	16 27	13 12	13 30	4 15	7 20	5 41
W22	13 11	18 23	4 40	20 33	2 4	27 0	3 57	19 36	2 0	23 52	0 16	8 47	2 12	23 48	0 21	13 0	1 47	22 42	16 27	13 15	13 31	4 17	7 19	5 41
T 23	13 30	19 32	4 3	20 27	1 54	27 3	3 57	19 28	1 58	23 52	0 17	8 50	2 12	23 48	0 21	13 1	1 47	22 42	16 26	13 17	13 32	4 19	7 18	5 42
F 24	13 49	19 30	3 13	20 19	1 44	27 6	3 56	19 20	1 57	23 52	0 17	8 53	2 12	23 48	0 21	13 1	1 47	22 42	16 26	13 18	13 33	4 21	7 17	5 42
S 25	14 8	18 22	2 14	20 8	1 32	27 9	3 56	19 12	1 55	23 52	0 17	8 55	2 12	23 48	0 21	13 2	1 47	22 42	16 26	13 19	13 34	4 23	7 16	5 42
S 26	14 27	16 19	1 11	19 55	1 19	27 11	3 55	19 3	1 53	23 52	0 17	8 58	2 13	23 48	0 21	13 3	1 47	22 42	16 25	13 19	13 35	4 25	7 15	5 42
M27	14 45	13 34	0 5	19 40	1 5	27 13	3 54	18 55	1 52	23 52	0 17	9 1	2 13	23 48	0 21	13 4	1 47	22 42	16 25	13 19	13 36	4 27	7 14	5 43
T 28	15 4	10 16	0n59	19 24	0 51	27 14	3 52	18 47	1 50	23 52	0 17	9 4	2 13	23 48	0 21	13 4	1 47	22 42	16 24	13 19	13 37	4 29	7 13	5 43
W29	15 22	6 36	1 59	19 5	0 36	27 14	3 51	18 38	1 49	23 52	0 17	9 6	2 13	23 49	0 21	13 5	1 47	22 42	16 24	13 20	13 38	4 31	7 13	5 43
T 30	15n40	2n42	2n54	18n45	0n20	27n14	3n49	18n29	1n47	23n52	0n17	9n 9	2s13	23s49	0s21	13n 6	1s47	22n42	16n23	13n21	13n39	4s33	7s12	5n44

Julian Day Number = 1988876.5, Delta T = 55m50s
Ecliptic obliquity = 23°36'04, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'41, Lahiri = 6°12'42 Julian Calendar 1 Apr. 733 == Greg. Calendar 5 Apr. 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

MAY 733 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 48 31	13♉21'09	11♎43	21°R46	23♊55	14♌17	2♋34	29♈11	6°R 3	9♉39	10°R39	24°R39	23♌49	22♎ 4	27♒ 4	F 1
S 2	14 52 27	14°18'42	23°33	21♉20	24°29	14°42	2°44	29°19	6♋ 1	9°41	10♍39	24♌29	23°46	22°11	27° 6	S 2
S 3	14 56 24	15°16'13	5♏26	20°51	25° 0	15° 8	2°55	29°26	6° 0	9°44	10°38	24°17	23°43	22°17	27° 7	S 3
M 4	15 0 21	16°13'42	17°25	20°21	25°31	15°33	3° 6	29°34	5°59	9°46	10°38	24° 4	23°40	22°24	27° 9	M 4
T 5	15 4 17	17°11'11	29°29	19°49	26° 0	16° 0	3°17	29°42	5°58	9°48	10°37	23°50	23°36	22°31	27°10	T 5
W 6	15 8 14	18° 8'38	11♐40	19°15	26°27	16°26	3°28	29°49	5°56	9°50	10°37	23°38	23°33	22°37	27°11	W 6
T 7	15 12 10	19° 6'05	23°59	18°42	26°52	16°53	3°40	29°57	5°55	9°53	10°37	23°27	23°30	22°44	27°12	T 7
F 8	15 16 7	20° 3'31	6♑28	18° 8	27°16	17°19	3°51	0♉ 4	5°54	9°55	10°36	23°19	23°27	22°51	27°13	F 8
S 9	15 20 3	21° 0'55	19° 9	17°35	27°39	17°46	4° 2	0°11	5°52	9°57	10°36	23°14	23°24	22°57	27°15	S 9
S 10	15 24 0	21°58'20	2♒ 4	17° 3	27°59	18°14	4°14	0°19	5°51	9°59	10°36	23°11	23°21	23° 4	27°16	S 10
M11	15 27 56	22°55'43	15°16	16°33	28°18	18°41	4°25	0°26	5°49	10° 1	10°35	23°10	23°17	23°11	27°17	M11
T 12	15 31 53	23°53'05	28°47	16° 5	28°35	19° 9	4°37	0°34	5°48	10° 4	10°35	23°10	23°14	23°18	27°18	T 12
W13	15 35 50	24°50'27	12♓40	15°40	28°50	19°37	4°48	0°41	5°46	10° 6	10°35	23°10	23°11	23°24	27°18	W13
T 14	15 39 46	25°47'49	26°56	15°18	29° 3	20° 5	5° 0	0°48	5°44	10° 8	10°35	23° 7	23° 8	23°31	27°19	T 14
F 15	15 43 43	26°45'10	11♈33	15° 0	29°13	20°34	5°12	0°56	5°43	10°10	10°35	23° 3	23° 5	23°38	27°20	F 15
S 16	15 47 39	27°42'30	26°27	14°45	29°22	21° 2	5°23	1° 3	5°41	10°12	10°35	22°55	23° 1	23°44	27°21	S 16
S 17	15 51 36	28°39'49	11♉30	14°34	29°28	21°31	5°35	1°10	5°39	10°15	10°35	22°46	22°58	23°51	27°21	S 17
M18	15 55 32	29°37'08	26°34	14°28	29°33	22° 0	5°47	1°17	5°37	10°17	10°D35	22°35	22°55	23°58	27°22	M18
T 19	15 59 29	0♊34'27	11♊29	14°D26	29°R35	22°29	5°59	1°24	5°36	10°19	10°35	22°24	22°52	24° 5	27°22	T 19
W20	16 3 25	1°31'44	26° 4	14°28	29°35	22°59	6°11	1°32	5°34	10°21	10°35	22°15	22°49	24°11	27°23	W20
T 21	16 7 22	2°29'01	10♋15	14°35	29°32	23°28	6°23	1°39	5°32	10°23	10°35	22° 7	22°46	24°18	27°23	T 21
F 22	16 11 19	3°26'17	23°58	14°46	29°27	23°58	6°35	1°46	5°30	10°25	10°35	22° 2	22°42	24°25	27°24	F 22
S 23	16 15 15	4°23'32	7♌12	15° 2	29°19	24°28	6°48	1°53	5°28	10°27	10°35	22° 0	22°39	24°31	27°24	S 23
S 24	16 19 12	5°20'46	20° 0	15°23	29°10	24°58	7° 0	2° 0	5°26	10°29	10°35	21°D59	22°36	24°38	27°24	S 24
M25	16 23 8	6°17'59	2♍27	15°48	28°57	25°29	7°12	2° 7	5°24	10°31	10°35	21°R59	22°33	24°45	27°24	M25
T 26	16 27 5	7°15'12	14°37	16°17	28°43	25°59	7°24	2°13	5°22	10°34	10°36	21°59	22°30	24°51	27°25	T 26
W27	16 31 1	8°12'24	26°36	16°51	28°26	26°30	7°37	2°20	5°20	10°36	10°36	21°58	22°26	24°58	27°25	W27
T 28	16 34 58	9° 9'35	8♎28	17°29	28° 6	27° 1	7°49	2°27	5°18	10°38	10°36	21°54	22°23	25° 5	27°R25	T 28
F 29	16 38 54	10° 6'45	20°18	18°11	27°45	27°32	8° 2	2°34	5°16	10°40	10°36	21°48	22°20	25°12	27°25	F 29
S 30	16 42 51	11° 3'55	2♏11	18°58	27°21	28° 3	8°14	2°40	5°14	10°42	10°37	21°40	22°17	25°18	27°25	S 30
S 31	16 46 48	12♊ 1'04	14♏ 8	19♉49	26♊55	28♌34	8♋27	2♉47	5♋12	10♉44	10♍37	21♌29	22♌14	25♎25	27♒24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	15n57	1s17	3n41	18n23	0n 3	27n14	3n47	18n20	1n46	23n52	0n17	9n12	2s13	23s49	0s21	13n 6	1s47	22n41	16n23	13n24	13n40	4s35	7s11	5n44	F 1
S 2	16 14	5 13	4 18	18 0	0s14	27 13	3 44	18 11	1 44	23 51	0 17	9 14	2 13	23 49	0 21	13 7	1 47	22 41	16 23	13 27	13 41	4 37	7 10	5 44	S 2
S 3	16 32	8 57	4 44	17 36	0 31	27 12	3 42	18 2	1 43	23 51	0 17	9 17	2 13	23 49	0 21	13 8	1 47	22 41	16 22	13 31	13 42	4 39	7 9	5 44	S 3
M 4	16 48	12 23	4 58	17 11	0 48	27 10	3 39	17 53	1 41	23 51	0 17	9 20	2 13	23 49	0 21	13 9	1 47	22 41	16 22	13 35	13 43	4 41	7 9	5 45	M 4
T 5	17 5	15 19	4 59	16 45	1 6	27 8	3 35	17 44	1 40	23 51	0 17	9 22	2 13	23 49	0 21	13 9	1 47	22 41	16 21	13 40	13 45	4 44	7 8	5 45	T 5
W 6	17 21	17 37	4 46	16 20	1 23	27 5	3 32	17 35	1 38	23 51	0 17	9 25	2 13	23 49	0 21	13 10	1 47	22 40	16 21	13 44	13 46	4 46	7 7	5 45	W 6
T 7	17 37	19 9	4 19	15 54	1 40	27 1	3 28	17 25	1 37	23 50	0 17	9 27	2 13	23 49	0 21	13 11	1 47	22 40	16 20	13 48	13 47	4 48	7 7	5 46	T 7
F 8	17 53	19 47	3 40	15 29	1 56	26 58	3 23	17 15	1 35	23 50	0 18	9 30	2 13	23 49	0 21	13 11	1 47	22 40	16 20	13 50	13 48	4 50	7 6	5 46	F 8
S 9	18 8	19 26	2 49	15 5	2 12	26 54	3 19	17 6	1 34	23 50	0 18	9 33	2 13	23 49	0 21	13 12	1 47	22 39	16 20	13 52	13 49	4 52	7 5	5 46	S 9
S 10	18 23	18 4	1 49	14 42	2 27	26 49	3 14	16 56	1 32	23 50	0 18	9 35	2 13	23 49	0 21	13 13	1 47	22 39	16 19	13 53	13 50	4 54	7 5	5 47	S 10
M11	18 38	15 42	0 42	14 20	2 41	26 44	3 8	16 46	1 31	23 49	0 18	9 38	2 13	23 49	0 21	13 13	1 47	22 39	16 19	13 53	13 51	4 56	7 4	5 47	M11
T 12	18 52	12 26	0s30	13 59	2 54	26 38	3 3	16 36	1 30	23 49	0 18	9 40	2 13	23 50	0 21	13 14	1 47	22 38	16 18	13 53	13 52	4 58	7 3	5 47	T 12
W13	19 6	8 24	1 41	13 40	3 6	26 32	2 57	16 26	1 28	23 49	0 18	9 43	2 13	23 50	0 21	13 15	1 47	22 38	16 18	13 53	13 53	5 0	7 3	5 47	W13
T 14	19 20	3 48	2 48	13 24	3 17	26 26	2 50	16 15	1 27	23 48	0 18	9 45	2 13	23 50	0 21	13 15	1 47	22 38	16 17	13 54	13 54	5 2	7 2	5 48	T 14
F 15	19 34	1n 8	3 46	13 9	3 27	26 19	2 43	16 5	1 25	23 48	0 18	9 48	2 13	23 50	0 21	13 16	1 47	22 37	16 17	13 56	13 55	5 4	7 2	5 48	F 15
S 16	19 47	6 5	4 29	12 56	3 35	26 12	2 36	15 54	1 24	23 48	0 18	9 50	2 13	23 50	0 21	13 17	1 47	22 37	16 16	13 58	13 56	5 6	7 1	5 48	S 16
S 17	20 0	10 43	4 55	12 46	3 43	26 4	2 28	15 44	1 23	23 47	0 18	9 53	2 13	23 50	0 21	13 17	1 47	22 37	16 16	14 1	13 57	5 8	7 1	5 49	S 17
M18	20 12	14 39	5 0	12 39	3 49	25 56	2 20	15 33	1 21	23 47	0 18	9 55	2 13	23 50	0 21	13 18	1 47	22 36	16 15	14 5	13 58	5 10	7 0	5 49	M18
T 19	20 25	17 37	4 44	12 33	3 54	25 47	2 11	15 22	1 20	23 46	0 18	9 57	2 14	23 50	0 21	13 19	1 47	22 36	16 15	14 8	13 59	5 12	7 0	5 49	T 19
W20	20 36	19 22	4 10	12 31	3 57	25 38	2 2	15 11	1 19	23 46	0 18	10 0	2 14	23 50	0 21	13 19	1 47	22 35	16 14	14 11	14 0	5 14	6 59	5 50	W20
T 21	20 48	19 51	3 22	12 30	4 0	25 29	1 53	15 0	1 17	23 45	0 18	10 2	2 14	23 50	0 21	13 20	1 47	22 35	16 14	14 14	14 1	5 16	6 59	5 50	T 21
F 22	20 59	19 7	2 23	12 32	4 1	25 19	1 43	14 49	1 16	23 45	0 19	10 4	2 14	23 51	0 21	13 21	1 47	22 34	16 13	14 15	14 2	5 18	6 58	5 50	F 22
S 23	21 10	17 21	1 18	12 37	4 1	25 9	1 33	14 38	1 15	23 44	0 19	10 7	2 14	23 51	0 21	13 21	1 47	22 34	16 13	14 16	14 3	5 21	6 58	5 51	S 23
S 24	21 20	14 45	0 10	12 43	4 0	24 58	1 22	14 26	1 14	23 44	0 19	10 9	2 14	23 51	0 21	13 22	1 47	22 33	16 13	14 16	14 4	5 23	6 58	5 51	S 24
M25	21 30	11 32	0n55	12 52	3 58	24 46	1 11	14 15	1 12	23 43	0 19	10 11	2 14	23 51	0 21	13 23	1 48	22 33	16 12	14 16	14 5	5 25	6 57	5 51	M25
T 26	21 40	7 53	1 57	13 3	3 56	24 35	0 59	14 3	1 11	23 42	0 19	10 14	2 14	23 51	0 22	13 23	1 48	22 32	16 12	14 16	14 6	5 27	6 57	5 52	T 26
W27	21 49	4 0	2 53	13 17	3 52	24 23	0 47	13 52	1 10	23 42	0 19	10 16	2 14	23 51	0 22	13 24	1 48	22 32	16 11	14 17	14 8	5 29	6 57	5 52	W27
T 28	21 58	0s 1	3 40	13 32	3 47	24 10	0 35	13 40	1 9	23 41	0 19	10 18	2 14	23 51	0 22	13 24	1 48	22 31	16 11	14 18	14 9	5 31	6 56	5 52	T 28
F 29	22 7	4 0	4 18	13 49	3 42	23 57	0 22	13 28	1 7	23 40	0 19	10 20	2 15	23 51	0 22	13 25	1 48	22 31	16 10	14 20	14 10	5 33	6 56	5 52	F 29
S 30	22 15	7 51	4 45	14 7	3 36	23 44	0 9	13 16	1 6	23 40	0 19	10 23	2 15	23 51	0 22	13 26	1 48	22 30	16 10	14 23	14 11	5 35	6 56	5 53	S 30
S 31	22n23	11s25	4n59	14n27	3s29	23n30	0s 4	13n 4	1n 5	23n39	0n19	10n25	2s15	23s51	0s22	13n26	1s48	22n29	16n 9	14n26	14n12	5s37	6s56	5n53	S 31

Julian Day Number = 1988906.5, Delta T = 55m50s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'45, Lahiri = 6°12'46 Julian Calendar 1 May 733 == Greg. Calendar 5 May 733

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 733
geocentric

JUNE 733 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 50 44	12♊58'13	26♏13	20♉44	26°R27	29♌ 6	8♋39	2♉54	5°R10	10♉46	10♍38	21°R17	22♌11	25♎32	27°R24	M 1
T 2	16 54 41	13°55'21	8♐27	21°43	25♊58	29°38	8°52	3° 0	5♑ 7	10°48	10°38	21♌ 5	22° 7	25°38	27♒24	T 2
W 3	16 58 37	14°52'30	20°51	22°45	25°26	0♍ 9	9° 5	3° 7	5° 5	10°50	10°39	20°54	22° 4	25°45	27°24	W 3
T 4	17 2 34	15°49'38	3♑25	23°52	24°53	0°41	9°17	3°13	5° 3	10°51	10°39	20°45	22° 1	25°52	27°23	T 4
F 5	17 6 30	16°46'46	16°10	25° 3	24°19	1°14	9°30	3°20	5° 1	10°53	10°40	20°38	21°58	25°59	27°23	F 5
S 6	17 10 27	17°43'54	29° 6	26°17	23°44	1°46	9°43	3°26	4°58	10°55	10°40	20°33	21°55	26° 5	27°22	S 6
S 7	17 14 23	18°41'02	12♒14	27°35	23° 8	2°18	9°56	3°32	4°56	10°57	10°41	20°31	21°52	26°12	27°22	S 7
M 8	17 18 20	19°38'10	25°36	28°57	22°31	2°51	10° 9	3°38	4°54	10°59	10°42	20°D31	21°48	26°19	27°21	M 8
T 9	17 22 17	20°35'19	9♓11	0♊22	21°54	3°24	10°21	3°45	4°52	11° 1	10°42	20°32	21°45	26°25	27°21	T 9
W10	17 26 13	21°32'27	23° 3	1°51	21°16	3°56	10°34	3°51	4°49	11° 3	10°43	20°R32	21°42	26°32	27°20	W10
T 11	17 30 10	22°29'36	7♈10	3°24	20°39	4°29	10°47	3°57	4°47	11° 4	10°44	20°31	21°39	26°39	27°19	T 11
F 12	17 34 6	23°26'46	21°32	5° 0	20° 1	5° 3	11° 0	4° 3	4°45	11° 6	10°44	20°28	21°36	26°46	27°18	F 12
S 13	17 38 3	24°23'55	6♉ 6	6°39	19°25	5°36	11°13	4° 9	4°42	11° 8	10°45	20°23	21°32	26°52	27°17	S 13
S 14	17 41 59	25°21'05	20°47	8°22	18°49	6° 9	11°26	4°15	4°40	11°10	10°46	20°16	21°29	26°59	27°17	S 14
M15	17 45 56	26°18'16	5♊29	10° 8	18°14	6°43	11°39	4°20	4°37	11°11	10°47	20° 8	21°26	27° 6	27°16	M15
T 16	17 49 52	27°15'26	20° 4	11°57	17°40	7°17	11°52	4°26	4°35	11°13	10°48	20° 0	21°23	27°12	27°15	T 16
W17	17 53 49	28°12'38	4♋25	13°49	17° 8	7°51	12° 5	4°32	4°33	11°15	10°49	19°53	21°20	27°19	27°13	W17
T 18	17 57 46	29° 9'49	18°25	15°44	16°37	8°25	12°19	4°37	4°30	11°16	10°50	19°47	21°17	27°26	27°12	T 18
F 19	18 1 42	0♌ 7'00	2♌ 2	17°41	16° 8	8°59	12°32	4°43	4°28	11°18	10°51	19°44	21°13	27°33	27°11	F 19
S 20	18 5 39	1° 4'12	15°15	19°41	15°41	9°33	12°45	4°48	4°25	11°20	10°52	19°D42	21°10	27°39	27°10	S 20
S 21	18 9 35	2° 1'23	28° 4	21°43	15°15	10° 7	12°58	4°54	4°23	11°21	10°53	19°43	21° 7	27°46	27° 9	S 21
M22	18 13 32	2°58'35	10♍33	23°46	14°52	10°42	13°11	4°59	4°21	11°23	10°54	19°44	21° 4	27°53	27° 7	M22
T 23	18 17 28	3°55'47	22°45	25°51	14°31	11°16	13°24	5° 4	4°18	11°24	10°55	19°45	21° 1	27°59	27° 6	T 23
W24	18 21 25	4°52'59	4♎46	27°58	14°12	11°51	13°38	5°10	4°16	11°26	10°56	19°R45	20°58	28° 6	27° 4	W24
T 25	18 25 21	5°50'11	16°40	0♌ 5	13°55	12°26	13°51	5°15	4°13	11°27	10°57	19°45	20°54	28°13	27° 3	T 25
F 26	18 29 18	6°47'24	28°32	2°13	13°41	13° 1	14° 4	5°20	4°11	11°29	10°59	19°42	20°51	28°20	27° 1	F 26
S 27	18 33 15	7°44'37	10♏26	4°21	13°29	13°36	14°17	5°25	4° 9	11°30	11° 0	19°38	20°48	28°26	27° 0	S 27
S 28	18 37 11	8°41'50	22°28	6°29	13°19	14°11	14°31	5°30	4° 6	11°32	11° 1	19°33	20°45	28°33	26°58	S 28
M29	18 41 8	9°39'03	4♐39	8°36	13°12	14°47	14°44	5°34	4° 4	11°33	11° 2	19°26	20°42	28°40	26°57	M29
T 30	18 45 4	10♋36'18	17♐ 3	10♋44	13♊ 7	15♍22	14♋57	5♉39	4♑ 1	11♉34	11♍ 4	19♌19	20♌38	28♎46	26♒55	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n30	14s34	5n 1	14n49	3s21	23n15	0s18	12n52	1n 4	23n38	0n19	10n27	2s15	23s52	0s22	13n27	1s48	22n29	16n 9	14n30	14n13	5s39	6s55	5n53
T 2	22 38	17 7	4 48	15 12	3 13	23 1	0 32	12 39	1 3	23 37	0 19	10 29	2 15	23 52	0 22	13 27	1 48	22 28	16 8	14 34	14 14	5 41	6 55	5 54
W 3	22 44	18 55	4 22	15 37	3 4	22 46	0 46	12 27	1 1	23 37	0 19	10 31	2 15	23 52	0 22	13 28	1 48	22 28	16 8	14 38	14 15	5 43	6 55	5 54
T 4	22 50	19 50	3 43	16 3	2 55	22 31	1 0	12 14	1 0	23 36	0 19	10 33	2 15	23 52	0 22	13 29	1 48	22 27	16 7	14 41	14 16	5 45	6 55	5 54
F 5	22 56	19 46	2 52	16 29	2 45	22 15	1 14	12 2	0 59	23 35	0 20	10 35	2 15	23 52	0 22	13 29	1 48	22 26	16 7	14 43	14 17	5 47	6 55	5 55
S 6	23 2	18 39	1 52	16 57	2 35	21 59	1 28	11 49	0 58	23 34	0 20	10 37	2 15	23 52	0 22	13 30	1 48	22 26	16 6	14 44	14 18	5 49	6 55	5 55
S 7	23 7	16 32	0 44	17 25	2 24	21 43	1 42	11 36	0 57	23 33	0 20	10 39	2 16	23 52	0 22	13 30	1 48	22 25	16 6	14 45	14 19	5 51	6 54	5 55
M 8	23 12	13 30	0s27	17 54	2 13	21 27	1 56	11 24	0 56	23 32	0 20	10 41	2 16	23 52	0 22	13 31	1 48	22 24	16 5	14 45	14 20	5 53	6 54	5 55
T 9	23 16	9 41	1 38	18 23	2 1	21 11	2 10	11 11	0 55	23 31	0 20	10 43	2 16	23 52	0 22	13 31	1 48	22 24	16 5	14 45	14 21	5 56	6 54	5 56
W10	23 20	5 18	2 45	18 53	1 49	20 55	2 23	10 58	0 53	23 30	0 20	10 45	2 16	23 52	0 22	13 32	1 48	22 23	16 5	14 45	14 22	5 58	6 54	5 56
T 11	23 23	0 33	3 43	19 23	1 37	20 40	2 37	10 44	0 52	23 30	0 20	10 47	2 16	23 53	0 22	13 32	1 48	22 22	16 4	14 45	14 23	6 0	6 54	5 56
F 12	23 26	4n19	4 28	19 53	1 25	20 24	2 50	10 31	0 51	23 29	0 20	10 49	2 16	23 53	0 22	13 33	1 48	22 22	16 4	14 46	14 24	6 2	6 54	5 57
S 13	23 29	8 59	4 56	20 22	1 13	20 9	3 3	10 18	0 50	23 28	0 20	10 51	2 16	23 53	0 22	13 33	1 48	22 21	16 3	14 47	14 25	6 4	6 54	5 57
S 14	23 31	13 9	5 6	20 51	1 1	19 53	3 15	10 4	0 49	23 26	0 20	10 53	2 17	23 53	0 22	13 34	1 48	22 20	16 3	14 50	14 26	6 6	6 54	5 57
M15	23 33	16 32	4 55	21 19	0 48	19 39	3 27	9 51	0 48	23 25	0 20	10 54	2 17	23 53	0 22	13 34	1 48	22 19	16 2	14 52	14 27	6 8	6 54	5 57
T 16	23 34	18 49	4 25	21 47	0 36	19 24	3 38	9 37	0 47	23 24	0 20	10 56	2 17	23 53	0 22	13 35	1 48	22 19	16 2	14 55	14 28	6 10	6 54	5 58
W17	23 35	19 53	3 39	22 13	0 24	19 11	3 49	9 24	0 46	23 23	0 21	10 58	2 17	23 53	0 22	13 35	1 48	22 18	16 1	14 57	14 29	6 12	6 55	5 58
T 18	23 36	19 41	2 40	22 38	0 12	18 57	3 59	9 10	0 45	23 22	0 21	11 0	2 17	23 53	0 22	13 36	1 48	22 17	16 1	14 59	14 30	6 14	6 55	5 58
F 19	23 36	18 19	1 34	23 1	0 0	18 45	4 9	8 56	0 44	23 21	0 21	11 1	2 17	23 53	0 22	13 36	1 48	22 16	16 0	15 0	14 31	6 16	6 55	5 59
S 20	23 36	15 59	0 24	23 23	0n11	18 33	4 18	8 42	0 43	23 20	0 21	11 3	2 18	23 53	0 22	13 37	1 48	22 15	16 0	15 0	14 32	6 18	6 55	5 59
S 21	23 35	12 56	0n45	23 42	0 22	18 22	4 26	8 28	0 42	23 19	0 21	11 5	2 18	23 53	0 22	13 37	1 48	22 15	16 0	15 0	14 33	6 20	6 55	5 59
M22	23 34	9 22	1 50	24 0	0 33	18 11	4 34	8 14	0 41	23 17	0 21	11 6	2 18	23 54	0 22	13 38	1 48	22 14	15 59	15 0	14 34	6 22	6 55	5 59
T 23	23 33	5 29	2 49	24 15	0 42	18 2	4 42	8 0	0 39	23 16	0 21	11 8	2 18	23 54	0 22	13 38	1 49	22 13	15 59	15 0	14 35	6 24	6 56	6 0
W24	23 31	1 27	3 39	24 27	0 52	17 53	4 49	7 45	0 38	23 15	0 21	11 10	2 18	23 54	0 22	13 39	1 49	22 12	15 58	14 59	14 36	6 26	6 56	6 0
T 25	23 28	2s36	4 20	24 37	1 1	17 45	4 55	7 31	0 37	23 14	0 21	11 11	2 18	23 54	0 22	13 39	1 49	22 11	15 58	15 0	14 37	6 28	6 56	6 0
F 26	23 26	6 32	4 49	24 43	1 9	17 38	5 0	7 17	0 36	23 12	0 21	11 13	2 19	23 54	0 22	13 39	1 49	22 10	15 57	15 0	14 38	6 31	6 56	6 0
S 27	23 22	10 13	5 5	24 48	1 16	17 31	5 5	7 2	0 35	23 11	0 21	11 14	2 19	23 54	0 22	13 40	1 49	22 10	15 57	15 2	14 39	6 33	6 57	6 1
S 28	23 19	13 32	5 9	24 49	1 22	17 26	5 10	6 47	0 34	23 10	0 21	11 15	2 19	23 54	0 22	13 40	1 49	22 9	15 57	15 3	14 40	6 35	6 57	6 1
M29	23 15	16 19	4 59	24 47	1 28	17 21	5 14	6 33	0 33	23 8	0 22	11 17	2 19	23 54	0 22	13 41	1 49	22 8	15 56	15 6	14 41	6 37	6 57	6 1
T 30	23n10	18s25	4n34	24n43	1n33	17n17	5s17	6n18	0n32	23n 7	0n22	11n18	2s19	23s54	0s22	13n41	1s49	22n 7	15n56	15n 8	14n43	6s39	6s58	6n 1

Julian Day Number = 1988937.5, Delta T = 55m49s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'50, Lahiri = 6°12'50 Julian Calendar 1 June 733 == Greg. Calendar 5 June 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

JULY 733 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 49 1	11♋33'32	29♐40	12♋50	13°R 5	15♍58	15♋10	5♉44	3°R59	11♉36	11♍ 5	19°R13	20♌35	28♎53	26°R53	W 1
T 2	18 52 57	12°30'48	12♑31	14°56	13°D 5	16°33	15°24	5°48	3♑57	11°37	11° 6	19♌ 7	20°32	29° 0	26♒51	T 2
F 3	18 56 54	13°28'04	25°35	17° 1	13♊ 7	17° 9	15°37	5°53	3°54	11°38	11° 8	19° 4	20°29	29° 7	26°49	F 3
S 4	19 0 51	14°25'21	8♒53	19° 4	13°12	17°45	15°50	5°57	3°52	11°40	11° 9	19° 2	20°26	29°13	26°47	S 4
S 5	19 4 47	15°22'38	22°23	21° 6	13°18	18°21	16° 3	6° 2	3°49	11°41	11°11	19°D 1	20°23	29°20	26°46	S 5
M 6	19 8 44	16°19'57	6♓ 4	23° 7	13°27	18°57	16°17	6° 6	3°47	11°42	11°12	19° 2	20°19	29°27	26°44	M 6
T 7	19 12 40	17°17'17	19°55	25° 6	13°38	19°33	16°30	6°10	3°45	11°43	11°14	19° 4	20°16	29°33	26°42	T 7
W 8	19 16 37	18°14'38	3♈55	27° 4	13°51	20°10	16°43	6°14	3°42	11°44	11°15	19° 5	20°13	29°40	26°39	W 8
T 9	19 20 33	19°12'00	18° 3	29° 0	14° 7	20°46	16°57	6°18	3°40	11°45	11°17	19°R 6	20°10	29°47	26°37	T 9
F 10	19 24 30	20° 9'23	2♉17	0♌55	14°24	21°23	17°10	6°22	3°38	11°46	11°18	19° 5	20° 7	29°54	26°35	F 10
S 11	19 28 26	21° 6'48	16°35	2°48	14°43	21°59	17°23	6°26	3°36	11°48	11°20	19° 3	20° 4	0♏ 0	26°33	S 11
S 12	19 32 23	22° 4'14	0♊53	4°39	15° 3	22°36	17°36	6°29	3°33	11°49	11°21	19° 1	20° 0	0° 7	26°31	S 12
M13	19 36 20	23° 1'42	15° 8	6°29	15°26	23°13	17°50	6°33	3°31	11°50	11°23	18°57	19°57	0°14	26°29	M13
T 14	19 40 16	23°59'10	29°16	8°18	15°50	23°50	18° 3	6°37	3°29	11°51	11°25	18°53	19°54	0°20	26°26	T 14
W15	19 44 13	24°56'40	13♋12	10° 4	16°16	24°27	18°16	6°40	3°27	11°51	11°26	18°50	19°51	0°27	26°24	W15
T 16	19 48 9	25°54'11	26°52	11°50	16°43	25° 4	18°29	6°43	3°25	11°52	11°28	18°48	19°48	0°34	26°22	T 16
F 17	19 52 6	26°51'43	10♌14	13°33	17°12	25°42	18°43	6°47	3°22	11°53	11°30	18°47	19°44	0°41	26°19	F 17
S 18	19 56 2	27°49'17	23°17	15°15	17°43	26°19	18°56	6°50	3°20	11°54	11°31	18°D47	19°41	0°47	26°17	S 18
S 19	19 59 59	28°46'51	6♍ 1	16°56	18°14	26°56	19° 9	6°53	3°18	11°55	11°33	18°47	19°38	0°54	26°14	S 19
M20	20 3 55	29°44'26	18°28	18°35	18°47	27°34	19°22	6°56	3°16	11°56	11°35	18°49	19°35	1° 1	26°12	M20
T 21	20 7 52	0♌42'03	0♎40	20°12	19°22	28°12	19°35	6°59	3°14	11°56	11°37	18°50	19°32	1° 7	26° 9	T 21
W22	20 11 49	1°39'40	12°41	21°48	19°58	28°50	19°48	7° 2	3°12	11°57	11°39	18°51	19°29	1°14	26° 7	W22
T 23	20 15 45	2°37'18	24°36	23°23	20°35	29°27	20° 2	7° 4	3°10	11°58	11°40	18°52	19°25	1°21	26° 4	T 23
F 24	20 19 42	3°34'58	6♏29	24°55	21°13	0♎ 5	20°15	7° 7	3° 8	11°58	11°42	18°R52	19°22	1°28	26° 1	F 24
S 25	20 23 38	4°32'39	18°25	26°27	21°52	0°44	20°28	7° 9	3° 6	11°59	11°44	18°52	19°19	1°34	25°59	S 25
S 26	20 27 35	5°30'21	0♐27	27°57	22°32	1°22	20°41	7°12	3° 4	12° 0	11°46	18°51	19°16	1°41	25°56	S 26
M27	20 31 31	6°28'04	12°42	29°25	23°14	2° 0	20°54	7°14	3° 2	12° 0	11°48	18°49	19°13	1°48	25°54	M27
T 28	20 35 28	7°25'48	25°11	0♍52	23°56	2°38	21° 7	7°16	3° 0	12° 1	11°50	18°48	19°10	1°54	25°51	T 28
W29	20 39 24	8°23'34	7♑57	2°17	24°39	3°17	21°20	7°18	2°58	12° 1	11°52	18°46	19° 6	2° 1	25°48	W29
T 30	20 43 21	9°21'21	21° 2	3°40	25°24	3°55	21°33	7°20	2°57	12° 2	11°54	18°45	19° 3	2° 8	25°45	T 30
F 31	20 47 18	10♌19'09	4♒25	5♍ 2	26♊ 9	4♎34	21♋46	7♉22	2♑55	12♉ 2	11♍56	18♌44	19♌ 0	2♏15	25♒43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 6	19s40	3n56	24n36	1n38	17n13	5s20	6n 3	0n31	23n 5	0n22	11n20	2s20	23s54	0s22	13n41	1s49	22n 6	15n55	15n10	14n44	6s41	6s58	6n 2
T 2	23 0	19 56	3 6	24 26	1 41	17 11	5 23	5 48	0 30	23 4	0 22	11 21	2 20	23 54	0 22	13 42	1 49	22 5	15 55	15 11	14 45	6 43	6 59	6 2
F 3	22 55	19 8	2 4	24 14	1 44	17 9	5 25	5 34	0 29	23 3	0 22	11 22	2 20	23 54	0 22	13 42	1 49	22 4	15 55	15 12	14 46	6 45	6 59	6 2
S 4	22 49	17 16	0 55	23 59	1 46	17 8	5 27	5 19	0 29	23 1	0 22	11 24	2 20	23 55	0 22	13 42	1 49	22 3	15 54	15 13	14 47	6 47	6 59	6 2
S 5	22 42	14 26	0s18	23 42	1 48	17 8	5 28	5 4	0 28	23 0	0 22	11 25	2 20	23 55	0 22	13 43	1 49	22 2	15 54	15 13	14 48	6 49	7 0	6 2
M 6	22 36	10 46	1 32	23 23	1 48	17 8	5 29	4 48	0 27	22 58	0 22	11 26	2 21	23 55	0 22	13 43	1 49	22 2	15 54	15 13	14 49	6 51	7 0	6 3
T 7	22 28	6 29	2 41	23 2	1 49	17 9	5 29	4 33	0 26	22 57	0 22	11 27	2 21	23 55	0 22	13 43	1 49	22 1	15 53	15 13	14 50	6 53	7 1	6 3
W 8	22 21	1 49	3 41	22 39	1 48	17 10	5 29	4 18	0 25	22 55	0 22	11 28	2 21	23 55	0 22	13 44	1 49	22 0	15 53	15 12	14 51	6 55	7 1	6 3
T 9	22 13	2n59	4 29	22 14	1 47	17 12	5 29	4 3	0 24	22 53	0 22	11 29	2 21	23 55	0 22	13 44	1 49	21 59	15 52	15 12	14 52	6 57	7 2	6 3
F 10	22 5	7 39	5 0	21 48	1 45	17 15	5 28	3 47	0 23	22 52	0 23	11 31	2 21	23 55	0 22	13 44	1 49	21 58	15 52	15 12	14 53	6 59	7 2	6 3
S 11	21 56	11 54	5 13	21 20	1 43	17 18	5 27	3 32	0 22	22 50	0 23	11 32	2 22	23 55	0 22	13 44	1 49	21 57	15 52	15 13	14 54	7 1	7 3	6 4
S 12	21 47	15 28	5 7	20 51	1 40	17 21	5 26	3 17	0 21	22 49	0 23	11 33	2 22	23 55	0 22	13 45	1 49	21 56	15 51	15 14	14 55	7 3	7 4	6 4
M13	21 37	18 6	4 41	20 20	1 37	17 25	5 25	3 1	0 20	22 47	0 23	11 34	2 22	23 55	0 22	13 45	1 50	21 55	15 51	15 15	14 56	7 5	7 4	6 4
T 14	21 27	19 37	3 59	19 48	1 33	17 29	5 23	2 45	0 19	22 45	0 23	11 35	2 22	23 55	0 22	13 45	1 50	21 54	15 51	15 16	14 57	7 7	7 5	6 4
W15	21 17	19 54	3 3	19 16	1 28	17 34	5 21	2 30	0 18	22 44	0 23	11 36	2 22	23 55	0 22	13 45	1 50	21 53	15 50	15 17	14 58	7 10	7 5	6 4
T 16	21 7	19 0	1 58	18 42	1 24	17 39	5 19	2 14	0 17	22 42	0 23	11 36	2 23	23 55	0 22	13 46	1 50	21 52	15 50	15 17	14 59	7 12	7 6	6 4
F 17	20 56	17 3	0 47	18 7	1 19	17 44	5 16	1 58	0 16	22 40	0 23	11 37	2 23	23 55	0 22	13 46	1 50	21 51	15 50	15 18	15 0	7 14	7 7	6 5
S 18	20 44	14 14	0n25	17 32	1 13	17 49	5 14	1 43	0 15	22 38	0 23	11 38	2 23	23 55	0 22	13 46	1 50	21 50	15 50	15 18	15 1	7 16	7 7	6 5
S 19	20 33	10 49	1 34	16 56	1 7	17 55	5 11	1 27	0 15	22 37	0 23	11 39	2 23	23 56	0 22	13 46	1 50	21 49	15 49	15 18	15 2	7 18	7 8	6 5
M20	20 21	6 59	2 37	16 20	1 1	18 1	5 8	1 11	0 14	22 35	0 24	11 40	2 24	23 56	0 22	13 46	1 50	21 48	15 49	15 17	15 3	7 20	7 9	6 5
T 21	20 8	2 57	3 31	15 43	0 55	18 7	5 4	0 55	0 13	22 33	0 24	11 40	2 24	23 56	0 22	13 47	1 50	21 47	15 49	15 17	15 4	7 22	7 9	6 5
W22	19 55	1s 8	4 15	15 5	0 48	18 13	5 1	0 39	0 12	22 31	0 24	11 41	2 24	23 56	0 22	13 47	1 50	21 46	15 48	15 16	15 5	7 24	7 10	6 5
T 23	19 42	5 8	4 48	14 27	0 41	18 19	4 58	0 23	0 11	22 29	0 24	11 42	2 24	23 56	0 22	13 47	1 50	21 45	15 48	15 16	15 6	7 26	7 11	6 5
F 24	19 29	8 55	5 9	13 49	0 33	18 25	4 54	0 7	0 10	22 27	0 24	11 42	2 24	23 56	0 22	13 47	1 50	21 44	15 48	15 16	15 7	7 28	7 12	6 5
S 25	19 15	12 22	5 16	13 11	0 26	18 31	4 50	0s 9	0 9	22 26	0 24	11 43	2 25	23 56	0 22	13 47	1 50	21 43	15 48	15 16	15 8	7 30	7 12	6 6
S 26	19 1	15 20	5 10	12 33	0 18	18 38	4 46	0 25	0 8	22 24	0 24	11 43	2 25	23 56	0 22	13 47	1 50	21 42	15 47	15 17	15 9	7 32	7 13	6 6
M27	18 47	17 42	4 49	11 54	0 10	18 44	4 42	0 41	0 8	22 22	0 24	11 44	2 25	23 56	0 22	13 47	1 50	21 41	15 47	15 17	15 10	7 34	7 14	6 6
T 28	18 32	19 16	4 15	11 16	0 1	18 50	4 38	0 57	0 7	22 20	0 24	11 45	2 25	23 56	0 22	13 48	1 50	21 40	15 47	15 18	15 11	7 36	7 15	6 6
W29	18 17	19 55	3 27	10 37	0s 7	18 56	4 34	1 13	0 6	22 18	0 24	11 45	2 26	23 56	0 22	13 48	1 50	21 39	15 47	15 18	15 12	7 38	7 16	6 6
T 30	18 2	19 31	2 28	9 59	0 16	19 2	4 29	1 30	0 5	22 16	0 25	11 45	2 26	23 56	0 22	13 48	1 51	21 38	15 46	15 18	15 13	7 40	7 17	6 6
F 31	17n46	18s 1	1n19	9n21	0s25	19n 8	4s25	1s46	0n 4	22n14	0n25	11n46	2s26	23s56	0s22	13n48	1s51	21n38	15n46	15n19	15n14	7s42	7s17	6n 6

Julian Day Number = 1988967.5, Delta T = 55m48s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'54, Lahiri = 6°12'54 Julian Calendar 1 July 733 == Greg. Calendar 5 July 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

AUGUST 733 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 51 14	11♌16'59	18♒ 6	6♍23	26♊55	5♎13	21♋58	7♉24	2°R53	12♉ 2	11♍58	18°D44	18♌57	2♏21	25°R40	S 1
S 2	20 55 11	12°14'50	2♓ 2	7°41	27°42	5°52	22°11	7°26	2♂51	12° 3	12° 0	18♌44	18°54	2°28	25♒37	S 2
M 3	20 59 7	13°12'43	16°10	8°58	28°30	6°30	22°24	7°27	2°50	12° 3	12° 2	18°45	18°50	2°35	25°34	M 3
T 4	21 3 4	14°10'38	0♈26	10°13	29°18	7° 9	22°37	7°29	2°48	12° 3	12° 4	18°45	18°47	2°41	25°31	T 4
W 5	21 7 0	15° 8'34	14°45	11°26	0♋ 8	7°49	22°50	7°30	2°47	12° 4	12° 6	18°46	18°44	2°48	25°29	W 5
T 6	21 10 57	16° 6'33	29° 5	12°37	0°58	8°28	23° 2	7°31	2°45	12° 4	12° 8	18°46	18°41	2°55	25°26	T 6
F 7	21 14 53	17° 4'34	13♉21	13°46	1°48	9° 7	23°15	7°32	2°44	12° 4	12°10	18°R46	18°38	3° 2	25°23	F 7
S 8	21 18 50	18° 2'36	27°31	14°54	2°40	9°46	23°28	7°33	2°42	12° 4	12°12	18°46	18°35	3° 8	25°20	S 8
S 9	21 22 46	19° 0'41	11♊34	15°58	3°32	10°26	23°40	7°34	2°41	12° 4	12°14	18°D46	18°31	3°15	25°17	S 9
M10	21 26 43	19°58'48	25°26	17° 1	4°25	11° 5	23°53	7°35	2°39	12° 4	12°16	18°46	18°28	3°22	25°14	M10
T 11	21 30 40	20°56'56	9♋ 7	18° 1	5°18	11°45	24° 5	7°36	2°38	12° 5	12°19	18°46	18°25	3°28	25°11	T 11
W12	21 34 36	21°55'07	22°36	18°58	6°12	12°25	24°18	7°36	2°37	12°R 5	12°21	18°46	18°22	3°35	25° 9	W12
T 13	21 38 33	22°53'20	5♌51	19°53	7° 7	13° 5	24°30	7°37	2°35	12° 5	12°23	18°47	18°19	3°42	25° 6	T 13
F 14	21 42 29	23°51'34	18°52	20°45	8° 2	13°45	24°43	7°37	2°34	12° 5	12°25	18°R47	18°16	3°49	25° 3	F 14
S 15	21 46 26	24°49'50	1♍39	21°33	8°58	14°25	24°55	7°38	2°33	12° 4	12°27	18°47	18°12	3°55	25° 0	S 15
S 16	21 50 22	25°48'08	14°12	22°18	9°54	15° 5	25° 7	7°38	2°32	12° 4	12°29	18°46	18° 9	4° 2	24°57	S 16
M17	21 54 19	26°46'28	26°32	23° 0	10°50	15°45	25°20	7°R38	2°31	12° 4	12°32	18°45	18° 6	4° 9	24°54	M17
T 18	21 58 15	27°44'50	8♎40	23°38	11°48	16°25	25°32	7°38	2°30	12° 4	12°34	18°44	18° 3	4°15	24°51	T 18
W19	22 2 12	28°43'13	20°40	24°11	12°45	17° 5	25°44	7°37	2°29	12° 4	12°36	18°43	18° 0	4°22	24°48	W19
T 20	22 6 9	29°41'38	2♏34	24°40	13°43	17°46	25°56	7°37	2°28	12° 4	12°38	18°41	17°56	4°29	24°45	T 20
F 21	22 10 5	0♍40'04	14°26	25° 5	14°42	18°26	26° 8	7°37	2°27	12° 3	12°41	18°40	17°53	4°36	24°43	F 21
S 22	22 14 2	1°38'33	26°20	25°24	15°41	19° 7	26°20	7°36	2°26	12° 3	12°43	18°D40	17°50	4°42	24°40	S 22
S 23	22 17 58	2°37'03	8♐21	25°38	16°40	19°48	26°32	7°36	2°25	12° 3	12°45	18°40	17°47	4°49	24°37	S 23
M24	22 21 55	3°35'35	20°34	25°46	17°40	20°29	26°44	7°35	2°24	12° 2	12°47	18°40	17°44	4°56	24°34	M24
T 25	22 25 51	4°34'08	3♑ 3	25°R48	18°40	21° 9	26°55	7°34	2°24	12° 2	12°49	18°42	17°41	5° 3	24°31	T 25
W26	22 29 48	5°32'43	15°51	25°43	19°41	21°50	27° 7	7°33	2°23	12° 1	12°52	18°43	17°37	5° 9	24°28	W26
T 27	22 33 44	6°31'20	29° 2	25°32	20°42	22°31	27°19	7°32	2°22	12° 1	12°54	18°44	17°34	5°16	24°25	T 27
F 28	22 37 41	7°29'59	12♒36	25°14	21°43	23°12	27°30	7°31	2°22	12° 0	12°56	18°R45	17°31	5°23	24°23	F 28
S 29	22 41 38	8°28'40	26°35	24°48	22°45	23°54	27°42	7°30	2°21	12° 0	12°59	18°45	17°28	5°29	24°20	S 29
S 30	22 45 34	9°27'22	10♓54	24°16	23°47	24°35	27°53	7°29	2°21	11°59	13° 1	18°44	17°25	5°36	24°17	S 30
M31	22 49 31	10♍26'07	25♓28	23♍37	24♋49	25♎16	28♋ 5	7♉27	2♂20	11♉59	13♍ 3	18♌42	17♌21	5♏43	24♒14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n31	15s27	0n 4	8n43	0s34	19n14	4s20	2s 2	0n 3	22n12	0n25	11n46	2s26	23s56	0s22	13n48	1s51	21n37	15n46	15n19	15n15	7s44	7s18	6n 6
S 2	17 14	11 57	1s13	8 5	0 43	19 19	4 15	2 18	0 3	22 10	0 25	11 46	2 27	23 56	0 22	13 48	1 51	21 36	15 46	15 19	15 16	7 46	7 19	6 6
M 3	16 58	7 44	2 26	7 28	0 52	19 25	4 11	2 35	0 2	22 8	0 25	11 47	2 27	23 56	0 22	13 48	1 51	21 35	15 46	15 18	15 17	7 48	7 20	6 6
T 4	16 41	3 3	3 31	6 51	1 1	19 30	4 6	2 51	0 1	22 6	0 25	11 47	2 27	23 56	0 22	13 48	1 51	21 34	15 45	15 18	15 18	7 51	7 21	6 6
W 5	16 24	1n49	4 23	6 14	1 10	19 35	4 1	3 7	0 0	22 4	0 25	11 47	2 27	23 56	0 22	13 48	1 51	21 33	15 45	15 18	15 19	7 53	7 22	6 6
T 6	16 7	6 34	4 59	5 38	1 20	19 40	3 56	3 23	0s 1	22 2	0 25	11 47	2 27	23 56	0 22	13 48	1 51	21 32	15 45	15 18	15 20	7 55	7 23	6 6
F 7	15 49	10 56	5 16	5 3	1 29	19 44	3 51	3 40	0 2	22 0	0 26	11 48	2 28	23 56	0 22	13 48	1 51	21 31	15 45	15 18	15 21	7 57	7 24	6 6
S 8	15 32	14 39	5 13	4 28	1 39	19 49	3 46	3 56	0 2	21 58	0 26	11 48	2 28	23 56	0 22	13 48	1 51	21 30	15 45	15 18	15 22	7 59	7 25	6 6
S 9	15 13	17 30	4 52	3 54	1 48	19 53	3 41	4 12	0 3	21 56	0 26	11 48	2 28	23 56	0 22	13 48	1 51	21 29	15 44	15 18	15 23	8 1	7 26	6 6
M10	14 55	19 17	4 15	3 21	1 58	19 56	3 36	4 29	0 4	21 54	0 26	11 48	2 28	23 56	0 22	13 48	1 51	21 28	15 44	15 18	15 24	8 3	7 26	6 6
T 11	14 37	19 55	3 23	2 49	2 7	19 59	3 30	4 45	0 5	21 52	0 26	11 48	2 29	23 56	0 22	13 48	1 51	21 27	15 44	15 18	15 25	8 5	7 27	6 6
W12	14 18	19 23	2 20	2 18	2 16	20 2	3 25	5 1	0 6	21 50	0 26	11 48	2 29	23 56	0 22	13 48	1 51	21 26	15 44	15 18	15 26	8 7	7 28	6 6
T 13	13 59	17 47	1 11	1 48	2 26	20 5	3 20	5 18	0 6	21 48	0 26	11 48	2 29	23 56	0 22	13 48	1 51	21 25	15 44	15 18	15 27	8 9	7 29	6 6
F 14	13 39	15 17	0n 1	1 19	2 35	20 7	3 15	5 34	0 7	21 46	0 26	11 48	2 29	23 56	0 22	13 48	1 51	21 24	15 44	15 18	15 28	8 11	7 30	6 6
S 15	13 20	12 4	1 11	0 52	2 44	20 9	3 9	5 50	0 8	21 43	0 26	11 47	2 30	23 56	0 22	13 48	1 51	21 23	15 44	15 18	15 29	8 13	7 31	6 6
S 16	13 0	8 21	2 16	0 26	2 53	20 10	3 4	6 7	0 9	21 41	0 27	11 47	2 30	23 56	0 22	13 48	1 52	21 22	15 44	15 18	15 30	8 15	7 32	6 6
M17	12 40	4 21	3 14	0 2	3 1	20 11	2 58	6 23	0 9	21 39	0 27	11 47	2 30	23 56	0 22	13 47	1 52	21 21	15 43	15 18	15 31	8 17	7 33	6 6
T 18	12 20	0 15	4 2	0s21	3 9	20 12	2 53	6 39	0 10	21 37	0 27	11 47	2 30	23 56	0 22	13 47	1 52	21 20	15 43	15 19	15 31	8 19	7 34	6 6
W19	12 0	3s49	4 39	0 42	3 17	20 12	2 48	6 56	0 11	21 35	0 27	11 47	2 30	23 56	0 22	13 47	1 52	21 19	15 43	15 19	15 32	8 21	7 35	6 6
T 20	11 39	7 41	5 4	1 0	3 25	20 12	2 42	7 12	0 12	21 33	0 27	11 46	2 31	23 57	0 22	13 47	1 52	21 18	15 43	15 20	15 33	8 23	7 36	6 6
F 21	11 19	11 15	5 15	1 16	3 32	20 11	2 37	7 28	0 12	21 31	0 27	11 46	2 31	23 57	0 22	13 47	1 52	21 17	15 43	15 20	15 34	8 25	7 37	6 6
S 22	10 58	14 23	5 13	1 30	3 38	20 10	2 31	7 44	0 13	21 29	0 27	11 46	2 31	23 57	0 22	13 47	1 52	21 16	15 43	15 20	15 35	8 27	7 38	6 6
S 23	10 37	16 57	4 58	1 41	3 44	20 8	2 26	8 1	0 14	21 26	0 28	11 45	2 31	23 57	0 22	13 47	1 52	21 15	15 43	15 20	15 36	8 29	7 39	6 6
M24	10 15	18 48	4 29	1 49	3 49	20 6	2 20	8 17	0 15	21 24	0 28	11 45	2 32	23 57	0 22	13 46	1 52	21 14	15 43	15 20	15 37	8 31	7 40	6 6
T 25	9 54	19 48	3 46	1 53	3 54	20 4	2 15	8 33	0 15	21 22	0 28	11 44	2 32	23 57	0 22	13 46	1 52	21 13	15 43	15 19	15 38	8 33	7 41	6 6
W26	9 32	19 49	2 52	1 54	3 57	20 1	2 10	8 49	0 16	21 20	0 28	11 44	2 32	23 57	0 22	13 46	1 52	21 13	15 43	15 19	15 39	8 35	7 42	6 5
T 27	9 11	18 45	1 47	1 52	3 59	19 57	2 4	9 5	0 17	21 18	0 28	11 43	2 32	23 57	0 22	13 46	1 52	21 12	15 43	15 19	15 40	8 37	7 43	6 5
F 28	8 49	16 36	0 34	1 45	4 0	19 53	1 59	9 21	0 18	21 16	0 28	11 43	2 33	23 57	0 22	13 46	1 52	21 11	15 43	15 18	15 41	8 40	7 45	6 5
S 29	8 27	13 25	0s43	1 35	3 59	19 48	1 53	9 37	0 18	21 14	0 28	11 42	2 33	23 57	0 22	13 45	1 52	21 10	15 43	15 18	15 42	8 42	7 46	6 5
S 30	8 5	9 22	1 59	1 20	3 57	19 43	1 48	9 53	0 19	21 11	0 29	11 41	2 33	23 57	0 22	13 45	1 52	21 9	15 43	15 19	15 43	8 44	7 47	6 5
M31	7n42	4s41	3s 9	1s 1	3s54	19n38	1s43	10s 9	0s20	21n 9	0n29	11n41	2s33	23s57	0s22	13n45	1s52	21n 8	15n43	15n19	15n44	8s46	7s48	6n 5

Julian Day Number = 1988998.5, Delta T = 55m47s
Ecliptic obliquity = 23°36'03, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°05'58, Lahiri = 6°12'58 Julian Calendar 1 Aug. 733 == Greg. Calendar 5 Aug. 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

SEPTEMBER 733 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 53 27	11♍24'54	10♈12	22°R50	25♋52	25♎58	28♋16	7°R26	2°R20	11°R58	13♍ 5	18°R39	17♌18	5♏50	24°R12	T 1
W 2	22 57 24	12°23'43	24°58	21♍58	26°55	26°39	28°27	7♉24	2♊19	11♉57	13° 8	18♌36	17°15	5°56	24♒ 9	W 2
T 3	23 1 20	13°22'34	9♉39	21° 0	27°58	27°21	28°38	7°22	2°19	11°57	13°10	18°33	17°12	6° 3	24° 6	T 3
F 4	23 5 17	14°21'28	24° 9	19°58	29° 2	28° 2	28°49	7°20	2°19	11°56	13°12	18°30	17° 9	6°10	24° 4	F 4
S 5	23 9 13	15°20'24	8♊23	18°52	0♌ 6	28°44	29° 0	7°18	2°19	11°55	13°14	18°29	17° 6	6°16	24° 1	S 5
S 6	23 13 10	16°19'22	22°20	17°45	1°10	29°26	29°11	7°16	2°19	11°55	13°17	18°D29	17° 2	6°23	23°58	S 6
M 7	23 17 7	17°18'23	5♋59	16°37	2°14	0♏ 8	29°22	7°14	2°19	11°54	13°19	18°30	16°59	6°30	23°56	M 7
T 8	23 21 3	18°17'26	19°21	15°31	3°19	0°50	29°33	7°12	2°D18	11°53	13°21	18°32	16°56	6°37	23°53	T 8
W 9	23 25 0	19°16'32	2♌28	14°29	4°24	1°32	29°43	7° 9	2°19	11°52	13°23	18°33	16°53	6°43	23°51	W 9
T 10	23 28 56	20°15'40	15°20	13°31	5°30	2°14	29°54	7° 7	2°19	11°51	13°26	18°R34	16°50	6°50	23°48	T 10
F 11	23 32 53	21°14'50	28° 0	12°41	6°35	2°56	0♌ 4	7° 4	2°19	11°50	13°28	18°34	16°47	6°57	23°46	F 11
S 12	23 36 49	22°14'02	10♍29	11°58	7°41	3°39	0°15	7° 2	2°19	11°49	13°30	18°32	16°43	7° 4	23°43	S 12
S 13	23 40 46	23°13'16	22°48	11°25	8°47	4°21	0°25	6°59	2°19	11°48	13°33	18°28	16°40	7°10	23°41	S 13
M14	23 44 42	24°12'33	4♎58	11° 1	9°54	5° 3	0°35	6°56	2°19	11°47	13°35	18°22	16°37	7°17	23°38	M14
T 15	23 48 39	25°11'51	17° 0	10°49	11° 0	5°46	0°45	6°53	2°20	11°46	13°37	18°16	16°34	7°24	23°36	T 15
W16	23 52 35	26°11'12	28°57	10°D46	12° 7	6°29	0°55	6°50	2°20	11°45	13°39	18° 9	16°31	7°30	23°34	W16
T 17	23 56 32	27°10'34	10♏49	10°55	13°14	7°11	1° 5	6°47	2°20	11°44	13°41	18° 1	16°27	7°37	23°31	T 17
F 18	0 0 29	28° 9'59	22°40	11°14	14°21	7°54	1°15	6°44	2°21	11°43	13°44	17°55	16°24	7°44	23°29	F 18
S 19	0 4 25	29° 9'25	4♐33	11°43	15°28	8°37	1°25	6°40	2°21	11°42	13°46	17°51	16°21	7°51	23°27	S 19
S 20	0 8 22	0♎ 8'53	16°31	12°22	16°36	9°20	1°34	6°37	2°22	11°41	13°48	17°48	16°18	7°57	23°25	S 20
M21	0 12 18	1° 8'23	28°40	13° 9	17°44	10° 3	1°44	6°34	2°23	11°40	13°50	17°D46	16°15	8° 4	23°23	M21
T 22	0 16 15	2° 7'55	11♑ 4	14° 4	18°52	10°46	1°53	6°30	2°23	11°38	13°52	17°47	16°12	8°11	23°21	T 22
W23	0 20 11	3° 7'29	23°47	15° 6	20° 0	11°29	2° 2	6°27	2°24	11°37	13°55	17°48	16° 8	8°17	23°19	W23
T 24	0 24 8	4° 7'05	6♒54	16°14	21° 8	12°12	2°12	6°23	2°25	11°36	13°57	17°49	16° 5	8°24	23°17	T 24
F 25	0 28 4	5° 6'42	20°29	17°28	22°17	12°55	2°21	6°19	2°26	11°35	13°59	17°R50	16° 2	8°31	23°15	F 25
S 26	0 32 1	6° 6'21	4♓32	18°47	23°26	13°39	2°30	6°15	2°27	11°33	14° 1	17°48	15°59	8°38	23°13	S 26
S 27	0 35 58	7° 6'02	19° 2	20°10	24°35	14°22	2°38	6°11	2°28	11°32	14° 3	17°45	15°56	8°44	23°11	S 27
M28	0 39 54	8° 5'45	3♈54	21°37	25°44	15° 5	2°47	6° 7	2°29	11°31	14° 5	17°40	15°52	8°51	23° 9	M28
T 29	0 43 51	9° 5'30	19° 0	23° 6	26°53	15°49	2°56	6° 3	2°30	11°29	14° 7	17°32	15°49	8°58	23° 7	T 29
W30	0 47 47	10♎ 5'17	4♉11	24♍38	28♌ 2	16♏33	3♌ 4	5♉59	2♑31	11♉28	14♍10	17♌24	15♌46	9♏ 4	23♒ 6	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n20	0n18	4s 6	0s38	3s48	19n31	1s37	10s25	0s21	21n 7	0n29	11n40	2s33	23s57	0s22	13n45	1s52	21n 7	15n43	15n20	15n45	8s48	7s49	6n 5
W 2	6 57	5 16	4 48	0 10	3 41	19 25	1 32	10 41	0 21	21 5	0 29	11 39	2 34	23 57	0 22	13 45	1 53	21 6	15 43	15 21	15 46	8 50	7 50	6 4
T 3	6 35	9 54	5 10	0n21	3 32	19 18	1 27	10 56	0 22	21 3	0 29	11 38	2 34	23 57	0 22	13 44	1 53	21 6	15 43	15 22	15 47	8 52	7 51	6 4
F 4	6 12	13 53	5 12	0 56	3 20	19 10	1 21	11 12	0 23	21 1	0 29	11 38	2 34	23 57	0 22	13 44	1 53	21 5	15 43	15 23	15 48	8 54	7 52	6 4
S 5	5 49	17 0	4 55	1 34	3 7	19 2	1 16	11 28	0 23	20 59	0 29	11 37	2 34	23 57	0 22	13 44	1 53	21 4	15 43	15 23	15 49	8 56	7 53	6 4
S 6	5 26	19 2	4 21	2 14	2 52	18 53	1 11	11 43	0 24	20 56	0 30	11 36	2 34	23 57	0 22	13 43	1 53	21 3	15 43	15 23	15 50	8 58	7 54	6 4
M 7	5 3	19 56	3 32	2 56	2 35	18 43	1 6	11 59	0 25	20 54	0 30	11 35	2 35	23 57	0 22	13 43	1 53	21 2	15 43	15 23	15 51	9 0	7 55	6 4
T 8	4 40	19 40	2 33	3 38	2 17	18 34	1 1	12 14	0 25	20 52	0 30	11 34	2 35	23 57	0 22	13 43	1 53	21 1	15 43	15 23	15 52	9 2	7 56	6 3
W 9	4 16	18 20	1 27	4 20	1 58	18 23	0 56	12 30	0 26	20 50	0 30	11 33	2 35	23 56	0 22	13 43	1 53	21 1	15 43	15 22	15 53	9 4	7 57	6 3
T 10	3 53	16 4	0 18	5 1	1 38	18 12	0 51	12 45	0 27	20 48	0 30	11 32	2 35	23 56	0 22	13 42	1 53	21 0	15 44	15 22	15 54	9 6	7 58	6 3
F 11	3 30	13 3	0n51	5 39	1 18	18 1	0 46	13 0	0 27	20 46	0 30	11 31	2 35	23 56	0 22	13 42	1 53	20 59	15 44	15 22	15 55	9 8	7 59	6 3
S 12	3 6	9 29	1 57	6 14	0 58	17 49	0 41	13 15	0 28	20 44	0 30	11 30	2 36	23 56	0 22	13 42	1 53	20 58	15 44	15 23	15 56	9 10	8 0	6 3
S 13	2 43	5 34	2 56	6 45	0 38	17 36	0 36	13 30	0 29	20 42	0 31	11 29	2 36	23 56	0 22	13 41	1 53	20 57	15 44	15 24	15 57	9 12	8 1	6 2
M14	2 19	1 28	3 46	7 12	0 18	17 23	0 31	13 45	0 29	20 40	0 31	11 28	2 36	23 56	0 22	13 41	1 53	20 57	15 44	15 25	15 58	9 14	8 2	6 2
T 15	1 55	2s39	4 25	7 34	0n 0	17 10	0 26	14 0	0 30	20 38	0 31	11 27	2 36	23 56	0 22	13 40	1 53	20 56	15 44	15 27	15 59	9 16	8 3	6 2
W16	1 32	6 37	4 52	7 51	0 18	16 56	0 22	14 15	0 31	20 36	0 31	11 26	2 36	23 56	0 22	13 40	1 53	20 55	15 44	15 30	16 0	9 18	8 4	6 2
T 17	1 8	10 18	5 7	8 3	0 34	16 41	0 17	14 30	0 31	20 34	0 31	11 25	2 36	23 56	0 22	13 40	1 53	20 54	15 44	15 32	16 1	9 20	8 5	6 1
F 18	0 44	13 35	5 8	8 9	0 49	16 26	0 13	14 44	0 32	20 32	0 31	11 23	2 37	23 56	0 22	13 39	1 53	20 54	15 45	15 34	16 2	9 22	8 6	6 1
S 19	0 20	16 20	4 57	8 10	1 2	16 11	0 8	14 59	0 32	20 30	0 32	11 22	2 37	23 56	0 22	13 39	1 53	20 53	15 45	15 35	16 3	9 24	8 7	6 1
S 20	0s 4	18 24	4 32	8 7	1 14	15 55	0 4	15 13	0 33	20 28	0 32	11 21	2 37	23 56	0 22	13 39	1 53	20 52	15 45	15 36	16 3	9 26	8 8	6 1
M21	0 27	19 41	3 54	7 58	1 25	15 38	0n 1	15 28	0 34	20 26	0 32	11 20	2 37	23 56	0 22	13 38	1 53	20 51	15 45	15 37	16 4	9 28	8 8	6 0
T 22	0 51	20 3	3 5	7 45	1 34	15 21	0 5	15 42	0 34	20 24	0 32	11 18	2 37	23 56	0 22	13 38	1 53	20 51	15 45	15 36	16 5	9 30	8 9	6 0
W23	1 15	19 25	2 6	7 28	1 41	15 4	0 9	15 56	0 35	20 22	0 32	11 17	2 37	23 56	0 21	13 37	1 53	20 50	15 46	15 36	16 6	9 32	8 10	6 0
T 24	1 39	17 44	0 59	7 7	1 48	14 46	0 14	16 10	0 36	20 20	0 33	11 16	2 37	23 56	0 21	13 37	1 54	20 49	15 46	15 36	16 7	9 34	8 11	6 0
F 25	2 3	14 59	0s14	6 43	1 53	14 27	0 18	16 24	0 36	20 18	0 33	11 14	2 37	23 56	0 21	13 36	1 54	20 49	15 46	15 36	16 8	9 36	8 12	5 59
S 26	2 26	11 17	1 29	6 15	1 57	14 8	0 22	16 37	0 37	20 16	0 33	11 13	2 38	23 56	0 21	13 36	1 54	20 48	15 46	15 36	16 9	9 38	8 13	5 59
S 27	2 50	6 49	2 40	5 45	1 59	13 49	0 26	16 51	0 37	20 14	0 33	11 12	2 38	23 56	0 21	13 36	1 54	20 47	15 46	15 37	16 10	9 40	8 14	5 59
M28	3 14	1 50	3 42	5 12	2 1	13 30	0 30	17 5	0 38	20 13	0 33	11 10	2 38	23 56	0 21	13 35	1 54	20 47	15 47	15 39	16 11	9 42	8 15	5 58
T 29	3 38	3n21	4 29	4 37	2 2	13 9	0 33	17 18	0 38	20 11	0 33	11 9	2 38	23 56	0 21	13 35	1 54	20 46	15 47	15 41	16 12	9 44	8 16	5 58
W30	4s 1	8n20	4s58	4n 0	2n 2	12n49	0n37	17s31	0s39	20n 9	0n34	11n 7	2s38	23s56	0s21	13n34	1s54	20n46	15n47	15n43	16n13	9s46	8s16	5n58

Julian Day Number = 1989029.5, Delta T = 55m47s
Ecliptic obliquity = 23°36'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'02, Lahiri = 6°13'03 Julian Calendar 1 Sept. 733 == Greg. Calendar 5 Sept. 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

OCTOBER 733 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 51 44	11♎ 5'06	19♉16	26♍12	29♌12	17♏16	3♌12	5°R55	2♑32	11°R26	14♍12	17°R16	15♌43	9♏11	23°R 4	T 1
F 2	0 55 40	12° 4'58	4♊ 6	27°48	0♍22	18° 0	3°21	5♉51	2°33	11♉25	14°14	17♌ 9	15°40	9°18	23♒ 2	F 2
S 3	0 59 37	13° 4'52	18°34	29°24	1°32	18°44	3°29	5°47	2°34	11°24	14°16	17° 5	15°37	9°25	23° 1	S 3
S 4	1 3 33	14° 4'48	2♋37	1♎ 2	2°42	19°28	3°37	5°42	2°35	11°22	14°18	17° 2	15°33	9°31	22°59	S 4
M 5	1 7 30	15° 4'46	16°15	2°41	3°52	20°12	3°44	5°38	2°37	11°21	14°20	17°D 1	15°30	9°38	22°58	M 5
T 6	1 11 26	16° 4'47	29°30	4°20	5° 2	20°56	3°52	5°33	2°38	11°19	14°22	17° 2	15°27	9°45	22°56	T 6
W 7	1 15 23	17° 4'50	12♌24	5°59	6°13	21°40	4° 0	5°29	2°40	11°18	14°24	17°R 3	15°24	9°52	22°55	W 7
T 8	1 19 20	18° 4'55	25° 2	7°39	7°24	22°24	4° 7	5°24	2°41	11°16	14°26	17° 2	15°21	9°58	22°54	T 8
F 9	1 23 16	19° 5'02	7♍26	9°18	8°34	23° 8	4°14	5°20	2°43	11°15	14°28	17° 0	15°18	10° 5	22°52	F 9
S 10	1 27 13	20° 5'11	19°40	10°58	9°45	23°52	4°21	5°15	2°44	11°13	14°30	16°55	15°14	10°12	22°51	S 10
S 11	1 31 9	21° 5'22	1♎46	12°37	10°56	24°37	4°28	5°10	2°46	11°12	14°32	16°48	15°11	10°18	22°50	S 11
M12	1 35 6	22° 5'35	13°47	14°17	12° 8	25°21	4°35	5° 6	2°47	11°10	14°34	16°38	15° 8	10°25	22°49	M12
T 13	1 39 2	23° 5'50	25°43	15°56	13°19	26° 6	4°42	5° 1	2°49	11° 8	14°35	16°25	15° 5	10°32	22°48	T 13
W14	1 42 59	24° 6'07	7♏37	17°35	14°30	26°50	4°49	4°56	2°51	11° 7	14°37	16°12	15° 2	10°39	22°47	W14
T 15	1 46 55	25° 6'26	19°28	19°14	15°42	27°35	4°55	4°51	2°53	11° 5	14°39	15°59	14°58	10°45	22°46	T 15
F 16	1 50 52	26° 6'46	1♐20	20°52	16°53	28°20	5° 1	4°47	2°55	11° 4	14°41	15°46	14°55	10°52	22°45	F 16
S 17	1 54 49	27° 7'08	13°13	22°30	18° 5	29° 4	5° 7	4°42	2°56	11° 2	14°43	15°36	14°52	10°59	22°44	S 17
S 18	1 58 45	28° 7'32	25°12	24° 8	19°17	29°49	5°13	4°37	2°58	11° 0	14°45	15°29	14°49	11° 6	22°43	S 18
M19	2 2 42	29° 7'57	7♑19	25°45	20°29	0♐34	5°19	4°32	3° 0	10°59	14°46	15°24	14°46	11°12	22°43	M19
T 20	2 6 38	0♏ 8'24	19°38	27°22	21°41	1°19	5°25	4°27	3° 2	10°57	14°48	15°22	14°43	11°19	22°42	T 20
W21	2 10 35	1° 8'52	2♒16	28°59	22°53	2° 4	5°30	4°22	3° 5	10°55	14°50	15°D22	14°39	11°26	22°41	W21
T 22	2 14 31	2° 9'21	15°15	0♏35	24° 5	2°49	5°35	4°17	3° 7	10°54	14°52	15°R22	14°36	11°32	22°41	T 22
F 23	2 18 28	3° 9'52	28°41	2°11	25°18	3°34	5°40	4°13	3° 9	10°52	14°53	15°21	14°33	11°39	22°40	F 23
S 24	2 22 24	4°10'24	12♓36	3°47	26°30	4°19	5°45	4° 8	3°11	10°50	14°55	15°19	14°30	11°46	22°40	S 24
S 25	2 26 21	5°10'57	27° 1	5°23	27°43	5° 4	5°50	4° 3	3°13	10°49	14°57	15°14	14°27	11°53	22°40	S 25
M26	2 30 18	6°11'32	11♈53	6°58	28°55	5°50	5°55	3°58	3°15	10°47	14°58	15° 6	14°23	11°59	22°39	M26
T 27	2 34 14	7°12'08	27° 5	8°33	0♎ 8	6°35	5°59	3°53	3°18	10°45	15° 0	14°56	14°20	12° 6	22°39	T 27
W28	2 38 11	8°12'45	12♉27	10° 8	1°21	7°20	6° 4	3°48	3°20	10°43	15° 1	14°45	14°17	12°13	22°39	W28
T 29	2 42 7	9°13'24	27°47	11°42	2°33	8° 6	6° 8	3°43	3°23	10°42	15° 3	14°33	14°14	12°19	22°39	T 29
F 30	2 46 4	10°14'05	12♊55	13°17	3°46	8°51	6°12	3°38	3°25	10°40	15° 4	14°23	14°11	12°26	22°39	F 30
S 31	2 50 0	11♏14'48	27♊39	14♏51	4♎59	9♐37	6♌15	3♉33	3♑27	10♉38	15♍ 6	14♌16	14♌ 8	12♏33	22°D39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s25	12n45	5s 6	3n22	2n 1	12n28	0n41	17s44	0s40	20n 7	0n34	11n 6	2s38	23s56	0s21	13n34	1s54	20n45	15n47	15n46	16n14	9s48	8s17	5n58
F 2	4 48	16 19	4 53	2 43	2 0	12 7	0 44	17 57	0 40	20 5	0 34	11 4	2 38	23 56	0 21	13 33	1 54	20 44	15 48	15 48	16 15	9 50	8 18	5 57
S 3	5 12	18 46	4 21	2 2	1 57	11 45	0 48	18 10	0 41	20 4	0 34	11 3	2 38	23 56	0 21	13 33	1 54	20 44	15 48	15 49	16 16	9 52	8 19	5 57
S 4	5 35	20 0	3 35	1 20	1 55	11 23	0 51	18 23	0 41	20 2	0 34	11 1	2 38	23 56	0 21	13 32	1 54	20 43	15 48	15 50	16 17	9 54	8 20	5 57
M 5	5 59	20 0	2 37	0 38	1 51	11 0	0 54	18 35	0 42	20 0	0 35	11 0	2 38	23 56	0 21	13 32	1 54	20 43	15 49	15 50	16 18	9 56	8 20	5 56
T 6	6 22	18 53	1 32	0s 5	1 48	10 37	0 58	18 47	0 42	19 59	0 35	10 58	2 39	23 56	0 21	13 31	1 54	20 42	15 49	15 50	16 19	9 58	8 21	5 56
W 7	6 45	16 48	0 25	0 49	1 43	10 14	1 1	19 0	0 43	19 57	0 35	10 57	2 39	23 56	0 21	13 31	1 54	20 42	15 49	15 50	16 20	10 0	8 22	5 56
T 8	7 8	13 56	0n43	1 32	1 39	9 50	1 4	19 12	0 43	19 56	0 35	10 55	2 39	23 56	0 21	13 30	1 54	20 41	15 50	15 50	16 21	10 2	8 23	5 55
F 9	7 31	10 29	1 47	2 16	1 34	9 27	1 7	19 23	0 44	19 54	0 35	10 54	2 39	23 56	0 21	13 30	1 54	20 41	15 50	15 51	16 22	10 4	8 23	5 55
S 10	7 54	6 38	2 45	3 0	1 29	9 2	1 10	19 35	0 45	19 53	0 36	10 52	2 39	23 56	0 21	13 29	1 54	20 40	15 50	15 52	16 22	10 6	8 24	5 55
S 11	8 17	2 34	3 34	3 44	1 24	8 38	1 13	19 47	0 45	19 51	0 36	10 50	2 39	23 56	0 21	13 29	1 54	20 40	15 51	15 54	16 23	10 8	8 25	5 54
M12	8 40	1s34	4 14	4 28	1 18	8 13	1 15	19 58	0 46	19 50	0 36	10 49	2 39	23 56	0 21	13 28	1 54	20 39	15 51	15 58	16 24	10 10	8 26	5 54
T 13	9 2	5 38	4 42	5 12	1 12	7 48	1 18	20 9	0 46	19 48	0 36	10 47	2 39	23 56	0 21	13 28	1 54	20 39	15 51	16 1	16 25	10 12	8 26	5 54
W14	9 25	9 27	4 58	5 56	1 6	7 23	1 20	20 20	0 47	19 47	0 36	10 46	2 39	23 55	0 21	13 27	1 54	20 39	15 52	16 5	16 26	10 14	8 27	5 53
T 15	9 47	12 53	5 1	6 39	1 0	6 57	1 23	20 31	0 47	19 45	0 37	10 44	2 39	23 55	0 21	13 27	1 54	20 38	15 52	16 9	16 27	10 16	8 27	5 53
F 16	10 9	15 49	4 50	7 22	0 54	6 31	1 25	20 42	0 48	19 44	0 37	10 42	2 39	23 55	0 21	13 26	1 54	20 38	15 52	16 13	16 28	10 18	8 28	5 53
S 17	10 31	18 7	4 28	8 5	0 47	6 5	1 27	20 52	0 48	19 43	0 37	10 41	2 39	23 55	0 21	13 26	1 54	20 37	15 53	16 16	16 29	10 20	8 29	5 52
S 18	10 53	19 38	3 53	8 47	0 41	5 39	1 30	21 2	0 49	19 42	0 37	10 39	2 39	23 55	0 21	13 25	1 54	20 37	15 53	16 18	16 30	10 22	8 29	5 52
M19	11 14	20 17	3 7	9 29	0 34	5 12	1 32	21 12	0 49	19 40	0 37	10 38	2 39	23 55	0 21	13 25	1 54	20 37	15 53	16 20	16 31	10 24	8 30	5 52
T 20	11 36	19 59	2 12	10 11	0 27	4 45	1 34	21 22	0 49	19 39	0 38	10 36	2 39	23 55	0 21	13 24	1 54	20 36	15 54	16 20	16 32	10 26	8 30	5 51
W21	11 57	18 40	1 9	10 52	0 21	4 18	1 36	21 32	0 50	19 38	0 38	10 34	2 39	23 55	0 21	13 24	1 54	20 36	15 54	16 20	16 33	10 28	8 31	5 51
T 22	12 18	16 22	0 1	11 32	0 14	3 51	1 37	21 41	0 50	19 37	0 38	10 33	2 39	23 55	0 21	13 23	1 54	20 36	15 55	16 20	16 34	10 30	8 31	5 50
F 23	12 39	13 6	1s10	12 12	0 8	3 24	1 39	21 50	0 51	19 36	0 38	10 31	2 39	23 55	0 21	13 23	1 54	20 36	15 55	16 20	16 35	10 32	8 32	5 50
S 24	13 0	9 1	2 19	12 51	0 1	2 56	1 41	21 59	0 51	19 35	0 38	10 29	2 39	23 55	0 21	13 22	1 54	20 35	15 56	16 21	16 36	10 34	8 32	5 50
S 25	13 20	4 16	3 21	13 30	0s 6	2 29	1 42	22 8	0 52	19 34	0 39	10 28	2 39	23 55	0 21	13 22	1 54	20 35	15 56	16 23	16 37	10 36	8 33	5 49
M26	13 41	0n52	4 12	14 8	0 12	2 1	1 43	22 17	0 52	19 33	0 39	10 26	2 39	23 55	0 21	13 21	1 54	20 35	15 56	16 25	16 37	10 38	8 33	5 49
T 27	14 1	6 3	4 46	14 45	0 19	1 33	1 45	22 25	0 53	19 32	0 39	10 25	2 39	23 55	0 21	13 21	1 54	20 35	15 57	16 28	16 38	10 40	8 34	5 49
W28	14 20	10 55	5 0	15 21	0 25	1 5	1 46	22 33	0 53	19 31	0 39	10 23	2 39	23 55	0 21	13 20	1 54	20 34	15 57	16 31	16 39	10 42	8 34	5 48
T 29	14 40	15 3	4 52	15 57	0 32	0 37	1 47	22 41	0 53	19 30	0 40	10 21	2 38	23 55	0 21	13 20	1 54	20 34	15 58	16 35	16 40	10 44	8 35	5 48
F 30	14 59	18 8	4 24	16 32	0 38	0 9	1 48	22 49	0 54	19 30	0 40	10 20	2 38	23 55	0 21	13 19	1 54	20 34	15 58	16 37	16 41	10 46	8 35	5 47
S 31	15s18	19n56	3s39	17s 7	0s44	0s20	1n49	22s56	0s54	19n29	0n40	10n18	2s38	23s54	0s21	13n18	1s54	20n34	15n59	16n40	16n42	10s48	8s35	5n47

Julian Day Number = 1989059.5, Delta T = 55m46s
Ecliptic obliquity = 23°36'04, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'06, Lahiri = 6°13'07 Julian Calendar 1 Oct. 733 == Greg. Calendar 5 Oct. 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

NOVEMBER 733 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 53 57	12♏15'32	11♋56	16♏25	6♎12	10♐22	6♌19	3°R29	3♑30	10°R37	15♍ 7	14°R11	14♌ 4	12♏40	22♒39	S 1
M 2	2 57 53	13°16'17	25°43	17°59	7°26	11° 8	6°22	3♉24	3°33	10♉35	15° 9	14♌ 9	14° 1	12°46	22°39	M 2
T 3	3 1 50	14°17'05	9♌ 1	19°32	8°39	11°54	6°26	3°19	3°35	10°33	15°10	14° 8	13°58	12°53	22°39	T 3
W 4	3 5 47	15°17'53	21°55	21° 6	9°52	12°39	6°29	3°14	3°38	10°32	15°11	14° 8	13°55	13° 0	22°39	W 4
T 5	3 9 43	16°18'44	4♍28	22°40	11° 6	13°25	6°31	3° 9	3°40	10°30	15°13	14° 7	13°52	13° 7	22°40	T 5
F 6	3 13 40	17°19'36	16°46	24°13	12°19	14°11	6°34	3° 5	3°43	10°28	15°14	14° 4	13°49	13°13	22°40	F 6
S 7	3 17 36	18°20'29	28°52	25°46	13°33	14°57	6°37	3° 0	3°46	10°27	15°15	13°59	13°45	13°20	22°40	S 7
S 8	3 21 33	19°21'24	10♎50	27°19	14°46	15°43	6°39	2°55	3°49	10°25	15°17	13°50	13°42	13°27	22°41	S 8
M 9	3 25 29	20°22'20	22°44	28°53	16° 0	16°29	6°41	2°51	3°51	10°23	15°18	13°39	13°39	13°33	22°41	M 9
T 10	3 29 26	21°23'17	4♏36	0♐26	17°13	17°15	6°43	2°46	3°54	10°22	15°19	13°25	13°36	13°40	22°42	T 10
W11	3 33 22	22°24'16	16°28	1°59	18°27	18° 1	6°45	2°42	3°57	10°20	15°20	13°10	13°33	13°47	22°43	W11
T 12	3 37 19	23°25'15	28°21	3°32	19°41	18°47	6°46	2°37	4° 0	10°18	15°21	12°55	13°29	13°54	22°43	T 12
F 13	3 41 16	24°26'16	10♐17	5° 4	20°55	19°33	6°47	2°33	4° 3	10°17	15°22	12°42	13°26	14° 0	22°44	F 13
S 14	3 45 12	25°27'18	22°16	6°37	22° 9	20°20	6°49	2°29	4° 6	10°15	15°23	12°30	13°23	14° 7	22°45	S 14
S 15	3 49 9	26°28'20	4♑20	8°10	23°23	21° 6	6°49	2°24	4° 9	10°13	15°24	12°21	13°20	14°14	22°46	S 15
M16	3 53 5	27°29'23	16°33	9°42	24°37	21°52	6°50	2°20	4°12	10°12	15°25	12°16	13°17	14°21	22°47	M16
T 17	3 57 2	28°30'27	28°55	11°15	25°51	22°39	6°51	2°16	4°15	10°10	15°26	12°13	13°14	14°27	22°48	T 17
W18	4 0 58	29°31'32	11♒33	12°47	27° 5	23°25	6°51	2°12	4°18	10° 9	15°27	12°D12	13°10	14°34	22°49	W18
T 19	4 4 55	0♐32'37	24°28	14°19	28°19	24°11	6°R51	2° 8	4°21	10° 7	15°28	12°R12	13° 7	14°41	22°50	T 19
F 20	4 8 51	1°33'42	7♓46	15°50	29°33	24°58	6°51	2° 4	4°24	10° 5	15°29	12°12	13° 4	14°47	22°51	F 20
S 21	4 12 48	2°34'48	21°29	17°22	0♏47	25°44	6°51	2° 0	4°27	10° 4	15°30	12°11	13° 1	14°54	22°52	S 21
S 22	4 16 45	3°35'54	5♈39	18°53	2° 1	26°31	6°51	1°56	4°30	10° 2	15°31	12° 7	12°58	15° 1	22°54	S 22
M23	4 20 41	4°37'01	20°16	20°23	3°16	27°17	6°50	1°53	4°34	10° 1	15°32	12° 1	12°55	15° 8	22°55	M23
T 24	4 24 38	5°38'08	5♉15	21°53	4°30	28° 4	6°49	1°49	4°37	9°59	15°32	11°52	12°51	15°14	22°56	T 24
W25	4 28 34	6°39'16	20°27	23°21	5°44	28°51	6°48	1°45	4°40	9°58	15°33	11°42	12°48	15°21	22°58	W25
T 26	4 32 31	7°40'24	5♊44	24°49	6°59	29°37	6°47	1°42	4°43	9°56	15°34	11°32	12°45	15°28	22°59	T 26
F 27	4 36 27	8°41'32	20°54	26°16	8°13	0♑24	6°45	1°38	4°46	9°55	15°34	11°23	12°42	15°34	23° 1	F 27
S 28	4 40 24	9°42'42	5♋45	27°41	9°27	1°11	6°44	1°35	4°50	9°53	15°35	11°16	12°39	15°41	23° 3	S 28
S 29	4 44 20	10°43'51	20°12	29° 5	10°42	1°58	6°42	1°32	4°53	9°52	15°35	11°11	12°35	15°48	23° 4	S 29
M30	4 48 17	11♐45'02	4♌ 9	0♑27	11♏56	2♑45	6♌40	1♉29	4♑56	9♉51	15♍36	11♌10	12♌32	15♏55	23♒ 6	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s37	20n23	2s41	17s40	0s51	0s48	1n50	23s 3	0s55	19n28	0n40	10n17	2s38	23s54	0s21	13n18	1s54	20n34	15n59	16n41	16n43	10s50	8s36	5n47
M 2	15 56	19 35	1 36	18 13	0 57	1 16	1 51	23 10	0 55	19 28	0 41	10 15	2 38	23 54	0 21	13 17	1 54	20 34	16 0	16 42	16 44	10 52	8 36	5 46
T 3	16 14	17 41	0 27	18 44	1 3	1 45	1 51	23 17	0 55	19 27	0 41	10 14	2 38	23 54	0 21	13 17	1 54	20 33	16 0	16 42	16 45	10 54	8 36	5 46
W 4	16 32	14 57	0n41	19 15	1 8	2 13	1 52	23 23	0 56	19 26	0 41	10 12	2 38	23 54	0 21	13 16	1 54	20 33	16 1	16 42	16 46	10 56	8 36	5 46
T 5	16 50	11 34	1 45	19 45	1 14	2 42	1 52	23 30	0 56	19 26	0 41	10 11	2 38	23 54	0 21	13 16	1 54	20 33	16 1	16 42	16 47	10 58	8 37	5 45
F 6	17 7	7 46	2 43	20 14	1 20	3 10	1 53	23 36	0 57	19 26	0 41	10 9	2 38	23 54	0 21	13 15	1 54	20 33	16 2	16 43	16 48	11 0	8 37	5 45
S 7	17 24	3 42	3 33	20 42	1 25	3 39	1 53	23 41	0 57	19 25	0 42	10 8	2 38	23 54	0 21	13 15	1 54	20 33	16 2	16 45	16 49	11 2	8 37	5 45
S 8	17 41	0s27	4 12	21 9	1 30	4 7	1 53	23 47	0 57	19 25	0 42	10 6	2 37	23 54	0 21	13 14	1 54	20 33	16 3	16 47	16 49	11 4	8 37	5 44
M 9	17 58	4 34	4 40	21 35	1 35	4 36	1 53	23 52	0 58	19 24	0 42	10 5	2 37	23 54	0 21	13 14	1 54	20 33	16 3	16 50	16 50	11 6	8 38	5 44
T 10	18 14	8 30	4 56	22 0	1 40	5 4	1 53	23 57	0 58	19 24	0 42	10 3	2 37	23 54	0 21	13 13	1 54	20 33	16 4	16 54	16 51	11 8	8 38	5 43
W11	18 30	12 6	4 59	22 24	1 45	5 32	1 53	24 1	0 58	19 24	0 43	10 2	2 37	23 54	0 21	13 13	1 54	20 33	16 4	16 59	16 52	11 10	8 38	5 43
T 12	18 45	15 14	4 49	22 47	1 49	6 0	1 53	24 6	0 59	19 24	0 43	10 1	2 37	23 53	0 21	13 12	1 54	20 33	16 5	17 3	16 53	11 12	8 38	5 43
F 13	19 0	17 45	4 26	23 8	1 53	6 29	1 53	24 10	0 59	19 24	0 43	9 59	2 37	23 53	0 21	13 12	1 54	20 33	16 5	17 7	16 54	11 14	8 38	5 42
S 14	19 15	19 31	3 51	23 29	1 57	6 57	1 52	24 14	0 59	19 24	0 43	9 58	2 36	23 53	0 21	13 11	1 54	20 33	16 6	17 10	16 55	11 16	8 38	5 42
S 15	19 30	20 26	3 6	23 48	2 0	7 24	1 52	24 17	1 0	19 24	0 44	9 57	2 36	23 53	0 21	13 11	1 54	20 33	16 6	17 13	16 56	11 18	8 38	5 42
M16	19 44	20 24	2 11	24 6	2 4	7 52	1 52	24 21	1 0	19 24	0 44	9 55	2 36	23 53	0 21	13 10	1 54	20 33	16 7	17 14	16 57	11 20	8 38	5 41
T 17	19 58	19 22	1 10	24 22	2 6	8 20	1 51	24 24	1 0	19 24	0 44	9 54	2 36	23 53	0 21	13 10	1 54	20 33	16 7	17 15	16 58	11 22	8 38	5 41
W18	20 11	17 23	0 3	24 37	2 9	8 47	1 50	24 27	1 0	19 24	0 44	9 53	2 36	23 53	0 21	13 9	1 54	20 34	16 8	17 15	16 59	11 24	8 38	5 40
T 19	20 24	14 28	1s 5	24 51	2 11	9 14	1 50	24 29	1 1	19 24	0 45	9 52	2 36	23 53	0 21	13 9	1 54	20 34	16 8	17 15	17 0	11 26	8 38	5 40
F 20	20 37	10 45	2 11	25 3	2 13	9 42	1 49	24 31	1 1	19 24	0 45	9 51	2 35	23 53	0 21	13 8	1 54	20 34	16 9	17 15	17 0	11 28	8 38	5 40
S 21	20 49	6 21	3 13	25 14	2 15	10 8	1 48	24 33	1 1	19 25	0 45	9 49	2 35	23 53	0 21	13 8	1 54	20 34	16 9	17 16	17 1	11 30	8 38	5 39
S 22	21 1	1 28	4 4	25 23	2 16	10 35	1 47	24 35	1 2	19 25	0 45	9 48	2 35	23 52	0 21	13 8	1 54	20 34	16 10	17 17	17 2	11 32	8 38	5 39
M23	21 12	3n38	4 41	25 31	2 16	11 2	1 46	24 36	1 2	19 25	0 46	9 47	2 35	23 52	0 21	13 7	1 54	20 34	16 11	17 18	17 3	11 34	8 38	5 39
T 24	21 23	8 38	5 1	25 37	2 16	11 28	1 45	24 37	1 2	19 26	0 46	9 46	2 35	23 52	0 21	13 7	1 54	20 35	16 11	17 21	17 4	11 36	8 38	5 38
W25	21 34	13 10	4 59	25 41	2 16	11 54	1 44	24 38	1 2	19 26	0 46	9 45	2 34	23 52	0 21	13 6	1 54	20 35	16 12	17 24	17 5	11 38	8 38	5 38
T 26	21 44	16 52	4 36	25 44	2 14	12 19	1 42	24 39	1 3	19 27	0 46	9 44	2 34	23 52	0 21	13 6	1 54	20 35	16 12	17 26	17 6	11 40	8 38	5 38
F 27	21 54	19 23	3 54	25 45	2 13	12 45	1 41	24 39	1 3	19 28	0 47	9 43	2 34	23 52	0 21	13 5	1 54	20 35	16 13	17 29	17 7	11 42	8 37	5 37
S 28	22 3	20 32	2 57	25 45	2 10	13 10	1 40	24 39	1 3	19 28	0 47	9 42	2 34	23 52	0 21	13 5	1 54	20 36	16 13	17 31	17 8	11 44	8 37	5 37
S 29	22 12	20 16	1 49	25 43	2 7	13 35	1 38	24 38	1 3	19 29	0 47	9 41	2 33	23 52	0 21	13 5	1 54	20 36	16 14	17 32	17 9	11 46	8 37	5 37
M30	22s21	18n45	0s37	25s39	2s 3	13s59	1n37	24s38	1s 3	19n30	0n47	9n40	2s33	23s52	0s21	13n 4	1s54	20n36	16n15	17n33	17n 9	11s48	8s37	5n36

Julian Day Number = 1989090.5, Delta T = 55m45s
Ecliptic obliquity = 23°36'04, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'11, Lahiri = 6°13'11 Julian Calendar 1 Nov. 733 == Greg. Calendar 5 Nov. 733

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ASTRODIENST EPHEMERIS for the year 733
geocentric

DECEMBER 733 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 52 14	12♐46'13	17♌38	1♑46	13♏11	3♑31	6°R38	1°R26	5♑ 0	9°R49	15♍37	11°D 9	12♌29	16♏ 1	23♒ 8	T 1
W 2	4 56 10	13°47'24	0♍39	3° 3	14°25	4°18	6♌36	1♉23	5° 3	9♉48	15°37	11♌10	12°26	16° 8	23°10	W 2
T 3	5 0 7	14°48'36	13°16	4°17	15°40	5° 5	6°33	1°20	5° 7	9°47	15°37	11°R11	12°23	16°15	23°11	T 3
F 4	5 4 3	15°49'49	25°35	5°26	16°55	5°52	6°30	1°17	5°10	9°45	15°38	11°10	12°20	16°22	23°13	F 4
S 5	5 8 0	16°51'01	7♎40	6°32	18° 9	6°39	6°27	1°14	5°13	9°44	15°38	11° 8	12°16	16°28	23°15	S 5
S 6	5 11 56	17°52'15	19°37	7°32	19°24	7°26	6°24	1°12	5°17	9°43	15°39	11° 3	12°13	16°35	23°17	S 6
M 7	5 15 53	18°53'29	1♏28	8°27	20°39	8°13	6°21	1° 9	5°20	9°41	15°39	10°56	12°10	16°42	23°20	M 7
T 8	5 19 49	19°54'43	13°19	9°15	21°53	9° 0	6°17	1° 7	5°24	9°40	15°39	10°47	12° 7	16°48	23°22	T 8
W 9	5 23 46	20°55'57	25°12	9°56	23° 8	9°47	6°14	1° 5	5°27	9°39	15°39	10°37	12° 4	16°55	23°24	W 9
T 10	5 27 43	21°57'12	7♐ 8	10°28	24°23	10°34	6°10	1° 2	5°31	9°38	15°40	10°26	12° 1	17° 2	23°26	T 10
F 11	5 31 39	22°58'26	19°10	10°51	25°37	11°22	6° 6	1° 0	5°34	9°37	15°40	10°17	11°57	17° 9	23°28	F 11
S 12	5 35 36	23°59'41	1♑19	11° 4	26°52	12° 9	6° 1	0°58	5°38	9°36	15°40	10° 9	11°54	17°15	23°31	S 12
S 13	5 39 32	25° 0'55	13°36	11°R 5	28° 7	12°56	5°57	0°56	5°41	9°35	15°40	10° 4	11°51	17°22	23°33	S 13
M14	5 43 29	26° 2'09	26° 2	10°56	29°22	13°43	5°52	0°55	5°45	9°33	15°40	10° 0	11°48	17°29	23°36	M14
T 15	5 47 25	27° 3'23	8♒38	10°34	0♐36	14°30	5°48	0°53	5°48	9°32	15°R40	9°D59	11°45	17°36	23°38	T 15
W16	5 51 22	28° 4'36	21°26	10° 1	1°51	15°18	5°43	0°52	5°52	9°31	15°40	10° 0	11°41	17°42	23°41	W16
T 17	5 55 19	29° 5'49	4♓29	9°16	3° 6	16° 5	5°38	0°50	5°55	9°30	15°40	10° 1	11°38	17°49	23°43	T 17
F 18	5 59 15	0♑ 7'01	17°48	8°21	4°21	16°52	5°33	0°49	5°59	9°29	15°40	10° 3	11°35	17°56	23°46	F 18
S 19	6 3 12	1° 8'13	1♈27	7°17	5°36	17°40	5°27	0°48	6° 2	9°29	15°40	10°R 3	11°32	18° 2	23°48	S 19
S 20	6 7 8	2° 9'24	15°25	6° 5	6°50	18°27	5°22	0°46	6° 6	9°28	15°40	10° 2	11°29	18° 9	23°51	S 20
M21	6 11 5	3°10'34	29°44	4°49	8° 5	19°14	5°16	0°45	6° 9	9°27	15°39	10° 0	11°26	18°16	23°54	M21
T 22	6 15 1	4°11'43	14♉20	3°30	9°20	20° 1	5°10	0°45	6°13	9°26	15°39	9°56	11°22	18°23	23°57	T 22
W23	6 18 58	5°12'52	29° 8	2°11	10°35	20°49	5° 4	0°44	6°17	9°25	15°39	9°51	11°19	18°29	23°59	W23
T 24	6 22 54	6°14'00	14♊ 2	0°54	11°50	21°36	4°58	0°43	6°20	9°24	15°39	9°45	11°16	18°36	24° 2	T 24
F 25	6 26 51	7°15'08	28°54	29♐42	13° 5	22°24	4°52	0°43	6°24	9°24	15°38	9°41	11°13	18°43	24° 5	F 25
S 26	6 30 48	8°16'14	13♋34	28°37	14°19	23°11	4°45	0°42	6°27	9°23	15°38	9°37	11°10	18°49	24° 8	S 26
S 27	6 34 44	9°17'20	27°57	27°39	15°34	23°58	4°39	0°42	6°31	9°22	15°37	9°35	11° 7	18°56	24°11	S 27
M28	6 38 41	10°18'26	11♌55	26°49	16°49	24°46	4°32	0°42	6°34	9°22	15°37	9°D34	11° 3	19° 3	24°14	M28
T 29	6 42 37	11°19'31	25°29	26° 9	18° 4	25°33	4°26	0°D42	6°38	9°21	15°37	9°35	11° 0	19°10	24°17	T 29
W30	6 46 34	12°20'35	8♍36	25°38	19°19	26°21	4°19	0°42	6°41	9°20	15°36	9°37	10°57	19°16	24°20	W30
T 31	6 50 30	13♑21'39	21♍21	25♐16	20♐34	27♑ 8	4♌12	0♉42	6♑45	9♉20	15♍36	9♌38	10♌54	19♏23	24♒23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s29	16n12	0n35	25s34	1s59	14s23	1n35	24s37	1s 4	19n30	0n47	9n40	2s33	23s51	0s21	13n 4	1s53	20n36	16n15	17n33	17n10	11s50	8s37	5n36
W 2	22 37	12 55	1 42	25 27	1 53	14 47	1 34	24 36	1 4	19 31	0 48	9 39	2 33	23 51	0 21	13 3	1 53	20 37	16 16	17 32	17 11	11 51	8 36	5 36
T 3	22 44	9 8	2 43	25 18	1 47	15 11	1 32	24 34	1 4	19 32	0 48	9 38	2 32	23 51	0 21	13 3	1 53	20 37	16 16	17 32	17 12	11 53	8 36	5 35
F 4	22 50	5 3	3 35	25 8	1 39	15 34	1 30	24 32	1 4	19 33	0 48	9 37	2 32	23 51	0 21	13 3	1 53	20 38	16 17	17 32	17 13	11 55	8 36	5 35
S 5	22 57	0 51	4 16	24 57	1 31	15 56	1 28	24 30	1 4	19 34	0 48	9 37	2 32	23 51	0 21	13 2	1 53	20 38	16 17	17 33	17 14	11 57	8 35	5 35
S 6	23 3	3s20	4 45	24 44	1 21	16 19	1 26	24 28	1 5	19 35	0 49	9 36	2 32	23 51	0 21	13 2	1 53	20 38	16 18	17 34	17 15	11 59	8 35	5 34
M 7	23 8	7 21	5 2	24 30	1 10	16 40	1 25	24 25	1 5	19 36	0 49	9 35	2 31	23 51	0 21	13 2	1 53	20 39	16 19	17 36	17 16	12 1	8 35	5 34
T 8	23 13	11 5	5 6	24 15	0 59	17 2	1 23	24 22	1 5	19 37	0 49	9 35	2 31	23 50	0 21	13 1	1 53	20 39	16 19	17 39	17 17	12 3	8 34	5 34
W 9	23 17	14 24	4 56	23 59	0 46	17 23	1 21	24 19	1 5	19 38	0 49	9 34	2 31	23 50	0 21	13 1	1 53	20 40	16 20	17 42	17 18	12 5	8 34	5 33
T 10	23 21	17 9	4 34	23 42	0 31	17 43	1 18	24 16	1 5	19 40	0 50	9 34	2 31	23 50	0 21	13 1	1 53	20 40	16 20	17 44	17 18	12 7	8 33	5 33
F 11	23 25	19 11	3 59	23 25	0 16	18 4	1 16	24 12	1 5	19 41	0 50	9 33	2 30	23 50	0 21	13 0	1 53	20 40	16 21	17 47	17 19	12 9	8 33	5 33
S 12	23 28	20 22	3 13	23 7	0n 1	18 23	1 14	24 8	1 5	19 42	0 50	9 33	2 30	23 50	0 21	13 0	1 53	20 41	16 21	17 49	17 20	12 11	8 33	5 32
S 13	23 30	20 37	2 18	22 50	0 18	18 42	1 12	24 3	1 6	19 43	0 50	9 33	2 30	23 50	0 21	13 0	1 53	20 41	16 22	17 51	17 21	12 13	8 32	5 32
M14	23 32	19 52	1 15	22 32	0 37	19 1	1 10	23 59	1 6	19 45	0 51	9 32	2 29	23 50	0 21	12 59	1 53	20 42	16 23	17 52	17 22	12 15	8 32	5 32
T 15	23 34	18 6	0 7	22 15	0 56	19 19	1 8	23 54	1 6	19 46	0 51	9 32	2 29	23 49	0 21	12 59	1 53	20 42	16 23	17 52	17 23	12 17	8 31	5 31
W16	23 35	15 26	1s 2	21 58	1 15	19 36	1 5	23 48	1 6	19 48	0 51	9 32	2 29	23 49	0 21	12 59	1 53	20 43	16 24	17 52	17 24	12 19	8 30	5 31
T 17	23 36	11 56	2 9	21 42	1 35	19 53	1 3	23 43	1 6	19 49	0 51	9 31	2 29	23 49	0 21	12 58	1 53	20 44	16 24	17 51	17 25	12 21	8 30	5 31
F 18	23 36	7 46	3 11	21 27	1 54	20 10	1 0	23 37	1 6	19 51	0 51	9 31	2 28	23 49	0 21	12 58	1 53	20 44	16 25	17 51	17 26	12 23	8 29	5 31
S 19	23 36	3 8	4 3	21 12	2 12	20 26	0 58	23 31	1 6	19 52	0 52	9 31	2 28	23 49	0 21	12 58	1 53	20 45	16 25	17 51	17 26	12 25	8 29	5 30
S 20	23 35	1n46	4 43	20 59	2 29	20 41	0 56	23 25	1 6	19 54	0 52	9 31	2 28	23 49	0 21	12 58	1 53	20 45	16 26	17 51	17 27	12 26	8 28	5 30
M21	23 34	6 41	5 6	20 47	2 44	20 56	0 53	23 18	1 6	19 55	0 52	9 31	2 27	23 49	0 21	12 58	1 53	20 46	16 27	17 52	17 28	12 28	8 27	5 30
T 22	23 32	11 18	5 10	20 36	2 57	21 10	0 51	23 11	1 6	19 57	0 52	9 31	2 27	23 48	0 21	12 57	1 52	20 46	16 27	17 53	17 29	12 30	8 27	5 29
W23	23 30	15 19	4 54	20 27	3 8	21 23	0 48	23 4	1 6	19 59	0 53	9 31	2 27	23 48	0 21	12 57	1 52	20 47	16 28	17 54	17 30	12 32	8 26	5 29
T 24	23 27	18 23	4 18	20 19	3 17	21 36	0 46	22 57	1 6	20 0	0 53	9 31	2 26	23 48	0 21	12 57	1 52	20 48	16 28	17 56	17 31	12 34	8 26	5 29
F 25	23 24	20 12	3 24	20 13	3 23	21 49	0 43	22 49	1 6	20 2	0 53	9 31	2 26	23 48	0 21	12 57	1 52	20 48	16 29	17 57	17 32	12 36	8 25	5 29
S 26	23 20	20 38	2 17	20 10	3 26	22 0	0 40	22 41	1 6	20 4	0 53	9 31	2 26	23 48	0 21	12 57	1 52	20 49	16 29	17 58	17 33	12 38	8 24	5 28
S 27	23 16	19 41	1 3	20 8	3 27	22 11	0 38	22 33	1 6	20 6	0 53	9 31	2 26	23 48	0 21	12 56	1 52	20 50	16 30	17 58	17 33	12 40	8 23	5 28
M28	23 12	17 32	0n13	20 8	3 26	22 21	0 35	22 24	1 6	20 7	0 54	9 32	2 25	23 47	0 21	12 56	1 52	20 50	16 30	17 59	17 34	12 42	8 23	5 28
T 29	23 7	14 28	1 26	20 9	3 23	22 31	0 33	22 16	1 6	20 9	0 54	9 32	2 25	23 47	0 21	12 56	1 52	20 51	16 31	17 58	17 35	12 44	8 22	5 28
W30	23 1	10 45	2 33	20 13	3 19	22 40	0 30	22 7	1 6	20 11	0 54	9 32	2 25	23 47	0 21	12 56	1 52	20 52	16 31	17 58	17 36	12 46	8 21	5 27
T 31	22s56	6n39	3n29	20s18	3n13	22s48	0n27	21s58	1s 6	20n13	0n54	9n32	2s24	23s47	0s21	12n56	1s52	20n52	16n32	17n57	17n37	12s48	8s20	5n27

Julian Day Number = 1989120.5, Delta T = 55m44s
Ecliptic obliquity = 23°36'04, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'15, Lahiri = 6°13'15 Julian Calendar 1 Dec. 733 == Greg. Calendar 5 Dec. 733

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ASTRODIENST EPHEMERIS for the year 734
geocentric

JANUARY 734 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 54 27	14♑22'42	3♎46	25°R 4	21♐49	27♑55	4°R 5	0♉42	6♑48	9°R19	15°R35	9♌40	10♌51	19♏30	24♒26	F 1
S 2	6 58 23	15°23'44	15°55	24°D59	23° 4	28°43	3♌58	0°42	6°52	9♉19	15♍34	9°R40	10°47	19°37	24°30	S 2
S 3	7 2 20	16°24'46	27°53	25♐ 3	24°18	29°30	3°50	0°43	6°56	9°18	15°34	9°40	10°44	19°43	24°33	S 3
M 4	7 6 17	17°25'47	9♏46	25°14	25°33	0♒18	3°43	0°43	6°59	9°18	15°33	9°38	10°41	19°50	24°36	M 4
T 5	7 10 13	18°26'48	21°37	25°33	26°48	1° 5	3°36	0°44	7° 3	9°17	15°32	9°35	10°38	19°57	24°39	T 5
W 6	7 14 10	19°27'48	3♐31	25°57	28° 3	1°53	3°28	0°45	7° 6	9°17	15°32	9°32	10°35	20° 3	24°43	W 6
T 7	7 18 6	20°28'47	15°31	26°27	29°18	2°40	3°21	0°46	7°10	9°17	15°31	9°29	10°32	20°10	24°46	T 7
F 8	7 22 3	21°29'45	27°40	27° 3	0♑33	3°28	3°13	0°47	7°13	9°17	15°30	9°26	10°28	20°17	24°49	F 8
S 9	7 25 59	22°30'42	10♑ 0	27°43	1°48	4°15	3° 5	0°48	7°17	9°16	15°29	9°23	10°25	20°24	24°53	S 9
S 10	7 29 56	23°31'38	22°32	28°28	3° 3	5° 2	2°57	0°49	7°20	9°16	15°29	9°22	10°22	20°30	24°56	S 10
M11	7 33 52	24°32'32	5♒16	29°17	4°18	5°50	2°50	0°51	7°23	9°16	15°28	9°D21	10°19	20°37	25° 0	M11
T 12	7 37 49	25°33'26	18°13	0♑ 9	5°32	6°37	2°42	0°52	7°27	9°16	15°27	9°21	10°16	20°44	25° 3	T 12
W13	7 41 46	26°34'18	1♓23	1° 5	6°47	7°25	2°34	0°54	7°30	9°16	15°26	9°22	10°13	20°51	25° 7	W13
T 14	7 45 42	27°35'09	14°46	2° 4	8° 2	8°12	2°26	0°56	7°34	9°16	15°25	9°23	10° 9	20°57	25°10	T 14
F 15	7 49 39	28°35'58	28°21	3° 5	9°17	9° 0	2°18	0°57	7°37	9°15	15°24	9°24	10° 6	21° 4	25°14	F 15
S 16	7 53 35	29°36'45	12♈ 9	4° 9	10°32	9°47	2°10	0°59	7°40	9°D15	15°23	9°25	10° 3	21°11	25°17	S 16
S 17	7 57 32	0♒37'31	26° 8	5°15	11°47	10°34	2° 2	1° 1	7°44	9°15	15°22	9°R25	10° 0	21°17	25°21	S 17
M18	8 1 28	1°38'15	10♉17	6°24	13° 2	11°22	1°54	1° 3	7°47	9°16	15°21	9°25	9°57	21°24	25°24	M18
T 19	8 5 25	2°38'58	24°34	7°34	14°17	12° 9	1°46	1° 6	7°50	9°16	15°20	9°25	9°53	21°31	25°28	T 19
W20	8 9 21	3°39'38	8♊57	8°46	15°31	12°57	1°38	1° 8	7°54	9°16	15°19	9°24	9°50	21°38	25°32	W20
T 21	8 13 18	4°40'17	23°22	10° 0	16°46	13°44	1°30	1°11	7°57	9°16	15°18	9°23	9°47	21°44	25°35	T 21
F 22	8 17 15	5°40'55	7♋44	11°16	18° 1	14°31	1°23	1°13	8° 0	9°16	15°17	9°23	9°44	21°51	25°39	F 22
S 23	8 21 11	6°41'30	21°58	12°33	19°16	15°19	1°15	1°16	8° 4	9°16	15°15	9°23	9°41	21°58	25°43	S 23
S 24	8 25 8	7°42'04	6♌ 0	13°52	20°31	16° 6	1° 7	1°19	8° 7	9°17	15°14	9°D23	9°38	22° 4	25°46	S 24
M25	8 29 4	8°42'37	19°45	15°12	21°45	16°53	0°59	1°22	8°10	9°17	15°13	9°23	9°34	22°11	25°50	M25
T 26	8 33 1	9°43'08	3♍12	16°33	23° 0	17°41	0°51	1°25	8°13	9°17	15°12	9°R23	9°31	22°18	25°54	T 26
W27	8 36 57	10°43'37	16°18	17°56	24°15	18°28	0°43	1°28	8°16	9°18	15°10	9°23	9°28	22°25	25°58	W27
T 28	8 40 54	11°44'04	29° 4	19°20	25°30	19°15	0°36	1°31	8°19	9°18	15° 9	9°22	9°25	22°31	26° 1	T 28
F 29	8 44 50	12°44'31	11♎32	20°45	26°45	20° 2	0°28	1°34	8°22	9°18	15° 8	9°22	9°22	22°38	26° 5	F 29
S 30	8 48 47	13°44'55	23°45	22°11	27°59	20°50	0°20	1°38	8°26	9°19	15° 7	9°22	9°19	22°45	26° 9	S 30
S 31	8 52 44	14♒45'19	5♏46	23♑38	29♑14	21♒37	0♌13	1♉41	8♑29	9♉19	15♍ 5	9♌21	9♌15	22♏51	26♒13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s49	2n23	4n15	20s24	3n 6	22s56	0n25	21s48	1s 6	20n15	0n54	9n33	2s24	23s47	0s21	12n56	1s52	20n53	16n32	17n57	17n38	12s50	8s19	5n27	F 1
S 2	22 42	1s52	4 48	20 32	2 58	23 3	0 22	21 38	1 6	20 17	0 54	9 33	2 24	23 46	0 21	12 56	1 52	20 54	16 33	17 57	17 39	12 51	8 19	5 27	S 2
S 3	22 35	6 0	5 8	20 41	2 50	23 9	0 19	21 28	1 6	20 19	0 55	9 34	2 23	23 46	0 21	12 56	1 52	20 54	16 34	17 57	17 40	12 53	8 18	5 26	S 3
M 4	22 27	9 52	5 14	20 50	2 41	23 15	0 17	21 18	1 6	20 20	0 55	9 34	2 23	23 46	0 21	12 56	1 52	20 55	16 34	17 58	17 40	12 55	8 17	5 26	M 4
T 5	22 19	13 20	5 8	21 1	2 31	23 20	0 14	21 8	1 6	20 22	0 55	9 35	2 23	23 46	0 21	12 55	1 52	20 56	16 35	17 58	17 41	12 57	8 16	5 26	T 5
W 6	22 11	16 18	4 48	21 12	2 21	23 24	0 12	20 57	1 6	20 24	0 55	9 35	2 22	23 46	0 21	12 55	1 52	20 57	16 35	17 59	17 42	12 59	8 15	5 26	W 6
T 7	22 2	18 35	4 15	21 23	2 11	23 27	0 9	20 46	1 6	20 26	0 55	9 36	2 22	23 46	0 21	12 55	1 51	20 57	16 36	18 0	17 43	13 1	8 14	5 26	T 7
F 8	21 52	20 5	3 30	21 34	2 0	23 30	0 6	20 35	1 6	20 28	0 56	9 37	2 22	23 45	0 21	12 55	1 51	20 58	16 36	18 1	17 44	13 3	8 13	5 25	F 8
S 9	21 42	20 39	2 35	21 45	1 50	23 32	0 4	20 24	1 6	20 30	0 56	9 37	2 22	23 45	0 21	12 55	1 51	20 59	16 37	18 1	17 45	13 5	8 12	5 25	S 9
S 10	21 32	20 12	1 32	21 56	1 39	23 33	0 1	20 12	1 6	20 32	0 56	9 38	2 21	23 45	0 21	12 55	1 51	21 0	16 37	18 2	17 46	13 7	8 11	5 25	S 10
M11	21 21	18 43	0 23	22 7	1 29	23 33	0s 2	20 0	1 6	20 34	0 56	9 39	2 21	23 45	0 21	12 55	1 51	21 0	16 37	18 2	17 47	13 9	8 11	5 25	M11
T 12	21 10	16 15	0s49	22 18	1 18	23 33	0 4	19 48	1 6	20 36	0 56	9 40	2 21	23 45	0 21	12 55	1 51	21 1	16 38	18 2	17 47	13 10	8 10	5 25	T 12
W13	20 59	12 54	1 59	22 28	1 8	23 32	0 7	19 36	1 6	20 38	0 56	9 40	2 20	23 45	0 21	12 55	1 51	21 2	16 38	18 2	17 48	13 12	8 9	5 24	W13
T 14	20 47	8 52	3 4	22 37	0 58	23 31	0 9	19 24	1 6	20 40	0 56	9 41	2 20	23 44	0 21	12 55	1 51	21 3	16 39	18 2	17 49	13 14	8 8	5 24	T 14
F 15	20 35	4 19	3 59	22 46	0 48	23 28	0 12	19 11	1 5	20 42	0 57	9 42	2 20	23 44	0 21	12 55	1 51	21 4	16 39	18 1	17 50	13 16	8 7	5 24	F 15
S 16	20 22	0n31	4 42	22 54	0 38	23 25	0 14	18 58	1 5	20 44	0 57	9 43	2 19	23 44	0 21	12 56	1 51	21 4	16 40	18 1	17 51	13 18	8 6	5 24	S 16
S 17	20 9	5 22	5 8	23 1	0 29	23 21	0 17	18 45	1 5	20 46	0 57	9 44	2 19	23 44	0 21	12 56	1 51	21 5	16 40	18 1	17 52	13 20	8 5	5 24	S 17
M18	19 56	9 59	5 17	23 8	0 19	23 17	0 19	18 32	1 5	20 48	0 57	9 45	2 19	23 44	0 21	12 56	1 51	21 6	16 41	18 1	17 53	13 22	8 3	5 24	M18
T 19	19 42	14 6	5 6	23 13	0 10	23 12	0 22	18 18	1 5	20 50	0 57	9 46	2 19	23 43	0 21	12 56	1 51	21 7	16 41	18 1	17 53	13 24	8 2	5 23	T 19
W20	19 28	17 24	4 36	23 18	0 1	23 6	0 24	18 5	1 5	20 51	0 57	9 47	2 18	23 43	0 21	12 56	1 51	21 8	16 41	18 1	17 54	13 26	8 1	5 23	W20
T 21	19 13	19 38	3 48	23 21	0s 8	22 59	0 27	17 51	1 5	20 53	0 57	9 48	2 18	23 43	0 21	12 56	1 51	21 8	16 42	18 1	17 55	13 27	8 0	5 23	T 21
F 22	18 59	20 36	2 47	23 23	0 16	22 52	0 29	17 37	1 4	20 55	0 57	9 50	2 18	23 43	0 21	12 56	1 50	21 9	16 42	18 2	17 56	13 29	7 59	5 23	F 22
S 23	18 44	20 14	1 35	23 25	0 25	22 43	0 31	17 23	1 4	20 57	0 57	9 51	2 17	23 43	0 22	12 56	1 50	21 10	16 43	18 2	17 57	13 31	7 58	5 23	S 23
S 24	18 28	18 36	0 19	23 25	0 33	22 35	0 34	17 8	1 4	20 59	0 58	9 52	2 17	23 43	0 22	12 56	1 50	21 11	16 43	18 2	17 58	13 33	7 57	5 23	S 24
M25	18 12	15 54	0n57	23 24	0 40	22 25	0 36	16 54	1 4	21 1	0 58	9 53	2 17	23 42	0 22	12 57	1 50	21 12	16 43	18 2	17 59	13 35	7 56	5 23	M25
T 26	17 56	12 24	2 8	23 21	0 48	22 15	0 38	16 39	1 4	21 2	0 58	9 55	2 16	23 42	0 22	12 57	1 50	21 13	16 44	18 2	17 59	13 37	7 55	5 23	T 26
W27	17 40	8 22	3 11	23 18	0 55	22 4	0 40	16 24	1 4	21 4	0 58	9 56	2 16	23 42	0 22	12 57	1 50	21 13	16 44	18 2	18 0	13 39	7 54	5 22	W27
T 28	17 23	4 4	4 2	23 13	1 2	21 53	0 43	16 9	1 3	21 6	0 58	9 57	2 16	23 42	0 22	12 57	1 50	21 14	16 45	18 2	18 1	13 41	7 52	5 22	T 28
F 29	17 6	0s17	4 41	23 7	1 8	21 41	0 45	15 54	1 3	21 8	0 58	9 59	2 16	23 42	0 22	12 57	1 50	21 15	16 45	18 2	18 2	13 43	7 51	5 22	F 29
S 30	16 49	4 33	5 5	22 59	1 15	21 28	0 47	15 38	1 3	21 9	0 58	10 0	2 15	23 41	0 22	12 57	1 50	21 16	16 45	18 2	18 3	13 44	7 50	5 22	S 30
S 31	16s31	8s33	5n16	22s50	1s21	21s15	0s49	15s23	1s 3	21n11	0n58	10n 2	2s15	23s41	0s22	12n58	1s50	21n17	16n46	18n 2	18n 4	13s46	7s49	5n22	S 31

Julian Day Number = 1989151.5, Delta T = 55m44s
Ecliptic obliquity = 23°36'04, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'19, Lahiri = 6°13'19 Julian Calendar 1 Jan. 734 == Greg. Calendar 5 Jan. 734

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ASTRODIENST EPHEMERIS for the year 734
geocentric

FEBRUARY 734 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 56 40	15♒45'40	17♏40	25♑ 6	0♒29	22♒24	0°R 5	1♉45	8♑32	9♉20	15°R 4	9°D21	9♌12	22♏58	26♒17	M 1
T 2	9 0 37	16°46'01	29°33	26°36	1°44	23°11	29♋58	1°48	8°35	9°21	15♍ 2	9♌21	9° 9	23° 5	26°20	T 2
W 3	9 4 33	17°46'20	11♐27	28° 7	2°58	23°58	29°51	1°52	8°38	9°21	15° 1	9°22	9° 6	23°12	26°24	W 3
T 4	9 8 30	18°46'37	23°29	29°38	4°13	24°46	29°44	1°56	8°40	9°22	15° 0	9°23	9° 3	23°18	26°28	T 4
F 5	9 12 26	19°46'53	5♑42	1♒11	5°28	25°33	29°36	2° 0	8°43	9°22	14°58	9°24	8°59	23°25	26°32	F 5
S 6	9 16 23	20°47'07	18° 9	2°45	6°43	26°20	29°29	2° 4	8°46	9°23	14°57	9°25	8°56	23°32	26°36	S 6
S 7	9 20 19	21°47'19	0♒53	4°19	7°57	27° 7	29°23	2° 8	8°49	9°24	14°55	9°26	8°53	23°39	26°40	S 7
M 8	9 24 16	22°47'30	13°54	5°55	9°12	27°54	29°16	2°12	8°52	9°25	14°54	9°R26	8°50	23°45	26°44	M 8
T 9	9 28 13	23°47'38	27°14	7°32	10°27	28°41	29° 9	2°17	8°55	9°25	14°52	9°25	8°47	23°52	26°47	T 9
W10	9 32 9	24°47'45	10♓51	9°10	11°42	29°28	29° 2	2°21	8°57	9°26	14°51	9°24	8°44	23°59	26°51	W10
T 11	9 36 6	25°47'50	24°41	10°49	12°56	0♓15	28°56	2°26	9° 0	9°27	14°49	9°22	8°40	24° 5	26°55	T 11
F 12	9 40 2	26°47'52	8♈43	12°29	14°11	1° 2	28°50	2°30	9° 3	9°28	14°48	9°19	8°37	24°12	26°59	F 12
S 13	9 43 59	27°47'53	22°53	14°11	15°26	1°49	28°44	2°35	9° 5	9°29	14°46	9°17	8°34	24°19	27° 3	S 13
S 14	9 47 55	28°47'51	7♉ 6	15°53	16°40	2°36	28°37	2°40	9° 8	9°30	14°45	9°15	8°31	24°26	27° 7	S 14
M15	9 51 52	29°47'47	21°20	17°36	17°55	3°22	28°32	2°45	9°11	9°31	14°43	9°14	8°28	24°32	27°11	M15
T 16	9 55 48	0♓47'40	5♊31	19°21	19°10	4° 9	28°26	2°50	9°13	9°32	14°41	9°D14	8°24	24°39	27°14	T 16
W17	9 59 45	1°47'32	19°39	21° 7	20°24	4°56	28°20	2°55	9°16	9°33	14°40	9°14	8°21	24°46	27°18	W17
T 18	10 3 42	2°47'21	3♋40	22°54	21°39	5°43	28°15	3° 0	9°18	9°34	14°38	9°16	8°18	24°52	27°22	T 18
F 19	10 7 38	3°47'08	17°34	24°42	22°53	6°30	28° 9	3° 5	9°21	9°35	14°37	9°17	8°15	24°59	27°26	F 19
S 20	10 11 35	4°46'52	1♌19	26°31	24° 8	7°16	28° 4	3°10	9°23	9°36	14°35	9°18	8°12	25° 6	27°30	S 20
S 21	10 15 31	5°46'34	14°54	28°22	25°23	8° 3	27°59	3°15	9°25	9°38	14°33	9°R18	8° 9	25°13	27°34	S 21
M22	10 19 28	6°46'14	28°16	0♓13	26°37	8°50	27°54	3°21	9°28	9°39	14°32	9°17	8° 5	25°19	27°37	M22
T 23	10 23 24	7°45'52	11♍24	2° 6	27°52	9°36	27°50	3°26	9°30	9°40	14°30	9°15	8° 2	25°26	27°41	T 23
W24	10 27 21	8°45'28	24°18	4° 0	29° 6	10°23	27°45	3°32	9°32	9°41	14°28	9°10	7°59	25°33	27°45	W24
T 25	10 31 17	9°45'02	6♎57	5°55	0♓21	11° 9	27°41	3°37	9°34	9°43	14°27	9° 5	7°56	25°39	27°49	T 25
F 26	10 35 14	10°44'33	19°22	7°51	1°35	11°56	27°36	3°43	9°36	9°44	14°25	9° 0	7°53	25°46	27°53	F 26
S 27	10 39 10	11°44'03	1♏34	9°49	2°50	12°42	27°32	3°49	9°39	9°45	14°24	8°55	7°50	25°53	27°56	S 27
S 28	10 43 7	12♓43'31	13♏36	11♓47	4♓ 4	13♓29	27♋28	3♉55	9♑41	9♉47	14♍22	8♌50	7♌46	26♏ 0	28♒ 0	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s13	12s12	5n14	22s40	1s26	21s 1	0s51	15s 7	1s 2	21n13	0n58	10n 3	2s15	23s41	0s22	12n58	1s50	21n18	16n46	18n 2	18n 4	13s48	7s48	5n22
T 2	15 55	15 21	4 58	22 29	1 32	20 46	0 53	14 52	1 2	21 14	0 58	10 5	2 14	23 41	0 22	12 58	1 50	21 18	16 46	18 2	18 5	13 50	7 47	5 22
W 3	15 37	17 52	4 29	22 15	1 37	20 31	0 55	14 36	1 2	21 16	0 58	10 6	2 14	23 41	0 22	12 58	1 50	21 19	16 47	18 2	18 6	13 52	7 45	5 22
T 4	15 18	19 39	3 48	22 1	1 41	20 15	0 57	14 20	1 2	21 18	0 58	10 8	2 14	23 41	0 22	12 59	1 50	21 20	16 47	18 2	18 7	13 54	7 44	5 22
F 5	14 59	20 33	2 56	21 45	1 46	19 58	0 58	14 3	1 1	21 19	0 58	10 10	2 14	23 40	0 22	12 59	1 50	21 21	16 47	18 1	18 8	13 56	7 43	5 22
S 6	14 40	20 28	1 55	21 27	1 50	19 41	1 0	13 47	1 1	21 21	0 58	10 11	2 13	23 40	0 22	12 59	1 49	21 22	16 47	18 1	18 9	13 57	7 42	5 21
S 7	14 20	19 20	0 47	21 8	1 53	19 24	1 2	13 31	1 1	21 22	0 58	10 13	2 13	23 40	0 22	13 0	1 49	21 23	16 48	18 1	18 10	13 59	7 40	5 21
M 8	14 1	17 10	0s25	20 48	1 57	19 6	1 3	13 14	1 1	21 24	0 58	10 15	2 13	23 40	0 22	13 0	1 49	21 23	16 48	18 1	18 10	14 1	7 39	5 21
T 9	13 41	14 2	1 37	20 26	1 59	18 47	1 5	12 57	1 0	21 25	0 58	10 16	2 13	23 40	0 22	13 0	1 49	21 24	16 48	18 1	18 11	14 3	7 38	5 21
W10	13 21	10 5	2 45	20 2	2 2	18 28	1 7	12 40	1 0	21 27	0 58	10 18	2 12	23 40	0 22	13 1	1 49	21 25	16 48	18 1	18 12	14 5	7 37	5 21
T 11	13 0	5 33	3 45	19 37	2 4	18 8	1 8	12 23	1 0	21 28	0 58	10 20	2 12	23 39	0 22	13 1	1 49	21 26	16 49	18 2	18 13	14 7	7 35	5 21
F 12	12 40	0 40	4 32	19 11	2 6	17 48	1 10	12 6	0 59	21 29	0 58	10 22	2 12	23 39	0 22	13 1	1 49	21 27	16 49	18 3	18 14	14 9	7 34	5 21
S 13	12 19	4n17	5 2	18 43	2 7	17 27	1 11	11 49	0 59	21 31	0 59	10 24	2 12	23 39	0 22	13 2	1 49	21 28	16 49	18 3	18 15	14 10	7 33	5 21
S 14	11 58	9 1	5 15	18 13	2 8	17 6	1 12	11 32	0 59	21 32	0 59	10 25	2 11	23 39	0 22	13 2	1 49	21 28	16 49	18 4	18 15	14 12	7 32	5 21
M15	11 37	13 15	5 8	17 42	2 8	16 44	1 14	11 15	0 59	21 33	0 59	10 27	2 11	23 39	0 22	13 2	1 49	21 29	16 50	18 4	18 16	14 14	7 30	5 21
T 16	11 16	16 44	4 43	17 9	2 8	16 22	1 15	10 57	0 58	21 34	0 59	10 29	2 11	23 39	0 22	13 3	1 49	21 30	16 50	18 4	18 17	14 16	7 29	5 21
W17	10 55	19 12	4 0	16 34	2 8	15 59	1 16	10 40	0 58	21 35	0 59	10 31	2 11	23 38	0 22	13 3	1 49	21 31	16 50	18 4	18 18	14 18	7 28	5 21
T 18	10 33	20 29	3 4	15 58	2 7	15 36	1 17	10 22	0 58	21 36	0 59	10 33	2 10	23 38	0 22	13 3	1 49	21 32	16 50	18 3	18 19	14 20	7 26	5 21
F 19	10 11	20 31	1 57	15 21	2 6	15 12	1 18	10 4	0 57	21 38	0 59	10 35	2 10	23 38	0 22	13 4	1 49	21 32	16 50	18 3	18 20	14 21	7 25	5 21
S 20	9 49	19 17	0 44	14 42	2 4	14 49	1 19	9 47	0 57	21 39	0 58	10 37	2 10	23 38	0 22	13 4	1 49	21 33	16 50	18 3	18 20	14 23	7 24	5 21
S 21	9 27	16 58	0n31	14 1	2 1	14 24	1 20	9 29	0 56	21 40	0 58	10 39	2 10	23 38	0 22	13 5	1 49	21 34	16 51	18 3	18 21	14 25	7 23	5 21
M22	9 5	13 45	1 42	13 19	1 58	13 59	1 21	9 11	0 56	21 41	0 58	10 41	2 9	23 38	0 22	13 5	1 48	21 35	16 51	18 3	18 22	14 27	7 21	5 21
T 23	8 43	9 54	2 47	12 35	1 55	13 34	1 22	8 53	0 56	21 41	0 58	10 43	2 9	23 38	0 22	13 6	1 48	21 35	16 51	18 4	18 23	14 29	7 20	5 21
W24	8 20	5 40	3 42	11 50	1 51	13 9	1 22	8 35	0 55	21 42	0 58	10 45	2 9	23 37	0 22	13 6	1 48	21 36	16 51	18 5	18 24	14 31	7 19	5 21
T 25	7 58	1 16	4 24	11 3	1 46	12 43	1 23	8 17	0 55	21 43	0 58	10 48	2 9	23 37	0 22	13 7	1 48	21 37	16 51	18 6	18 25	14 32	7 17	5 21
F 26	7 35	3s 6	4 54	10 15	1 41	12 17	1 24	7 59	0 55	21 44	0 58	10 50	2 8	23 37	0 22	13 7	1 48	21 38	16 51	18 8	18 25	14 34	7 16	5 21
S 27	7 13	7 16	5 9	9 25	1 36	11 51	1 24	7 40	0 54	21 45	0 58	10 52	2 8	23 37	0 22	13 7	1 48	21 38	16 51	18 9	18 26	14 36	7 15	5 21
S 28	6s50	11s 5	5n11	8s34	1s30	11s24	1s25	7s22	0s54	21n46	0n58	10n54	2s 8	23s37	0s22	13n 8	1s48	21n39	16n51	18n10	18n27	14s38	7s13	5n21

Julian Day Number = 1989182.5, Delta T = 55m43s
Ecliptic obliquity = 23°36'04, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'23, Lahiri = 6°13'24 Julian Calendar 1 Feb. 734 == Greg. Calendar 5 Feb. 734

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ASTRODIENST EPHEMERIS for the year 734
geocentric

MARCH 734 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 47 4	13♓42'58	25♏31	13♓47	5♓19	14♓15	27°R25	4♉ 1	9♑43	9♉48	14°R20	8°R47	7♌43	26♏ 6	28♒ 4	M 1
T 2	10 51 0	14°42'22	7♐23	15°47	6°33	15° 1	27♋21	4° 7	9°45	9°50	14♍19	8♌45	7°40	26°13	28° 8	T 2
W 3	10 54 57	15°41'44	19°16	17°48	7°48	15°48	27°18	4°13	9°47	9°51	14°17	8°D45	7°37	26°20	28°11	W 3
T 4	10 58 53	16°41'05	1♑17	19°50	9° 2	16°34	27°15	4°19	9°48	9°52	14°15	8°46	7°34	26°26	28°15	T 4
F 5	11 2 50	17°40'24	13°30	21°52	10°17	17°20	27°12	4°25	9°50	9°54	14°14	8°47	7°30	26°33	28°19	F 5
S 6	11 6 46	18°39'41	25°59	23°55	11°31	18° 6	27° 9	4°31	9°52	9°56	14°12	8°49	7°27	26°40	28°23	S 6
S 7	11 10 43	19°38'56	8♒48	25°57	12°46	18°52	27° 6	4°37	9°54	9°57	14°10	8°R49	7°24	26°47	28°26	S 7
M 8	11 14 39	20°38'09	22° 0	28° 0	14° 0	19°38	27° 4	4°44	9°56	9°59	14° 9	8°49	7°21	26°53	28°30	M 8
T 9	11 18 36	21°37'21	5♓36	0♈ 2	15°14	20°25	27° 2	4°50	9°57	10° 0	14° 7	8°46	7°18	27° 0	28°33	T 9
W10	11 22 33	22°36'30	19°35	2° 3	16°29	21°11	27° 0	4°56	9°59	10° 2	14° 5	8°41	7°15	27° 7	28°37	W10
T 11	11 26 29	23°35'37	3♈52	4° 4	17°43	21°57	26°58	5° 3	10° 0	10° 4	14° 4	8°35	7°11	27°13	28°41	T 11
F 12	11 30 26	24°34'42	18°23	6° 2	18°57	22°43	26°56	5° 9	10° 2	10° 5	14° 2	8°27	7° 8	27°20	28°44	F 12
S 13	11 34 22	25°33'44	3♉ 1	7°59	20°12	23°28	26°55	5°16	10° 4	10° 7	14° 1	8°20	7° 5	27°27	28°48	S 13
S 14	11 38 19	26°32'45	17°38	9°54	21°26	24°14	26°53	5°23	10° 5	10° 9	13°59	8°14	7° 2	27°34	28°51	S 14
M15	11 42 15	27°31'43	2♊ 8	11°46	22°40	25° 0	26°52	5°29	10° 6	10°10	13°57	8° 9	6°59	27°40	28°55	M15
T 16	11 46 12	28°30'39	16°27	13°36	23°55	25°46	26°51	5°36	10° 8	10°12	13°56	8° 7	6°55	27°47	28°58	T 16
W17	11 50 8	29°29'32	0♋33	15°22	25° 9	26°32	26°51	5°43	10° 9	10°14	13°54	8°D 6	6°52	27°54	29° 2	W17
T 18	11 54 5	0♈28'23	14°24	17° 4	26°23	27°17	26°50	5°50	10°10	10°16	13°53	8° 7	6°49	28° 0	29° 5	T 18
F 19	11 58 2	1°27'12	28° 0	18°42	27°38	28° 3	26°50	5°57	10°11	10°18	13°51	8° 8	6°46	28° 7	29° 8	F 19
S 20	12 1 58	2°25'58	11♌23	20°17	28°52	28°48	26°D50	6° 4	10°13	10°19	13°50	8°R 8	6°43	28°14	29°12	S 20
S 21	12 5 55	3°24'42	24°33	21°46	0♈ 6	29°34	26°50	6°11	10°14	10°21	13°48	8° 7	6°40	28°21	29°15	S 21
M22	12 9 51	4°23'24	7♍32	23°11	1°20	0♈19	26°50	6°18	10°15	10°23	13°47	8° 3	6°36	28°27	29°19	M22
T 23	12 13 48	5°22'03	20°20	24°31	2°34	1° 5	26°50	6°25	10°16	10°25	13°45	7°57	6°33	28°34	29°22	T 23
W24	12 17 44	6°20'41	2♎56	25°46	3°49	1°50	26°51	6°32	10°17	10°27	13°44	7°48	6°30	28°41	29°25	W24
T 25	12 21 41	7°19'16	15°23	26°56	5° 3	2°36	26°51	6°39	10°18	10°29	13°42	7°38	6°27	28°47	29°28	T 25
F 26	12 25 37	8°17'50	27°38	28° 0	6°17	3°21	26°52	6°46	10°18	10°31	13°41	7°27	6°24	28°54	29°31	F 26
S 27	12 29 34	9°16'21	9♏45	28°59	7°31	4° 6	26°54	6°53	10°19	10°33	13°39	7°15	6°21	29° 1	29°35	S 27
S 28	12 33 30	10°14'51	21°44	29°52	8°45	4°51	26°55	7° 1	10°20	10°35	13°38	7° 5	6°17	29° 8	29°38	S 28
M29	12 37 27	11°13'19	3♐37	0♉40	9°59	5°36	26°56	7° 8	10°21	10°37	13°36	6°57	6°14	29°14	29°41	M29
T 30	12 41 24	12°11'45	15°27	1°22	11°13	6°22	26°58	7°15	10°21	10°39	13°35	6°51	6°11	29°21	29°44	T 30
W31	12 45 20	13♈10'10	27♐20	1♉58	12♈28	7♈ 7	27♋ 0	7♉23	10♑22	10♉41	13♍33	6♌48	6♌ 8	29♏28	29♒47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s27	14s26	4n59	7s42	1s23	10s57	1s25	7s 4	0s53	21n46	0n58	10n56	2s 8	23s37	0s22	13n 8	1s48	21n40	16n51	18n11	18n28	14s40	7s12	5n21
T 2	6 4	17 11	4 34	6 48	1 16	10 29	1 25	6 45	0 53	21 47	0 58	10 58	2 8	23 37	0 22	13 9	1 48	21 40	16 51	18 12	18 29	14 42	7 11	5 21
W 3	5 41	19 13	3 57	5 53	1 8	10 2	1 26	6 27	0 53	21 48	0 58	11 1	2 7	23 37	0 22	13 9	1 48	21 41	16 51	18 12	18 29	14 43	7 9	5 21
T 4	5 17	20 26	3 10	4 58	0 59	9 34	1 26	6 8	0 52	21 48	0 58	11 3	2 7	23 36	0 22	13 10	1 48	21 42	16 51	18 12	18 30	14 45	7 8	5 21
F 5	4 54	20 42	2 13	4 1	0 50	9 6	1 26	5 50	0 52	21 49	0 58	11 5	2 7	23 36	0 22	13 11	1 48	21 42	16 51	18 11	18 31	14 47	7 7	5 21
S 6	4 31	19 58	1 9	3 4	0 41	8 37	1 26	5 31	0 51	21 49	0 58	11 7	2 7	23 36	0 22	13 11	1 48	21 43	16 51	18 11	18 32	14 49	7 5	5 22
S 7	4 8	18 11	0 0	2 6	0 31	8 9	1 26	5 13	0 51	21 50	0 58	11 10	2 7	23 36	0 22	13 12	1 48	21 44	16 51	18 11	18 33	14 51	7 4	5 22
M 8	3 44	15 23	1s11	1 7	0 21	7 40	1 26	4 54	0 51	21 50	0 58	11 12	2 6	23 36	0 22	13 12	1 48	21 44	16 51	18 11	18 34	14 52	7 3	5 22
T 9	3 21	11 41	2 20	0 9	0 10	7 11	1 26	4 36	0 50	21 50	0 58	11 14	2 6	23 36	0 22	13 13	1 48	21 45	16 51	18 11	18 34	14 54	7 1	5 22
W10	2 57	7 15	3 22	0n50	0n 1	6 41	1 26	4 17	0 50	21 51	0 58	11 17	2 6	23 36	0 22	13 13	1 48	21 46	16 51	18 13	18 35	14 56	7 0	5 22
T 11	2 34	2 19	4 13	1 49	0 12	6 12	1 26	3 58	0 49	21 51	0 58	11 19	2 6	23 36	0 23	13 14	1 48	21 46	16 51	18 14	18 36	14 58	6 59	5 22
F 12	2 10	2n48	4 49	2 47	0 24	5 42	1 25	3 40	0 49	21 51	0 58	11 21	2 6	23 36	0 23	13 14	1 48	21 47	16 51	18 16	18 37	15 0	6 58	5 22
S 13	1 47	7 48	5 6	3 44	0 35	5 13	1 25	3 21	0 48	21 52	0 58	11 24	2 5	23 36	0 23	13 15	1 47	21 47	16 51	18 18	18 38	15 1	6 56	5 22
S 14	1 23	12 21	5 3	4 40	0 47	4 43	1 25	3 2	0 48	21 52	0 58	11 26	2 5	23 35	0 23	13 16	1 47	21 48	16 51	18 20	18 38	15 3	6 55	5 22
M15	0 59	16 8	4 41	5 35	0 59	4 13	1 24	2 43	0 47	21 52	0 57	11 29	2 5	23 35	0 23	13 16	1 47	21 49	16 51	18 21	18 39	15 5	6 54	5 22
T 16	0 36	18 54	4 2	6 29	1 11	3 43	1 24	2 25	0 47	21 52	0 57	11 31	2 5	23 35	0 23	13 17	1 47	21 49	16 51	18 22	18 40	15 7	6 52	5 22
W17	0 12	20 28	3 8	7 21	1 22	3 13	1 23	2 6	0 46	21 52	0 57	11 33	2 5	23 35	0 23	13 17	1 47	21 50	16 51	18 22	18 41	15 8	6 51	5 23
T 18	0n11	20 46	2 4	8 11	1 33	2 42	1 22	1 47	0 46	21 52	0 57	11 36	2 5	23 35	0 23	13 18	1 47	21 50	16 51	18 22	18 42	15 10	6 50	5 23
F 19	0 35	19 49	0 54	8 59	1 44	2 12	1 22	1 29	0 46	21 52	0 57	11 38	2 4	23 35	0 23	13 19	1 47	21 51	16 51	18 21	18 42	15 12	6 48	5 23
S 20	0 58	17 46	0n17	9 44	1 55	1 41	1 21	1 10	0 45	21 52	0 57	11 41	2 4	23 35	0 23	13 19	1 47	21 51	16 51	18 21	18 43	15 14	6 47	5 23
S 21	1 22	14 47	1 27	10 28	2 4	1 11	1 20	0 51	0 45	21 52	0 57	11 43	2 4	23 35	0 23	13 20	1 47	21 52	16 50	18 22	18 44	15 16	6 46	5 23
M22	1 45	11 8	2 31	11 8	2 14	0 40	1 19	0 33	0 44	21 52	0 57	11 46	2 4	23 35	0 23	13 20	1 47	21 52	16 50	18 23	18 45	15 17	6 45	5 23
T 23	2 9	7 0	3 26	11 46	2 22	0 10	1 18	0 14	0 44	21 52	0 57	11 48	2 4	23 35	0 23	13 21	1 47	21 53	16 50	18 24	18 46	15 19	6 43	5 23
W24	2 32	2 38	4 10	12 21	2 30	0n21	1 17	0n 5	0 43	21 52	0 57	11 51	2 4	23 35	0 23	13 22	1 47	21 53	16 50	18 26	18 46	15 21	6 42	5 23
T 25	2 55	1s46	4 41	12 54	2 37	0 51	1 16	0 23	0 43	21 51	0 57	11 53	2 4	23 35	0 23	13 22	1 47	21 54	16 50	18 29	18 47	15 23	6 41	5 24
F 26	3 19	6 3	4 59	13 23	2 44	1 22	1 15	0 42	0 42	21 51	0 57	11 56	2 3	23 35	0 23	13 23	1 47	21 54	16 50	18 32	18 48	15 24	6 40	5 24
S 27	3 42	10 2	5 3	13 49	2 49	1 52	1 14	1 0	0 42	21 51	0 57	11 58	2 3	23 35	0 23	13 24	1 47	21 54	16 49	18 35	18 49	15 26	6 38	5 24
S 28	4 5	13 35	4 54	14 12	2 53	2 23	1 13	1 19	0 41	21 50	0 57	12 1	2 3	23 35	0 23	13 24	1 47	21 55	16 49	18 38	18 50	15 28	6 37	5 24
M29	4 28	16 34	4 32	14 32	2 57	2 53	1 11	1 37	0 41	21 50	0 56	12 3	2 3	23 35	0 23	13 25	1 47	21 55	16 49	18 40	18 50	15 30	6 36	5 24
T 30	4 51	18 52	3 58	14 49	2 59	3 24	1 10	1 56	0 40	21 50	0 56	12 6	2 3	23 35	0 23	13 26	1 47	21 55	16 49	18 41	18 51	15 32	6 35	5 24
W31	5n14	20s21	3n14	15n 3	3n 0	3n54	1s 9	2n14	0s39	21n49	0n56	12n 8	2s 3	23s35	0s23	13n26	1s47	21n56	16n49	18n42	18n52	15s33	6s33	5n25

Julian Day Number = 1989210.5, Delta T = 55m42s
Ecliptic obliquity = 23°36'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'27, Lahiri = 6°13'27 Julian Calendar 1 March 734 == Greg. Calendar 5 March 734

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 734
geocentric

APRIL 734 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 49 17	14♈ 8'33	9♉19	2♉28	13♈42	7♈52	27♋ 2	7♉30	10♉22	10♉43	13°R32	6°D46	6♌ 5	29♏34	29♒50	T 1
F 2	12 53 13	15° 6'55	21°29	2°52	14°56	8°37	27° 4	7°37	10°23	10°45	13♍31	6♌46	6° 1	29°41	29°53	F 2
S 3	12 57 10	16° 5'14	3♒55	3°11	16°10	9°22	27° 7	7°45	10°23	10°47	13°29	6°R47	5°58	29°48	29°56	S 3
S 4	13 1 6	17° 3'32	16°44	3°24	17°24	10° 6	27° 9	7°52	10°24	10°49	13°28	6°46	5°55	29°55	29°59	S 4
M 5	13 5 3	18° 1'49	29°58	3°31	18°38	10°51	27°12	8° 0	10°24	10°51	13°27	6°44	5°52	0♐ 1	0♓ 2	M 5
T 6	13 8 59	19° 0'04	13♓39	3°R32	19°52	11°36	27°15	8° 7	10°25	10°53	13°25	6°40	5°49	0° 8	0° 4	T 6
W 7	13 12 56	19°58'17	27°49	3°28	21° 6	12°21	27°18	8°15	10°25	10°55	13°24	6°33	5°46	0°15	0° 7	W 7
T 8	13 16 53	20°56'29	12♈23	3°19	22°20	13° 5	27°21	8°23	10°25	10°58	13°23	6°24	5°42	0°21	0°10	T 8
F 9	13 20 49	21°54'38	27°15	3° 5	23°34	13°50	27°25	8°30	10°25	11° 0	13°22	6°13	5°39	0°28	0°13	F 9
S 10	13 24 46	22°52'46	12♉17	2°47	24°48	14°34	27°28	8°38	10°25	11° 2	13°21	6° 2	5°36	0°35	0°15	S 10
S 11	13 28 42	23°50'53	27°18	2°24	26° 2	15°19	27°32	8°45	10°R25	11° 4	13°19	5°53	5°33	0°42	0°18	S 11
M12	13 32 39	24°48'57	12♊10	1°58	27°16	16° 3	27°36	8°53	10°25	11° 6	13°18	5°45	5°30	0°48	0°21	M12
T 13	13 36 35	25°47'00	26°45	1°28	28°30	16°48	27°40	9° 1	10°25	11° 8	13°17	5°40	5°27	0°55	0°23	T 13
W14	13 40 32	26°45'00	10♋59	0°56	29°44	17°32	27°45	9° 9	10°25	11°11	13°16	5°38	5°23	1° 2	0°26	W14
T 15	13 44 28	27°42'59	24°51	0°21	0♉58	18°16	27°49	9°16	10°25	11°13	13°15	5°D37	5°20	1° 8	0°28	T 15
F 16	13 48 25	28°40'55	8♌23	29♈45	2°11	19° 1	27°54	9°24	10°25	11°15	13°14	5°R37	5°17	1°15	0°30	F 16
S 17	13 52 22	29°38'50	21°35	29° 9	3°25	19°45	27°58	9°32	10°25	11°17	13°13	5°37	5°14	1°22	0°33	S 17
S 18	13 56 18	0♉36'43	4♍31	28°32	4°39	20°29	28° 3	9°39	10°24	11°19	13°12	5°34	5°11	1°28	0°35	S 18
M19	14 0 15	1°34'34	17°13	27°56	5°53	21°13	28° 8	9°47	10°24	11°22	13°11	5°29	5° 7	1°35	0°37	M19
T 20	14 4 11	2°32'23	29°43	27°21	7° 7	21°57	28°14	9°55	10°23	11°24	13°10	5°22	5° 4	1°42	0°40	T 20
W21	14 8 8	3°30'10	12♎ 4	26°47	8°21	22°41	28°19	10° 3	10°23	11°26	13° 9	5°11	5° 1	1°49	0°42	W21
T 22	14 12 4	4°27'56	24°17	26°16	9°34	23°25	28°25	10°11	10°23	11°28	13° 8	4°58	4°58	1°55	0°44	T 22
F 23	14 16 1	5°25'40	6♏23	25°48	10°48	24° 9	28°30	10°18	10°22	11°31	13° 7	4°45	4°55	2° 2	0°46	F 23
S 24	14 19 57	6°23'23	18°22	25°22	12° 2	24°53	28°36	10°26	10°21	11°33	13° 6	4°31	4°52	2° 9	0°48	S 24
S 25	14 23 54	7°21'05	0♐17	25° 1	13°16	25°36	28°42	10°34	10°21	11°35	13° 6	4°18	4°48	2°15	0°50	S 25
M26	14 27 50	8°18'45	12° 8	24°43	14°30	26°20	28°48	10°42	10°20	11°37	13° 5	4° 8	4°45	2°22	0°52	M26
T 27	14 31 47	9°16'24	23°58	24°29	15°43	27° 4	28°54	10°50	10°19	11°40	13° 4	4° 0	4°42	2°29	0°54	T 27
W28	14 35 44	10°14'02	5♑50	24°20	16°57	27°47	29° 1	10°57	10°19	11°42	13° 3	3°55	4°39	2°36	0°56	W28
T 29	14 39 40	11°11'39	17°49	24°15	18°11	28°31	29° 7	11° 5	10°18	11°44	13° 3	3°52	4°36	2°42	0°58	T 29
F 30	14 43 37	12♉ 9'15	29♑57	24°D14	19♉24	29♈14	29♋14	11♉13	10♑17	11♉46	13♍ 2	3°D52	4♌32	2♐49	0♓59	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n37	20s56	2n21	15n14	3n 0	4n24	1s 7	2n33	0s39	21n49	0n56	12n11	2s 3	23s35	0s23	13n27	1s47	21n56	16n48	18n42	18n53	15s35	6s32	5n25
F 2	6 0	20 33	1 21	15 21	2 59	4 55	1 6	2 51	0 38	21 48	0 56	12 13	2 2	23 35	0 23	13 28	1 47	21 56	16 48	18 42	18 54	15 37	6 31	5 25
S 3	6 22	19 9	0 15	15 25	2 57	5 25	1 4	3 9	0 38	21 48	0 56	12 16	2 2	23 35	0 23	13 28	1 47	21 57	16 48	18 42	18 54	15 39	6 30	5 25
S 4	6 45	16 46	0s53	15 26	2 53	5 55	1 3	3 27	0 37	21 47	0 56	12 18	2 2	23 35	0 23	13 29	1 47	21 57	16 48	18 42	18 55	15 40	6 29	5 25
M 5	7 7	13 26	2 0	15 24	2 48	6 25	1 1	3 46	0 37	21 46	0 56	12 21	2 2	23 35	0 23	13 30	1 47	21 57	16 47	18 43	18 56	15 42	6 28	5 26
T 6	7 29	9 16	3 2	15 18	2 42	6 54	0 59	4 4	0 36	21 46	0 56	12 23	2 2	23 35	0 23	13 30	1 47	21 58	16 47	18 44	18 57	15 44	6 26	5 26
W 7	7 52	4 29	3 56	15 10	2 34	7 24	0 58	4 22	0 36	21 45	0 56	12 26	2 2	23 35	0 23	13 31	1 47	21 58	16 47	18 46	18 58	15 46	6 25	5 26
T 8	8 14	0n42	4 35	14 59	2 25	7 53	0 56	4 40	0 35	21 44	0 56	12 28	2 2	23 35	0 23	13 32	1 47	21 58	16 46	18 48	18 58	15 47	6 24	5 26
F 9	8 36	5 56	4 57	14 44	2 15	8 23	0 54	4 58	0 35	21 44	0 56	12 31	2 2	23 35	0 23	13 32	1 47	21 58	16 46	18 51	18 59	15 49	6 23	5 26
S 10	8 57	10 52	4 59	14 27	2 4	8 52	0 52	5 16	0 34	21 43	0 56	12 33	2 2	23 35	0 23	13 33	1 47	21 58	16 46	18 53	19 0	15 51	6 22	5 26
S 11	9 19	15 8	4 41	14 8	1 51	9 20	0 50	5 33	0 33	21 42	0 55	12 36	2 1	23 35	0 23	13 34	1 47	21 59	16 46	18 56	19 1	15 52	6 21	5 27
M12	9 40	18 23	4 3	13 46	1 38	9 49	0 48	5 51	0 33	21 41	0 55	12 38	2 1	23 35	0 23	13 34	1 46	21 59	16 45	18 58	19 1	15 54	6 20	5 27
T 13	10 2	20 24	3 10	13 22	1 23	10 18	0 46	6 9	0 32	21 40	0 55	12 41	2 1	23 35	0 23	13 35	1 46	21 59	16 45	18 59	19 2	15 56	6 19	5 27
W14	10 23	21 3	2 6	12 56	1 8	10 46	0 44	6 26	0 32	21 39	0 55	12 44	2 1	23 35	0 23	13 36	1 46	21 59	16 45	18 59	19 3	15 58	6 17	5 27
T 15	10 44	20 22	0 57	12 29	0 52	11 14	0 42	6 44	0 31	21 38	0 55	12 46	2 1	23 35	0 23	13 37	1 46	21 59	16 44	19 0	19 4	15 59	6 16	5 28
F 16	11 5	18 32	0n15	12 1	0 35	11 41	0 40	7 1	0 31	21 37	0 55	12 49	2 1	23 35	0 24	13 37	1 46	21 59	16 44	19 0	19 5	16 1	6 15	5 28
S 17	11 25	15 43	1 23	11 32	0 18	12 9	0 38	7 19	0 30	21 36	0 55	12 51	2 1	23 35	0 24	13 38	1 46	21 59	16 44	19 0	19 5	16 3	6 14	5 28
S 18	11 46	12 11	2 26	11 3	0 1	12 36	0 36	7 36	0 29	21 35	0 55	12 54	2 1	23 35	0 24	13 39	1 46	21 59	16 43	19 0	19 6	16 4	6 13	5 28
M19	12 6	8 10	3 21	10 33	0s16	13 3	0 34	7 53	0 29	21 34	0 55	12 56	2 1	23 35	0 24	13 39	1 46	21 59	16 43	19 2	19 7	16 6	6 12	5 28
T 20	12 26	3 51	4 4	10 5	0 33	13 29	0 32	8 10	0 28	21 33	0 55	12 59	2 1	23 35	0 24	13 40	1 46	22 0	16 42	19 3	19 8	16 8	6 11	5 29
W21	12 46	0s34	4 36	9 37	0 50	13 55	0 29	8 27	0 28	21 32	0 55	13 1	2 1	23 35	0 24	13 41	1 46	22 0	16 42	19 6	19 8	16 10	6 10	5 29
T 22	13 6	4 55	4 54	9 10	1 7	14 21	0 27	8 44	0 27	21 31	0 55	13 4	2 1	23 35	0 24	13 41	1 46	22 0	16 42	19 9	19 9	16 11	6 9	5 29
F 23	13 25	9 1	4 59	8 45	1 23	14 46	0 25	9 1	0 27	21 29	0 55	13 6	2 1	23 35	0 24	13 42	1 46	22 0	16 41	19 12	19 10	16 13	6 8	5 29
S 24	13 44	12 45	4 51	8 22	1 38	15 12	0 23	9 18	0 26	21 28	0 54	13 9	2 0	23 35	0 24	13 43	1 46	22 0	16 41	19 16	19 11	16 15	6 7	5 30
S 25	14 3	15 57	4 30	8 0	1 53	15 36	0 20	9 34	0 25	21 27	0 54	13 11	2 0	23 35	0 24	13 44	1 46	21 59	16 40	19 19	19 12	16 16	6 6	5 30
M26	14 22	18 29	3 57	7 41	2 6	16 1	0 18	9 51	0 25	21 25	0 54	13 14	2 0	23 35	0 24	13 44	1 46	21 59	16 40	19 21	19 12	16 18	6 6	5 30
T 27	14 41	20 14	3 14	7 24	2 19	16 25	0 16	10 7	0 24	21 24	0 54	13 16	2 0	23 36	0 24	13 45	1 46	21 59	16 40	19 23	19 13	16 20	6 5	5 30
W28	14 59	21 6	2 22	7 9	2 31	16 48	0 13	10 24	0 24	21 23	0 54	13 19	2 0	23 36	0 24	13 46	1 46	21 59	16 39	19 24	19 14	16 22	6 4	5 31
T 29	15 17	21 1	1 24	6 57	2 42	17 11	0 11	10 40	0 23	21 21	0 54	13 21	2 0	23 36	0 24	13 46	1 46	21 59	16 39	19 25	19 15	16 23	6 3	5 31
F 30	15n35	19s58	0n21	6n48	2s52	17n34	0s 8	10n56	0s22	21n20	0n54	13n24	2s 0	23s36	0s24	13n47	1s46	21n59	16n38	19n25	19n15	16s25	6s 2	5n31

Julian Day Number = 1989241.5, Delta T = 55m42s
Ecliptic obliquity = 23°36'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'31, Lahiri = 6°13'32 Julian Calendar 1 Apr. 734 == Greg. Calendar 5 Apr. 734

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ASTRODIENST EPHEMERIS for the year 734
geocentric

MAY 734 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 47 33	13♉ 6'50	12♒22	24♈18	20♉38	29♈58	29♋21	11♉21	10°R16	11♉49	13°R 1	3°R52	4♌29	2♐56	1♓ 1	S 1
S 2	14 51 30	14° 4'24	25° 7	24°27	21°52	0♉41	29°28	11°29	10♏15	11°51	13♍ 1	3♌51	4°26	3° 2	1° 3	S 2
M 3	14 55 26	15° 1'56	8♓17	24°40	23° 6	1°24	29°35	11°37	10°14	11°53	13° 0	3°50	4°23	3° 9	1° 4	M 3
T 4	14 59 23	15°59'28	21°56	24°57	24°19	2° 8	29°42	11°44	10°13	11°55	13° 0	3°46	4°20	3°16	1° 6	T 4
W 5	15 3 19	16°56'59	6♈ 5	25°19	25°33	2°51	29°50	11°52	10°12	11°58	12°59	3°39	4°17	3°23	1° 8	W 5
T 6	15 7 16	17°54'29	20°41	25°45	26°47	3°34	29°57	12° 0	10°11	12° 0	12°59	3°31	4°13	3°29	1° 9	T 6
F 7	15 11 13	18°51'58	5♉40	26°16	28° 0	4°17	0♌ 5	12° 8	10°10	12° 2	12°58	3°20	4°10	3°36	1°10	F 7
S 8	15 15 9	19°49'26	20°53	26°50	29°14	5° 0	0°12	12°16	10° 8	12° 4	12°58	3°10	4° 7	3°43	1°12	S 8
S 9	15 19 6	20°46'54	6♊ 9	27°29	0♊28	5°43	0°20	12°23	10° 7	12° 6	12°57	3° 1	4° 4	3°49	1°13	S 9
M10	15 23 2	21°44'20	21°16	28°11	1°41	6°26	0°28	12°31	10° 6	12° 9	12°57	2°53	4° 1	3°56	1°14	M10
T 11	15 26 59	22°41'45	6♋ 7	28°58	2°55	7° 9	0°36	12°39	10° 4	12°11	12°57	2°49	3°58	4° 3	1°15	T 11
W12	15 30 55	23°39'09	20°35	29°48	4° 8	7°52	0°45	12°47	10° 3	12°13	12°56	2°46	3°54	4° 9	1°17	W12
T 13	15 34 52	24°36'31	4♌36	0♉41	5°22	8°35	0°53	12°54	10° 2	12°15	12°56	2°D46	3°51	4°16	1°18	T 13
F 14	15 38 49	25°33'53	18°12	1°38	6°36	9°18	1° 1	13° 2	10° 0	12°18	12°56	2°46	3°48	4°23	1°19	F 14
S 15	15 42 45	26°31'13	1♍24	2°39	7°49	10° 0	1°10	13°10	9°59	12°20	12°56	2°R46	3°45	4°30	1°20	S 15
S 16	15 46 42	27°28'32	14°15	3°43	9° 3	10°43	1°19	13°18	9°57	12°22	12°56	2°45	3°42	4°36	1°21	S 16
M17	15 50 38	28°25'49	26°50	4°50	10°16	11°25	1°27	13°25	9°56	12°24	12°55	2°41	3°38	4°43	1°22	M17
T 18	15 54 35	29°23'06	9♎11	6° 0	11°30	12° 8	1°36	13°33	9°54	12°26	12°55	2°36	3°35	4°50	1°22	T 18
W19	15 58 31	0♊20'22	21°21	7°14	12°43	12°50	1°45	13°40	9°52	12°28	12°55	2°27	3°32	4°56	1°23	W19
T 20	16 2 28	1°17'37	3♏24	8°31	13°57	13°33	1°54	13°48	9°51	12°31	12°55	2°17	3°29	5° 3	1°24	T 20
F 21	16 6 24	2°14'52	15°22	9°50	15°10	14°15	2° 4	13°56	9°49	12°33	12°D55	2° 6	3°26	5°10	1°24	F 21
S 22	16 10 21	3°12'05	27°16	11°13	16°24	14°57	2°13	14° 3	9°47	12°35	12°55	1°55	3°23	5°16	1°25	S 22
S 23	16 14 18	4° 9'18	9♐ 7	12°39	17°37	15°40	2°22	14°11	9°45	12°37	12°55	1°45	3°19	5°23	1°26	S 23
M24	16 18 14	5° 6'31	20°58	14° 8	18°51	16°22	2°32	14°18	9°44	12°39	12°55	1°37	3°16	5°30	1°26	M24
T 25	16 22 11	6° 3'43	2♑50	15°40	20° 4	17° 4	2°41	14°26	9°42	12°41	12°56	1°31	3°13	5°37	1°27	T 25
W26	16 26 7	7° 0'54	14°46	17°15	21°18	17°46	2°51	14°33	9°40	12°43	12°56	1°27	3°10	5°43	1°27	W26
T 27	16 30 4	7°58'05	26°49	18°53	22°31	18°28	3° 1	14°41	9°38	12°45	12°56	1°D25	3° 7	5°50	1°27	T 27
F 28	16 34 0	8°55'16	9♒ 1	20°34	23°45	19°10	3°11	14°48	9°36	12°48	12°56	1°26	3° 4	5°57	1°27	F 28
S 29	16 37 57	9°52'27	21°27	22°18	24°58	19°52	3°21	14°55	9°34	12°50	12°56	1°27	3° 0	6° 3	1°28	S 29
S 30	16 41 53	10°49'38	4♓12	24° 4	26°11	20°34	3°31	15° 3	9°32	12°52	12°57	1°27	2°57	6°10	1°28	S 30
M31	16 45 50	11♊46'48	17♓19	25♉53	27♊25	21♉15	3♌41	15♉10	9♏30	12♉54	12♍57	1°R28	2♌54	6♐17	1♓28	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15n53	17s55	0s45	6n41	3s 1	17n56	0s 6	11n12	0s22	21n18	0n54	13n26	2s 0	23s36	0s24	13n48	1s46	21n59	16n38	19n25	19n16	16s27	6s 1	5n31	S 1
S 2	16 10	14 58	1 50	6 37	3 8	18 18	0 4	11 28	0 21	21 17	0 54	13 29	2 0	23 36	0 24	13 48	1 46	21 59	16 38	19 25	19 17	16 28	6 0	5 32	S 2
M 3	16 27	11 10	2 52	6 36	3 15	18 39	0 1	11 43	0 21	21 15	0 54	13 31	2 0	23 36	0 24	13 49	1 46	21 59	16 37	19 26	19 18	16 30	6 0	5 32	M 3
T 4	16 44	6 40	3 46	6 37	3 21	19 0	0n 1	11 59	0 20	21 14	0 54	13 33	2 0	23 36	0 24	13 50	1 46	21 58	16 37	19 27	19 18	16 32	5 59	5 32	T 4
W 5	17 1	1 40	4 28	6 40	3 26	19 20	0 4	12 14	0 19	21 12	0 54	13 36	2 0	23 36	0 24	13 50	1 46	21 58	16 36	19 28	19 19	16 33	5 58	5 33	W 5
T 6	17 17	3n35	4 54	6 46	3 29	19 40	0 6	12 30	0 19	21 10	0 54	13 38	2 0	23 36	0 24	13 51	1 46	21 58	16 36	19 30	19 20	16 35	5 57	5 33	T 6
F 7	17 33	8 46	5 1	6 55	3 32	19 59	0 8	12 45	0 18	21 9	0 54	13 41	2 0	23 37	0 24	13 52	1 46	21 58	16 35	19 32	19 21	16 37	5 56	5 33	F 7
S 8	17 49	13 28	4 47	7 5	3 34	20 18	0 11	13 0	0 17	21 7	0 54	13 43	2 0	23 37	0 24	13 53	1 46	21 57	16 35	19 35	19 21	16 38	5 56	5 33	S 8
S 9	18 4	17 19	4 13	7 18	3 35	20 36	0 13	13 15	0 17	21 5	0 53	13 45	2 0	23 37	0 24	13 53	1 46	21 57	16 34	19 37	19 22	16 40	5 55	5 34	S 9
M10	18 19	19 58	3 21	7 33	3 35	20 54	0 16	13 30	0 16	21 3	0 53	13 48	2 0	23 37	0 24	13 54	1 46	21 57	16 34	19 39	19 23	16 42	5 54	5 34	M10
T 11	18 34	21 11	2 16	7 50	3 34	21 11	0 18	13 45	0 16	21 1	0 53	13 50	2 0	23 37	0 24	13 55	1 46	21 57	16 34	19 40	19 24	16 43	5 54	5 34	T 11
W12	18 49	20 57	1 4	8 9	3 33	21 27	0 20	13 59	0 15	21 0	0 53	13 53	2 0	23 37	0 24	13 55	1 46	21 56	16 33	19 40	19 24	16 45	5 53	5 34	W12
T 13	19 3	19 24	0n10	8 30	3 30	21 43	0 23	14 14	0 14	20 58	0 53	13 55	2 0	23 37	0 24	13 56	1 46	21 56	16 33	19 40	19 25	16 47	5 52	5 35	T 13
F 14	19 17	16 46	1 21	8 53	3 27	21 58	0 25	14 28	0 14	20 56	0 53	13 57	2 0	23 37	0 24	13 57	1 46	21 56	16 32	19 40	19 26	16 48	5 52	5 35	F 14
S 15	19 30	13 19	2 26	9 17	3 23	22 13	0 28	14 42	0 13	20 54	0 53	14 0	2 0	23 38	0 24	13 57	1 46	21 55	16 32	19 40	19 27	16 50	5 51	5 35	S 15
S 16	19 44	9 20	3 22	9 43	3 19	22 27	0 30	14 57	0 12	20 52	0 53	14 2	2 0	23 38	0 24	13 58	1 46	21 55	16 31	19 41	19 27	16 52	5 50	5 36	S 16
M17	19 57	5 2	4 7	10 11	3 14	22 40	0 32	15 10	0 12	20 50	0 53	14 4	2 0	23 38	0 24	13 59	1 46	21 55	16 31	19 41	19 28	16 53	5 50	5 36	M17
T 18	20 9	0 37	4 39	10 39	3 8	22 53	0 35	15 24	0 11	20 48	0 53	14 6	2 0	23 38	0 24	13 59	1 46	21 54	16 30	19 43	19 29	16 55	5 49	5 36	T 18
W19	20 22	3s47	4 58	11 10	3 1	23 5	0 37	15 38	0 10	20 46	0 53	14 9	2 0	23 38	0 24	14 0	1 46	21 54	16 30	19 45	19 30	16 56	5 49	5 36	W19
T 20	20 34	7 59	5 3	11 41	2 54	23 17	0 39	15 51	0 10	20 44	0 53	14 11	2 0	23 38	0 24	14 0	1 46	21 53	16 29	19 47	19 30	16 58	5 48	5 37	T 20
F 21	20 45	11 50	4 56	12 13	2 47	23 27	0 41	16 5	0 9	20 42	0 53	14 13	2 0	23 38	0 24	14 1	1 46	21 53	16 29	19 49	19 31	17 0	5 48	5 37	F 21
S 22	20 56	15 13	4 35	12 47	2 39	23 37	0 44	16 18	0 9	20 39	0 53	14 15	2 0	23 39	0 24	14 2	1 46	21 52	16 28	19 52	19 32	17 1	5 47	5 37	S 22
S 23	21 7	17 59	4 2	13 21	2 30	23 47	0 46	16 31	0 8	20 37	0 53	14 18	2 0	23 39	0 24	14 2	1 46	21 52	16 28	19 54	19 33	17 3	5 47	5 38	S 23
M24	21 18	19 59	3 19	13 57	2 21	23 56	0 48	16 44	0 7	20 35	0 53	14 20	2 0	23 39	0 24	14 3	1 46	21 52	16 27	19 56	19 33	17 5	5 46	5 38	M24
T 25	21 28	21 7	2 27	14 33	2 12	24 4	0 50	16 56	0 7	20 33	0 53	14 22	2 0	23 39	0 24	14 4	1 46	21 51	16 27	19 57	19 34	17 6	5 46	5 38	T 25
W26	21 38	21 19	1 28	15 9	2 2	24 11	0 52	17 9	0 6	20 30	0 53	14 24	2 0	23 39	0 24	14 4	1 47	21 51	16 26	19 58	19 35	17 8	5 46	5 38	W26
T 27	21 47	20 32	0 25	15 46	1 51	24 18	0 54	17 21	0 5	20 28	0 53	14 26	2 0	23 39	0 25	14 5	1 47	21 50	16 26	19 59	19 36	17 10	5 45	5 39	T 27
F 28	21 56	18 47	0s41	16 24	1 41	24 23	0 56	17 33	0 5	20 26	0 52	14 28	2 0	23 40	0 25	14 5	1 47	21 49	16 25	19 59	19 36	17 11	5 45	5 39	F 28
S 29	22 5	16 7	1 46	17 1	1 30	24 29	0 58	17 45	0 4	20 23	0 52	14 31	2 0	23 40	0 25	14 6	1 47	21 49	16 25	19 58	19 37	17 13	5 44	5 39	S 29
S 30	22 13	12 38	2 47	17 39	1 19	24 33	1 0	17 57	0 3	20 21	0 52	14 33	2 0	23 40	0 25	14 7	1 47	21 48	16 24	19 58	19 38	17 14	5 44	5 40	S 30
M31	22n21	8s26	3s42	18n16	1s 7	24n37	1n 2	18n 9	0s 3	20n19	0n52	14n35	2s 0	23s40	0s25	14n 7	1s47	21n48	16n24	19n58	19n39	17s16	5s44	5n40	M31

Julian Day Number = 1989271.5, Delta T = 55m41s
Ecliptic obliquity = 23°36'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'35, Lahiri = 6°13'36 Julian Calendar 1 May 734 == Greg. Calendar 5 May 734

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ASTRODIENST EPHEMERIS for the year 734
geocentric

JUNE 734 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 49 47	12♊43'59	0♈52	27♉45	28♊38	21♉57	3♌51	15♉17	9°R28	12♉56	12♍57	1°R26	2♌51	6♐23	1°R28	T 1
W 2	16 53 43	13°41'09	14°53	29°40	29°52	22°39	4° 1	15°25	9♋26	12°58	12°58	1♌23	2°48	6°30	1♓28	W 2
T 3	16 57 40	14°38'20	29°21	1♊37	1♋ 5	23°21	4°12	15°32	9°24	13° 0	12°58	1°18	2°44	6°37	1°28	T 3
F 4	17 1 36	15°35'30	14♉12	3°36	2°18	24° 2	4°22	15°39	9°22	13° 2	12°59	1°11	2°41	6°44	1°28	F 4
S 5	17 5 33	16°32'41	29°20	5°38	3°32	24°44	4°33	15°46	9°19	13° 4	12°59	1° 5	2°38	6°50	1°28	S 5
S 6	17 9 29	17°29'51	14♊34	7°41	4°45	25°25	4°44	15°53	9°17	13° 5	13° 0	0°59	2°35	6°57	1°27	S 6
M 7	17 13 26	18°27'02	29°46	9°47	5°59	26° 7	4°54	16° 0	9°15	13° 7	13° 0	0°54	2°32	7° 4	1°27	M 7
T 8	17 17 22	19°24'12	14♋43	11°53	7°12	26°48	5° 5	16° 7	9°13	13° 9	13° 1	0°51	2°29	7°10	1°27	T 8
W 9	17 21 19	20°21'22	29°20	14° 2	8°25	27°29	5°16	16°14	9°11	13°11	13° 1	0°D50	2°25	7°17	1°26	W 9
T 10	17 25 16	21°18'32	13♌31	16°11	9°39	28°11	5°27	16°21	9° 8	13°13	13° 2	0°51	2°22	7°24	1°26	T 10
F 11	17 29 12	22°15'42	27°15	18°20	10°52	28°52	5°38	16°28	9° 6	13°15	13° 3	0°52	2°19	7°30	1°25	F 11
S 12	17 33 9	23°12'51	10♍33	20°30	12° 5	29°33	5°49	16°35	9° 4	13°17	13° 3	0°53	2°16	7°37	1°25	S 12
S 13	17 37 5	24°10'00	23°27	22°41	13°19	0♊14	6° 0	16°42	9° 2	13°19	13° 4	0°R54	2°13	7°44	1°24	S 13
M14	17 41 2	25° 7'09	6♎ 0	24°51	14°32	0°55	6°11	16°48	8°59	13°20	13° 5	0°53	2°10	7°51	1°23	M14
T 15	17 44 58	26° 4'18	18°19	27° 0	15°45	1°36	6°23	16°55	8°57	13°22	13° 6	0°51	2° 6	7°57	1°23	T 15
W16	17 48 55	27° 1'26	0♏25	29° 9	16°58	2°17	6°34	17° 2	8°55	13°24	13° 6	0°48	2° 3	8° 4	1°22	W16
T 17	17 52 51	27°58'35	12°23	1♋18	18°12	2°58	6°45	17° 8	8°52	13°26	13° 7	0°43	2° 0	8°11	1°21	T 17
F 18	17 56 48	28°55'44	24°16	3°25	19°25	3°39	6°57	17°15	8°50	13°27	13° 8	0°38	1°57	8°17	1°20	F 18
S 19	18 0 45	29°52'53	6♐ 7	5°30	20°38	4°19	7° 9	17°21	8°48	13°29	13° 9	0°32	1°54	8°24	1°19	S 19
S 20	18 4 41	0♋50'02	17°59	7°35	21°51	5° 0	7°20	17°28	8°45	13°31	13°10	0°27	1°50	8°31	1°18	S 20
M21	18 8 38	1°47'11	29°52	9°38	23° 4	5°41	7°32	17°34	8°43	13°32	13°11	0°23	1°47	8°37	1°17	M21
T 22	18 12 34	2°44'21	11♑50	11°39	24°17	6°21	7°44	17°40	8°40	13°34	13°12	0°20	1°44	8°44	1°16	T 22
W23	18 16 31	3°41'31	23°55	13°39	25°31	7° 2	7°55	17°47	8°38	13°36	13°13	0°19	1°41	8°51	1°15	W23
T 24	18 20 27	4°38'42	6♒ 7	15°37	26°44	7°42	8° 7	17°53	8°36	13°37	13°14	0°D19	1°38	8°58	1°14	T 24
F 25	18 24 24	5°35'53	18°30	17°34	27°57	8°23	8°19	17°59	8°33	13°39	13°15	0°20	1°35	9° 4	1°12	F 25
S 26	18 28 20	6°33'05	1♓ 6	19°29	29°10	9° 3	8°31	18° 5	8°31	13°40	13°16	0°22	1°31	9°11	1°11	S 26
S 27	18 32 17	7°30'18	13°57	21°21	0♌23	9°44	8°43	18°11	8°28	13°42	13°18	0°23	1°28	9°18	1°10	S 27
M28	18 36 14	8°27'32	27° 7	23°13	1°36	10°24	8°55	18°17	8°26	13°43	13°19	0°24	1°25	9°24	1° 8	M28
T 29	18 40 10	9°24'46	10♈38	25° 2	2°49	11° 4	9° 7	18°23	8°24	13°45	13°20	0°R24	1°22	9°31	1° 7	T 29
W30	18 44 7	10♋22'01	24♈31	26♋50	4♌ 2	11♊44	9♌19	18♉29	8♋21	13♉46	13♍21	0♌24	1♌19	9♐38	1♓ 5	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n29	3s43	4s26	18n53	0s56	24n40	1n 4	18n21	0s 2	20n16	0n52	14n37	2s 0	23s40	0s25	14n 8	1s47	21n47	16n23	19n59	19n39	17s18	5s44	5n40
W 2	22 36	1n22	4 56	19 30	0 44	24 42	1 6	18 32	0 1	20 14	0 52	14 39	2 0	23 40	0 25	14 8	1 47	21 47	16 23	19 59	19 40	17 19	5 43	5 41
T 3	22 43	6 31	5 8	20 5	0 33	24 44	1 8	18 43	0 1	20 11	0 52	14 41	2 0	23 41	0 25	14 9	1 47	21 46	16 22	20 0	19 41	17 21	5 43	5 41
F 4	22 49	11 25	5 0	20 40	0 21	24 44	1 10	18 54	0 0	20 9	0 52	14 43	2 0	23 41	0 25	14 10	1 47	21 45	16 22	20 2	19 42	17 22	5 43	5 41
S 5	22 55	15 43	4 32	21 13	0 10	24 44	1 11	19 5	0n 0	20 6	0 52	14 45	2 0	23 41	0 25	14 10	1 47	21 45	16 21	20 3	19 42	17 24	5 43	5 41
S 6	23 1	19 0	3 44	21 46	0n 1	24 44	1 13	19 16	0 1	20 3	0 52	14 47	2 0	23 41	0 25	14 11	1 47	21 44	16 21	20 5	19 43	17 26	5 42	5 42
M 7	23 6	20 56	2 40	22 16	0 12	24 42	1 15	19 26	0 2	20 1	0 52	14 49	2 1	23 41	0 25	14 11	1 47	21 43	16 20	20 6	19 44	17 27	5 42	5 42
T 8	23 11	21 21	1 26	22 45	0 23	24 40	1 16	19 37	0 2	19 58	0 52	14 51	2 1	23 41	0 25	14 12	1 47	21 43	16 20	20 6	19 44	17 29	5 42	5 42
W 9	23 15	20 18	0 8	23 11	0 33	24 37	1 18	19 47	0 3	19 55	0 52	14 53	2 1	23 42	0 25	14 12	1 47	21 42	16 19	20 6	19 45	17 30	5 42	5 42
T 10	23 19	17 58	1n 8	23 35	0 43	24 34	1 19	19 57	0 4	19 53	0 52	14 55	2 1	23 42	0 25	14 13	1 47	21 41	16 19	20 6	19 46	17 32	5 42	5 43
F 11	23 22	14 41	2 19	23 57	0 52	24 29	1 21	20 7	0 4	19 50	0 52	14 57	2 1	23 42	0 25	14 13	1 47	21 41	16 19	20 6	19 47	17 33	5 42	5 43
S 12	23 26	10 44	3 19	24 16	1 1	24 24	1 22	20 16	0 5	19 47	0 52	14 59	2 1	23 42	0 25	14 14	1 47	21 40	16 18	20 6	19 47	17 35	5 42	5 43
S 13	23 28	6 24	4 8	24 33	1 9	24 19	1 23	20 26	0 6	19 44	0 52	15 0	2 1	23 42	0 25	14 14	1 47	21 39	16 18	20 6	19 48	17 37	5 42	5 44
M14	23 31	1 55	4 43	24 46	1 16	24 12	1 24	20 35	0 6	19 41	0 52	15 2	2 1	23 42	0 25	14 15	1 47	21 39	16 17	20 6	19 49	17 38	5 42	5 44
T 15	23 33	2s32	5 4	24 57	1 23	24 5	1 26	20 44	0 7	19 39	0 52	15 4	2 1	23 43	0 25	14 15	1 47	21 38	16 17	20 6	19 49	17 40	5 42	5 44
W16	23 34	6 50	5 12	25 5	1 29	23 57	1 27	20 53	0 8	19 36	0 52	15 6	2 1	23 43	0 25	14 16	1 47	21 37	16 16	20 7	19 50	17 41	5 42	5 44
T 17	23 35	10 49	5 5	25 10	1 34	23 48	1 28	21 2	0 8	19 33	0 52	15 8	2 1	23 43	0 25	14 16	1 47	21 36	16 16	20 8	19 51	17 43	5 42	5 45
F 18	23 36	14 21	4 46	25 12	1 39	23 39	1 29	21 10	0 9	19 30	0 52	15 9	2 1	23 43	0 25	14 17	1 47	21 35	16 15	20 9	19 52	17 44	5 42	5 45
S 19	23 36	17 18	4 14	25 12	1 43	23 29	1 30	21 19	0 10	19 27	0 52	15 11	2 1	23 43	0 25	14 17	1 47	21 35	16 15	20 10	19 52	17 46	5 42	5 45
S 20	23 36	19 33	3 31	25 9	1 46	23 18	1 31	21 27	0 10	19 24	0 52	15 13	2 2	23 43	0 25	14 18	1 47	21 34	16 14	20 11	19 53	17 48	5 42	5 45
M21	23 35	20 57	2 39	25 3	1 48	23 7	1 31	21 35	0 11	19 21	0 52	15 15	2 2	23 44	0 25	14 18	1 47	21 33	16 14	20 12	19 54	17 49	5 42	5 46
T 22	23 34	21 25	1 40	24 55	1 50	22 55	1 32	21 42	0 12	19 18	0 52	15 16	2 2	23 44	0 25	14 19	1 47	21 32	16 13	20 13	19 54	17 51	5 42	5 46
W23	23 33	20 54	0 35	24 44	1 51	22 42	1 33	21 50	0 12	19 15	0 52	15 18	2 2	23 44	0 25	14 19	1 47	21 31	16 13	20 13	19 55	17 52	5 43	5 46
T 24	23 31	19 23	0s32	24 32	1 52	22 29	1 33	21 57	0 13	19 12	0 52	15 20	2 2	23 44	0 25	14 19	1 47	21 31	16 13	20 13	19 56	17 54	5 43	5 46
F 25	23 29	16 57	1 38	24 17	1 51	22 15	1 34	22 5	0 14	19 9	0 52	15 21	2 2	23 44	0 25	14 20	1 48	21 30	16 12	20 13	19 57	17 55	5 43	5 47
S 26	23 26	13 40	2 41	24 0	1 50	22 0	1 34	22 12	0 14	19 5	0 52	15 23	2 2	23 44	0 25	14 20	1 48	21 29	16 12	20 13	19 57	17 57	5 43	5 47
S 27	23 23	9 42	3 38	23 41	1 49	21 45	1 35	22 18	0 15	19 2	0 52	15 24	2 2	23 45	0 25	14 21	1 48	21 28	16 11	20 12	19 58	17 58	5 43	5 47
M28	23 20	5 11	4 24	23 20	1 47	21 29	1 35	22 25	0 16	18 59	0 52	15 26	2 2	23 45	0 25	14 21	1 48	21 27	16 11	20 12	19 59	18 0	5 44	5 47
T 29	23 16	0 19	4 57	22 58	1 44	21 13	1 36	22 31	0 16	18 56	0 52	15 27	2 2	23 45	0 25	14 22	1 48	21 26	16 10	20 12	19 59	18 1	5 44	5 48
W30	23n12	4n42	5s14	22n35	1n41	20n56	1n36	22n38	0n17	18n53	0n52	15n29	2s 3	23s45	0s25	14n22	1s48	21n26	16n10	20n12	20n 0	18s 3	5s44	5n48

Julian Day Number = 1989302.5, Delta T = 55m40s
Ecliptic obliquity = 23°36'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'40, Lahiri = 6°13'40 Julian Calendar 1 June 734 == Greg. Calendar 5 June 734

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ASTRODIENST EPHEMERIS for the year 734
geocentric

JULY 734 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 48 3	11♋19'18	8♉47	28♋35	5♌15	12♊25	9♌31	18♉35	8°R19	13♉47	13♍22	0°R23	1♌16	9♐44	1°R 4	T 1
F 2	18 52 0	12°16'35	23°22	0♌19	6°28	13° 5	9°44	18°40	8♏16	13°49	13°24	0♌21	1°12	9°51	1♓ 2	F 2
S 3	18 55 56	13°13'53	8♊12	2° 2	7°41	13°45	9°56	18°46	8°14	13°50	13°25	0°18	1° 9	9°58	1° 1	S 3
S 4	18 59 53	14°11'13	23°10	3°42	8°54	14°25	10° 8	18°52	8°12	13°51	13°26	0°17	1° 6	10° 5	0°59	S 4
M 5	19 3 50	15° 8'33	8♋ 9	5°21	10° 7	15° 5	10°21	18°57	8° 9	13°53	13°28	0°15	1° 3	10°11	0°57	M 5
T 6	19 7 46	16° 5'54	23° 0	6°58	11°20	15°45	10°33	19° 3	8° 7	13°54	13°29	0°D14	1° 0	10°18	0°55	T 6
W 7	19 11 43	17° 3'16	7♌35	8°33	12°33	16°24	10°45	19° 8	8° 4	13°55	13°31	0°14	0°56	10°25	0°54	W 7
T 8	19 15 39	18° 0'39	21°49	10° 7	13°46	17° 4	10°58	19°13	8° 2	13°56	13°32	0°15	0°53	10°31	0°52	T 8
F 9	19 19 36	18°58'02	5♍37	11°38	14°59	17°44	11°10	19°19	8° 0	13°58	13°34	0°16	0°50	10°38	0°50	F 9
S 10	19 23 32	19°55'26	19° 0	13° 8	16°12	18°24	11°23	19°24	7°57	13°59	13°35	0°17	0°47	10°45	0°48	S 10
S 11	19 27 29	20°52'51	1♎59	14°36	17°25	19° 3	11°36	19°29	7°55	14° 0	13°37	0°18	0°44	10°51	0°46	S 11
M12	19 31 25	21°50'16	14°36	16° 3	18°38	19°43	11°48	19°34	7°53	14° 1	13°38	0°18	0°41	10°58	0°44	M12
T 13	19 35 22	22°47'42	26°56	17°27	19°51	20°22	12° 1	19°39	7°50	14° 2	13°40	0°R18	0°37	11° 5	0°42	T 13
W14	19 39 19	23°45'09	9♏ 2	18°50	21° 3	21° 2	12°13	19°44	7°48	14° 3	13°41	0°18	0°34	11°11	0°40	W14
T 15	19 43 15	24°42'37	20°59	20°11	22°16	21°41	12°26	19°48	7°46	14° 4	13°43	0°17	0°31	11°18	0°38	T 15
F 16	19 47 12	25°40'06	2♐50	21°30	23°29	22°21	12°39	19°53	7°43	14° 5	13°45	0°17	0°28	11°25	0°35	F 16
S 17	19 51 8	26°37'36	14°41	22°46	24°42	23° 0	12°52	19°58	7°41	14° 6	13°46	0°16	0°25	11°31	0°33	S 17
S 18	19 55 5	27°35'06	26°35	24° 1	25°54	23°39	13° 4	20° 2	7°39	14° 7	13°48	0°16	0°22	11°38	0°31	S 18
M19	19 59 1	28°32'38	8♑34	25°14	27° 7	24°18	13°17	20° 7	7°37	14° 8	13°50	0°16	0°18	11°45	0°29	M19
T 20	20 2 58	29°30'11	20°40	26°24	28°20	24°57	13°30	20°11	7°35	14° 9	13°51	0°15	0°15	11°52	0°26	T 20
W21	20 6 54	0♌27'45	2♒57	27°33	29°32	25°37	13°43	20°15	7°32	14°10	13°53	0°15	0°12	11°58	0°24	W21
T 22	20 10 51	1°25'21	15°25	28°39	0♍45	26°16	13°56	20°19	7°30	14°10	13°55	0°15	0° 9	12° 5	0°22	T 22
F 23	20 14 48	2°22'57	28° 5	29°42	1°58	26°55	14° 9	20°23	7°28	14°11	13°57	0°15	0° 6	12°12	0°19	F 23
S 24	20 18 44	3°20'36	10♓58	0♍43	3°10	27°33	14°22	20°28	7°26	14°12	13°59	0°15	0° 2	12°18	0°17	S 24
S 25	20 22 41	4°18'15	24° 6	1°41	4°23	28°12	14°35	20°31	7°24	14°13	14° 1	0°15	29♋59	12°25	0°14	S 25
M26	20 26 37	5°15'57	7♈28	2°37	5°35	28°51	14°47	20°35	7°22	14°13	14° 2	0°14	29°56	12°32	0°12	M26
T 27	20 30 34	6°13'39	21° 5	3°29	6°48	29°30	15° 0	20°39	7°20	14°14	14° 4	0°14	29°53	12°38	0° 9	T 27
W28	20 34 30	7°11'24	4♉58	4°18	8° 0	0♋ 9	15°13	20°43	7°18	14°14	14° 6	0°D13	29°50	12°45	0° 7	W28
T 29	20 38 27	8° 9'11	19° 4	5° 4	9°12	0°47	15°26	20°46	7°16	14°15	14° 8	0°14	29°47	12°52	0° 4	T 29
F 30	20 42 23	9° 6'59	3♊23	5°47	10°25	1°26	15°39	20°50	7°14	14°16	14°10	0°14	29°43	12°58	0° 1	F 30
S 31	20 46 20	10♌ 4'49	17♊51	6♍26	11♍37	2♋ 5	15♌52	20♉53	7♏12	14♉16	14♍12	0♌15	29♋40	13♐ 5	29♒59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	9n36	5s12	22n10	1n37	20n38	1n36	22n44	0n18	18n49	0n52	15n30	2s 3	23s45	0s25	14n22	1s48	21n25	16n10	20n12	20n 1	18s 4	5s45	5n48
F 2	23 2	14 3	4 51	21 43	1 32	20 20	1 36	22 50	0 18	18 46	0 52	15 32	2 3	23 45	0 25	14 23	1 48	21 24	16 9	20 13	20 2	18 6	5 45	5 48
S 3	22 56	17 43	4 9	21 16	1 28	20 1	1 36	22 55	0 19	18 43	0 52	15 33	2 3	23 46	0 25	14 23	1 48	21 23	16 9	20 13	20 2	18 7	5 45	5 49
S 4	22 50	20 15	3 11	20 48	1 22	19 41	1 36	23 1	0 20	18 39	0 52	15 35	2 3	23 46	0 25	14 23	1 48	21 22	16 8	20 14	20 3	18 9	5 46	5 49
M 5	22 44	21 22	1 59	20 18	1 17	19 22	1 36	23 6	0 20	18 36	0 52	15 36	2 3	23 46	0 25	14 24	1 48	21 21	16 8	20 14	20 4	18 10	5 46	5 49
T 6	22 37	20 58	0 40	19 48	1 11	19 1	1 35	23 11	0 21	18 33	0 52	15 37	2 3	23 46	0 25	14 24	1 48	21 20	16 7	20 14	20 4	18 12	5 47	5 49
W 7	22 30	19 9	0n41	19 17	1 4	18 40	1 35	23 16	0 22	18 29	0 52	15 39	2 3	23 46	0 25	14 24	1 48	21 19	16 7	20 14	20 5	18 13	5 47	5 49
T 8	22 23	16 10	1 57	18 45	0 57	18 19	1 35	23 20	0 22	18 26	0 52	15 40	2 4	23 46	0 25	14 25	1 48	21 18	16 7	20 14	20 6	18 15	5 47	5 50
F 9	22 15	12 21	3 4	18 13	0 50	17 57	1 34	23 25	0 23	18 22	0 52	15 41	2 4	23 46	0 25	14 25	1 48	21 17	16 6	20 14	20 6	18 16	5 48	5 50
S 10	22 7	8 2	3 59	17 40	0 43	17 34	1 34	23 29	0 24	18 19	0 52	15 43	2 4	23 47	0 25	14 25	1 48	21 16	16 6	20 14	20 7	18 18	5 48	5 50
S 11	21 58	3 28	4 39	17 7	0 35	17 12	1 33	23 33	0 24	18 15	0 52	15 44	2 4	23 47	0 25	14 26	1 48	21 15	16 6	20 13	20 8	18 19	5 49	5 50
M12	21 49	1s 6	5 5	16 33	0 27	16 48	1 32	23 37	0 25	18 12	0 52	15 45	2 4	23 47	0 25	14 26	1 48	21 14	16 5	20 13	20 9	18 21	5 49	5 50
T 13	21 40	5 32	5 16	16 0	0 18	16 25	1 31	23 41	0 26	18 8	0 52	15 46	2 4	23 47	0 25	14 26	1 48	21 14	16 5	20 13	20 9	18 22	5 50	5 51
W14	21 30	9 39	5 13	15 26	0 9	16 0	1 31	23 44	0 26	18 5	0 52	15 47	2 4	23 47	0 25	14 26	1 48	21 13	16 5	20 13	20 10	18 24	5 51	5 51
T 15	21 20	13 21	4 57	14 52	0 0	15 36	1 30	23 47	0 27	18 1	0 52	15 49	2 5	23 47	0 25	14 27	1 48	21 12	16 4	20 14	20 11	18 25	5 51	5 51
F 16	21 9	16 30	4 27	14 18	0s 9	15 11	1 29	23 50	0 28	17 58	0 52	15 50	2 5	23 47	0 25	14 27	1 49	21 11	16 4	20 14	20 11	18 27	5 52	5 51
S 17	20 58	18 58	3 47	13 44	0 18	14 45	1 28	23 53	0 28	17 54	0 52	15 51	2 5	23 48	0 25	14 27	1 49	21 10	16 3	20 14	20 12	18 28	5 52	5 51
S 18	20 47	20 37	2 56	13 10	0 28	14 19	1 26	23 56	0 29	17 50	0 52	15 52	2 5	23 48	0 25	14 27	1 49	21 9	16 3	20 14	20 13	18 30	5 53	5 51
M19	20 36	21 22	1 58	12 36	0 38	13 53	1 25	23 58	0 30	17 47	0 52	15 53	2 5	23 48	0 25	14 27	1 49	21 8	16 3	20 14	20 13	18 31	5 54	5 52
T 20	20 24	21 8	0 53	12 3	0 48	13 27	1 24	24 1	0 30	17 43	0 52	15 54	2 5	23 48	0 25	14 28	1 49	21 7	16 3	20 14	20 14	18 33	5 54	5 52
W21	20 11	19 52	0s15	11 30	0 58	13 0	1 23	24 3	0 31	17 39	0 52	15 55	2 5	23 48	0 25	14 28	1 49	21 6	16 2	20 14	20 15	18 34	5 55	5 52
T 22	19 59	17 39	1 23	10 57	1 9	12 33	1 21	24 5	0 32	17 36	0 52	15 56	2 6	23 48	0 25	14 28	1 49	21 5	16 2	20 14	20 15	18 36	5 56	5 52
F 23	19 46	14 32	2 28	10 25	1 19	12 5	1 20	24 6	0 33	17 32	0 52	15 57	2 6	23 48	0 25	14 28	1 49	21 4	16 2	20 14	20 16	18 37	5 57	5 52
S 24	19 32	10 41	3 27	9 54	1 30	11 37	1 18	24 8	0 33	17 28	0 52	15 58	2 6	23 48	0 25	14 28	1 49	21 3	16 1	20 14	20 17	18 39	5 57	5 52
S 25	19 19	6 17	4 16	9 23	1 41	11 9	1 16	24 9	0 34	17 24	0 52	15 59	2 6	23 49	0 25	14 29	1 49	21 2	16 1	20 14	20 17	18 40	5 58	5 52
M26	19 5	1 29	4 53	8 53	1 51	10 41	1 15	24 10	0 35	17 21	0 52	15 59	2 6	23 49	0 25	14 29	1 49	21 1	16 1	20 14	20 18	18 41	5 59	5 52
T 27	18 51	3n27	5 13	8 24	2 2	10 12	1 13	24 11	0 35	17 17	0 53	16 0	2 6	23 49	0 25	14 29	1 49	21 0	16 0	20 14	20 19	18 43	6 0	5 53
W28	18 36	8 18	5 16	7 56	2 13	9 43	1 11	24 12	0 36	17 13	0 53	16 1	2 7	23 49	0 25	14 29	1 49	20 59	16 0	20 14	20 19	18 44	6 0	5 53
T 29	18 21	12 47	5 0	7 29	2 24	9 14	1 9	24 13	0 37	17 9	0 53	16 2	2 7	23 49	0 25	14 29	1 49	20 58	16 0	20 14	20 20	18 46	6 1	5 53
F 30	18 6	16 37	4 26	7 4	2 34	8 45	1 7	24 13	0 37	17 5	0 53	16 3	2 7	23 49	0 25	14 29	1 49	20 57	16 0	20 14	20 21	18 47	6 2	5 53
S 31	17n50	19n29	3s34	6n40	2s45	8n15	1n 5	24n13	0n38	17n 1	0n53	16n 3	2s 7	23s49	0s25	14n29	1s49	20n56	15n59	20n14	20n21	18s49	6s 3	5n53

Julian Day Number = 1989332.5, Delta T = 55m39s
Ecliptic obliquity = 23°36'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'44, Lahiri = 6°13'44 Julian Calendar 1 July 734 == Greg. Calendar 5 July 734

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ASTRODIENST EPHEMERIS for the year 734
geocentric

AUGUST 734 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 50 17	11♌ 2'41	2♋26	7♍ 1	12♍50	2♋43	16♌ 5	20♉56	7°R10	14♉17	14♍14	0♌16	29♋37	13♐12	29°R56	S 1
M 2	20 54 13	12° 0'35	17° 1	7°32	14° 2	3°22	16°18	21° 0	7♏ 8	14°17	14°16	0°16	29°34	13°19	29♒53	M 2
T 3	20 58 10	12°58'30	1♌32	7°58	15°14	4° 0	16°31	21° 3	7° 7	14°17	14°18	0°R17	29°31	13°25	29°51	T 3
W 4	21 2 6	13°56'27	15°52	8°20	16°26	4°38	16°44	21° 6	7° 5	14°18	14°20	0°16	29°28	13°32	29°48	W 4
T 5	21 6 3	14°54'26	29°56	8°37	17°39	5°17	16°58	21° 9	7° 3	14°18	14°22	0°15	29°24	13°39	29°45	T 5
F 6	21 9 59	15°52'26	13♍40	8°49	18°51	5°55	17°11	21°11	7° 1	14°18	14°24	0°13	29°21	13°45	29°43	F 6
S 7	21 13 56	16°50'28	27° 3	8°55	20° 3	6°33	17°24	21°14	7° 0	14°19	14°26	0°11	29°18	13°52	29°40	S 7
S 8	21 17 52	17°48'31	10♎ 4	8°R55	21°15	7°11	17°37	21°17	6°58	14°19	14°28	0° 9	29°15	13°59	29°37	S 8
M 9	21 21 49	18°46'36	22°43	8°50	22°27	7°49	17°50	21°19	6°56	14°19	14°30	0° 6	29°12	14° 5	29°34	M 9
T 10	21 25 45	19°44'42	5♏ 4	8°39	23°39	8°27	18° 3	21°21	6°55	14°19	14°32	0° 5	29° 8	14°12	29°31	T 10
W11	21 29 42	20°42'49	17°11	8°21	24°51	9° 5	18°16	21°24	6°53	14°19	14°35	0°D 4	29° 5	14°19	29°29	W11
T 12	21 33 39	21°40'59	29° 8	7°57	26° 3	9°43	18°29	21°26	6°52	14°20	14°37	0° 4	29° 2	14°25	29°26	T 12
F 13	21 37 35	22°39'09	11♐ 0	7°27	27°15	10°21	18°42	21°28	6°50	14°20	14°39	0° 5	28°59	14°32	29°23	F 13
S 14	21 41 32	23°37'22	22°51	6°50	28°27	10°59	18°55	21°30	6°49	14°20	14°41	0° 7	28°56	14°39	29°20	S 14
S 15	21 45 28	24°35'36	4♑47	6° 8	29°39	11°37	19° 8	21°32	6°48	14°R20	14°43	0° 9	28°53	14°45	29°17	S 15
M16	21 49 25	25°33'51	16°50	5°20	0♎51	12°14	19°21	21°34	6°46	14°20	14°45	0°10	28°49	14°52	29°14	M16
T 17	21 53 21	26°32'08	29° 5	4°28	2° 3	12°52	19°34	21°35	6°45	14°20	14°48	0°R11	28°46	14°59	29°12	T 17
W18	21 57 18	27°30'27	11♒35	3°32	3°14	13°29	19°47	21°37	6°44	14°20	14°50	0°10	28°43	15° 5	29° 9	W18
T 19	22 1 14	28°28'48	24°20	2°33	4°26	14° 7	20° 0	21°38	6°43	14°19	14°52	0° 8	28°40	15°12	29° 6	T 19
F 20	22 5 11	29°27'11	7♓22	1°32	5°38	14°44	20°13	21°40	6°41	14°19	14°54	0° 5	28°37	15°19	29° 3	F 20
S 21	22 9 8	0♍25'35	20°39	0°31	6°49	15°22	20°26	21°41	6°40	14°19	14°56	0° 1	28°33	15°26	29° 0	S 21
S 22	22 13 4	1°24'01	4♈11	29♌30	8° 1	15°59	20°39	21°42	6°39	14°19	14°59	29♋56	28°30	15°32	28°57	S 22
M23	22 17 1	2°22'30	17°55	28°32	9°12	16°36	20°52	21°43	6°38	14°19	15° 1	29°51	28°27	15°39	28°54	M23
T 24	22 20 57	3°21'01	1♉49	27°38	10°24	17°14	21° 5	21°44	6°37	14°18	15° 3	29°47	28°24	15°46	28°52	T 24
W25	22 24 54	4°19'34	15°51	26°49	11°35	17°51	21°18	21°45	6°36	14°18	15° 5	29°44	28°21	15°52	28°49	W25
T 26	22 28 50	5°18'09	29°58	26° 7	12°47	18°28	21°30	21°45	6°35	14°18	15° 8	29°D43	28°18	15°59	28°46	T 26
F 27	22 32 47	6°16'47	14♊ 8	25°32	13°58	19° 5	21°43	21°46	6°35	14°17	15°10	29°43	28°14	16° 6	28°43	F 27
S 28	22 36 43	7°15'27	28°19	25° 6	15° 9	19°42	21°56	21°46	6°34	14°17	15°12	29°44	28°11	16°12	28°40	S 28
S 29	22 40 40	8°14'09	12♋31	24°48	16°21	20°19	22° 9	21°47	6°33	14°16	15°14	29°45	28° 8	16°19	28°37	S 29
M30	22 44 37	9°12'54	26°39	24°D41	17°32	20°56	22°22	21°47	6°32	14°16	15°17	29°R46	28° 5	16°26	28°35	M30
T 31	22 48 33	10♍11'41	10♌43	24♌43	18♎43	21♋32	22♌34	21♉47	6♏32	14♉15	15♍19	29♋46	28♋ 2	16♐32	28♒32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n35	21n 6	2s28	6n17	2s55	7n45	1n 3	24n13	0n39	16n58	0n53	16n 4	2s 7	23s49	0s25	14n29	1s49	20n55	15n59	20n14	20n22	18s50	6s 4	5n53
M 2	17 18	21 18	1 13	5 56	3 5	7 15	1 0	24 13	0 39	16 54	0 53	16 5	2 7	23 49	0 25	14 29	1 50	20 54	15 59	20 14	20 23	18 51	6 5	5 53
T 3	17 2	20 4	0n 7	5 37	3 15	6 45	0 58	24 12	0 40	16 50	0 53	16 5	2 8	23 50	0 25	14 29	1 50	20 53	15 59	20 14	20 23	18 53	6 5	5 53
W 4	16 45	17 33	1 25	5 20	3 25	6 15	0 56	24 12	0 41	16 46	0 53	16 6	2 8	23 50	0 25	14 30	1 50	20 52	15 58	20 14	20 24	18 54	6 6	5 53
T 5	16 28	14 1	2 37	5 5	3 34	5 44	0 53	24 11	0 41	16 42	0 53	16 6	2 8	23 50	0 25	14 30	1 50	20 51	15 58	20 14	20 25	18 56	6 7	5 53
F 6	16 11	9 48	3 38	4 53	3 43	5 13	0 51	24 10	0 42	16 38	0 53	16 7	2 8	23 50	0 25	14 30	1 50	20 50	15 58	20 14	20 25	18 57	6 8	5 53
S 7	15 54	5 13	4 25	4 43	3 51	4 42	0 48	24 9	0 43	16 34	0 53	16 8	2 8	23 50	0 25	14 30	1 50	20 49	15 58	20 15	20 26	18 58	6 9	5 53
S 8	15 36	0 32	4 56	4 36	3 58	4 11	0 46	24 8	0 43	16 30	0 53	16 8	2 9	23 50	0 25	14 30	1 50	20 48	15 58	20 15	20 27	19 0	6 10	5 53
M 9	15 18	4s 3	5 13	4 32	4 5	3 40	0 43	24 6	0 44	16 26	0 53	16 9	2 9	23 50	0 25	14 30	1 50	20 47	15 58	20 16	20 27	19 1	6 11	5 53
T 10	15 0	8 22	5 14	4 31	4 11	3 9	0 40	24 5	0 45	16 22	0 53	16 9	2 9	23 50	0 25	14 30	1 50	20 46	15 57	20 16	20 28	19 3	6 12	5 53
W11	14 41	12 15	5 2	4 33	4 15	2 38	0 38	24 3	0 46	16 18	0 53	16 9	2 9	23 50	0 25	14 30	1 50	20 45	15 57	20 16	20 29	19 4	6 13	5 53
T 12	14 22	15 37	4 36	4 39	4 19	2 7	0 35	24 1	0 46	16 14	0 53	16 10	2 9	23 50	0 25	14 30	1 50	20 44	15 57	20 16	20 29	19 5	6 14	5 53
F 13	14 3	18 18	3 59	4 48	4 21	1 35	0 32	23 58	0 47	16 10	0 53	16 10	2 9	23 50	0 25	14 30	1 50	20 43	15 57	20 16	20 30	19 7	6 15	5 53
S 14	13 44	20 14	3 11	5 1	4 21	1 4	0 29	23 56	0 48	16 6	0 54	16 10	2 10	23 50	0 25	14 30	1 50	20 42	15 57	20 16	20 31	19 8	6 16	5 53
S 15	13 25	21 16	2 15	5 18	4 20	0 32	0 26	23 54	0 48	16 2	0 54	16 11	2 10	23 50	0 25	14 29	1 50	20 41	15 57	20 15	20 31	19 10	6 17	5 53
M16	13 5	21 20	1 13	5 38	4 17	0 1	0 23	23 51	0 49	15 58	0 54	16 11	2 10	23 50	0 25	14 29	1 50	20 40	15 56	20 15	20 32	19 11	6 18	5 53
T 17	12 45	20 23	0 6	6 1	4 13	0s31	0 20	23 48	0 50	15 54	0 54	16 11	2 10	23 51	0 25	14 29	1 50	20 39	15 56	20 15	20 33	19 12	6 19	5 53
W18	12 25	18 25	1s 2	6 28	4 6	1 3	0 17	23 45	0 50	15 50	0 54	16 12	2 10	23 51	0 25	14 29	1 50	20 38	15 56	20 15	20 33	19 14	6 20	5 53
T 19	12 5	15 31	2 9	6 57	3 57	1 34	0 13	23 42	0 51	15 46	0 54	16 12	2 11	23 51	0 25	14 29	1 51	20 37	15 56	20 16	20 34	19 15	6 21	5 53
F 20	11 44	11 48	3 10	7 29	3 46	2 6	0 10	23 38	0 52	15 42	0 54	16 12	2 11	23 51	0 25	14 29	1 51	20 36	15 56	20 16	20 35	19 16	6 22	5 53
S 21	11 24	7 26	4 2	8 2	3 34	2 37	0 7	23 35	0 53	15 38	0 54	16 12	2 11	23 51	0 25	14 29	1 51	20 35	15 56	20 17	20 35	19 18	6 23	5 53
S 22	11 3	2 37	4 41	8 36	3 20	3 9	0 4	23 31	0 53	15 34	0 54	16 12	2 11	23 51	0 25	14 29	1 51	20 34	15 56	20 18	20 36	19 19	6 24	5 53
M23	10 42	2n23	5 5	9 11	3 4	3 40	0 0	23 27	0 54	15 30	0 54	16 12	2 11	23 51	0 25	14 29	1 51	20 33	15 56	20 19	20 37	19 20	6 25	5 53
T 24	10 21	7 19	5 12	9 46	2 47	4 12	0s 3	23 23	0 55	15 26	0 54	16 12	2 11	23 51	0 25	14 29	1 51	20 32	15 56	20 20	20 37	19 22	6 26	5 53
W25	9 59	11 55	5 0	10 20	2 28	4 43	0 7	23 19	0 55	15 22	0 54	16 12	2 12	23 51	0 25	14 28	1 51	20 31	15 56	20 21	20 38	19 23	6 27	5 53
T 26	9 38	15 53	4 30	10 52	2 9	5 14	0 10	23 15	0 56	15 17	0 55	16 12	2 12	23 51	0 25	14 28	1 51	20 30	15 56	20 21	20 39	19 24	6 28	5 53
F 27	9 16	18 58	3 43	11 22	1 50	5 45	0 13	23 10	0 57	15 13	0 55	16 12	2 12	23 51	0 25	14 28	1 51	20 29	15 56	20 21	20 39	19 26	6 29	5 53
S 28	8 54	20 53	2 43	11 50	1 30	6 16	0 17	23 6	0 57	15 9	0 55	16 12	2 12	23 51	0 25	14 28	1 51	20 28	15 55	20 21	20 40	19 27	6 30	5 53
S 29	8 32	21 28	1 33	12 14	1 11	6 47	0 21	23 1	0 58	15 5	0 55	16 12	2 12	23 51	0 25	14 28	1 51	20 27	15 55	20 20	20 41	19 28	6 31	5 53
M30	8 10	20 41	0 17	12 35	0 51	7 18	0 24	22 56	0 59	15 1	0 55	16 12	2 13	23 51	0 25	14 28	1 51	20 27	15 55	20 20	20 41	19 30	6 32	5 53
T 31	7n48	18n37	0n59	12n52	0s33	7s48	0s28	22n51	1n 0	14n57	0n55	16n12	2s13	23s51	0s25	14n27	1s51	20n26	15n55	20n20	20n42	19s31	6s33	5n52

Julian Day Number = 1989363.5, Delta T = 55m39s
Ecliptic obliquity = 23°36'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'48, Lahiri = 6°13'48 Julian Calendar 1 Aug. 734 == Greg. Calendar 5 Aug. 734

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ASTRODIENST EPHEMERIS for the year 734
geocentric

SEPTEMBER 734 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 52 30	11♍10'30	24♌39	24♌55	19♎54	22♋ 9	22♌47	21°R47	6°R31	14°R15	15♍21	29°R43	27♋59	16♐39	28°R29	W 1
T 2	22 56 26	12° 9'21	8♍24	25°16	21° 5	22°46	23° 0	21♉47	6♏30	14♉14	15°24	29♋39	27°55	16°46	28♒26	T 2
F 3	23 0 23	13° 8'14	21°54	25°48	22°16	23°22	23°12	21°47	6°30	14°14	15°26	29°33	27°52	16°52	28°24	F 3
S 4	23 4 19	14° 7'09	5♎ 7	26°28	23°27	23°59	23°25	21°47	6°29	14°13	15°28	29°25	27°49	16°59	28°21	S 4
S 5	23 8 16	15° 6'07	18° 2	27°17	24°38	24°36	23°38	21°46	6°29	14°12	15°30	29°17	27°46	17° 6	28°18	S 5
M 6	23 12 12	16° 5'06	0♏39	28°13	25°49	25°12	23°50	21°46	6°29	14°12	15°33	29° 9	27°43	17°12	28°15	M 6
T 7	23 16 9	17° 4'07	12°59	29°17	27° 0	25°48	24° 3	21°45	6°28	14°11	15°35	29° 3	27°39	17°19	28°13	T 7
W 8	23 20 5	18° 3'10	25° 6	0♍28	28°10	26°25	24°15	21°44	6°28	14°10	15°37	28°58	27°36	17°26	28°10	W 8
T 9	23 24 2	19° 2'14	7♐ 2	1°44	29°21	27° 1	24°28	21°43	6°28	14° 9	15°40	28°55	27°33	17°32	28° 8	T 9
F 10	23 27 59	20° 1'21	18°53	3° 6	0♏32	27°37	24°40	21°42	6°28	14° 8	15°42	28°D54	27°30	17°39	28° 5	F 10
S 11	23 31 55	21° 0'29	0♑43	4°33	1°42	28°13	24°52	21°41	6°28	14° 8	15°44	28°55	27°27	17°46	28° 2	S 11
S 12	23 35 52	21°59'40	12°38	6° 3	2°52	28°49	25° 5	21°40	6°28	14° 7	15°46	28°56	27°24	17°52	28° 0	S 12
M13	23 39 48	22°58'52	24°43	7°36	4° 3	29°25	25°17	21°39	6°D28	14° 6	15°49	28°R57	27°20	17°59	27°57	M13
T 14	23 43 45	23°58'06	7♒ 3	9°12	5°13	0♌ 1	25°29	21°37	6°28	14° 5	15°51	28°56	27°17	18° 6	27°55	T 14
W15	23 47 41	24°57'22	19°41	10°51	6°23	0°37	25°41	21°36	6°28	14° 4	15°53	28°54	27°14	18°12	27°52	W15
T 16	23 51 38	25°56'40	2♓41	12°31	7°34	1°12	25°53	21°34	6°28	14° 3	15°55	28°50	27°11	18°19	27°50	T 16
F 17	23 55 34	26°55'59	16° 2	14°13	8°44	1°48	26° 6	21°33	6°28	14° 2	15°58	28°43	27° 8	18°26	27°48	F 17
S 18	23 59 31	27°55'21	29°43	15°56	9°54	2°24	26°18	21°31	6°28	14° 1	16° 0	28°34	27° 4	18°32	27°45	S 18
S 19	0 3 28	28°54'45	13♈42	17°39	11° 4	2°59	26°30	21°29	6°29	14° 0	16° 2	28°24	27° 1	18°39	27°43	S 19
M20	0 7 24	29°54'11	27°55	19°23	12°13	3°34	26°41	21°27	6°29	13°59	16° 4	28°14	26°58	18°46	27°40	M20
T 21	0 11 21	0♎53'39	12♉15	21° 8	13°23	4°10	26°53	21°25	6°29	13°58	16° 7	28° 5	26°55	18°53	27°38	T 21
W22	0 15 17	1°53'10	26°36	22°52	14°33	4°45	27° 5	21°22	6°30	13°56	16° 9	27°58	26°52	18°59	27°36	W22
T 23	0 19 14	2°52'43	10♊56	24°36	15°42	5°20	27°17	21°20	6°30	13°55	16°11	27°54	26°49	19° 6	27°34	T 23
F 24	0 23 10	3°52'19	25° 9	26°21	16°52	5°55	27°29	21°18	6°31	13°54	16°13	27°52	26°45	19°13	27°32	F 24
S 25	0 27 7	4°51'56	9♋15	28° 5	18° 1	6°31	27°40	21°15	6°31	13°53	16°16	27°D52	26°42	19°19	27°30	S 25
S 26	0 31 3	5°51'37	23°12	29°49	19°11	7° 5	27°52	21°12	6°32	13°52	16°18	27°R52	26°39	19°26	27°27	S 26
M27	0 35 0	6°51'19	7♌ 0	1♎32	20°20	7°40	28° 3	21°10	6°33	13°50	16°20	27°52	26°36	19°33	27°25	M27
T 28	0 38 57	7°51'04	20°40	3°15	21°29	8°15	28°15	21° 7	6°34	13°49	16°22	27°50	26°33	19°39	27°23	T 28
W29	0 42 53	8°50'51	4♍10	4°57	22°38	8°50	28°26	21° 4	6°34	13°48	16°24	27°45	26°30	19°46	27°21	W29
T 30	0 46 50	9♎50'40	17♍30	6♎39	23♏47	9♌25	28♌37	21♉ 1	6♑35	13♉46	16♍26	27♋38	26♋26	19♐53	27♒20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n25	15n27	2n11	13n 5	0s15	8s19	0s31	22n46	1n 0	14n53	0n55	16n12	2s13	23s51	0s25	14n27	1s51	20n25	15n55	20n21	20n42	19s32	6s34	5n52
T 2	7 3	11 28	3 14	13 13	0n 2	8 49	0 35	22 40	1 1	14 49	0 55	16 12	2 13	23 51	0 25	14 27	1 51	20 24	15 55	20 22	20 43	19 34	6 35	5 52
F 3	6 40	6 59	4 5	13 18	0 18	9 19	0 39	22 35	1 2	14 45	0 55	16 11	2 13	23 51	0 25	14 27	1 51	20 23	15 55	20 23	20 44	19 35	6 36	5 52
S 4	6 17	2 15	4 41	13 18	0 33	9 49	0 42	22 29	1 3	14 41	0 55	16 11	2 13	23 51	0 25	14 26	1 51	20 22	15 55	20 25	20 44	19 36	6 37	5 52
S 5	5 55	2s28	5 2	13 14	0 46	10 19	0 46	22 23	1 3	14 37	0 56	16 11	2 14	23 51	0 25	14 26	1 51	20 21	15 56	20 26	20 45	19 38	6 39	5 52
M 6	5 32	6 58	5 8	13 5	0 59	10 49	0 50	22 17	1 4	14 32	0 56	16 10	2 14	23 51	0 25	14 26	1 52	20 20	15 56	20 28	20 46	19 39	6 40	5 52
T 7	5 8	11 5	4 59	12 53	1 10	11 18	0 53	22 11	1 5	14 28	0 56	16 10	2 14	23 51	0 25	14 26	1 52	20 19	15 56	20 29	20 46	19 40	6 41	5 51
W 8	4 45	14 41	4 37	12 37	1 19	11 47	0 57	22 5	1 5	14 24	0 56	16 10	2 14	23 51	0 25	14 25	1 52	20 19	15 56	20 30	20 47	19 42	6 42	5 51
T 9	4 22	17 38	4 3	12 18	1 28	12 16	1 1	21 59	1 6	14 20	0 56	16 9	2 14	23 51	0 25	14 25	1 52	20 18	15 56	20 31	20 48	19 43	6 43	5 51
F 10	3 59	19 50	3 19	11 55	1 35	12 44	1 4	21 52	1 7	14 16	0 56	16 9	2 15	23 51	0 25	14 25	1 52	20 17	15 56	20 31	20 48	19 44	6 44	5 51
S 11	3 35	21 10	2 26	11 29	1 41	13 13	1 8	21 46	1 8	14 12	0 56	16 9	2 15	23 51	0 25	14 24	1 52	20 16	15 56	20 31	20 49	19 45	6 45	5 51
S 12	3 12	21 34	1 27	11 0	1 46	13 41	1 12	21 39	1 8	14 8	0 56	16 8	2 15	23 51	0 25	14 24	1 52	20 15	15 56	20 31	20 49	19 47	6 46	5 51
M13	2 48	20 57	0 23	10 28	1 50	14 8	1 16	21 32	1 9	14 4	0 57	16 8	2 15	23 51	0 25	14 24	1 52	20 14	15 56	20 31	20 50	19 48	6 47	5 50
T 14	2 25	19 20	0s43	9 55	1 53	14 36	1 19	21 25	1 10	14 0	0 57	16 7	2 15	23 51	0 25	14 24	1 52	20 14	15 56	20 31	20 51	19 49	6 48	5 50
W15	2 1	16 44	1 49	9 19	1 55	15 3	1 23	21 18	1 11	13 56	0 57	16 6	2 15	23 51	0 25	14 23	1 52	20 13	15 56	20 31	20 51	19 51	6 49	5 50
T 16	1 37	13 14	2 50	8 41	1 56	15 29	1 27	21 11	1 11	13 52	0 57	16 6	2 16	23 51	0 25	14 23	1 52	20 12	15 56	20 32	20 52	19 52	6 50	5 50
F 17	1 14	8 59	3 44	8 2	1 56	15 56	1 30	21 4	1 12	13 48	0 57	16 5	2 16	23 51	0 25	14 23	1 52	20 11	15 57	20 33	20 53	19 53	6 51	5 50
S 18	0 50	4 11	4 27	7 21	1 55	16 22	1 34	20 57	1 13	13 44	0 57	16 5	2 16	23 51	0 25	14 22	1 52	20 10	15 57	20 35	20 53	19 54	6 52	5 49
S 19	0 26	0n56	4 54	6 40	1 54	16 47	1 37	20 49	1 14	13 40	0 57	16 4	2 16	23 51	0 24	14 22	1 52	20 10	15 57	20 37	20 54	19 56	6 53	5 49
M20	0 2	6 5	5 4	5 57	1 52	17 13	1 41	20 41	1 14	13 36	0 57	16 3	2 16	23 51	0 24	14 21	1 52	20 9	15 57	20 39	20 54	19 57	6 54	5 49
T 21	0s21	10 56	4 55	5 13	1 50	17 37	1 45	20 34	1 15	13 32	0 58	16 3	2 16	23 51	0 24	14 21	1 52	20 8	15 57	20 41	20 55	19 58	6 55	5 49
W22	0 45	15 12	4 27	4 29	1 47	18 2	1 48	20 26	1 16	13 28	0 58	16 2	2 16	23 51	0 24	14 21	1 52	20 7	15 57	20 42	20 56	19 59	6 56	5 48
T 23	1 9	18 34	3 43	3 44	1 44	18 26	1 52	20 18	1 17	13 24	0 58	16 1	2 17	23 51	0 24	14 20	1 52	20 7	15 57	20 43	20 56	20 1	6 57	5 48
F 24	1 33	20 46	2 45	2 59	1 40	18 49	1 55	20 10	1 17	13 20	0 58	16 0	2 17	23 51	0 24	14 20	1 52	20 6	15 58	20 44	20 57	20 2	6 58	5 48
S 25	1 57	21 39	1 37	2 14	1 36	19 13	1 58	20 2	1 18	13 16	0 58	16 0	2 17	23 51	0 24	14 20	1 52	20 5	15 58	20 44	20 57	20 3	6 59	5 48
S 26	2 21	21 11	0 25	1 28	1 31	19 35	2 2	19 54	1 19	13 13	0 58	15 59	2 17	23 51	0 24	14 19	1 52	20 5	15 58	20 44	20 58	20 4	7 0	5 47
M27	2 44	19 26	0n48	0 42	1 26	19 58	2 5	19 46	1 20	13 9	0 59	15 58	2 17	23 51	0 24	14 19	1 52	20 4	15 58	20 44	20 59	20 5	7 1	5 47
T 28	3 8	16 34	1 58	0s 4	1 21	20 19	2 8	19 37	1 20	13 5	0 59	15 57	2 17	23 51	0 24	14 18	1 52	20 3	15 59	20 44	20 59	20 7	7 2	5 47
W29	3 32	12 50	3 0	0 50	1 16	20 41	2 12	19 29	1 21	13 1	0 59	15 56	2 17	23 51	0 24	14 18	1 53	20 3	15 59	20 45	21 0	20 8	7 3	5 47
T 30	3s56	8n31	3n51	1s35	1n10	21s 1	2s15	19n20	1n22	12n57	0n59	15n55	2s17	23s51	0s24	14n17	1s53	20n 2	15n59	20n47	21n 0	20s 9	7s 3	5n46

Julian Day Number = 1989394.5, Delta T = 55m38s
Ecliptic obliquity = 23°36'06, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'52, Lahiri = 6°13'53 Julian Calendar 1 Sept. 734 == Greg. Calendar 5 Sept. 734

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ASTRODIENST EPHEMERIS for the year 734
geocentric

OCTOBER 734 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 50 46	10♎50'32	0♎39	8♎21	24♏56	9♑59	28♑48	20°R58	6♉36	13°R45	16♍29	27°R27	26♋23	19♐59	27°R18	F 1
S 2	0 54 43	11°50'25	13°35	10° 2	26° 4	10°34	29° 0	20♉55	6°37	13♉44	16°31	27♋15	26°20	20° 6	27♒16	S 2
S 3	0 58 39	12°50'21	26°17	11°42	27°13	11° 8	29°11	20°51	6°38	13°42	16°33	27° 2	26°17	20°13	27°14	S 3
M 4	1 2 36	13°50'18	8♏46	13°22	28°22	11°42	29°22	20°48	6°39	13°41	16°35	26°49	26°14	20°19	27°12	M 4
T 5	1 6 32	14°50'17	21° 0	15° 1	29°30	12°17	29°33	20°45	6°40	13°39	16°37	26°37	26°10	20°26	27°11	T 5
W 6	1 10 29	15°50'18	3♐ 3	16°40	0♐38	12°51	29°43	20°41	6°41	13°38	16°39	26°28	26° 7	20°33	27° 9	W 6
T 7	1 14 25	16°50'21	14°57	18°18	1°46	13°25	29°54	20°37	6°43	13°37	16°41	26°21	26° 4	20°39	27° 7	T 7
F 8	1 18 22	17°50'26	26°46	19°56	2°54	13°59	0♍ 5	20°34	6°44	13°35	16°43	26°17	26° 1	20°46	27° 6	F 8
S 9	1 22 19	18°50'32	8♑34	21°33	4° 2	14°32	0°15	20°30	6°45	13°34	16°45	26°15	25°58	20°53	27° 4	S 9
S 10	1 26 15	19°50'40	20°27	23°10	5°10	15° 6	0°26	20°26	6°47	13°32	16°47	26°15	25°55	20°59	27° 3	S 10
M11	1 30 12	20°50'50	2♒30	24°46	6°17	15°40	0°36	20°22	6°48	13°31	16°49	26°15	25°51	21° 6	27° 2	M11
T 12	1 34 8	21°51'01	14°49	26°22	7°25	16°13	0°47	20°18	6°49	13°29	16°51	26°14	25°48	21°13	27° 0	T 12
W13	1 38 5	22°51'13	27°28	27°57	8°32	16°47	0°57	20°14	6°51	13°27	16°53	26°11	25°45	21°19	26°59	W13
T 14	1 42 1	23°51'28	10♓33	29°32	9°39	17°20	1° 7	20°10	6°52	13°26	16°55	26° 6	25°42	21°26	26°58	T 14
F 15	1 45 58	24°51'43	24° 4	1♏ 7	10°46	17°53	1°17	20° 6	6°54	13°24	16°57	25°57	25°39	21°33	26°57	F 15
S 16	1 49 54	25°52'01	8♈ 1	2°41	11°53	18°26	1°27	20° 2	6°56	13°23	16°59	25°47	25°36	21°39	26°56	S 16
S 17	1 53 51	26°52'20	22°21	4°15	12°59	18°59	1°37	19°57	6°57	13°21	17° 1	25°35	25°32	21°46	26°54	S 17
M18	1 57 48	27°52'41	6♉59	5°48	14° 6	19°32	1°47	19°53	6°59	13°19	17° 3	25°23	25°29	21°53	26°53	M18
T 19	2 1 44	28°53'04	21°47	7°22	15°12	20° 5	1°56	19°49	7° 1	13°18	17° 4	25°12	25°26	21°59	26°52	T 19
W20	2 5 41	29°53'28	6♊35	8°54	16°18	20°38	2° 6	19°44	7° 3	13°16	17° 6	25° 3	25°23	22° 6	26°52	W20
T 21	2 9 37	0♏53'55	21°17	10°27	17°23	21°10	2°15	19°40	7° 5	13°15	17° 8	24°57	25°20	22°13	26°51	T 21
F 22	2 13 34	1°54'23	5♋46	11°59	18°29	21°43	2°25	19°35	7° 6	13°13	17°10	24°54	25°16	22°19	26°50	F 22
S 23	2 17 30	2°54'54	19°59	13°31	19°34	22°15	2°34	19°31	7° 8	13°11	17°12	24°53	25°13	22°26	26°49	S 23
S 24	2 21 27	3°55'26	3♌56	15° 3	20°39	22°47	2°43	19°26	7°10	13°10	17°13	24°53	25°10	22°33	26°49	S 24
M25	2 25 23	4°56'00	17°36	16°34	21°44	23°19	2°52	19°21	7°12	13° 8	17°15	24°53	25° 7	22°39	26°48	M25
T 26	2 29 20	5°56'36	1♍ 1	18° 5	22°49	23°51	3° 1	19°16	7°15	13° 6	17°17	24°51	25° 4	22°46	26°47	T 26
W27	2 33 17	6°57'14	14°12	19°36	23°53	24°23	3°10	19°12	7°17	13° 4	17°18	24°46	25° 1	22°53	26°47	W27
T 28	2 37 13	7°57'54	27°11	21° 7	24°57	24°55	3°18	19° 7	7°19	13° 3	17°20	24°38	24°57	22°59	26°46	T 28
F 29	2 41 10	8°58'35	9♎58	22°37	26° 1	25°26	3°27	19° 2	7°21	13° 1	17°22	24°28	24°54	23° 6	26°46	F 29
S 30	2 45 6	9°59'18	22°35	24° 7	27° 5	25°58	3°35	18°57	7°23	12°59	17°23	24°15	24°51	23°13	26°46	S 30
S 31	2 49 3	11♏ 0'02	5♏ 1	25♏36	28♐ 8	26♑29	3♍44	18♉52	7♑26	12♉58	17♍25	24♋ 1	24♋48	23♐19	26♒45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	4s19	3n51	4n29	2s21	1n 4	21s22	2s18	19n12	1n23	12n53	0n59	15n54	2s18	23s50	0s24	14n17	1s53	20n 1	15n59	20n49	21n 1	20s10	7s 4	5n46	F 1
S 2	4 43	0s54	4 52	3 6	0 58	21 41	2 21	19 3	1 24	12 50	0 59	15 53	2 18	23 50	0 24	14 17	1 53	20 1	15 59	20 51	21 2	20 11	7 5	5 46	S 2
S 3	5 6	5 33	5 1	3 51	0 52	22 1	2 24	18 54	1 24	12 46	0 59	15 53	2 18	23 50	0 24	14 16	1 53	20 0	16 0	20 54	21 2	20 13	7 6	5 46	S 3
M 4	5 30	9 52	4 54	4 36	0 46	22 19	2 27	18 45	1 25	12 42	1 0	15 52	2 18	23 50	0 24	14 16	1 53	20 0	16 0	20 56	21 3	20 14	7 7	5 45	M 4
T 5	5 53	13 43	4 34	5 21	0 40	22 37	2 30	18 36	1 26	12 39	1 0	15 51	2 18	23 50	0 24	14 15	1 53	19 59	16 0	20 58	21 4	20 15	7 8	5 45	T 5
W 6	6 16	16 57	4 2	6 5	0 33	22 55	2 33	18 27	1 27	12 35	1 0	15 50	2 18	23 50	0 24	14 15	1 53	19 58	16 1	21 0	21 4	20 16	7 9	5 45	W 6
T 7	6 40	19 26	3 20	6 49	0 27	23 12	2 36	18 18	1 28	12 31	1 0	15 48	2 18	23 50	0 24	14 14	1 53	19 58	16 1	21 2	21 5	20 17	7 9	5 44	T 7
F 8	7 3	21 4	2 29	7 32	0 20	23 28	2 38	18 9	1 28	12 28	1 0	15 47	2 18	23 50	0 24	14 14	1 53	19 57	16 1	21 2	21 5	20 19	7 10	5 44	F 8
S 9	7 26	21 47	1 32	8 15	0 13	23 44	2 41	18 0	1 29	12 24	1 1	15 46	2 18	23 50	0 24	14 13	1 53	19 57	16 1	21 3	21 6	20 20	7 11	5 44	S 9
S 10	7 49	21 32	0 31	8 57	0 7	23 59	2 44	17 51	1 30	12 20	1 1	15 45	2 18	23 50	0 24	14 13	1 53	19 56	16 2	21 3	21 7	20 21	7 12	5 43	S 10
M11	8 12	20 16	0s33	9 39	0 0	24 14	2 46	17 42	1 31	12 17	1 1	15 44	2 19	23 50	0 24	14 12	1 53	19 56	16 2	21 3	21 7	20 22	7 13	5 43	M11
T 12	8 34	18 2	1 37	10 21	0s 7	24 28	2 48	17 32	1 32	12 13	1 1	15 43	2 19	23 50	0 24	14 12	1 53	19 55	16 2	21 3	21 8	20 23	7 13	5 43	T 12
W13	8 57	14 53	2 37	11 1	0 13	24 41	2 51	17 23	1 33	12 10	1 1	15 42	2 19	23 50	0 24	14 11	1 53	19 55	16 3	21 3	21 8	20 24	7 14	5 43	W13
T 14	9 19	10 55	3 31	11 42	0 20	24 54	2 53	17 14	1 33	12 6	1 1	15 41	2 19	23 49	0 24	14 11	1 53	19 54	16 3	21 4	21 9	20 26	7 15	5 42	T 14
F 15	9 41	6 17	4 16	12 21	0 26	25 6	2 55	17 4	1 34	12 3	1 2	15 40	2 19	23 49	0 24	14 10	1 53	19 54	16 3	21 6	21 9	20 27	7 15	5 42	F 15
S 16	10 4	1 11	4 46	13 0	0 33	25 17	2 57	16 55	1 35	12 0	1 2	15 38	2 19	23 49	0 24	14 10	1 53	19 53	16 4	21 8	21 10	20 28	7 16	5 42	S 16
S 17	10 26	4n 7	5 0	13 38	0 40	25 28	2 59	16 45	1 36	11 56	1 2	15 37	2 19	23 49	0 24	14 9	1 53	19 53	16 4	21 10	21 11	20 29	7 17	5 41	S 17
M18	10 47	9 18	4 54	14 16	0 46	25 38	3 1	16 35	1 37	11 53	1 2	15 36	2 19	23 49	0 24	14 9	1 53	19 53	16 5	21 12	21 11	20 30	7 17	5 41	M18
T 19	11 9	14 0	4 29	14 53	0 52	25 48	3 2	16 26	1 38	11 50	1 2	15 35	2 19	23 49	0 24	14 8	1 53	19 52	16 5	21 14	21 12	20 31	7 18	5 41	T 19
W20	11 31	17 51	3 46	15 29	0 59	25 57	3 4	16 16	1 38	11 46	1 3	15 34	2 19	23 49	0 24	14 8	1 53	19 52	16 5	21 16	21 12	20 32	7 19	5 40	W20
T 21	11 52	20 31	2 48	16 5	1 5	26 5	3 6	16 6	1 39	11 43	1 3	15 32	2 19	23 49	0 24	14 7	1 53	19 52	16 6	21 17	21 13	20 34	7 19	5 40	T 21
F 22	12 13	21 49	1 39	16 39	1 11	26 12	3 7	15 57	1 40	11 40	1 3	15 31	2 19	23 49	0 24	14 7	1 53	19 51	16 6	21 18	21 14	20 35	7 20	5 40	F 22
S 23	12 34	21 40	0 26	17 13	1 17	26 19	3 8	15 47	1 41	11 37	1 3	15 30	2 19	23 48	0 24	14 6	1 53	19 51	16 6	21 18	21 14	20 36	7 21	5 39	S 23
S 24	12 55	20 10	0n48	17 46	1 22	26 25	3 9	15 37	1 42	11 34	1 3	15 29	2 19	23 48	0 24	14 6	1 53	19 51	16 7	21 18	21 15	20 37	7 21	5 39	S 24
M25	13 15	17 31	1 57	18 18	1 28	26 30	3 10	15 27	1 43	11 31	1 4	15 27	2 19	23 48	0 24	14 5	1 53	19 50	16 7	21 18	21 15	20 38	7 22	5 38	M25
T 26	13 36	13 58	2 59	18 50	1 33	26 35	3 11	15 17	1 44	11 28	1 4	15 26	2 19	23 48	0 24	14 5	1 53	19 50	16 8	21 18	21 16	20 39	7 22	5 38	T 26
W27	13 56	9 47	3 50	19 20	1 39	26 39	3 12	15 8	1 45	11 25	1 4	15 25	2 19	23 48	0 24	14 4	1 53	19 50	16 8	21 19	21 16	20 40	7 23	5 38	W27
T 28	14 16	5 13	4 28	19 49	1 44	26 43	3 13	14 58	1 46	11 22	1 4	15 23	2 19	23 48	0 24	14 4	1 53	19 49	16 9	21 21	21 17	20 41	7 23	5 37	T 28
F 29	14 35	0 29	4 52	20 18	1 49	26 45	3 13	14 48	1 46	11 19	1 5	15 22	2 19	23 48	0 24	14 3	1 53	19 49	16 9	21 22	21 18	20 42	7 24	5 37	F 29
S 30	14 55	4s12	5 1	20 45	1 53	26 47	3 13	14 38	1 47	11 16	1 5	15 21	2 19	23 48	0 24	14 3	1 53	19 49	16 9	21 25	21 18	20 44	7 24	5 37	S 30
S 31	15s14	8s38	4n55	21s12	1s58	26s49	3s14	14n28	1n48	11n13	1n 5	15n19	2s19	23s47	0s24	14n 2	1s53	19n49	16n10	21n27	21n19	20s45	7s24	5n36	S 31

Julian Day Number = 1989424.5, Delta T = 55m37s
Ecliptic obliquity = 23°36'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°06'56, Lahiri = 6°13'57 Julian Calendar 1 Oct. 734 == Greg. Calendar 5 Oct. 734

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NOVEMBER 734 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 52 59	12♏ 0'48	17♏17	27♏ 5	29♐11	27♌ 0	3♍52	18°R47	7♑28	12°R56	17♍26	23°R48	24♋45	23♐26	26°R45	M 1
T 2	2 56 56	13° 1'35	29°23	28°34	0♑14	27°31	4° 0	18♉43	7°30	12♉54	17°28	23♋35	24°41	23°33	26♒45	T 2
W 3	3 0 52	14° 2'24	11♐20	0♐ 2	1°16	28° 2	4° 8	18°38	7°33	12°53	17°29	23°26	24°38	23°39	26°45	W 3
T 4	3 4 49	15° 3'13	23°11	1°30	2°19	28°33	4°15	18°33	7°35	12°51	17°31	23°18	24°35	23°46	26°D45	T 4
F 5	3 8 46	16° 4'04	4♑58	2°57	3°20	29° 3	4°23	18°28	7°38	12°49	17°32	23°14	24°32	23°53	26°45	F 5
S 6	3 12 42	17° 4'56	16°44	4°24	4°22	29°34	4°31	18°23	7°40	12°47	17°33	23°12	24°29	23°59	26°45	S 6
S 7	3 16 39	18° 5'49	28°35	5°50	5°23	0♍ 4	4°38	18°18	7°43	12°46	17°35	23°D12	24°26	24° 6	26°45	S 7
M 8	3 20 35	19° 6'43	10♒35	7°15	6°23	0°34	4°45	18°13	7°45	12°44	17°36	23°13	24°22	24°13	26°45	M 8
T 9	3 24 32	20° 7'38	22°50	8°39	7°24	1° 4	4°52	18° 8	7°48	12°42	17°37	23°R13	24°19	24°19	26°46	T 9
W10	3 28 28	21° 8'33	5♓26	10° 2	8°23	1°34	4°59	18° 3	7°51	12°41	17°39	23°12	24°16	24°26	26°46	W10
T 11	3 32 25	22° 9'30	18°26	11°24	9°23	2° 4	5° 6	17°58	7°53	12°39	17°40	23° 9	24°13	24°33	26°46	T 11
F 12	3 36 21	23°10'27	1♈54	12°44	10°22	2°33	5°13	17°53	7°56	12°37	17°41	23° 3	24°10	24°39	26°47	F 12
S 13	3 40 18	24°11'25	15°53	14° 2	11°20	3° 2	5°19	17°48	7°59	12°36	17°42	22°55	24° 7	24°46	26°47	S 13
S 14	3 44 15	25°12'23	0♉19	15°19	12°18	3°31	5°26	17°43	8° 2	12°34	17°44	22°46	24° 3	24°53	26°48	S 14
M15	3 48 11	26°13'23	15° 9	16°33	13°15	4° 0	5°32	17°38	8° 5	12°32	17°45	22°37	24° 0	24°59	26°48	M15
T 16	3 52 8	27°14'24	0♊14	17°44	14°12	4°29	5°38	17°34	8° 7	12°31	17°46	22°28	23°57	25° 6	26°49	T 16
W17	3 56 4	28°15'25	15°24	18°53	15° 9	4°58	5°44	17°29	8°10	12°29	17°47	22°22	23°54	25°13	26°50	W17
T 18	4 0 1	29°16'28	0♋29	19°57	16° 4	5°26	5°50	17°24	8°13	12°28	17°48	22°17	23°51	25°19	26°51	T 18
F 19	4 3 57	0♐17'31	15°20	20°58	17° 0	5°54	5°55	17°19	8°16	12°26	17°49	22°D15	23°47	25°26	26°51	F 19
S 20	4 7 54	1°18'35	29°52	21°54	17°54	6°22	6° 1	17°14	8°19	12°24	17°50	22°15	23°44	25°33	26°52	S 20
S 21	4 11 50	2°19'41	14♌ 1	22°45	18°48	6°50	6° 6	17°10	8°22	12°23	17°51	22°16	23°41	25°39	26°53	S 21
M22	4 15 47	3°20'47	27°47	23°29	19°41	7°17	6°11	17° 5	8°25	12°21	17°52	22°R17	23°38	25°46	26°54	M22
T 23	4 19 44	4°21'55	11♍11	24° 6	20°34	7°45	6°16	17° 0	8°28	12°20	17°53	22°17	23°35	25°53	26°55	T 23
W24	4 23 40	5°23'03	24°15	24°36	21°26	8°12	6°21	16°56	8°31	12°18	17°53	22°15	23°32	25°59	26°56	W24
T 25	4 27 37	6°24'12	7♎ 2	24°57	22°17	8°39	6°25	16°51	8°35	12°17	17°54	22°11	23°28	26° 6	26°58	T 25
F 26	4 31 33	7°25'22	19°35	25° 8	23° 7	9° 6	6°30	16°47	8°38	12°15	17°55	22° 5	23°25	26°13	26°59	F 26
S 27	4 35 30	8°26'33	1♏56	25°R 8	23°57	9°32	6°34	16°42	8°41	12°14	17°56	21°57	23°22	26°19	27° 0	S 27
S 28	4 39 26	9°27'44	14° 7	24°58	24°46	9°58	6°38	16°38	8°44	12°12	17°56	21°49	23°19	26°26	27° 2	S 28
M29	4 43 23	10°28'56	26°10	24°36	25°33	10°24	6°42	16°34	8°47	12°11	17°57	21°41	23°16	26°33	27° 3	M29
T 30	4 47 19	11♐30'08	8♐ 7	24♐ 2	26♑20	10♍50	6♍46	16♉30	8♑50	12♉ 9	17♍58	21♋33	23♋13	26♐39	27♒ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s33	12s41	4n37	21s37	2s 2	26s50	3s14	14n18	1n49	11n10	1n 5	15n18	2s19	23s47	0s24	14n 2	1s53	19n49	16n10	21n29	21n19	20s46	7s25	5n36
T 2	15 51	16 10	4 5	22 1	2 6	26 50	3 13	14 8	1 50	11 8	1 5	15 17	2 19	23 47	0 24	14 1	1 53	19 48	16 11	21 32	21 20	20 47	7 25	5 36
W 3	16 10	18 56	3 23	22 24	2 9	26 49	3 13	13 58	1 51	11 5	1 6	15 16	2 19	23 47	0 24	14 1	1 53	19 48	16 11	21 33	21 20	20 48	7 26	5 35
T 4	16 28	20 53	2 33	22 46	2 13	26 48	3 13	13 48	1 52	11 2	1 6	15 14	2 19	23 47	0 24	14 0	1 53	19 48	16 12	21 34	21 21	20 49	7 26	5 35
F 5	16 46	21 55	1 36	23 6	2 15	26 46	3 12	13 39	1 53	11 0	1 6	15 13	2 19	23 47	0 24	14 0	1 53	19 48	16 12	21 35	21 22	20 50	7 26	5 35
S 6	17 3	21 59	0 34	23 26	2 18	26 43	3 12	13 29	1 54	10 57	1 6	15 12	2 19	23 47	0 24	13 59	1 53	19 48	16 13	21 35	21 22	20 51	7 27	5 34
S 7	17 20	21 3	0s29	23 43	2 20	26 40	3 11	13 19	1 55	10 55	1 7	15 10	2 19	23 46	0 24	13 59	1 53	19 48	16 13	21 35	21 23	20 52	7 27	5 34
M 8	17 37	19 10	1 32	24 0	2 22	26 36	3 10	13 9	1 56	10 52	1 7	15 9	2 19	23 46	0 24	13 58	1 53	19 48	16 14	21 35	21 23	20 53	7 27	5 33
T 9	17 54	16 23	2 32	24 15	2 23	26 32	3 8	12 59	1 57	10 50	1 7	15 8	2 19	23 46	0 24	13 58	1 53	19 48	16 14	21 35	21 24	20 54	7 27	5 33
W10	18 10	12 46	3 26	24 29	2 24	26 27	3 7	12 49	1 58	10 47	1 7	15 6	2 19	23 46	0 24	13 57	1 53	19 48	16 15	21 36	21 24	20 55	7 28	5 33
T 11	18 26	8 27	4 11	24 41	2 24	26 21	3 5	12 40	1 59	10 45	1 8	15 5	2 18	23 46	0 24	13 57	1 53	19 47	16 15	21 36	21 25	20 56	7 28	5 32
F 12	18 42	3 35	4 45	24 51	2 24	26 15	3 3	12 30	2 0	10 43	1 8	15 4	2 18	23 46	0 24	13 56	1 53	19 47	16 16	21 37	21 26	20 57	7 28	5 32
S 13	18 57	1n38	5 3	25 0	2 23	26 8	3 1	12 20	2 1	10 41	1 8	15 3	2 18	23 45	0 24	13 56	1 53	19 47	16 16	21 38	21 26	20 58	7 28	5 32
S 14	19 12	6 56	5 3	25 8	2 21	26 0	2 59	12 10	2 2	10 39	1 8	15 1	2 18	23 45	0 24	13 55	1 53	19 47	16 17	21 40	21 27	20 59	7 28	5 31
M15	19 26	11 59	4 42	25 13	2 19	25 52	2 57	12 1	2 3	10 37	1 9	15 0	2 18	23 45	0 24	13 55	1 53	19 48	16 17	21 41	21 27	21 0	7 29	5 31
T 16	19 41	16 23	4 2	25 17	2 16	25 44	2 54	11 51	2 4	10 35	1 9	14 59	2 18	23 45	0 24	13 54	1 53	19 48	16 18	21 43	21 28	21 1	7 29	5 31
W17	19 54	19 44	3 5	25 19	2 12	25 35	2 52	11 41	2 5	10 33	1 9	14 58	2 18	23 45	0 24	13 54	1 53	19 48	16 18	21 44	21 28	21 2	7 29	5 30
T 18	20 8	21 42	1 54	25 20	2 7	25 25	2 49	11 32	2 6	10 31	1 9	14 56	2 18	23 44	0 24	13 53	1 53	19 48	16 19	21 45	21 29	21 3	7 29	5 30
F 19	20 21	22 6	0 37	25 19	2 1	25 15	2 45	11 22	2 7	10 29	1 10	14 55	2 18	23 44	0 24	13 53	1 53	19 48	16 20	21 45	21 29	21 4	7 29	5 30
S 20	20 34	20 59	0n41	25 15	1 55	25 4	2 42	11 13	2 8	10 27	1 10	14 54	2 17	23 44	0 24	13 52	1 53	19 48	16 20	21 45	21 30	21 5	7 29	5 29
S 21	20 46	18 34	1 55	25 10	1 47	24 53	2 38	11 3	2 9	10 25	1 10	14 53	2 17	23 44	0 24	13 52	1 53	19 48	16 21	21 45	21 31	21 6	7 29	5 29
M22	20 58	15 8	3 0	25 4	1 37	24 42	2 34	10 54	2 10	10 24	1 11	14 52	2 17	23 44	0 24	13 52	1 53	19 48	16 21	21 45	21 31	21 7	7 29	5 28
T 23	21 10	11 0	3 53	24 55	1 27	24 29	2 30	10 45	2 11	10 22	1 11	14 50	2 17	23 43	0 24	13 51	1 53	19 48	16 22	21 45	21 32	21 8	7 29	5 28
W24	21 21	6 28	4 33	24 45	1 15	24 17	2 26	10 36	2 12	10 21	1 11	14 49	2 17	23 43	0 24	13 51	1 53	19 48	16 22	21 45	21 32	21 9	7 29	5 28
T 25	21 31	1 45	4 58	24 32	1 2	24 4	2 21	10 26	2 13	10 19	1 11	14 48	2 17	23 43	0 24	13 50	1 53	19 49	16 23	21 46	21 33	21 10	7 29	5 27
F 26	21 42	2s57	5 8	24 18	0 48	23 51	2 17	10 17	2 14	10 18	1 12	14 47	2 16	23 43	0 24	13 50	1 53	19 49	16 23	21 47	21 33	21 11	7 29	5 27
S 27	21 52	7 28	5 4	24 3	0 32	23 37	2 11	10 8	2 16	10 16	1 12	14 46	2 16	23 43	0 24	13 49	1 53	19 49	16 24	21 48	21 34	21 12	7 29	5 27
S 28	22 1	11 38	4 46	23 45	0 15	23 23	2 6	9 59	2 17	10 15	1 12	14 45	2 16	23 42	0 24	13 49	1 53	19 49	16 25	21 49	21 34	21 13	7 28	5 26
M29	22 10	15 18	4 15	23 26	0n 3	23 9	2 1	9 50	2 18	10 14	1 12	14 44	2 16	23 42	0 24	13 49	1 53	19 50	16 25	21 51	21 35	21 14	7 28	5 26
T 30	22s19	18s18	3n33	23s 6	0n22	22s54	1s55	9n42	2n19	10n13	1n13	14n43	2s16	23s42	0s24	13n48	1s52	19n50	16n26	21n52	21n35	21s15	7s28	5n26

Julian Day Number = 1989455.5, Delta T = 55m36s
Ecliptic obliquity = 23°36'06, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'00, Lahiri = 6°14'01 Julian Calendar 1 Nov. 734 == Greg. Calendar 5 Nov. 734

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ASTRODIENST EPHEMERIS for the year 734
geocentric

DECEMBER 734 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 51 16	12♐31'21	19♐58	23°R17	27♑ 6	11♍15	6♍50	16°R25	8♑54	12°R 8	17♍58	21°R27	23♋ 9	26♐46	27♒ 6	W 1
T 2	4 55 13	13°32'34	1♑47	22♐21	27°51	11°41	6°53	16♉21	8°57	12♉ 6	17°59	21♋23	23° 6	26°53	27° 7	T 2
F 3	4 59 9	14°33'48	13°34	21°15	28°35	12° 6	6°56	16°17	9° 0	12° 5	17°59	21°21	23° 3	26°59	27° 9	F 3
S 4	5 3 6	15°35'01	25°22	20° 2	29°18	12°30	6°59	16°13	9° 4	12° 4	18° 0	21°D21	23° 0	27° 6	27°11	S 4
S 5	5 7 2	16°36'15	7♒15	18°43	0♒ 0	12°55	7° 2	16° 9	9° 7	12° 2	18° 0	21°22	22°57	27°13	27°13	S 5
M 6	5 10 59	17°37'28	19°16	17°22	0°41	13°19	7° 5	16° 5	9°10	12° 1	18° 1	21°23	22°53	27°19	27°14	M 6
T 7	5 14 55	18°38'42	1♓30	16° 0	1°20	13°43	7° 7	16° 2	9°14	12° 0	18° 1	21°25	22°50	27°26	27°16	T 7
W 8	5 18 52	19°39'55	14° 2	14°41	1°58	14° 6	7°10	15°58	9°17	11°58	18° 2	21°R26	22°47	27°33	27°18	W 8
T 9	5 22 49	20°41'08	26°56	13°27	2°35	14°29	7°12	15°54	9°20	11°57	18° 2	21°26	22°44	27°39	27°20	T 9
F 10	5 26 45	21°42'20	10♈15	12°19	3°11	14°52	7°14	15°51	9°24	11°56	18° 2	21°25	22°41	27°46	27°22	F 10
S 11	5 30 42	22°43'33	24° 3	11°20	3°45	15°15	7°15	15°47	9°27	11°55	18° 2	21°22	22°38	27°53	27°24	S 11
S 12	5 34 38	23°44'45	8♉20	10°31	4°17	15°37	7°17	15°44	9°31	11°54	18° 3	21°19	22°34	27°59	27°26	S 12
M13	5 38 35	24°45'56	23° 2	9°52	4°48	15°59	7°18	15°41	9°34	11°52	18° 3	21°15	22°31	28° 6	27°28	M13
T 14	5 42 31	25°47'08	8♊ 5	9°23	5°18	16°21	7°20	15°37	9°38	11°51	18° 3	21°11	22°28	28°12	27°30	T 14
W15	5 46 28	26°48'19	23°20	9° 4	5°45	16°42	7°21	15°34	9°41	11°50	18° 3	21° 8	22°25	28°19	27°33	W15
T 16	5 50 24	27°49'30	8♋36	8°55	6°11	17° 3	7°21	15°31	9°45	11°49	18° 3	21° 6	22°22	28°26	27°35	T 16
F 17	5 54 21	28°50'41	23°44	8°D55	6°35	17°24	7°22	15°28	9°48	11°48	18° 3	21°D 6	22°19	28°32	27°37	F 17
S 18	5 58 18	29°51'52	8♌34	9° 3	6°58	17°44	7°22	15°26	9°52	11°47	18°R 3	21° 7	22°15	28°39	27°40	S 18
S 19	6 2 14	0♑53'02	23° 1	9°20	7°18	18° 4	7°23	15°23	9°55	11°46	18° 3	21° 8	22°12	28°46	27°42	S 19
M20	6 6 11	1°54'12	7♍ 1	9°43	7°36	18°24	7°R23	15°20	9°59	11°45	18° 3	21° 9	22° 9	28°52	27°44	M20
T 21	6 10 7	2°55'23	20°35	10°13	7°53	18°43	7°23	15°18	10° 2	11°44	18° 3	21°10	22° 6	28°59	27°47	T 21
W22	6 14 4	3°56'33	3♎43	10°49	8° 7	19° 2	7°22	15°15	10° 6	11°43	18° 3	21°R11	22° 3	29° 6	27°49	W22
T 23	6 18 0	4°57'42	16°29	11°30	8°19	19°20	7°22	15°13	10° 9	11°42	18° 3	21°10	21°59	29°12	27°52	T 23
F 24	6 21 57	5°58'52	28°57	12°16	8°29	19°38	7°21	15°11	10°13	11°41	18° 3	21° 9	21°56	29°19	27°55	F 24
S 25	6 25 53	7° 0'01	11♏10	13° 6	8°36	19°56	7°20	15° 9	10°16	11°41	18° 2	21° 7	21°53	29°26	27°57	S 25
S 26	6 29 50	8° 1'10	23°13	14° 0	8°41	20°13	7°19	15° 7	10°20	11°40	18° 2	21° 5	21°50	29°32	28° 0	S 26
M27	6 33 47	9° 2'18	5♐ 7	14°58	8°44	20°30	7°18	15° 5	10°23	11°39	18° 2	21° 3	21°47	29°39	28° 3	M27
T 28	6 37 43	10° 3'26	16°57	15°58	8°R44	20°46	7°16	15° 3	10°27	11°38	18° 1	21° 2	21°44	29°46	28° 6	T 28
W29	6 41 40	11° 4'34	28°45	17° 2	8°42	21° 2	7°14	15° 1	10°30	11°38	18° 1	21° 0	21°40	29°52	28° 8	W29
T 30	6 45 36	12° 5'40	10♑33	18° 8	8°37	21°17	7°12	15° 0	10°34	11°37	18° 1	21° 0	21°37	29°59	28°11	T 30
F 31	6 49 33	13♑ 6'46	22♑23	19♐16	8♒30	21♍32	7♍10	14♉58	10♑38	11♉36	18♍ 0	21°D 0	21♋34	0♑ 6	28♒14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s27	20s31	2n42	22s44	0n42	22s39	1s49	9n33	2n20	10n12	1n13	14n42	2s16	23s42	0s24	13n48	1s52	19n50	16n26	21n53	21n36	21s16	7s28	5n25
T 2	22 35	21 51	1 45	22 21	1 2	22 24	1 42	9 24	2 21	10 11	1 13	14 41	2 15	23 42	0 24	13 47	1 52	19 50	16 27	21 53	21 37	21 17	7 28	5 25
F 3	22 42	22 12	0 42	21 57	1 22	22 8	1 36	9 16	2 22	10 10	1 14	14 40	2 15	23 41	0 24	13 47	1 52	19 51	16 27	21 54	21 37	21 18	7 27	5 25
S 4	22 49	21 34	0s22	21 32	1 41	21 53	1 29	9 7	2 24	10 9	1 14	14 39	2 15	23 41	0 24	13 47	1 52	19 51	16 28	21 54	21 38	21 19	7 27	5 24
S 5	22 55	19 58	1 26	21 8	2 0	21 37	1 21	8 59	2 25	10 8	1 14	14 38	2 15	23 41	0 24	13 46	1 52	19 51	16 29	21 54	21 38	21 20	7 27	5 24
M 6	23 1	17 28	2 27	20 44	2 17	21 20	1 14	8 51	2 26	10 7	1 14	14 37	2 15	23 41	0 24	13 46	1 52	19 52	16 29	21 53	21 39	21 21	7 27	5 24
T 7	23 7	14 10	3 22	20 21	2 31	21 4	1 6	8 42	2 27	10 7	1 15	14 36	2 14	23 40	0 24	13 45	1 52	19 52	16 30	21 53	21 39	21 22	7 26	5 23
W 8	23 12	10 9	4 10	20 0	2 44	20 48	0 58	8 34	2 28	10 6	1 15	14 35	2 14	23 40	0 24	13 45	1 52	19 53	16 30	21 53	21 40	21 23	7 26	5 23
T 9	23 16	5 36	4 46	19 41	2 54	20 31	0 49	8 27	2 30	10 5	1 15	14 34	2 14	23 40	0 24	13 45	1 52	19 53	16 31	21 53	21 40	21 24	7 26	5 23
F 10	23 20	0 38	5 8	19 25	3 2	20 14	0 41	8 19	2 31	10 5	1 16	14 34	2 14	23 40	0 24	13 44	1 52	19 53	16 31	21 53	21 41	21 25	7 25	5 22
S 11	23 24	4n32	5 14	19 11	3 8	19 57	0 31	8 11	2 32	10 5	1 16	14 33	2 13	23 39	0 24	13 44	1 52	19 54	16 32	21 53	21 41	21 26	7 25	5 22
S 12	23 27	9 38	5 0	19 1	3 11	19 40	0 22	8 3	2 33	10 4	1 16	14 32	2 13	23 39	0 24	13 44	1 52	19 54	16 33	21 54	21 42	21 26	7 24	5 22
M13	23 30	14 21	4 27	18 55	3 12	19 24	0 12	7 56	2 35	10 4	1 16	14 31	2 13	23 39	0 24	13 44	1 52	19 55	16 33	21 55	21 42	21 27	7 24	5 22
T 14	23 32	18 16	3 35	18 51	3 11	19 7	0 2	7 49	2 36	10 4	1 17	14 31	2 13	23 39	0 24	13 43	1 52	19 55	16 34	21 55	21 43	21 28	7 24	5 21
W15	23 34	20 59	2 27	18 51	3 9	18 50	0n 8	7 41	2 37	10 4	1 17	14 30	2 13	23 38	0 24	13 43	1 52	19 56	16 34	21 56	21 43	21 29	7 23	5 21
T 16	23 35	22 11	1 8	18 53	3 5	18 33	0 19	7 34	2 38	10 4	1 17	14 29	2 12	23 38	0 24	13 43	1 52	19 56	16 35	21 56	21 44	21 30	7 23	5 21
F 17	23 36	21 44	0n15	18 58	3 0	18 16	0 30	7 27	2 40	10 4	1 18	14 29	2 12	23 38	0 24	13 42	1 52	19 57	16 35	21 56	21 44	21 31	7 22	5 20
S 18	23 36	19 46	1 35	19 5	2 54	18 0	0 41	7 21	2 41	10 4	1 18	14 28	2 12	23 38	0 24	13 42	1 52	19 57	16 36	21 56	21 45	21 32	7 22	5 20
S 19	23 36	16 34	2 47	19 14	2 47	17 43	0 53	7 14	2 42	10 4	1 18	14 28	2 12	23 37	0 24	13 42	1 52	19 58	16 37	21 56	21 45	21 33	7 21	5 20
M20	23 35	12 30	3 47	19 25	2 40	17 27	1 5	7 7	2 44	10 4	1 19	14 27	2 11	23 37	0 24	13 42	1 52	19 58	16 37	21 56	21 46	21 34	7 20	5 19
T 21	23 34	7 56	4 33	19 38	2 32	17 11	1 17	7 1	2 45	10 5	1 19	14 27	2 11	23 37	0 24	13 41	1 52	19 59	16 38	21 55	21 47	21 34	7 20	5 19
W22	23 33	3 8	5 2	19 51	2 24	16 55	1 30	6 55	2 46	10 5	1 19	14 26	2 11	23 37	0 24	13 41	1 51	19 59	16 38	21 55	21 47	21 35	7 19	5 19
T 23	23 30	1s40	5 15	20 5	2 15	16 39	1 43	6 49	2 48	10 6	1 19	14 26	2 10	23 36	0 24	13 41	1 51	20 0	16 39	21 55	21 48	21 36	7 19	5 19
F 24	23 28	6 17	5 14	20 20	2 6	16 24	1 56	6 43	2 49	10 6	1 20	14 25	2 10	23 36	0 24	13 41	1 51	20 0	16 39	21 56	21 48	21 37	7 18	5 18
S 25	23 25	10 34	4 57	20 36	1 57	16 9	2 10	6 37	2 50	10 7	1 20	14 25	2 10	23 36	0 24	13 41	1 51	20 1	16 40	21 56	21 49	21 38	7 17	5 18
S 26	23 21	14 22	4 28	20 52	1 47	15 54	2 24	6 32	2 52	10 7	1 20	14 25	2 10	23 36	0 24	13 40	1 51	20 2	16 41	21 56	21 49	21 39	7 17	5 18
M27	23 17	17 34	3 48	21 7	1 38	15 40	2 38	6 26	2 53	10 8	1 21	14 24	2 9	23 35	0 24	13 40	1 51	20 2	16 41	21 56	21 50	21 40	7 16	5 18
T 28	23 13	20 0	2 58	21 23	1 29	15 26	2 52	6 21	2 54	10 9	1 21	14 24	2 9	23 35	0 24	13 40	1 51	20 3	16 42	21 57	21 50	21 40	7 15	5 17
W29	23 8	21 35	2 0	21 39	1 19	15 12	3 7	6 16	2 56	10 10	1 21	14 24	2 9	23 35	0 24	13 40	1 51	20 4	16 42	21 57	21 51	21 41	7 15	5 17
T 30	23 3	22 13	0 58	21 54	1 10	14 59	3 21	6 11	2 57	10 11	1 21	14 24	2 9	23 34	0 24	13 40	1 51	20 4	16 43	21 57	21 51	21 42	7 14	5 17
F 31	22s57	21s51	0s 8	22s 9	1n 1	14s47	3n36	6n 7	2n59	10n12	1n22	14n24	2s 8	23s34	0s24	13n40	1s51	20n 5	16n43	21n57	21n52	21s43	7s13	5n17

Julian Day Number = 1989485.5, Delta T = 55m36s
Ecliptic obliquity = 23°36'06, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'05, Lahiri = 6°14'05 Julian Calendar 1 Dec. 734 == Greg. Calendar 5 Dec. 734

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ASTRODIENST EPHEMERIS for the year 735
geocentric

JANUARY 735 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 53 29	14♑ 7'51	4♒18	20♐26	8°R21	21♍46	7°R 8	14°R57	10♑41	11°R36	18°R 0	21♋ 0	21♋31	0♑12	28♒17	S 1
S 2	6 57 26	15° 8'55	16°19	21°38	8♒ 8	22° 0	7♍ 6	14♉56	10°45	11♉35	17♍59	21° 0	21°28	0°19	28°20	S 2
M 3	7 1 23	16° 9'58	28°29	22°52	7°54	22°13	7° 3	14°55	10°48	11°35	17°59	21° 1	21°25	0°26	28°23	M 3
T 4	7 5 19	17°11'00	10♓50	24° 8	7°36	22°26	7° 0	14°54	10°52	11°34	17°58	21° 1	21°21	0°32	28°26	T 4
W 5	7 9 16	18°12'01	23°26	25°25	7°17	22°38	6°57	14°53	10°55	11°34	17°57	21° 2	21°18	0°39	28°29	W 5
T 6	7 13 12	19°13'00	6♈20	26°43	6°55	22°50	6°54	14°52	10°59	11°33	17°57	21° 2	21°15	0°46	28°32	T 6
F 7	7 17 9	20°13'58	19°34	28° 3	6°31	23° 1	6°50	14°51	11° 2	11°33	17°56	21°R 2	21°12	0°52	28°35	F 7
S 8	7 21 5	21°14'55	3♉11	29°24	6° 4	23°12	6°47	14°51	11° 6	11°32	17°56	21°D 2	21° 9	0°59	28°39	S 8
S 9	7 25 2	22°15'50	17°12	0♑46	5°36	23°22	6°43	14°50	11° 9	11°32	17°55	21° 2	21° 5	1° 6	28°42	S 9
M10	7 28 58	23°16'44	1♊36	2° 9	5° 6	23°31	6°39	14°50	11°13	11°32	17°54	21° 2	21° 2	1°12	28°45	M10
T 11	7 32 55	24°17'36	16°20	3°33	4°34	23°40	6°35	14°50	11°16	11°31	17°53	21° 2	20°59	1°19	28°48	T 11
W12	7 36 52	25°18'28	1♋20	4°58	4° 0	23°48	6°31	14°D49	11°20	11°31	17°52	21° 3	20°56	1°26	28°52	W12
T 13	7 40 48	26°19'18	16°27	6°24	3°25	23°56	6°27	14°49	11°23	11°31	17°52	21°R 3	20°53	1°32	28°55	T 13
F 14	7 44 45	27°20'06	1♌33	7°51	2°50	24° 3	6°22	14°50	11°27	11°31	17°51	21° 3	20°50	1°39	28°58	F 14
S 15	7 48 41	28°20'53	16°28	9°19	2°13	24° 9	6°17	14°50	11°30	11°31	17°50	21° 2	20°46	1°45	29° 2	S 15
S 16	7 52 38	29°21'39	1♍ 4	10°48	1°36	24°15	6°12	14°50	11°34	11°31	17°49	21° 2	20°43	1°52	29° 5	S 16
M17	7 56 34	0♒22'24	15°17	12°17	0°59	24°20	6° 7	14°51	11°37	11°31	17°48	21° 1	20°40	1°59	29° 9	M17
T 18	8 0 31	1°23'07	29° 2	13°48	0°21	24°24	6° 2	14°51	11°40	11°D31	17°47	20°59	20°37	2° 5	29°12	T 18
W19	8 4 27	2°23'50	12♎20	15°19	29♑44	24°28	5°57	14°52	11°44	11°31	17°46	20°58	20°34	2°12	29°15	W19
T 20	8 8 24	3°24'31	25°13	16°52	29° 7	24°31	5°51	14°53	11°47	11°31	17°45	20°57	20°31	2°19	29°19	T 20
F 21	8 12 21	4°25'11	7♏44	18°25	28°31	24°34	5°46	14°54	11°50	11°31	17°44	20°D57	20°27	2°25	29°22	F 21
S 22	8 16 17	5°25'50	19°57	19°59	27°56	24°35	5°40	14°55	11°54	11°31	17°43	20°58	20°24	2°32	29°26	S 22
S 23	8 20 14	6°26'27	1♐56	21°34	27°23	24°36	5°34	14°56	11°57	11°31	17°42	20°59	20°21	2°39	29°30	S 23
M24	8 24 10	7°27'04	13°47	23° 9	26°50	24°R36	5°28	14°57	12° 0	11°31	17°40	21° 0	20°18	2°45	29°33	M24
T 25	8 28 7	8°27'39	25°35	24°46	26°20	24°35	5°22	14°58	12° 4	11°31	17°39	21° 2	20°15	2°52	29°37	T 25
W26	8 32 3	9°28'12	7♑22	26°23	25°51	24°34	5°15	15° 0	12° 7	11°32	17°38	21° 3	20°11	2°59	29°40	W26
T 27	8 36 0	10°28'44	19°12	28° 2	25°24	24°32	5° 9	15° 1	12°10	11°32	17°37	21°R 4	20° 8	3° 5	29°44	T 27
F 28	8 39 56	11°29'15	1♒ 8	29°41	24°59	24°29	5° 2	15° 3	12°13	11°32	17°36	21° 3	20° 5	3°12	29°48	F 28
S 29	8 43 53	12°29'44	13°12	1♒21	24°36	24°25	4°56	15° 5	12°17	11°32	17°34	21° 2	20° 2	3°19	29°51	S 29
S 30	8 47 50	13°30'11	25°27	3° 2	24°15	24°21	4°49	15° 7	12°20	11°33	17°33	20°59	19°59	3°25	29°55	S 30
M31	8 51 46	14♒30'36	7♓52	4♒44	23♑57	24♍16	4♍42	15♉ 9	12♑23	11♉33	17♍32	20♋56	19♋56	3♑32	29♒59	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s51	20s30	1s13	22s24	0n52	14s35	3n51	6n 2	3n 0	10n13	1n22	14n23	2s 8	23s34	0s24	13n39	1s51	20n 6	16n44	21n57	21n52	21s44	7s12	5n16	S 1
S 2	22 44	18 13	2 16	22 38	0 43	14 24	4 6	5 58	3 2	10 14	1 22	14 23	2 8	23 34	0 24	13 39	1 51	20 6	16 44	21 57	21 53	21 44	7 11	5 16	S 2
M 3	22 37	15 6	3 14	22 51	0 34	14 13	4 21	5 54	3 3	10 16	1 23	14 23	2 7	23 33	0 24	13 39	1 51	20 7	16 45	21 57	21 53	21 45	7 11	5 16	M 3
T 4	22 29	11 18	4 3	23 3	0 25	14 3	4 36	5 51	3 4	10 17	1 23	14 23	2 7	23 33	0 24	13 39	1 51	20 8	16 45	21 57	21 54	21 46	7 10	5 16	T 4
W 5	22 21	6 56	4 42	23 15	0 16	13 53	4 51	5 47	3 6	10 18	1 23	14 23	2 7	23 33	0 24	13 39	1 51	20 8	16 46	21 57	21 54	21 47	7 9	5 15	W 5
T 6	22 13	2 11	5 8	23 26	0 8	13 45	5 5	5 44	3 7	10 20	1 23	14 23	2 7	23 33	0 24	13 39	1 51	20 9	16 47	21 57	21 55	21 48	7 8	5 15	T 6
F 7	22 4	2n48	5 18	23 35	0s 0	13 36	5 20	5 41	3 9	10 21	1 24	14 23	2 6	23 32	0 24	13 39	1 51	20 10	16 47	21 57	21 55	21 48	7 7	5 15	F 7
S 8	21 55	7 47	5 11	23 44	0 8	13 29	5 34	5 38	3 10	10 23	1 24	14 24	2 6	23 32	0 24	13 39	1 50	20 11	16 48	21 57	21 56	21 49	7 6	5 15	S 8
S 9	21 45	12 31	4 46	23 52	0 16	13 22	5 48	5 35	3 12	10 24	1 24	14 24	2 6	23 32	0 24	13 39	1 50	20 11	16 48	21 57	21 56	21 50	7 5	5 14	S 9
M10	21 35	16 40	4 2	23 59	0 24	13 16	6 2	5 33	3 13	10 26	1 24	14 24	2 5	23 31	0 24	13 39	1 50	20 12	16 49	21 57	21 57	21 51	7 5	5 14	M10
T 11	21 24	19 53	3 1	24 4	0 31	13 11	6 15	5 30	3 15	10 28	1 25	14 24	2 5	23 31	0 24	13 39	1 50	20 13	16 49	21 57	21 57	21 52	7 4	5 14	T 11
W12	21 13	21 48	1 48	24 9	0 38	13 7	6 27	5 28	3 16	10 30	1 25	14 24	2 5	23 31	0 24	13 39	1 50	20 14	16 50	21 57	21 58	21 52	7 3	5 14	W12
T 13	21 2	22 9	0 26	24 12	0 45	13 3	6 39	5 27	3 18	10 32	1 25	14 25	2 5	23 31	0 24	13 39	1 50	20 14	16 50	21 56	21 58	21 53	7 2	5 14	T 13
F 14	20 50	20 54	0n58	24 14	0 52	13 0	6 50	5 25	3 19	10 34	1 25	14 25	2 4	23 30	0 24	13 39	1 50	20 15	16 51	21 57	21 59	21 54	7 1	5 13	F 14
S 15	20 38	18 11	2 17	24 15	0 59	12 58	7 1	5 24	3 21	10 36	1 26	14 25	2 4	23 30	0 24	13 39	1 50	20 16	16 51	21 57	21 59	21 55	7 0	5 13	S 15
S 16	20 25	14 21	3 25	24 14	1 5	12 56	7 11	5 23	3 22	10 38	1 26	14 26	2 4	23 30	0 24	13 39	1 50	20 17	16 51	21 57	22 0	21 55	6 59	5 13	S 16
M17	20 12	9 48	4 18	24 12	1 11	12 55	7 20	5 22	3 23	10 40	1 26	14 26	2 3	23 29	0 24	13 39	1 50	20 18	16 52	21 57	22 0	21 56	6 58	5 13	M17
T 18	19 59	4 53	4 55	24 9	1 17	12 55	7 28	5 22	3 25	10 42	1 26	14 27	2 3	23 29	0 24	13 39	1 50	20 18	16 52	21 57	22 1	21 57	6 57	5 13	T 18
W19	19 46	0s 6	5 14	24 4	1 22	12 56	7 35	5 22	3 26	10 44	1 27	14 27	2 3	23 29	0 24	13 39	1 50	20 19	16 53	21 57	22 1	21 58	6 56	5 13	W19
T 20	19 32	4 55	5 17	23 58	1 27	12 57	7 41	5 22	3 28	10 46	1 27	14 28	2 3	23 29	0 24	13 39	1 50	20 20	16 53	21 57	22 1	21 58	6 55	5 12	T 20
F 21	19 17	9 23	5 4	23 51	1 32	12 58	7 47	5 22	3 29	10 49	1 27	14 28	2 2	23 28	0 24	13 39	1 50	20 21	16 54	21 57	22 2	21 59	6 54	5 12	F 21
S 22	19 2	13 23	4 38	23 42	1 37	13 1	7 51	5 23	3 31	10 51	1 27	14 29	2 2	23 28	0 24	13 39	1 50	20 22	16 54	21 57	22 2	22 0	6 52	5 12	S 22
S 23	18 47	16 46	4 0	23 32	1 41	13 4	7 55	5 24	3 32	10 53	1 28	14 29	2 2	23 28	0 24	13 39	1 49	20 23	16 55	21 57	22 3	22 0	6 51	5 12	S 23
M24	18 32	19 26	3 12	23 20	1 45	13 7	7 58	5 25	3 33	10 56	1 28	14 30	2 1	23 27	0 24	13 39	1 49	20 23	16 55	21 57	22 3	22 1	6 50	5 12	M24
T 25	18 16	21 15	2 17	23 6	1 49	13 11	7 59	5 27	3 35	10 58	1 28	14 31	2 1	23 27	0 24	13 40	1 49	20 24	16 55	21 57	22 4	22 2	6 49	5 12	T 25
W26	18 0	22 9	1 15	22 51	1 52	13 15	8 0	5 29	3 36	11 1	1 28	14 31	2 1	23 27	0 24	13 40	1 49	20 25	16 56	21 56	22 4	22 3	6 48	5 12	W26
T 27	17 44	22 3	0 10	22 34	1 55	13 20	8 0	5 31	3 38	11 3	1 28	14 32	2 0	23 27	0 24	13 40	1 49	20 26	16 56	21 56	22 5	22 3	6 47	5 11	T 27
F 28	17 27	20 57	0s55	22 16	1 58	13 25	8 0	5 33	3 39	11 6	1 29	14 33	2 0	23 26	0 24	13 40	1 49	20 27	16 57	21 56	22 5	22 4	6 46	5 11	F 28
S 29	17 10	18 52	1 59	21 56	2 0	13 30	7 58	5 36	3 40	11 9	1 29	14 34	2 0	23 26	0 24	13 40	1 49	20 28	16 57	21 57	22 6	22 5	6 45	5 11	S 29
S 30	16 53	15 55	2 58	21 35	2 2	13 36	7 56	5 39	3 41	11 11	1 29	14 34	2 0	23 26	0 24	13 40	1 49	20 28	16 57	21 57	22 6	22 5	6 43	5 11	S 30
M31	16s35	12s14	3s50	21s12	2s 3	13s41	7n53	5n42	3n43	11n14	1n29	14n35	1s59	23s25	0s24	13n41	1s49	20n29	16n58	21n58	22n 7	22s 6	6s42	5n11	M31

Julian Day Number = 1989516.5, Delta T = 55m35s
Ecliptic obliquity = 23°36'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'09, Lahiri = 6°14'09 Julian Calendar 1 Jan. 735 == Greg. Calendar 5 Jan. 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

FEBRUARY 735 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 55 43	15♒31'00	20♓30	6♒27	23°R42	24°R10	4°R35	15♉11	12♊26	11♉34	17°R31	20°R52	19♋52	3♊39	0♓ 2	T 1
W 2	8 59 39	16°31'21	3♈20	8°11	23♊28	24♍ 3	4♍28	15°13	12°29	11°34	17♍29	20♋48	19°49	3°45	0° 6	W 2
T 3	9 3 36	17°31'41	16°25	9°56	23°17	23°55	4°21	15°16	12°32	11°35	17°28	20°44	19°46	3°52	0°10	T 3
F 4	9 7 32	18°31'58	29°44	11°42	23° 9	23°47	4°14	15°18	12°35	11°35	17°26	20°41	19°43	3°59	0°13	F 4
S 5	9 11 29	19°32'14	13♉19	13°29	23° 3	23°38	4° 6	15°21	12°38	11°36	17°25	20°D40	19°40	4° 5	0°17	S 5
S 6	9 15 25	20°32'27	27°10	15°17	23° 0	23°28	3°59	15°23	12°41	11°37	17°24	20°40	19°36	4°12	0°21	S 6
M 7	9 19 22	21°32'38	11♊18	17° 6	22°D59	23°17	3°51	15°26	12°44	11°37	17°22	20°41	19°33	4°18	0°25	M 7
T 8	9 23 18	22°32'48	25°40	18°56	23° 0	23° 6	3°44	15°29	12°47	11°38	17°21	20°43	19°30	4°25	0°28	T 8
W 9	9 27 15	23°32'55	10♋16	20°47	23° 4	22°54	3°36	15°32	12°50	11°39	17°19	20°44	19°27	4°32	0°32	W 9
T 10	9 31 12	24°32'59	24°59	22°39	23°10	22°41	3°29	15°35	12°53	11°39	17°18	20°R44	19°24	4°38	0°36	T 10
F 11	9 35 8	25°33'02	9♌45	24°32	23°18	22°27	3°21	15°38	12°56	11°40	17°16	20°43	19°21	4°45	0°40	F 11
S 12	9 39 5	26°33'03	24°26	26°26	23°29	22°13	3°13	15°42	12°58	11°41	17°15	20°40	19°17	4°52	0°44	S 12
S 13	9 43 1	27°33'01	8♍56	28°21	23°41	21°58	3° 6	15°45	13° 1	11°42	17°13	20°35	19°14	4°58	0°47	S 13
M14	9 46 58	28°32'58	23° 7	0♓17	23°56	21°42	2°58	15°48	13° 4	11°43	17°12	20°29	19°11	5° 5	0°51	M14
T 15	9 50 54	29°32'53	6♎55	2°14	24°13	21°25	2°50	15°52	13° 7	11°44	17°10	20°23	19° 8	5°12	0°55	T 15
W16	9 54 51	0♓32'46	20°19	4°11	24°32	21° 8	2°42	15°56	13° 9	11°45	17° 9	20°17	19° 5	5°18	0°59	W16
T 17	9 58 47	1°32'37	3♏17	6° 8	24°52	20°51	2°35	15°59	13°12	11°46	17° 7	20°12	19° 2	5°25	1° 3	T 17
F 18	10 2 44	2°32'27	15°52	8° 7	25°15	20°32	2°27	16° 3	13°15	11°47	17° 6	20° 8	18°58	5°32	1° 6	F 18
S 19	10 6 41	3°32'14	28° 8	10° 5	25°39	20°13	2°19	16° 7	13°17	11°48	17° 4	20° 7	18°55	5°38	1°10	S 19
S 20	10 10 37	4°32'01	10♐10	12° 3	26° 5	19°54	2°11	16°11	13°20	11°49	17° 2	20°D 7	18°52	5°45	1°14	S 20
M21	10 14 34	5°31'45	22° 1	14° 2	26°33	19°34	2° 3	16°15	13°22	11°50	17° 1	20° 8	18°49	5°52	1°18	M21
T 22	10 18 30	6°31'27	3♑48	16° 0	27° 2	19°13	1°56	16°20	13°25	11°51	16°59	20° 9	18°46	5°58	1°21	T 22
W23	10 22 27	7°31'08	15°37	17°57	27°33	18°52	1°48	16°24	13°27	11°52	16°57	20°R10	18°42	6° 5	1°25	W23
T 24	10 26 23	8°30'47	27°30	19°52	28° 5	18°31	1°40	16°28	13°30	11°53	16°56	20°10	18°39	6°12	1°29	T 24
F 25	10 30 20	9°30'24	9♒33	21°47	28°39	18° 9	1°32	16°33	13°32	11°54	16°54	20° 8	18°36	6°18	1°33	F 25
S 26	10 34 16	10°29'59	21°47	23°39	29°14	17°47	1°25	16°37	13°34	11°56	16°53	20° 4	18°33	6°25	1°37	S 26
S 27	10 38 13	11°29'32	4♓17	25°30	29°50	17°25	1°17	16°42	13°37	11°57	16°51	19°57	18°30	6°31	1°40	S 27
M28	10 42 10	12♓29'03	17♓ 1	27♓17	0♒28	17♍ 2	1♍10	16♉47	13♊39	11♉58	16♍49	19♋49	18♋27	6♊38	1♓44	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s18	7s56	4s31	20s47	2s 4	13s47	7n50	5n45	3n44	11n17	1n29	14n36	1s59	23s25	0s24	13n41	1s49	20n30	16n58	21n58	22n 7	22s 7	6s41	5n11
W 2	15 59	3 14	5 0	20 21	2 5	13 54	7 46	5 49	3 45	11 19	1 29	14 37	1 59	23 25	0 24	13 41	1 49	20 31	16 58	21 59	22 8	22 7	6 40	5 11
T 3	15 41	1n41	5 13	19 53	2 5	14 0	7 41	5 53	3 46	11 22	1 30	14 38	1 58	23 25	0 24	13 41	1 49	20 32	16 59	21 59	22 8	22 8	6 39	5 11
F 4	15 22	6 37	5 10	19 23	2 5	14 6	7 36	5 57	3 47	11 25	1 30	14 39	1 58	23 24	0 24	13 41	1 49	20 33	16 59	22 0	22 9	22 9	6 38	5 10
S 5	15 4	11 20	4 50	18 52	2 4	14 13	7 30	6 2	3 48	11 28	1 30	14 40	1 58	23 24	0 24	13 42	1 49	20 33	16 59	22 0	22 9	22 9	6 36	5 10
S 6	14 44	15 34	4 13	18 19	2 3	14 19	7 24	6 7	3 49	11 31	1 30	14 41	1 58	23 24	0 24	13 42	1 49	20 34	17 0	22 0	22 9	22 10	6 35	5 10
M 7	14 25	19 0	3 20	17 44	2 1	14 26	7 18	6 12	3 50	11 34	1 30	14 42	1 57	23 24	0 24	13 42	1 48	20 35	17 0	22 0	22 10	22 11	6 34	5 10
T 8	14 6	21 19	2 13	17 8	1 59	14 32	7 11	6 17	3 51	11 36	1 30	14 43	1 57	23 23	0 24	13 42	1 48	20 36	17 0	22 0	22 10	22 11	6 33	5 10
W 9	13 46	22 15	0 57	16 30	1 57	14 39	7 4	6 23	3 52	11 39	1 30	14 44	1 57	23 23	0 24	13 43	1 48	20 37	17 0	21 59	22 11	22 12	6 31	5 10
T 10	13 26	21 40	0n23	15 50	1 53	14 45	6 57	6 29	3 53	11 42	1 31	14 46	1 56	23 23	0 24	13 43	1 48	20 38	17 1	21 59	22 11	22 12	6 30	5 10
F 11	13 5	19 34	1 42	15 9	1 50	14 51	6 49	6 35	3 53	11 45	1 31	14 47	1 56	23 23	0 25	13 43	1 48	20 38	17 1	22 0	22 12	22 13	6 29	5 10
S 12	12 45	16 11	2 54	14 26	1 45	14 57	6 41	6 41	3 54	11 48	1 31	14 48	1 56	23 22	0 25	13 44	1 48	20 39	17 1	22 0	22 12	22 14	6 28	5 10
S 13	12 24	11 52	3 53	13 42	1 41	15 3	6 33	6 48	3 55	11 51	1 31	14 49	1 56	23 22	0 25	13 44	1 48	20 40	17 1	22 1	22 13	22 14	6 26	5 10
M14	12 3	6 58	4 36	12 56	1 35	15 9	6 25	6 55	3 55	11 54	1 31	14 51	1 55	23 22	0 25	13 44	1 48	20 41	17 2	22 2	22 13	22 15	6 25	5 10
T 15	11 42	1 51	5 2	12 8	1 29	15 14	6 16	7 2	3 56	11 57	1 31	14 52	1 55	23 22	0 25	13 45	1 48	20 42	17 2	22 3	22 14	22 15	6 24	5 10
W16	11 21	3s12	5 11	11 20	1 23	15 20	6 8	7 9	3 56	12 0	1 31	14 53	1 55	23 21	0 25	13 45	1 48	20 43	17 2	22 4	22 14	22 16	6 22	5 10
T 17	11 0	7 57	5 3	10 29	1 16	15 24	5 59	7 16	3 56	12 3	1 31	14 54	1 55	23 21	0 25	13 45	1 48	20 43	17 2	22 4	22 14	22 17	6 21	5 10
F 18	10 38	12 14	4 40	9 38	1 8	15 29	5 51	7 24	3 57	12 5	1 31	14 56	1 54	23 21	0 25	13 46	1 48	20 44	17 3	22 5	22 15	22 17	6 20	5 10
S 19	10 17	15 54	4 5	8 45	0 59	15 33	5 42	7 31	3 57	12 8	1 31	14 57	1 54	23 21	0 25	13 46	1 48	20 45	17 3	22 5	22 15	22 18	6 19	5 10
S 20	9 55	18 50	3 20	7 52	0 50	15 37	5 33	7 39	3 57	12 11	1 31	14 59	1 54	23 20	0 25	13 46	1 48	20 46	17 3	22 5	22 16	22 18	6 17	5 10
M21	9 33	20 55	2 27	6 57	0 41	15 41	5 24	7 47	3 57	12 14	1 31	15 0	1 54	23 20	0 25	13 47	1 48	20 47	17 3	22 5	22 16	22 19	6 16	5 10
T 22	9 11	22 5	1 28	6 2	0 31	15 44	5 15	7 55	3 57	12 17	1 31	15 1	1 53	23 20	0 25	13 47	1 48	20 47	17 3	22 5	22 17	22 20	6 15	5 10
W23	8 48	22 16	0 25	5 6	0 20	15 47	5 6	8 3	3 56	12 20	1 32	15 3	1 53	23 20	0 25	13 48	1 47	20 48	17 3	22 5	22 17	22 20	6 13	5 10
T 24	8 26	21 27	0s40	4 11	0 9	15 49	4 57	8 11	3 56	12 23	1 32	15 4	1 53	23 19	0 25	13 48	1 47	20 49	17 3	22 5	22 18	22 21	6 12	5 10
F 25	8 3	19 38	1 43	3 15	0n 2	15 52	4 49	8 20	3 56	12 25	1 32	15 6	1 53	23 19	0 25	13 49	1 47	20 50	17 4	22 5	22 18	22 21	6 11	5 9
S 26	7 41	16 53	2 42	2 19	0 14	15 53	4 40	8 28	3 55	12 28	1 32	15 8	1 52	23 19	0 25	13 49	1 47	20 50	17 4	22 6	22 18	22 22	6 9	5 10
S 27	7 18	13 20	3 35	1 24	0 26	15 54	4 31	8 36	3 55	12 31	1 32	15 9	1 52	23 19	0 25	13 49	1 47	20 51	17 4	22 6	22 19	22 22	6 8	5 10
M28	6s55	9s 7	4s18	0s30	0n39	15s55	4n22	8n44	3n54	12n34	1n32	15n11	1s52	23s19	0s25	13n50	1s47	20n52	17n 4	22n 8	22n19	22s23	6s 7	5n10

Julian Day Number = 1989547.5, Delta T = 55m34s
Ecliptic obliquity = 23°36'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'13, Lahiri = 6°14'14 Julian Calendar 1 Feb. 735 == Greg. Calendar 5 Feb. 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

MARCH 735 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 46 6	13♓28'31	29♓59	29♓ 2	1♒ 7	16°R39	1°R 2	16♉52	13♑41	12♉ 0	16°R48	19°R39	18♋23	6♑45	1♓48	T 1
W 2	10 50 3	14°27'58	13♈13	0♈42	1°46	16♍16	0♍55	16°57	13°43	12° 1	16♍46	19♋29	18°20	6°51	1°51	W 2
T 3	10 53 59	15°27'22	26°38	2°19	2°27	15°53	0°47	17° 2	13°45	12° 2	16°44	19°20	18°17	6°58	1°55	T 3
F 4	10 57 56	16°26'44	10♉15	3°51	3° 9	15°29	0°40	17° 7	13°47	12° 4	16°43	19°13	18°14	7° 5	1°59	F 4
S 5	11 1 52	17°26'04	24° 1	5°19	3°52	15° 6	0°33	17°12	13°49	12° 5	16°41	19° 9	18°11	7°11	2° 3	S 5
S 6	11 5 49	18°25'21	7♊55	6°41	4°36	14°43	0°26	17°17	13°51	12° 7	16°39	19° 6	18° 8	7°18	2° 6	S 6
M 7	11 9 45	19°24'36	21°57	7°57	5°21	14°19	0°18	17°22	13°53	12° 8	16°38	19°D 6	18° 4	7°25	2°10	M 7
T 8	11 13 42	20°23'49	6♋ 6	9° 8	6° 7	13°56	0°11	17°28	13°55	12°10	16°36	19° 6	18° 1	7°31	2°14	T 8
W 9	11 17 39	21°22'59	20°20	10°12	6°54	13°33	0° 5	17°33	13°57	12°11	16°34	19°R 7	17°58	7°38	2°17	W 9
T 10	11 21 35	22°22'07	4♌38	11°10	7°41	13°10	29♌58	17°39	13°59	12°13	16°33	19° 6	17°55	7°45	2°21	T 10
F 11	11 25 32	23°21'12	18°57	12° 2	8°30	12°48	29°51	17°44	14° 1	12°14	16°31	19° 2	17°52	7°51	2°24	F 11
S 12	11 29 28	24°20'15	3♍13	12°47	9°19	12°26	29°45	17°50	14° 2	12°16	16°29	18°57	17°48	7°58	2°28	S 12
S 13	11 33 25	25°19'16	17°21	13°25	10° 8	12° 4	29°38	17°56	14° 4	12°18	16°28	18°48	17°45	8° 5	2°32	S 13
M14	11 37 21	26°18'15	1♎16	13°56	10°59	11°42	29°32	18° 2	14° 6	12°19	16°26	18°38	17°42	8°11	2°35	M14
T 15	11 41 18	27°17'11	14°54	14°20	11°50	11°21	29°26	18° 7	14° 7	12°21	16°25	18°26	17°39	8°18	2°39	T 15
W16	11 45 14	28°16'06	28°12	14°37	12°42	11° 0	29°19	18°13	14° 9	12°23	16°23	18°15	17°36	8°24	2°42	W16
T 17	11 49 11	29°14'59	11♏ 8	14°47	13°34	10°40	29°13	18°19	14°10	12°25	16°21	18° 6	17°33	8°31	2°46	T 17
F 18	11 53 7	0♈13'49	23°43	14°R51	14°28	10°20	29° 8	18°25	14°12	12°26	16°20	17°58	17°29	8°38	2°49	F 18
S 19	11 57 4	1°12'39	6♐ 0	14°48	15°21	10° 0	29° 2	18°32	14°13	12°28	16°18	17°53	17°26	8°44	2°52	S 19
S 20	12 1 1	2°11'26	18° 3	14°38	16°16	9°42	28°56	18°38	14°15	12°30	16°17	17°50	17°23	8°51	2°56	S 20
M21	12 4 57	3°10'11	29°55	14°23	17°10	9°23	28°51	18°44	14°16	12°32	16°15	17°D49	17°20	8°58	2°59	M21
T 22	12 8 54	4° 8'55	11♑44	14° 2	18° 6	9° 6	28°46	18°50	14°17	12°33	16°13	17°R49	17°17	9° 4	3° 3	T 22
W23	12 12 50	5° 7'37	23°33	13°36	19° 2	8°49	28°40	18°57	14°18	12°35	16°12	17°49	17°13	9°11	3° 6	W23
T 24	12 16 47	6° 6'17	5♒29	13° 6	19°58	8°32	28°35	19° 3	14°19	12°37	16°10	17°48	17°10	9°18	3° 9	T 24
F 25	12 20 43	7° 4'56	17°36	12°32	20°55	8°17	28°31	19°10	14°21	12°39	16° 9	17°45	17° 7	9°24	3°13	F 25
S 26	12 24 40	8° 3'32	29°59	11°55	21°52	8° 2	28°26	19°16	14°22	12°41	16° 7	17°39	17° 4	9°31	3°16	S 26
S 27	12 28 36	9° 2'07	12♓39	11°15	22°50	7°48	28°21	19°23	14°23	12°43	16° 6	17°30	17° 1	9°38	3°19	S 27
M28	12 32 33	10° 0'40	25°40	10°33	23°48	7°34	28°17	19°29	14°24	12°45	16° 4	17°19	16°58	9°44	3°22	M28
T 29	12 36 30	10°59'11	9♈ 0	9°51	24°46	7°22	28°13	19°36	14°25	12°47	16° 3	17° 7	16°54	9°51	3°26	T 29
W30	12 40 26	11°57'40	22°37	9° 9	25°45	7°10	28° 9	19°43	14°25	12°49	16° 1	16°55	16°51	9°57	3°29	W30
T 31	12 44 23	12♈56'07	6♉28	8♈27	26♒44	6♍58	28♌ 5	19♉50	14♑26	12♉51	16♍ 0	16♋43	16♋48	10♑ 4	3♓32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s32	4s24	4s48	0n24	0n51	15s56	4n13	8n53	3n53	12n36	1n32	15n12	1s52	23s18	0s25	13n50	1s47	20n53	17n 4	22n 9	22n20	22s23	6s 5	5n10
W 2	6 9	0n35	5 4	1 16	1 4	15 55	4 5	9 1	3 52	12 39	1 32	15 14	1 51	23 18	0 25	13 51	1 47	20 53	17 4	22 11	22 20	22 24	6 4	5 10
T 3	5 46	5 38	5 3	2 6	1 17	15 55	3 56	9 9	3 51	12 42	1 32	15 16	1 51	23 18	0 25	13 51	1 47	20 54	17 4	22 12	22 21	22 24	6 3	5 10
F 4	5 23	10 28	4 45	2 54	1 29	15 54	3 47	9 17	3 50	12 44	1 32	15 17	1 51	23 18	0 25	13 52	1 47	20 55	17 4	22 13	22 21	22 25	6 1	5 10
S 5	5 0	14 51	4 11	3 40	1 41	15 52	3 39	9 25	3 49	12 47	1 31	15 19	1 51	23 18	0 25	13 52	1 47	20 56	17 4	22 13	22 22	22 25	6 0	5 10
S 6	4 37	18 27	3 22	4 24	1 53	15 50	3 30	9 33	3 48	12 49	1 31	15 21	1 50	23 17	0 25	13 53	1 47	20 56	17 4	22 14	22 22	22 26	5 59	5 10
M 7	4 13	21 2	2 20	5 5	2 5	15 48	3 22	9 41	3 46	12 52	1 31	15 22	1 50	23 17	0 25	13 53	1 47	20 57	17 4	22 14	22 22	22 26	5 57	5 10
T 8	3 50	22 19	1 9	5 43	2 16	15 45	3 14	9 49	3 45	12 54	1 31	15 24	1 50	23 17	0 25	13 54	1 47	20 58	17 4	22 14	22 23	22 27	5 56	5 10
W 9	3 26	22 10	0n 7	6 19	2 27	15 41	3 5	9 56	3 43	12 57	1 31	15 26	1 50	23 17	0 25	13 54	1 47	20 58	17 4	22 14	22 23	22 27	5 55	5 10
T 10	3 3	20 34	1 22	6 51	2 36	15 37	2 57	10 4	3 42	12 59	1 31	15 28	1 50	23 17	0 25	13 55	1 47	20 59	17 4	22 14	22 24	22 28	5 53	5 10
F 11	2 39	17 39	2 32	7 19	2 45	15 33	2 49	10 11	3 40	13 1	1 31	15 29	1 49	23 17	0 25	13 55	1 47	20 59	17 4	22 14	22 24	22 28	5 52	5 10
S 12	2 16	13 41	3 32	7 44	2 53	15 28	2 41	10 18	3 38	13 4	1 31	15 31	1 49	23 16	0 25	13 56	1 47	21 0	17 4	22 15	22 24	22 29	5 51	5 10
S 13	1 52	9 0	4 19	8 6	3 1	15 22	2 33	10 25	3 36	13 6	1 31	15 33	1 49	23 16	0 25	13 56	1 47	21 1	17 4	22 16	22 25	22 29	5 49	5 10
M14	1 29	3 54	4 49	8 23	3 7	15 16	2 25	10 31	3 34	13 8	1 31	15 35	1 49	23 16	0 25	13 57	1 46	21 1	17 4	22 18	22 25	22 30	5 48	5 10
T 15	1 5	1s16	5 2	8 37	3 11	15 9	2 17	10 38	3 32	13 10	1 31	15 37	1 48	23 16	0 25	13 58	1 46	21 2	17 4	22 19	22 26	22 30	5 47	5 10
W16	0 42	6 16	4 58	8 47	3 15	15 2	2 10	10 44	3 30	13 12	1 31	15 38	1 48	23 16	0 25	13 58	1 46	21 3	17 4	22 21	22 26	22 31	5 45	5 10
T 17	0 18	10 51	4 39	8 54	3 17	14 55	2 2	10 50	3 28	13 14	1 31	15 40	1 48	23 16	0 25	13 59	1 46	21 3	17 4	22 22	22 27	22 31	5 44	5 10
F 18	0n 6	14 51	4 6	8 56	3 18	14 46	1 55	10 55	3 26	13 16	1 31	15 42	1 48	23 16	0 25	13 59	1 46	21 4	17 4	22 23	22 27	22 32	5 43	5 10
S 19	0 29	18 7	3 23	8 54	3 18	14 38	1 47	11 0	3 24	13 18	1 30	15 44	1 48	23 15	0 25	14 0	1 46	21 4	17 4	22 24	22 27	22 32	5 41	5 11
S 20	0 53	20 33	2 31	8 49	3 16	14 29	1 40	11 5	3 21	13 20	1 30	15 46	1 47	23 15	0 25	14 0	1 46	21 5	17 4	22 24	22 28	22 32	5 40	5 11
M21	1 16	22 2	1 34	8 40	3 13	14 19	1 33	11 10	3 19	13 22	1 30	15 48	1 47	23 15	0 25	14 1	1 46	21 5	17 4	22 24	22 28	22 33	5 39	5 11
T 22	1 40	22 33	0 32	8 27	3 8	14 9	1 26	11 15	3 16	13 23	1 30	15 50	1 47	23 15	0 25	14 2	1 46	21 6	17 3	22 24	22 29	22 33	5 37	5 11
W23	2 3	22 2	0s30	8 11	3 1	13 58	1 19	11 19	3 14	13 25	1 30	15 52	1 47	23 15	0 26	14 2	1 46	21 6	17 3	22 24	22 29	22 34	5 36	5 11
T 24	2 26	20 31	1 32	7 52	2 53	13 47	1 12	11 23	3 11	13 27	1 30	15 54	1 47	23 15	0 26	14 3	1 46	21 7	17 3	22 25	22 29	22 34	5 35	5 11
F 25	2 50	18 3	2 31	7 29	2 44	13 35	1 5	11 26	3 9	13 28	1 30	15 55	1 47	23 15	0 26	14 3	1 46	21 7	17 3	22 25	22 30	22 35	5 34	5 11
S 26	3 13	14 44	3 24	7 5	2 33	13 23	0 59	11 29	3 6	13 30	1 30	15 57	1 46	23 15	0 26	14 4	1 46	21 8	17 3	22 26	22 30	22 35	5 32	5 11
S 27	3 36	10 40	4 8	6 38	2 21	13 11	0 52	11 32	3 4	13 31	1 29	15 59	1 46	23 15	0 26	14 5	1 46	21 8	17 3	22 27	22 31	22 35	5 31	5 11
M28	3 59	6 0	4 40	6 9	2 7	12 57	0 46	11 35	3 1	13 33	1 29	16 1	1 46	23 15	0 26	14 5	1 46	21 9	17 2	22 28	22 31	22 36	5 30	5 12
T 29	4 23	0 58	4 58	5 39	1 53	12 44	0 40	11 37	2 58	13 34	1 29	16 3	1 46	23 15	0 26	14 6	1 46	21 9	17 2	22 30	22 31	22 36	5 28	5 12
W30	4 46	4n14	4 59	5 9	1 38	12 30	0 33	11 39	2 56	13 35	1 29	16 5	1 46	23 14	0 26	14 7	1 46	21 9	17 2	22 31	22 32	22 36	5 27	5 12
T 31	5n 9	9n19	4s43	4n38	1n22	12s15	0n27	11n41	2n53	13n37	1n29	16n 7	1s45	23s14	0s26	14n 7	1s46	21n10	17n 2	22n33	22n32	22s37	5s26	5n12

Julian Day Number = 1989575.5, Delta T = 55m34s
Ecliptic obliquity = 23°36'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'17, Lahiri = 6°14'17 Julian Calendar 1 March 735 == Greg. Calendar 5 March 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

APRIL 735 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	⚷	⚸	⚳	⚴	⚵	Day
F 1	12 48 19	13♈54'32	20♉30	7°R47	27♒44	6°R48	28°R 1	19♉57	14♏27	12♉53	15°R59	16°R34	16♋45	10♏11	3♓35	F 1
S 2	12 52 16	14°52'55	4♊37	7♈ 8	28°44	6♍38	27♌58	20° 3	14°28	12°55	15♍57	16♋27	16°42	10°17	3°38	S 2
S 3	12 56 12	15°51'16	18°46	6°33	29°44	6°30	27°54	20°10	14°28	12°57	15°56	16°23	16°39	10°24	3°41	S 3
M 4	13 0 9	16°49'35	2♋56	6° 1	0♓45	6°22	27°51	20°17	14°29	12°59	15°54	16°22	16°35	10°31	3°44	M 4
T 5	13 4 5	17°47'52	17° 3	5°32	1°46	6°15	27°48	20°24	14°30	13° 1	15°53	16°21	16°32	10°37	3°47	T 5
W 6	13 8 2	18°46'07	1♌ 8	5° 7	2°47	6° 8	27°45	20°31	14°30	13° 3	15°52	16°21	16°29	10°44	3°50	W 6
T 7	13 11 59	19°44'19	15° 9	4°47	3°48	6° 3	27°43	20°39	14°31	13° 5	15°50	16°20	16°26	10°51	3°53	T 7
F 8	13 15 55	20°42'29	29° 6	4°32	4°50	5°58	27°40	20°46	14°31	13° 7	15°49	16°16	16°23	10°57	3°56	F 8
S 9	13 19 52	21°40'37	12♍57	4°21	5°52	5°54	27°38	20°53	14°31	13° 9	15°48	16° 9	16°19	11° 4	3°58	S 9
S 10	13 23 48	22°38'43	26°39	4°14	6°54	5°51	27°36	21° 0	14°32	13°11	15°47	16° 0	16°16	11°11	4° 1	S 10
M11	13 27 45	23°36'48	10♎10	4°D13	7°57	5°48	27°34	21° 7	14°32	13°14	15°45	15°49	16°13	11°17	4° 4	M11
T 12	13 31 41	24°34'50	23°27	4°16	9° 0	5°47	27°32	21°15	14°32	13°16	15°44	15°36	16°10	11°24	4° 7	T 12
W13	13 35 38	25°32'51	6♏29	4°24	10° 3	5°46	27°30	21°22	14°32	13°18	15°43	15°24	16° 7	11°31	4° 9	W13
T 14	13 39 34	26°30'50	19°14	4°37	11° 6	5°D46	27°29	21°29	14°33	13°20	15°42	15°13	16° 4	11°37	4°12	T 14
F 15	13 43 31	27°28'48	1♐42	4°55	12°10	5°46	27°28	21°37	14°33	13°22	15°41	15° 4	16° 0	11°44	4°14	F 15
S 16	13 47 27	28°26'44	13°55	5°17	13°14	5°48	27°27	21°44	14°R33	13°24	15°39	14°58	15°57	11°50	4°17	S 16
S 17	13 51 24	29°24'39	25°55	5°43	14°18	5°50	27°26	21°52	14°33	13°27	15°38	14°54	15°54	11°57	4°19	S 17
M18	13 55 21	0♑22'33	7♑47	6°13	15°22	5°53	27°25	21°59	14°33	13°29	15°37	14°53	15°51	12° 4	4°22	M18
T 19	13 59 17	1°20'25	19°36	6°48	16°26	5°56	27°25	22° 7	14°32	13°31	15°36	14°D52	15°48	12°10	4°24	T 19
W20	14 3 14	2°18'15	1♒25	7°26	17°31	6° 1	27°25	22°14	14°32	13°33	15°35	14°R53	15°45	12°17	4°27	W20
T 21	14 7 10	3°16'05	13°22	8° 8	18°36	6° 6	27°D24	22°22	14°32	13°35	15°34	14°52	15°41	12°24	4°29	T 21
F 22	14 11 7	4°13'53	25°31	8°54	19°41	6°11	27°24	22°29	14°32	13°38	15°33	14°50	15°38	12°30	4°31	F 22
S 23	14 15 3	5°11'40	7♓57	9°44	20°46	6°18	27°25	22°37	14°31	13°40	15°32	14°46	15°35	12°37	4°34	S 23
S 24	14 19 0	6° 9'26	20°43	10°36	21°51	6°25	27°25	22°45	14°31	13°42	15°31	14°39	15°32	12°44	4°36	S 24
M25	14 22 56	7° 7'10	3♈53	11°33	22°57	6°32	27°26	22°52	14°31	13°44	15°31	14°31	15°29	12°50	4°38	M25
T 26	14 26 53	8° 4'54	17°27	12°32	24° 2	6°41	27°27	23° 0	14°30	13°47	15°30	14°20	15°25	12°57	4°40	T 26
W27	14 30 50	9° 2'36	1♉23	13°34	25° 8	6°50	27°27	23° 8	14°30	13°49	15°29	14°10	15°22	13° 4	4°42	W27
T 28	14 34 46	10° 0'16	15°37	14°39	26°14	7° 0	27°29	23°15	14°29	13°51	15°28	14° 0	15°19	13°10	4°44	T 28
F 29	14 38 43	10°57'56	0♊ 3	15°48	27°20	7°10	27°30	23°23	14°28	13°53	15°27	13°52	15°16	13°17	4°46	F 29
S 30	14 42 39	11♉55'34	14♊36	16♈59	28♓27	7♍21	27♌31	23♉31	14♏28	13♉56	15♍27	13♋47	15♋13	13♏23	4♓48	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚷	⚸	⚳	⚴	⚵	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	5n31	13n59	4s10	4n 7	1n 6	12s 0	0n21	11n42	2n50	13n38	1n29	16n 9	1s45	23s14	0s26	14n 8	1s46	21n10	17n 2	22n34	22n33	22s37	5s25	5n12
S 2	5 54	17 54	3 21	3 36	0 49	11 45	0 16	11 43	2 47	13 39	1 28	16 11	1 45	23 14	0 26	14 8	1 46	21 10	17 1	22 35	22 33	22 38	5 23	5 12
S 3	6 17	20 48	2 20	3 7	0 32	11 29	0 10	11 44	2 45	13 40	1 28	16 13	1 45	23 14	0 26	14 9	1 46	21 11	17 1	22 35	22 33	22 38	5 22	5 12
M 4	6 39	22 24	1 10	2 39	0 16	11 13	0 4	11 44	2 42	13 41	1 28	16 15	1 45	23 14	0 26	14 10	1 46	21 11	17 1	22 36	22 34	22 38	5 21	5 13
T 5	7 2	22 34	0n 4	2 12	0s 1	10 56	0s 1	11 44	2 39	13 42	1 28	16 17	1 45	23 14	0 26	14 10	1 46	21 11	17 1	22 36	22 34	22 39	5 20	5 13
W 6	7 24	21 18	1 17	1 47	0 17	10 39	0 7	11 44	2 36	13 42	1 28	16 19	1 44	23 14	0 26	14 11	1 46	21 12	17 0	22 36	22 35	22 39	5 19	5 13
T 7	7 46	18 43	2 26	1 24	0 33	10 22	0 12	11 44	2 33	13 43	1 28	16 21	1 44	23 14	0 26	14 12	1 46	21 12	17 0	22 36	22 35	22 39	5 17	5 13
F 8	8 8	15 4	3 25	1 4	0 49	10 4	0 17	11 43	2 31	13 44	1 27	16 23	1 44	23 14	0 26	14 12	1 46	21 12	17 0	22 36	22 35	22 40	5 16	5 13
S 9	8 30	10 37	4 12	0 46	1 3	9 46	0 22	11 42	2 28	13 44	1 27	16 26	1 44	23 14	0 26	14 13	1 46	21 12	17 0	22 37	22 36	22 40	5 15	5 13
S 10	8 52	5 41	4 44	0 31	1 17	9 27	0 27	11 41	2 25	13 45	1 27	16 28	1 44	23 14	0 26	14 14	1 45	21 13	16 59	22 38	22 36	22 40	5 14	5 14
M11	9 14	0 32	4 59	0 18	1 31	9 8	0 32	11 39	2 22	13 46	1 27	16 30	1 44	23 14	0 26	14 14	1 45	21 13	16 59	22 40	22 37	22 41	5 13	5 14
T 12	9 35	4s33	4 58	0 8	1 43	8 49	0 36	11 37	2 20	13 46	1 27	16 32	1 44	23 14	0 26	14 15	1 45	21 13	16 59	22 41	22 37	22 41	5 12	5 14
W13	9 57	9 21	4 41	0 0	1 55	8 29	0 41	11 35	2 17	13 46	1 26	16 34	1 43	23 14	0 26	14 16	1 45	21 13	16 58	22 42	22 37	22 41	5 10	5 14
T 14	10 18	13 38	4 10	0s 4	2 6	8 9	0 45	11 32	2 14	13 47	1 26	16 36	1 43	23 14	0 26	14 16	1 45	21 13	16 58	22 44	22 38	22 42	5 9	5 14
F 15	10 39	17 15	3 28	0 7	2 16	7 49	0 50	11 30	2 12	13 47	1 26	16 38	1 43	23 14	0 26	14 17	1 45	21 14	16 58	22 45	22 38	22 42	5 8	5 15
S 16	11 0	20 2	2 36	0 6	2 25	7 28	0 54	11 27	2 9	13 47	1 26	16 40	1 43	23 14	0 26	14 18	1 45	21 14	16 57	22 45	22 38	22 42	5 7	5 15
S 17	11 20	21 53	1 39	0 4	2 33	7 7	0 58	11 23	2 6	13 47	1 26	16 42	1 43	23 14	0 26	14 18	1 45	21 14	16 57	22 46	22 39	22 42	5 6	5 15
M18	11 41	22 45	0 38	0n 2	2 41	6 45	1 2	11 20	2 4	13 47	1 26	16 44	1 43	23 14	0 26	14 19	1 45	21 14	16 57	22 46	22 39	22 43	5 5	5 15
T 19	12 1	22 34	0s25	0 9	2 48	6 24	1 6	11 16	2 1	13 47	1 25	16 46	1 43	23 14	0 26	14 20	1 45	21 14	16 56	22 46	22 40	22 43	5 4	5 15
W20	12 21	21 23	1 27	0 19	2 53	6 2	1 9	11 12	1 59	13 47	1 25	16 48	1 43	23 14	0 26	14 20	1 45	21 14	16 56	22 46	22 40	22 43	5 3	5 16
T 21	12 41	19 15	2 26	0 31	2 58	5 40	1 13	11 8	1 56	13 47	1 25	16 50	1 42	23 14	0 26	14 21	1 45	21 14	16 56	22 46	22 40	22 43	5 2	5 16
F 22	13 1	16 13	3 19	0 46	3 2	5 17	1 17	11 3	1 53	13 47	1 25	16 52	1 42	23 14	0 26	14 22	1 45	21 14	16 55	22 46	22 41	22 44	5 1	5 16
S 23	13 21	12 24	4 3	1 2	3 6	4 55	1 20	10 59	1 51	13 46	1 24	16 54	1 42	23 15	0 26	14 22	1 45	21 14	16 55	22 47	22 41	22 44	5 0	5 16
S 24	13 40	7 57	4 38	1 20	3 8	4 32	1 23	10 54	1 48	13 46	1 24	16 56	1 42	23 15	0 26	14 23	1 45	21 14	16 54	22 47	22 41	22 44	4 59	5 16
M25	13 59	3 0	4 58	1 41	3 10	4 8	1 26	10 49	1 46	13 46	1 24	16 58	1 42	23 15	0 26	14 24	1 45	21 14	16 54	22 48	22 42	22 44	4 58	5 17
T 26	14 18	2n14	5 3	2 3	3 11	3 45	1 29	10 43	1 44	13 45	1 24	17 0	1 42	23 15	0 27	14 25	1 45	21 14	16 54	22 49	22 42	22 45	4 57	5 17
W27	14 36	7 30	4 50	2 27	3 12	3 21	1 32	10 38	1 41	13 45	1 24	17 2	1 42	23 15	0 27	14 25	1 45	21 14	16 53	22 51	22 43	22 45	4 56	5 17
T 28	14 55	12 30	4 19	2 52	3 11	2 57	1 35	10 32	1 39	13 44	1 23	17 4	1 42	23 15	0 27	14 26	1 45	21 14	16 53	22 52	22 43	22 45	4 55	5 17
F 29	15 13	16 52	3 31	3 20	3 10	2 33	1 38	10 26	1 36	13 43	1 23	17 6	1 42	23 15	0 27	14 27	1 45	21 14	16 52	22 52	22 43	22 45	4 54	5 18
S 30	15n31	20n14	2s29	3n49	3s 9	2s 9	1s40	10n19	1n34	13n43	1n23	17n 8	1s41	23s15	0s27	14n27	1s45	21n14	16n52	22n53	22n44	22s46	4s53	5n18

Julian Day Number = 1989606.5, Delta T = 55m33s
Ecliptic obliquity = 23°36'08, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'21, Lahiri = 6°14'22 Julian Calendar 1 Apr. 735 == Greg. Calendar 5 Apr. 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

MAY 735 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 46 36	12♉53'10	29♊ 8	18♈12	29♓33	7♍32	27♌33	23♉39	14°R27	13♉58	15°R26	13°R44	15♋10	13♏30	4♓50	S 1
M 2	14 50 32	13°50'45	13♋35	19°29	0♈40	7°44	27°35	23°46	14♏26	14° 0	15♍25	13°D43	15° 6	13°37	4°52	M 2
T 3	14 54 29	14°48'19	27°54	20°48	1°46	7°57	27°37	23°54	14°26	14° 2	15°25	13♋43	15° 3	13°43	4°54	T 3
W 4	14 58 25	15°45'51	12♌ 2	22°10	2°53	8°10	27°39	24° 2	14°25	14° 5	15°24	13°R44	15° 0	13°50	4°55	W 4
T 5	15 2 22	16°43'22	25°58	23°34	4° 0	8°24	27°42	24°10	14°24	14° 7	15°23	13°44	14°57	13°57	4°57	T 5
F 6	15 6 19	17°40'51	9♍42	25° 1	5° 7	8°38	27°44	24°18	14°23	14° 9	15°23	13°42	14°54	14° 3	4°59	F 6
S 7	15 10 15	18°38'18	23°14	26°30	6°14	8°53	27°47	24°25	14°22	14°11	15°22	13°37	14°50	14°10	5° 0	S 7
S 8	15 14 12	19°35'45	6♎34	28° 2	7°22	9° 9	27°50	24°33	14°21	14°14	15°22	13°31	14°47	14°17	5° 2	S 8
M 9	15 18 8	20°33'10	19°42	29°37	8°29	9°24	27°53	24°41	14°20	14°16	15°21	13°23	14°44	14°23	5° 3	M 9
T 10	15 22 5	21°30'33	2♏37	1♉14	9°37	9°41	27°56	24°49	14°19	14°18	15°21	13°14	14°41	14°30	5° 5	T 10
W11	15 26 1	22°27'56	15°19	2°53	10°44	9°58	28° 0	24°57	14°18	14°20	15°20	13° 5	14°38	14°37	5° 6	W11
T 12	15 29 58	23°25'18	27°48	4°35	11°52	10°15	28° 3	25° 5	14°16	14°22	15°20	12°57	14°35	14°43	5° 8	T 12
F 13	15 33 54	24°22'39	10♐ 4	6°19	13° 0	10°33	28° 7	25°12	14°15	14°25	15°20	12°51	14°31	14°50	5° 9	F 13
S 14	15 37 51	25°19'59	22° 9	8° 6	14° 8	10°51	28°11	25°20	14°14	14°27	15°19	12°46	14°28	14°57	5°10	S 14
S 15	15 41 48	26°17'19	4♑ 5	9°55	15°16	11°10	28°15	25°28	14°13	14°29	15°19	12°44	14°25	15° 3	5°11	S 15
M16	15 45 44	27°14'38	15°54	11°47	16°24	11°29	28°19	25°36	14°11	14°31	15°19	12°D44	14°22	15°10	5°12	M16
T 17	15 49 41	28°11'56	27°42	13°41	17°32	11°49	28°24	25°44	14°10	14°34	15°19	12°45	14°19	15°16	5°13	T 17
W18	15 53 37	29° 9'13	9♒31	15°37	18°41	12° 9	28°28	25°52	14° 8	14°36	15°18	12°46	14°16	15°23	5°14	W18
T 19	15 57 34	0♊ 6'30	21°28	17°35	19°49	12°29	28°33	26° 0	14° 7	14°38	15°18	12°47	14°12	15°30	5°15	T 19
F 20	16 1 30	1° 3'47	3♓36	19°36	20°58	12°50	28°38	26° 7	14° 5	14°40	15°18	12°R48	14° 9	15°36	5°16	F 20
S 21	16 5 27	2° 1'03	16° 2	21°38	22° 7	13°11	28°43	26°15	14° 4	14°42	15°18	12°47	14° 6	15°43	5°17	S 21
S 22	16 9 23	2°58'18	28°48	23°43	23°15	13°33	28°48	26°23	14° 2	14°44	15°18	12°44	14° 3	15°50	5°18	S 22
M23	16 13 20	3°55'34	12♈ 0	25°49	24°24	13°55	28°53	26°31	14° 1	14°47	15°D18	12°40	14° 0	15°56	5°19	M23
T 24	16 17 17	4°52'49	25°38	27°56	25°33	14°18	28°58	26°39	13°59	14°49	15°18	12°35	13°56	16° 3	5°20	T 24
W25	16 21 13	5°50'03	9♉42	0♊ 5	26°42	14°40	29° 4	26°47	13°57	14°51	15°18	12°29	13°53	16°10	5°20	W25
T 26	16 25 10	6°47'17	24° 8	2°15	27°51	15° 4	29°10	26°54	13°55	14°53	15°18	12°24	13°50	16°16	5°21	T 26
F 27	16 29 6	7°44'31	8♊52	4°26	29° 0	15°27	29°16	27° 2	13°54	14°55	15°18	12°19	13°47	16°23	5°21	F 27
S 28	16 33 3	8°41'45	23°45	6°37	0♉10	15°51	29°22	27°10	13°52	14°57	15°18	12°17	13°44	16°30	5°22	S 28
S 29	16 36 59	9°38'58	8♋40	8°49	1°19	16°16	29°28	27°18	13°50	14°59	15°18	12°D16	13°41	16°36	5°22	S 29
M30	16 40 56	10°36'10	23°29	11° 0	2°28	16°40	29°34	27°25	13°48	15° 1	15°19	12°16	13°37	16°43	5°23	M30
T 31	16 44 53	11♊33'22	8♌ 6	13♊11	3♉38	17♍ 5	29♌41	27♉33	13♏46	15♉ 3	15♍19	12♋17	13♋34	16♏49	5♓23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n49	22n19	1s17	4n19	3s 6	1s45	1s43	10n13	1n32	13n42	1n23	17n10	1s41	23s15	0s27	14n28	1s45	21n14	16n52	22n53	22n44	22s46	4s52	5n18
M 2	16 6	22 54	0 1	4 51	3 3	1 20	1 45	10 6	1 29	13 41	1 23	17 12	1 41	23 15	0 27	14 29	1 45	21 14	16 51	22 53	22 44	22 46	4 51	5 18
T 3	16 23	21 57	1n15	5 24	3 0	0 56	1 47	9 59	1 27	13 40	1 22	17 14	1 41	23 15	0 27	14 29	1 45	21 14	16 51	22 53	22 45	22 46	4 50	5 18
W 4	16 40	19 38	2 26	5 59	2 55	0 31	1 49	9 52	1 25	13 39	1 22	17 17	1 41	23 16	0 27	14 30	1 45	21 13	16 50	22 53	22 45	22 46	4 50	5 19
T 5	16 57	16 11	3 26	6 34	2 51	0 6	1 51	9 45	1 23	13 38	1 22	17 19	1 41	23 16	0 27	14 31	1 45	21 13	16 50	22 53	22 45	22 47	4 49	5 19
F 6	17 13	11 54	4 14	7 11	2 45	0n19	1 53	9 38	1 20	13 37	1 22	17 21	1 41	23 16	0 27	14 31	1 45	21 13	16 49	22 54	22 46	22 47	4 48	5 19
S 7	17 29	7 5	4 47	7 49	2 39	0 44	1 55	9 30	1 18	13 36	1 22	17 22	1 41	23 16	0 27	14 32	1 45	21 13	16 49	22 54	22 46	22 47	4 47	5 19
S 8	17 45	2 1	5 4	8 28	2 33	1 9	1 57	9 22	1 16	13 35	1 21	17 24	1 41	23 16	0 27	14 33	1 45	21 13	16 48	22 55	22 47	22 47	4 46	5 20
M 9	18 1	3s 4	5 4	9 8	2 26	1 35	1 58	9 14	1 14	13 34	1 21	17 26	1 41	23 16	0 27	14 33	1 45	21 13	16 48	22 55	22 47	22 47	4 46	5 20
T 10	18 16	7 56	4 49	9 49	2 18	2 0	2 0	9 6	1 12	13 32	1 21	17 28	1 41	23 16	0 27	14 34	1 45	21 12	16 47	22 56	22 47	22 47	4 45	5 20
W11	18 31	12 24	4 20	10 31	2 10	2 26	2 1	8 58	1 10	13 31	1 21	17 30	1 41	23 17	0 27	14 35	1 45	21 12	16 47	22 57	22 48	22 48	4 44	5 20
T 12	18 45	16 16	3 38	11 14	2 2	2 51	2 2	8 49	1 8	13 29	1 21	17 32	1 40	23 17	0 27	14 35	1 45	21 12	16 47	22 58	22 48	22 48	4 43	5 21
F 13	19 0	19 21	2 47	11 57	1 53	3 17	2 3	8 40	1 6	13 28	1 20	17 34	1 40	23 17	0 27	14 36	1 45	21 11	16 46	22 59	22 48	22 48	4 43	5 21
S 14	19 14	21 33	1 49	12 40	1 43	3 42	2 4	8 32	1 4	13 26	1 20	17 36	1 40	23 17	0 27	14 36	1 45	21 11	16 46	22 59	22 49	22 48	4 42	5 21
S 15	19 27	22 46	0 47	13 24	1 34	4 8	2 5	8 23	1 2	13 25	1 20	17 38	1 40	23 17	0 27	14 37	1 45	21 11	16 45	22 59	22 49	22 48	4 41	5 21
M16	19 41	22 56	0s17	14 9	1 24	4 33	2 6	8 13	1 0	13 23	1 20	17 40	1 40	23 17	0 27	14 38	1 45	21 10	16 45	22 59	22 49	22 48	4 41	5 22
T 17	19 54	22 5	1 20	14 53	1 14	4 59	2 7	8 4	0 58	13 21	1 20	17 42	1 40	23 18	0 27	14 38	1 45	21 10	16 44	22 59	22 50	22 48	4 40	5 22
W18	20 6	20 14	2 20	15 37	1 3	5 25	2 7	7 55	0 56	13 20	1 19	17 44	1 40	23 18	0 27	14 39	1 45	21 10	16 44	22 59	22 50	22 49	4 39	5 22
T 19	20 19	17 31	3 15	16 21	0 52	5 50	2 8	7 45	0 54	13 18	1 19	17 46	1 40	23 18	0 27	14 40	1 45	21 9	16 43	22 59	22 50	22 49	4 39	5 23
F 20	20 31	14 0	4 1	17 5	0 41	6 16	2 8	7 35	0 52	13 16	1 19	17 48	1 40	23 18	0 27	14 40	1 45	21 9	16 43	22 59	22 51	22 49	4 38	5 23
S 21	20 42	9 49	4 38	17 48	0 30	6 41	2 8	7 25	0 50	13 14	1 19	17 50	1 40	23 18	0 27	14 41	1 45	21 9	16 42	22 59	22 51	22 49	4 38	5 23
S 22	20 54	5 5	5 2	18 31	0 19	7 7	2 8	7 15	0 49	13 12	1 19	17 51	1 40	23 18	0 27	14 42	1 45	21 8	16 42	22 59	22 51	22 49	4 37	5 23
M23	21 5	0n 0	5 11	19 12	0 8	7 32	2 8	7 5	0 47	13 10	1 18	17 53	1 40	23 19	0 27	14 42	1 45	21 8	16 41	23 0	22 52	22 49	4 37	5 24
T 24	21 15	5 16	5 3	19 52	0n 2	7 57	2 8	6 55	0 45	13 8	1 18	17 55	1 40	23 19	0 27	14 43	1 45	21 7	16 41	23 0	22 52	22 49	4 36	5 24
W25	21 26	10 26	4 37	20 31	0 13	8 22	2 8	6 44	0 43	13 6	1 18	17 57	1 40	23 19	0 27	14 43	1 45	21 7	16 40	23 1	22 52	22 49	4 36	5 24
T 26	21 35	15 10	3 53	21 8	0 24	8 47	2 8	6 34	0 41	13 3	1 18	17 59	1 40	23 19	0 27	14 44	1 45	21 6	16 40	23 1	22 53	22 49	4 35	5 24
F 27	21 45	19 5	2 52	21 43	0 34	9 12	2 8	6 23	0 40	13 1	1 18	18 1	1 40	23 19	0 27	14 45	1 45	21 6	16 39	23 2	22 53	22 49	4 35	5 25
S 28	21 54	21 48	1 40	22 17	0 43	9 37	2 7	6 12	0 38	12 59	1 18	18 2	1 40	23 20	0 27	14 45	1 45	21 5	16 39	23 2	22 53	22 49	4 34	5 25
S 29	22 3	22 59	0 20	22 47	0 53	10 2	2 7	6 1	0 36	12 57	1 17	18 4	1 40	23 20	0 27	14 46	1 45	21 5	16 38	23 2	22 54	22 49	4 34	5 25
M30	22 11	22 33	1n 1	23 16	1 2	10 26	2 6	5 50	0 35	12 54	1 17	18 6	1 40	23 20	0 27	14 46	1 45	21 4	16 38	23 2	22 54	22 49	4 33	5 25
T 31	22n19	20n34	2n17	23n41	1n10	10n50	2s 6	5n38	0n33	12n52	1n17	18n 8	1s40	23s20	0s27	14n47	1s45	21n 4	16n37	23n 2	22n54	22s50	4s33	5n26

Julian Day Number = 1989636.5, Delta T = 55m32s
Ecliptic obliquity = 23°36'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'25, Lahiri = 6°14'26 Julian Calendar 1 May 735 == Greg. Calendar 5 May 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

JUNE 735 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 48 49	12♊30'33	22♌26	15♊22	4♉47	17♍30	29♌47	27♉41	13°R44	15♉ 6	15♍19	12♋19	13♋31	16♂56	5♓23	W 1
T 2	16 52 46	13°27'43	6♍28	17°32	5°57	17°56	29°54	27°48	13♂42	15° 8	15°19	12°20	13°28	17° 3	5°23	T 2
F 3	16 56 42	14°24'53	20°10	19°41	7° 7	18°22	0♍ 1	27°56	13°40	15°10	15°20	12°R20	13°25	17° 9	5°24	F 3
S 4	17 0 39	15°22'03	3♎34	21°48	8°17	18°48	0° 8	28° 4	13°38	15°12	15°20	12°18	13°22	17°16	5°24	S 4
S 5	17 4 35	16°19'11	16°41	23°54	9°26	19°15	0°15	28°11	13°36	15°14	15°21	12°16	13°18	17°23	5°R24	S 5
M 6	17 8 32	17°16'20	29°31	25°59	10°36	19°42	0°22	28°19	13°34	15°16	15°21	12°13	13°15	17°29	5°24	M 6
T 7	17 12 28	18°13'28	12♏ 8	28° 2	11°46	20° 9	0°30	28°26	13°32	15°17	15°21	12° 9	13°12	17°36	5°24	T 7
W 8	17 16 25	19°10'36	24°32	0♋ 3	12°56	20°36	0°37	28°34	13°30	15°19	15°22	12° 6	13° 9	17°43	5°24	W 8
T 9	17 20 22	20° 7'43	6♐45	2° 3	14° 6	21° 4	0°45	28°42	13°28	15°21	15°22	12° 2	13° 6	17°49	5°23	T 9
F 10	17 24 18	21° 4'51	18°49	4° 0	15°17	21°32	0°52	28°49	13°26	15°23	15°23	12° 0	13° 2	17°56	5°23	F 10
S 11	17 28 15	22° 1'59	0♑45	5°56	16°27	22° 0	1° 0	28°57	13°24	15°25	15°24	11°58	12°59	18° 3	5°23	S 11
S 12	17 32 11	22°59'06	12°36	7°50	17°37	22°29	1° 8	29° 4	13°22	15°27	15°24	11°D58	12°56	18° 9	5°22	S 12
M13	17 36 8	23°56'14	24°24	9°41	18°47	22°57	1°16	29°11	13°19	15°29	15°25	11°59	12°53	18°16	5°22	M13
T 14	17 40 4	24°53'22	6♒11	11°31	19°58	23°27	1°25	29°19	13°17	15°31	15°26	12° 0	12°50	18°23	5°22	T 14
W15	17 44 1	25°50'31	18° 2	13°19	21° 8	23°56	1°33	29°26	13°15	15°33	15°26	12° 1	12°47	18°29	5°21	W15
T 16	17 47 57	26°47'39	29°59	15° 5	22°19	24°25	1°41	29°33	13°13	15°34	15°27	12° 2	12°43	18°36	5°21	T 16
F 17	17 51 54	27°44'48	12♓ 9	16°48	23°30	24°55	1°50	29°41	13°10	15°36	15°28	12° 3	12°40	18°42	5°20	F 17
S 18	17 55 51	28°41'58	24°33	18°30	24°40	25°25	1°59	29°48	13° 8	15°38	15°29	12°R 4	12°37	18°49	5°19	S 18
S 19	17 59 47	29°39'08	7♈17	20°10	25°51	25°55	2° 7	29°55	13° 6	15°40	15°29	12° 4	12°34	18°56	5°19	S 19
M20	18 3 44	0♋36'19	20°25	21°47	27° 2	26°26	2°16	0♊ 2	13° 3	15°41	15°30	12° 3	12°31	19° 2	5°18	M20
T 21	18 7 40	1°33'30	3♉58	23°23	28°13	26°57	2°25	0° 9	13° 1	15°43	15°31	12° 2	12°28	19° 9	5°17	T 21
W22	18 11 37	2°30'42	17°59	24°57	29°24	27°28	2°34	0°16	12°59	15°45	15°32	12° 1	12°24	19°16	5°16	W22
T 23	18 15 33	3°27'54	2♊25	26°28	0♊35	27°59	2°43	0°24	12°56	15°46	15°33	12° 0	12°21	19°22	5°15	T 23
F 24	18 19 30	4°25'08	17°12	27°58	1°46	28°30	2°53	0°31	12°54	15°48	15°34	11°59	12°18	19°29	5°14	F 24
S 25	18 23 26	5°22'21	2♋15	29°25	2°57	29° 2	3° 2	0°37	12°52	15°50	15°35	11°59	12°15	19°36	5°13	S 25
S 26	18 27 23	6°19'36	17°24	0♌51	4° 8	29°34	3°12	0°44	12°49	15°51	15°36	11°D59	12°12	19°42	5°12	S 26
M27	18 31 20	7°16'51	2♌30	2°14	5°19	0♎ 6	3°21	0°51	12°47	15°53	15°37	11°59	12° 8	19°49	5°11	M27
T 28	18 35 16	8°14'06	17°24	3°35	6°31	0°38	3°31	0°58	12°44	15°54	15°38	11°59	12° 5	19°56	5°10	T 28
W29	18 39 13	9°11'21	2♍ 1	4°54	7°42	1°11	3°41	1° 5	12°42	15°56	15°40	12° 0	12° 2	20° 2	5° 9	W29
T 30	18 43 9	10♋ 8'37	16♍14	6♌11	8♊53	1♎43	3♍50	1♊12	12♂40	15♉57	15♍41	12♋ 0	11♋59	20♂ 9	5♓ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n27	17n19	3n23	24n 5	1n17	11n15	2s 5	5n27	0n31	12n49	1n17	18n10	1s40	23s21	0s27	14n48	1s45	21n 3	16n37	23n 2	22n55	22s50	4s33	5n26
T 2	22 34	13 8	4 15	24 25	1 25	11 39	2 4	5 15	0 30	12 47	1 17	18 11	1 40	23 21	0 27	14 48	1 45	21 3	16 36	23 2	22 55	22 50	4 32	5 26
F 3	22 41	8 22	4 51	24 42	1 31	12 2	2 3	5 4	0 28	12 44	1 16	18 13	1 40	23 21	0 27	14 49	1 46	21 2	16 36	23 2	22 55	22 50	4 32	5 27
S 4	22 48	3 19	5 10	24 57	1 36	12 26	2 2	4 52	0 27	12 41	1 16	18 15	1 40	23 21	0 27	14 49	1 46	21 1	16 35	23 2	22 56	22 50	4 32	5 27
S 5	22 54	1s47	5 13	25 9	1 41	12 49	2 1	4 40	0 25	12 39	1 16	18 16	1 40	23 21	0 28	14 50	1 46	21 1	16 35	23 2	22 56	22 50	4 31	5 27
M 6	22 59	6 42	5 0	25 18	1 46	13 12	2 0	4 28	0 24	12 36	1 16	18 18	1 40	23 22	0 28	14 50	1 46	21 0	16 34	23 2	22 56	22 50	4 31	5 27
T 7	23 5	11 15	4 32	25 24	1 49	13 35	1 59	4 16	0 22	12 33	1 16	18 20	1 40	23 22	0 28	14 51	1 46	20 59	16 34	23 3	22 57	22 50	4 31	5 28
W 8	23 9	15 16	3 52	25 28	1 52	13 58	1 58	4 4	0 21	12 30	1 16	18 21	1 40	23 22	0 28	14 51	1 46	20 59	16 33	23 3	22 57	22 50	4 31	5 28
T 9	23 14	18 35	3 2	25 29	1 54	14 20	1 56	3 51	0 19	12 27	1 15	18 23	1 40	23 22	0 28	14 52	1 46	20 58	16 33	23 3	22 57	22 50	4 31	5 28
F 10	23 18	21 4	2 4	25 28	1 55	14 42	1 55	3 39	0 18	12 25	1 15	18 25	1 40	23 23	0 28	14 53	1 46	20 57	16 32	23 3	22 57	22 50	4 30	5 28
S 11	23 22	22 34	1 2	25 24	1 56	15 3	1 53	3 26	0 16	12 22	1 15	18 26	1 40	23 23	0 28	14 53	1 46	20 57	16 32	23 3	22 58	22 50	4 30	5 29
S 12	23 25	23 4	0s 3	25 18	1 56	15 25	1 52	3 14	0 15	12 19	1 15	18 28	1 40	23 23	0 28	14 54	1 46	20 56	16 31	23 4	22 58	22 50	4 30	5 29
M13	23 28	22 30	1 8	25 9	1 55	15 46	1 50	3 1	0 13	12 16	1 15	18 30	1 40	23 23	0 28	14 54	1 46	20 55	16 31	23 3	22 58	22 50	4 30	5 29
T 14	23 30	20 57	2 10	24 59	1 54	16 7	1 48	2 48	0 12	12 12	1 15	18 31	1 40	23 24	0 28	14 55	1 46	20 55	16 30	23 3	22 59	22 50	4 30	5 29
W15	23 32	18 29	3 7	24 47	1 52	16 27	1 47	2 35	0 11	12 9	1 14	18 33	1 40	23 24	0 28	14 55	1 46	20 54	16 30	23 3	22 59	22 49	4 30	5 30
T 16	23 34	15 13	3 56	24 33	1 49	16 47	1 45	2 22	0 9	12 6	1 14	18 34	1 40	23 24	0 28	14 56	1 46	20 53	16 29	23 3	22 59	22 49	4 30	5 30
F 17	23 35	11 17	4 35	24 17	1 46	17 7	1 43	2 9	0 8	12 3	1 14	18 36	1 40	23 24	0 28	14 56	1 46	20 52	16 29	23 3	23 0	22 49	4 30	5 30
S 18	23 36	6 48	5 3	24 0	1 42	17 26	1 41	1 56	0 6	12 0	1 14	18 37	1 40	23 25	0 28	14 57	1 46	20 52	16 28	23 3	23 0	22 49	4 30	5 30
S 19	23 36	1 55	5 16	23 41	1 38	17 45	1 39	1 43	0 5	11 56	1 14	18 39	1 40	23 25	0 28	14 57	1 46	20 51	16 28	23 3	23 0	22 49	4 30	5 31
M20	23 36	3n11	5 14	23 21	1 33	18 3	1 37	1 29	0 4	11 53	1 14	18 40	1 40	23 25	0 28	14 57	1 46	20 50	16 27	23 3	23 1	22 49	4 30	5 31
T 21	23 36	8 19	4 54	23 0	1 28	18 21	1 35	1 16	0 3	11 50	1 14	18 42	1 40	23 25	0 28	14 58	1 46	20 49	16 27	23 3	23 1	22 49	4 30	5 31
W22	23 35	13 11	4 17	22 38	1 22	18 39	1 33	1 2	0 1	11 46	1 13	18 43	1 40	23 25	0 28	14 58	1 46	20 49	16 26	23 3	23 1	22 49	4 30	5 31
T 23	23 33	17 28	3 23	22 14	1 15	18 56	1 31	0 48	0s 0	11 43	1 13	18 45	1 40	23 26	0 28	14 59	1 46	20 48	16 26	23 3	23 1	22 49	4 30	5 32
F 24	23 32	20 46	2 13	21 50	1 9	19 13	1 28	0 35	0 1	11 39	1 13	18 46	1 40	23 26	0 28	14 59	1 46	20 47	16 25	23 3	23 2	22 49	4 30	5 32
S 25	23 30	22 41	0 54	21 25	1 1	19 29	1 26	0 21	0 3	11 36	1 13	18 48	1 40	23 26	0 28	15 0	1 46	20 46	16 25	23 3	23 2	22 49	4 31	5 32
S 26	23 27	22 58	0n30	20 59	0 54	19 45	1 24	0 7	0 4	11 32	1 13	18 49	1 40	23 26	0 28	15 0	1 46	20 45	16 25	23 3	23 2	22 49	4 31	5 32
M27	23 24	21 33	1 52	20 32	0 45	20 0	1 21	0s 7	0 5	11 28	1 13	18 50	1 40	23 27	0 28	15 0	1 46	20 44	16 24	23 3	23 3	22 49	4 31	5 33
T 28	23 21	18 39	3 5	20 5	0 37	20 15	1 19	0 21	0 6	11 25	1 13	18 52	1 40	23 27	0 28	15 1	1 46	20 43	16 24	23 3	23 3	22 48	4 31	5 33
W29	23 17	14 37	4 4	19 37	0 28	20 29	1 16	0 35	0 7	11 21	1 12	18 53	1 40	23 27	0 28	15 1	1 46	20 43	16 23	23 3	23 3	22 48	4 31	5 33
T 30	23n13	9n51	4n46	19n 9	0n19	20n43	1s14	0s49	0s 9	11n17	1n12	18n55	1s40	23s27	0s28	15n 2	1s46	20n42	16n23	23n 3	23n 3	22s48	4s32	5n33

Julian Day Number = 1989667.5, Delta T = 55m31s
Ecliptic obliquity = 23°36'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'30, Lahiri = 6°14'30 Julian Calendar 1 June 735 == Greg. Calendar 5 June 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

JULY 735 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 47 6	11♋ 5'53	0♎ 3	7♌25	10♊ 5	2♎16	4♍ 0	1♊18	12°R37	15♉59	15♍42	12♋ 0	11♋56	20♂16	5°R 6	F 1
S 2	18 51 2	12° 3'09	13°28	8°37	11°16	2°49	4°10	1°25	12♂35	16° 0	15°43	12° 0	11°53	20°22	5♓ 5	S 2
S 3	18 54 59	13° 0'26	26°30	9°47	12°28	3°23	4°21	1°32	12°32	16° 2	15°45	12° 0	11°49	20°29	5° 3	S 3
M 4	18 58 55	13°57'44	9♏11	10°54	13°39	3°56	4°31	1°38	12°30	16° 3	15°46	12° 0	11°46	20°35	5° 2	M 4
T 5	19 2 52	14°55'02	21°37	11°59	14°51	4°30	4°41	1°45	12°28	16° 4	15°47	12° 0	11°43	20°42	5° 0	T 5
W 6	19 6 49	15°52'20	3♐48	13° 1	16° 3	5° 4	4°51	1°51	12°25	16° 6	15°48	12° 1	11°40	20°49	4°59	W 6
T 7	19 10 45	16°49'40	15°50	14° 0	17°15	5°38	5° 2	1°57	12°23	16° 7	15°50	12° 1	11°37	20°55	4°57	T 7
F 8	19 14 42	17°47'00	27°44	14°56	18°26	6°12	5°12	2° 4	12°20	16° 8	15°51	12° 2	11°34	21° 2	4°55	F 8
S 9	19 18 38	18°44'20	9♑34	15°49	19°38	6°46	5°23	2°10	12°18	16°10	15°53	12°R 2	11°30	21° 9	4°54	S 9
S 10	19 22 35	19°41'42	21°22	16°39	20°50	7°21	5°34	2°16	12°16	16°11	15°54	12° 2	11°27	21°15	4°52	S 10
M11	19 26 31	20°39'05	3♒11	17°25	22° 2	7°56	5°45	2°22	12°13	16°12	15°56	12° 1	11°24	21°22	4°50	M11
T 12	19 30 28	21°36'28	15° 1	18° 8	23°14	8°31	5°55	2°28	12°11	16°13	15°57	12° 0	11°21	21°29	4°48	T 12
W13	19 34 25	22°33'53	26°57	18°48	24°26	9° 6	6° 6	2°34	12° 8	16°14	15°59	11°59	11°18	21°35	4°46	W13
T 14	19 38 21	23°31'19	9♓ 0	19°23	25°39	9°41	6°17	2°40	12° 6	16°15	16° 0	11°57	11°14	21°42	4°45	T 14
F 15	19 42 18	24°28'46	21°14	19°55	26°51	10°16	6°28	2°46	12° 4	16°17	16° 2	11°56	11°11	21°49	4°43	F 15
S 16	19 46 14	25°26'15	3♈41	20°22	28° 3	10°52	6°40	2°52	12° 1	16°18	16° 3	11°54	11° 8	21°55	4°41	S 16
S 17	19 50 11	26°23'45	16°24	20°45	29°15	11°28	6°51	2°58	11°59	16°19	16° 5	11°53	11° 5	22° 2	4°39	S 17
M18	19 54 7	27°21'16	29°28	21° 3	0♋28	12° 4	7° 2	3° 3	11°57	16°20	16° 7	11°D53	11° 2	22° 9	4°36	M18
T 19	19 58 4	28°18'49	12♉54	21°17	1°40	12°40	7°13	3° 9	11°55	16°21	16° 8	11°54	10°59	22°15	4°34	T 19
W20	20 2 0	29°16'23	26°45	21°25	2°53	13°16	7°25	3°15	11°52	16°21	16°10	11°55	10°55	22°22	4°32	W20
T 21	20 5 57	0♌13'59	11♊ 0	21°R28	4° 5	13°52	7°36	3°20	11°50	16°22	16°12	11°56	10°52	22°28	4°30	T 21
F 22	20 9 54	1°11'37	25°38	21°26	5°18	14°29	7°48	3°25	11°48	16°23	16°13	11°57	10°49	22°35	4°28	F 22
S 23	20 13 50	2° 9'16	10♋35	21°18	6°31	15° 5	7°59	3°31	11°46	16°24	16°15	11°R57	10°46	22°42	4°26	S 23
S 24	20 17 47	3° 6'56	25°43	21° 5	7°43	15°42	8°11	3°36	11°43	16°25	16°17	11°57	10°43	22°48	4°23	S 24
M25	20 21 43	4° 4'38	10♌54	20°46	8°56	16°19	8°23	3°41	11°41	16°26	16°19	11°56	10°40	22°55	4°21	M25
T 26	20 25 40	5° 2'21	25°57	20°22	10° 9	16°56	8°34	3°46	11°39	16°26	16°21	11°53	10°36	23° 2	4°19	T 26
W27	20 29 36	6° 0'05	10♍45	19°52	11°22	17°34	8°46	3°51	11°37	16°27	16°22	11°50	10°33	23° 8	4°16	W27
T 28	20 33 33	6°57'51	25°10	19°17	12°35	18°11	8°58	3°56	11°35	16°28	16°24	11°47	10°30	23°15	4°14	T 28
F 29	20 37 29	7°55'38	9♎ 8	18°37	13°48	18°49	9°10	4° 1	11°33	16°29	16°26	11°44	10°27	23°22	4°11	F 29
S 30	20 41 26	8°53'26	22°39	17°53	15° 1	19°26	9°22	4° 6	11°31	16°29	16°28	11°41	10°24	23°28	4° 9	S 30
S 31	20 45 23	9♌51'15	5♏42	17♌ 5	16♋14	20♎ 4	9♍34	4♊11	11♂29	16♉30	16♍30	11°D40	10♋20	23♂35	4♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 8	4n44	5n11	18n41	0n 9	20n56	1s11	1s 3	0s10	11n14	1n12	18n56	1s40	23s28	0s28	15n 2	1s47	20n41	16n22	23n 3	23n 4	22s48	4s32	5n34
S 2	23 3	0s28	5 18	18 13	0s 1	21 9	1 9	1 18	0 11	11 10	1 12	18 57	1 40	23 28	0 28	15 2	1 47	20 40	16 22	23 3	23 4	22 48	4 32	5 34
S 3	22 58	5 30	5 8	17 44	0 11	21 21	1 6	1 32	0 12	11 6	1 12	18 58	1 40	23 28	0 28	15 3	1 47	20 39	16 21	23 3	23 4	22 48	4 32	5 34
M 4	22 52	10 11	4 43	17 16	0 22	21 33	1 4	1 47	0 13	11 2	1 12	19 0	1 40	23 28	0 28	15 3	1 47	20 38	16 21	23 3	23 5	22 48	4 33	5 34
T 5	22 46	14 21	4 5	16 48	0 33	21 44	1 1	2 1	0 14	10 58	1 12	19 1	1 40	23 29	0 28	15 3	1 47	20 37	16 21	23 3	23 5	22 47	4 33	5 34
W 6	22 39	17 50	3 17	16 20	0 44	21 54	0 58	2 16	0 15	10 54	1 12	19 2	1 40	23 29	0 28	15 4	1 47	20 36	16 20	23 3	23 5	22 47	4 34	5 35
T 7	22 32	20 31	2 21	15 52	0 55	22 4	0 56	2 30	0 16	10 50	1 12	19 3	1 40	23 29	0 28	15 4	1 47	20 35	16 20	23 3	23 5	22 47	4 34	5 35
F 8	22 25	22 16	1 19	15 24	1 7	22 13	0 53	2 45	0 18	10 46	1 11	19 5	1 40	23 29	0 28	15 4	1 47	20 35	16 19	23 3	23 6	22 47	4 34	5 35
S 9	22 17	23 2	0 14	14 57	1 18	22 22	0 50	2 59	0 19	10 42	1 11	19 6	1 40	23 30	0 28	15 5	1 47	20 34	16 19	23 3	23 6	22 47	4 35	5 35
S 10	22 9	22 44	0s52	14 31	1 30	22 30	0 47	3 14	0 20	10 38	1 11	19 7	1 40	23 30	0 28	15 5	1 47	20 33	16 19	23 3	23 6	22 47	4 35	5 35
M11	22 0	21 26	1 55	14 5	1 43	22 37	0 45	3 29	0 21	10 34	1 11	19 8	1 40	23 30	0 28	15 5	1 47	20 32	16 18	23 3	23 7	22 46	4 36	5 36
T 12	21 51	19 12	2 53	13 41	1 55	22 44	0 42	3 44	0 22	10 30	1 11	19 9	1 41	23 30	0 28	15 6	1 47	20 31	16 18	23 3	23 7	22 46	4 36	5 36
W13	21 42	16 7	3 44	13 17	2 7	22 50	0 39	3 59	0 23	10 26	1 11	19 10	1 41	23 30	0 28	15 6	1 47	20 30	16 17	23 3	23 7	22 46	4 37	5 36
T 14	21 32	12 21	4 26	12 54	2 19	22 56	0 36	4 14	0 24	10 22	1 11	19 11	1 41	23 31	0 28	15 6	1 47	20 29	16 17	23 4	23 7	22 46	4 37	5 36
F 15	21 22	8 2	4 56	12 33	2 32	23 0	0 33	4 28	0 25	10 17	1 11	19 12	1 41	23 31	0 28	15 6	1 47	20 28	16 17	23 4	23 8	22 46	4 38	5 36
S 16	21 12	3 19	5 13	12 12	2 44	23 5	0 31	4 43	0 26	10 13	1 11	19 14	1 41	23 31	0 28	15 7	1 47	20 27	16 16	23 4	23 8	22 45	4 38	5 37
S 17	21 1	1n38	5 16	11 54	2 56	23 8	0 28	4 58	0 27	10 9	1 11	19 15	1 41	23 31	0 28	15 7	1 47	20 26	16 16	23 4	23 8	22 45	4 39	5 37
M18	20 50	6 39	5 2	11 37	3 8	23 11	0 25	5 13	0 28	10 5	1 10	19 16	1 41	23 31	0 28	15 7	1 47	20 25	16 16	23 4	23 8	22 45	4 39	5 37
T 19	20 38	11 30	4 32	11 21	3 19	23 13	0 22	5 29	0 29	10 0	1 10	19 17	1 41	23 32	0 28	15 7	1 47	20 24	16 15	23 4	23 9	22 45	4 40	5 37
W20	20 26	15 55	3 45	11 8	3 31	23 15	0 19	5 44	0 30	9 56	1 10	19 18	1 41	23 32	0 28	15 8	1 47	20 23	16 15	23 4	23 9	22 44	4 41	5 37
T 21	20 14	19 33	2 43	10 57	3 42	23 16	0 16	5 59	0 31	9 52	1 10	19 19	1 41	23 32	0 28	15 8	1 48	20 22	16 14	23 4	23 9	22 44	4 41	5 37
F 22	20 2	22 3	1 29	10 48	3 52	23 16	0 14	6 14	0 32	9 47	1 10	19 20	1 41	23 32	0 28	15 8	1 48	20 21	16 14	23 4	23 9	22 44	4 42	5 37
S 23	19 49	23 3	0 8	10 41	4 1	23 16	0 11	6 29	0 32	9 43	1 10	19 20	1 41	23 32	0 28	15 8	1 48	20 20	16 14	23 4	23 10	22 44	4 43	5 38
S 24	19 36	22 23	1n15	10 37	4 10	23 14	0 8	6 44	0 33	9 38	1 10	19 21	1 41	23 33	0 28	15 8	1 48	20 19	16 13	23 4	23 10	22 43	4 43	5 38
M25	19 22	20 4	2 33	10 35	4 18	23 13	0 5	6 59	0 34	9 34	1 10	19 22	1 42	23 33	0 28	15 9	1 48	20 18	16 13	23 4	23 10	22 43	4 44	5 38
T 26	19 8	16 23	3 39	10 36	4 25	23 10	0 3	7 14	0 35	9 29	1 10	19 23	1 42	23 33	0 28	15 9	1 48	20 17	16 13	23 4	23 11	22 43	4 45	5 38
W27	18 54	11 44	4 30	10 40	4 31	23 7	0n 0	7 30	0 36	9 25	1 10	19 24	1 42	23 33	0 28	15 9	1 48	20 16	16 13	23 4	23 11	22 43	4 46	5 38
T 28	18 39	6 32	5 1	10 47	4 35	23 3	0 3	7 45	0 37	9 20	1 10	19 25	1 42	23 33	0 28	15 9	1 48	20 15	16 12	23 5	23 11	22 42	4 46	5 38
F 29	18 25	1 10	5 14	10 57	4 38	22 59	0 6	8 0	0 38	9 16	1 10	19 26	1 42	23 34	0 28	15 9	1 48	20 14	16 12	23 5	23 11	22 42	4 47	5 38
S 30	18 9	4s 5	5 9	11 9	4 39	22 53	0 8	8 15	0 39	9 11	1 10	19 26	1 42	23 34	0 28	15 9	1 48	20 13	16 12	23 5	23 12	22 42	4 48	5 38
S 31	17n54	9s 0	4n47	11n24	4s38	22n47	0n11	8s30	0s40	9n 6	1n 9	19n27	1s42	23s34	0s28	15n 9	1s48	20n12	16n11	23n 5	23n12	22s41	4s49	5n39

Julian Day Number = 1989697.5, Delta T = 55m31s
Ecliptic obliquity = 23°36'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'34, Lahiri = 6°14'34 Julian Calendar 1 July 735 == Greg. Calendar 5 July 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

AUGUST 735 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 49 19	10♌49'05	18♏23	16°R14	17♋27	20♎42	9♍46	4♊15	11°R27	16♉30	16♍32	11♋41	10♋17	23♂42	4°R 4	M 1
T 2	20 53 16	11°46'57	0♐43	15♌21	18°40	21°20	9°58	4°20	11♂25	16°31	16°34	11°42	10°14	23°48	4♓ 1	T 2
W 3	20 57 12	12°44'50	12°49	14°27	19°53	21°59	10°10	4°24	11°23	16°31	16°36	11°43	10°11	23°55	3°59	W 3
T 4	21 1 9	13°42'45	24°45	13°33	21° 6	22°37	10°23	4°29	11°21	16°32	16°38	11°45	10° 8	24° 2	3°56	T 4
F 5	21 5 5	14°40'40	6♂34	12°39	22°20	23°16	10°35	4°33	11°19	16°32	16°40	11°R46	10° 5	24° 8	3°53	F 5
S 6	21 9 2	15°38'38	18°22	11°48	23°33	23°54	10°47	4°37	11°17	16°33	16°42	11°46	10° 1	24°15	3°51	S 6
S 7	21 12 58	16°36'37	0♒10	11° 0	24°46	24°33	10°59	4°41	11°15	16°33	16°44	11°44	9°58	24°22	3°48	S 7
M 8	21 16 55	17°34'37	12° 2	10°17	26° 0	25°12	11°12	4°45	11°13	16°33	16°46	11°41	9°55	24°28	3°46	M 8
T 9	21 20 52	18°32'39	24° 0	9°39	27°13	25°51	11°24	4°49	11°12	16°34	16°48	11°36	9°52	24°35	3°43	T 9
W10	21 24 48	19°30'43	6♓ 5	9° 7	28°27	26°30	11°37	4°53	11°10	16°34	16°50	11°30	9°49	24°41	3°40	W10
T 11	21 28 45	20°28'49	18°19	8°42	29°41	27° 9	11°49	4°57	11° 8	16°34	16°52	11°23	9°46	24°48	3°37	T 11
F 12	21 32 41	21°26'56	0♈43	8°25	0♌54	27°49	12° 2	5° 1	11° 7	16°34	16°54	11°16	9°42	24°55	3°35	F 12
S 13	21 36 38	22°25'06	13°20	8°17	2° 8	28°28	12°14	5° 4	11° 5	16°34	16°57	11°10	9°39	25° 1	3°32	S 13
S 14	21 40 34	23°23'17	26°10	8°D16	3°22	29° 8	12°27	5° 8	11° 3	16°35	16°59	11° 5	9°36	25° 8	3°29	S 14
M15	21 44 31	24°21'31	9♉15	8°25	4°35	29°48	12°39	5°11	11° 2	16°35	17° 1	11° 2	9°33	25°15	3°26	M15
T 16	21 48 27	25°19'46	22°38	8°42	5°49	0♏27	12°52	5°14	11° 0	16°35	17° 3	11°D 1	9°30	25°21	3°24	T 16
W17	21 52 24	26°18'04	6♊19	9° 8	7° 3	1° 7	13° 5	5°17	10°59	16°R35	17° 5	11° 1	9°26	25°28	3°21	W17
T 18	21 56 20	27°16'24	20°21	9°43	8°17	1°47	13°17	5°21	10°57	16°35	17° 7	11° 2	9°23	25°35	3°18	T 18
F 19	22 0 17	28°14'47	4♋43	10°26	9°31	2°28	13°30	5°24	10°56	16°35	17°10	11°R 3	9°20	25°41	3°15	F 19
S 20	22 4 14	29°13'11	19°23	11°17	10°45	3° 8	13°43	5°26	10°55	16°35	17°12	11° 3	9°17	25°48	3°12	S 20
S 21	22 8 10	0♍11'38	4♌16	12°16	11°59	3°48	13°56	5°29	10°53	16°34	17°14	11° 1	9°14	25°55	3° 9	S 21
M22	22 12 7	1°10'07	19°15	13°22	13°13	4°29	14° 8	5°32	10°52	16°34	17°16	10°57	9°11	26° 1	3° 7	M22
T 23	22 16 3	2° 8'37	4♍13	14°34	14°27	5°10	14°21	5°35	10°51	16°34	17°19	10°51	9° 7	26° 8	3° 4	T 23
W24	22 20 0	3° 7'10	18°59	15°52	15°41	5°51	14°34	5°37	10°50	16°34	17°21	10°43	9° 4	26°15	3° 1	W24
T 25	22 23 56	4° 5'44	3♎27	17°16	16°56	6°31	14°47	5°39	10°49	16°34	17°23	10°34	9° 1	26°21	2°58	T 25
F 26	22 27 53	5° 4'20	17°30	18°45	18°10	7°12	15° 0	5°42	10°48	16°33	17°25	10°26	8°58	26°28	2°55	F 26
S 27	22 31 49	6° 2'58	1♏ 5	20°18	19°24	7°54	15°13	5°44	10°46	16°33	17°28	10°20	8°55	26°35	2°52	S 27
S 28	22 35 46	7° 1'37	14°13	21°55	20°38	8°35	15°26	5°46	10°45	16°33	17°30	10°15	8°51	26°41	2°50	S 28
M29	22 39 43	8° 0'19	26°56	23°35	21°53	9°16	15°39	5°48	10°45	16°32	17°32	10°12	8°48	26°48	2°47	M29
T 30	22 43 39	8°59'02	9♐17	25°17	23° 7	9°58	15°52	5°50	10°44	16°32	17°34	10°D12	8°45	26°54	2°44	T 30
W31	22 47 36	9♍57'47	21♐22	27♌ 2	24♌22	10♏39	16♍ 5	5♊52	10♂43	16♉32	17♍37	10♋12	8♋42	27♂ 1	2♓41	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n38	13s22	4n12	11n42	4s36	22n41	0n14	8s46	0s40	9n 2	1n 9	19n28	1s42	23s34	0s28	15n10	1s48	20n11	16n11	23n 5	23n12	22s41	4s50	5n39
T 2	17 22	17 4	3 26	12 1	4 31	22 34	0 16	9 1	0 41	8 57	1 9	19 29	1 42	23 34	0 28	15 10	1 48	20 10	16 11	23 5	23 12	22 41	4 50	5 39
W 3	17 6	19 58	2 32	12 23	4 25	22 26	0 19	9 16	0 42	8 52	1 9	19 29	1 42	23 34	0 28	15 10	1 48	20 9	16 11	23 5	23 13	22 41	4 51	5 39
T 4	16 49	21 58	1 32	12 46	4 17	22 17	0 21	9 31	0 43	8 48	1 9	19 30	1 42	23 35	0 28	15 10	1 48	20 8	16 10	23 5	23 13	22 40	4 52	5 39
F 5	16 32	22 58	0 28	13 11	4 6	22 8	0 24	9 46	0 44	8 43	1 9	19 31	1 43	23 35	0 28	15 10	1 48	20 7	16 10	23 5	23 13	22 40	4 53	5 39
S 6	16 15	22 56	0s36	13 36	3 55	21 58	0 27	10 1	0 44	8 38	1 9	19 32	1 43	23 35	0 28	15 10	1 48	20 6	16 10	23 5	23 13	22 40	4 54	5 39
S 7	15 58	21 52	1 39	14 2	3 41	21 48	0 29	10 17	0 45	8 33	1 9	19 32	1 43	23 35	0 28	15 10	1 48	20 5	16 10	23 5	23 13	22 39	4 55	5 39
M 8	15 40	19 49	2 38	14 28	3 26	21 36	0 31	10 32	0 46	8 29	1 9	19 33	1 43	23 35	0 28	15 10	1 49	20 4	16 9	23 5	23 14	22 39	4 56	5 39
T 9	15 22	16 54	3 30	14 54	3 10	21 25	0 34	10 47	0 47	8 24	1 9	19 33	1 43	23 35	0 28	15 10	1 49	20 3	16 9	23 6	23 14	22 38	4 57	5 39
W10	15 4	13 15	4 13	15 19	2 53	21 12	0 36	11 2	0 47	8 19	1 9	19 34	1 43	23 36	0 28	15 10	1 49	20 2	16 9	23 6	23 14	22 38	4 58	5 39
T 11	14 46	9 1	4 45	15 42	2 35	20 59	0 39	11 17	0 48	8 14	1 9	19 35	1 43	23 36	0 28	15 10	1 49	20 1	16 9	23 7	23 14	22 38	4 59	5 39
F 12	14 27	4 22	5 5	16 5	2 17	20 45	0 41	11 32	0 49	8 9	1 9	19 35	1 43	23 36	0 28	15 10	1 49	20 0	16 9	23 7	23 15	22 37	5 0	5 39
S 13	14 8	0n33	5 9	16 25	1 58	20 31	0 43	11 47	0 50	8 4	1 9	19 36	1 43	23 36	0 28	15 10	1 49	19 59	16 8	23 8	23 15	22 37	5 0	5 39
S 14	13 49	5 31	4 59	16 43	1 40	20 16	0 45	12 1	0 50	8 0	1 9	19 36	1 44	23 36	0 28	15 10	1 49	19 58	16 8	23 8	23 15	22 37	5 1	5 39
M15	13 30	10 21	4 33	16 59	1 21	20 1	0 47	12 16	0 51	7 55	1 9	19 37	1 44	23 36	0 28	15 10	1 49	19 57	16 8	23 8	23 15	22 36	5 2	5 39
T 16	13 10	14 49	3 52	17 12	1 3	19 45	0 50	12 31	0 52	7 50	1 9	19 37	1 44	23 36	0 28	15 10	1 49	19 56	16 8	23 9	23 16	22 36	5 3	5 39
W17	12 50	18 37	2 57	17 22	0 45	19 28	0 52	12 46	0 52	7 45	1 9	19 38	1 44	23 36	0 28	15 10	1 49	19 55	16 8	23 8	23 16	22 35	5 4	5 39
T 18	12 30	21 26	1 50	17 29	0 28	19 11	0 54	13 0	0 53	7 40	1 9	19 38	1 44	23 36	0 28	15 10	1 49	19 54	16 8	23 8	23 16	22 35	5 5	5 39
F 19	12 10	22 57	0 34	17 34	0 12	18 53	0 56	13 15	0 54	7 35	1 9	19 38	1 44	23 37	0 28	15 10	1 49	19 53	16 8	23 8	23 16	22 35	5 6	5 39
S 20	11 49	22 56	0n45	17 34	0n 4	18 35	0 57	13 30	0 54	7 30	1 9	19 39	1 44	23 37	0 28	15 10	1 49	19 52	16 7	23 8	23 16	22 34	5 7	5 39
S 21	11 29	21 18	2 2	17 32	0 19	18 16	0 59	13 44	0 55	7 25	1 9	19 39	1 44	23 37	0 28	15 10	1 49	19 51	16 7	23 8	23 17	22 34	5 8	5 39
M22	11 8	18 10	3 11	17 26	0 32	17 56	1 1	13 59	0 56	7 20	1 9	19 40	1 44	23 37	0 28	15 10	1 49	19 50	16 7	23 9	23 17	22 33	5 10	5 39
T 23	10 47	13 51	4 7	17 17	0 45	17 37	1 3	14 13	0 56	7 15	1 9	19 40	1 45	23 37	0 28	15 9	1 49	19 49	16 7	23 9	23 17	22 33	5 11	5 39
W24	10 26	8 45	4 45	17 5	0 56	17 16	1 5	14 27	0 57	7 10	1 9	19 40	1 45	23 37	0 28	15 9	1 49	19 48	16 7	23 10	23 17	22 32	5 12	5 39
T 25	10 4	3 16	5 4	16 49	1 6	16 55	1 6	14 42	0 58	7 5	1 9	19 41	1 45	23 37	0 28	15 9	1 50	19 47	16 7	23 11	23 18	22 32	5 13	5 39
F 26	9 43	2s14	5 4	16 30	1 15	16 34	1 8	14 56	0 58	7 0	1 9	19 41	1 45	23 37	0 28	15 9	1 50	19 46	16 7	23 11	23 18	22 32	5 14	5 39
S 27	9 21	7 27	4 47	16 8	1 23	16 12	1 9	15 10	0 59	6 55	1 9	19 41	1 45	23 37	0 28	15 9	1 50	19 45	16 7	23 12	23 18	22 31	5 15	5 39
S 28	8 59	12 10	4 15	15 43	1 30	15 50	1 11	15 24	0 59	6 50	1 8	19 41	1 45	23 37	0 28	15 9	1 50	19 44	16 7	23 12	23 18	22 31	5 16	5 39
M29	8 37	16 11	3 31	15 16	1 36	15 27	1 12	15 38	1 0	6 45	1 8	19 42	1 45	23 37	0 28	15 9	1 50	19 43	16 7	23 12	23 18	22 30	5 17	5 39
T 30	8 15	19 23	2 38	14 46	1 41	15 4	1 14	15 51	1 1	6 40	1 8	19 42	1 45	23 37	0 28	15 8	1 50	19 42	16 7	23 12	23 19	22 30	5 18	5 39
W31	7n53	21s40	1n39	14n14	1n45	14n40	1n15	16s 5	1s 1	6n35	1n 8	19n42	1s46	23s38	0s28	15n 8	1s50	19n41	16n 7	23n12	23n19	22s29	5s19	5n39

Julian Day Number = 1989728.5, Delta T = 55m30s
Ecliptic obliquity = 23°36'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'38, Lahiri = 6°14'38 Julian Calendar 1 Aug. 735 == Greg. Calendar 5 Aug. 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

SEPTEMBER 735 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 51 32	10♍56'34	3♉16	28♌48	25♌36	11♏21	16♍18	5♊53	10°R42	16°R31	17♍39	10♋13	8♋39	27♉ 8	2°R38	T 1
F 2	22 55 29	11°55'23	15° 4	0♍35	26°50	12° 2	16°31	5°55	10♉41	16♉31	17°41	10°R13	8°36	27°14	2♓36	F 2
S 3	22 59 25	12°54'13	26°52	2°24	28° 5	12°44	16°44	5°56	10°40	16°30	17°44	10°11	8°32	27°21	2°33	S 3
S 4	23 3 22	13°53'06	8♒42	4°13	29°20	13°26	16°57	5°57	10°40	16°29	17°46	10° 8	8°29	27°28	2°30	S 4
M 5	23 7 18	14°52'00	20°40	6° 2	0♍34	14° 8	17°10	5°59	10°39	16°29	17°48	10° 1	8°26	27°34	2°27	M 5
T 6	23 11 15	15°50'56	2♓47	7°52	1°49	14°50	17°23	6° 0	10°39	16°28	17°50	9°52	8°23	27°41	2°25	T 6
W 7	23 15 12	16°49'54	15° 5	9°41	3° 3	15°33	17°36	6° 1	10°38	16°28	17°53	9°41	8°20	27°48	2°22	W 7
T 8	23 19 8	17°48'54	27°35	11°30	4°18	16°15	17°49	6° 2	10°37	16°27	17°55	9°29	8°17	27°54	2°19	T 8
F 9	23 23 5	18°47'56	10♈17	13°19	5°33	16°57	18° 2	6° 2	10°37	16°26	17°57	9°17	8°13	28° 1	2°17	F 9
S 10	23 27 1	19°47'01	23°11	15° 8	6°48	17°40	18°15	6° 3	10°37	16°25	18° 0	9° 6	8°10	28° 8	2°14	S 10
S 11	23 30 58	20°46'08	6♉16	16°56	8° 2	18°22	18°28	6° 4	10°36	16°25	18° 2	8°57	8° 7	28°14	2°11	S 11
M12	23 34 54	21°45'17	19°33	18°43	9°17	19° 5	18°41	6° 4	10°36	16°24	18° 4	8°50	8° 4	28°21	2° 9	M12
T 13	23 38 51	22°44'28	3♊ 1	20°30	10°32	19°48	18°54	6° 4	10°36	16°23	18° 7	8°47	8° 1	28°28	2° 6	T 13
W14	23 42 47	23°43'42	16°42	22°16	11°47	20°31	19° 7	6° 5	10°36	16°22	18° 9	8°45	7°57	28°34	2° 3	W14
T 15	23 46 44	24°42'59	0♋36	24° 1	13° 2	21°14	19°20	6°R 5	10°35	16°21	18°11	8°45	7°54	28°41	2° 1	T 15
F 16	23 50 40	25°42'18	14°44	25°46	14°17	21°57	19°33	6° 5	10°35	16°20	18°13	8°45	7°51	28°48	1°58	F 16
S 17	23 54 37	26°41'39	29° 4	27°29	15°32	22°40	19°46	6° 5	10°D35	16°19	18°16	8°44	7°48	28°54	1°56	S 17
S 18	23 58 34	27°41'02	13♌34	29°13	16°47	23°23	19°58	6° 4	10°35	16°18	18°18	8°40	7°45	29° 1	1°53	S 18
M19	0 2 30	28°40'28	28°11	0♎55	18° 2	24° 6	20°11	6° 4	10°35	16°17	18°20	8°34	7°42	29° 8	1°51	M19
T 20	0 6 27	29°39'56	12♍48	2°36	19°17	24°50	20°24	6° 4	10°36	16°16	18°23	8°25	7°38	29°14	1°48	T 20
W21	0 10 23	0♎39'26	27°19	4°17	20°32	25°33	20°37	6° 3	10°36	16°15	18°25	8°14	7°35	29°21	1°46	W21
T 22	0 14 20	1°38'59	11♎35	5°58	21°47	26°17	20°50	6° 2	10°36	16°14	18°27	8° 1	7°32	29°28	1°44	T 22
F 23	0 18 16	2°38'33	25°32	7°37	23° 2	27° 0	21° 3	6° 2	10°36	16°13	18°29	7°49	7°29	29°34	1°41	F 23
S 24	0 22 13	3°38'09	9♏ 5	9°16	24°17	27°44	21°16	6° 1	10°37	16°12	18°32	7°39	7°26	29°41	1°39	S 24
S 25	0 26 9	4°37'48	22°13	10°54	25°32	28°28	21°29	6° 0	10°37	16°11	18°34	7°31	7°22	29°47	1°37	S 25
M26	0 30 6	5°37'28	4♐57	12°31	26°47	29°12	21°42	5°58	10°37	16°10	18°36	7°26	7°19	29°54	1°35	M26
T 27	0 34 3	6°37'10	17°19	14° 8	28° 2	29°56	21°55	5°57	10°38	16° 8	18°38	7°23	7°16	0♒ 1	1°32	T 27
W28	0 37 59	7°36'54	29°25	15°44	29°18	0♑40	22° 7	5°56	10°38	16° 7	18°41	7°22	7°13	0° 7	1°30	W28
T 29	0 41 56	8°36'39	11♉20	17°20	0♎33	1°24	22°20	5°54	10°39	16° 6	18°43	7°22	7°10	0°14	1°28	T 29
F 30	0 45 52	9♎36'26	23♉ 9	18♎55	1♎48	2♑ 8	22♍33	5♊53	10♉40	16♉ 5	18♍45	7♋22	7♋ 7	0♒21	1♓26	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n31	22s57	0n37	13n39	1n48	14n16	1n16	16s19	1s 2	6n30	1n 8	19n42	1s46	23s38	0s28	15n 8	1s50	19n40	16n 7	23n12	23n19	22s29	5s20	5n39
F 2	7 8	23 10	0s26	13 3	1 50	13 52	1 17	16 32	1 2	6 25	1 9	19 42	1 46	23 38	0 28	15 8	1 50	19 39	16 7	23 12	23 19	22 28	5 21	5 39
S 3	6 46	22 22	1 28	12 25	1 51	13 27	1 18	16 46	1 3	6 20	1 9	19 42	1 46	23 38	0 28	15 8	1 50	19 38	16 7	23 12	23 20	22 28	5 22	5 38
S 4	6 23	20 33	2 26	11 46	1 52	13 1	1 19	16 59	1 3	6 14	1 9	19 42	1 46	23 38	0 28	15 7	1 50	19 37	16 7	23 13	23 20	22 27	5 23	5 38
M 5	6 0	17 50	3 18	11 5	1 51	12 36	1 20	17 12	1 4	6 9	1 9	19 43	1 46	23 38	0 28	15 7	1 50	19 36	16 7	23 13	23 20	22 27	5 25	5 38
T 6	5 37	14 18	4 2	10 23	1 50	12 10	1 21	17 25	1 4	6 4	1 9	19 43	1 46	23 38	0 28	15 7	1 50	19 35	16 7	23 14	23 20	22 26	5 26	5 38
W 7	5 14	10 8	4 35	9 40	1 49	11 44	1 22	17 38	1 5	5 59	1 9	19 43	1 46	23 38	0 28	15 7	1 50	19 34	16 7	23 15	23 20	22 26	5 27	5 38
T 8	4 51	5 29	4 56	8 56	1 47	11 17	1 23	17 51	1 5	5 54	1 9	19 43	1 46	23 38	0 28	15 7	1 50	19 34	16 7	23 16	23 21	22 25	5 28	5 38
F 9	4 28	0 32	5 2	8 12	1 44	10 50	1 24	18 4	1 6	5 49	1 9	19 43	1 47	23 38	0 28	15 6	1 50	19 33	16 7	23 17	23 21	22 25	5 29	5 38
S 10	4 4	4n32	4 53	7 27	1 41	10 23	1 24	18 17	1 6	5 44	1 9	19 43	1 47	23 38	0 27	15 6	1 50	19 32	16 7	23 17	23 21	22 24	5 30	5 38
S 11	3 41	9 28	4 29	6 41	1 37	9 55	1 25	18 29	1 7	5 39	1 9	19 43	1 47	23 38	0 27	15 6	1 50	19 31	16 7	23 18	23 21	22 24	5 31	5 37
M12	3 18	14 3	3 50	5 55	1 33	9 27	1 25	18 41	1 7	5 34	1 9	19 43	1 47	23 38	0 27	15 5	1 50	19 30	16 7	23 18	23 21	22 23	5 32	5 37
T 13	2 54	18 0	2 57	5 9	1 29	8 59	1 26	18 54	1 8	5 29	1 9	19 43	1 47	23 38	0 27	15 5	1 51	19 29	16 7	23 19	23 22	22 22	5 33	5 37
W14	2 30	21 2	1 54	4 23	1 25	8 31	1 26	19 6	1 8	5 23	1 9	19 43	1 47	23 38	0 27	15 5	1 51	19 28	16 7	23 19	23 22	22 22	5 34	5 37
T 15	2 7	22 53	0 43	3 36	1 20	8 2	1 26	19 17	1 9	5 18	1 9	19 42	1 47	23 38	0 27	15 5	1 51	19 28	16 7	23 19	23 22	22 21	5 35	5 37
F 16	1 43	23 18	0n32	2 50	1 14	7 34	1 27	19 29	1 9	5 13	1 9	19 42	1 47	23 38	0 27	15 4	1 51	19 27	16 7	23 19	23 22	22 21	5 36	5 37
S 17	1 19	22 12	1 45	2 3	1 9	7 5	1 27	19 41	1 9	5 8	1 9	19 42	1 48	23 38	0 27	15 4	1 51	19 26	16 7	23 19	23 22	22 20	5 37	5 36
S 18	0 56	19 37	2 53	1 17	1 3	6 35	1 27	19 52	1 10	5 3	1 9	19 42	1 48	23 38	0 27	15 4	1 51	19 25	16 7	23 19	23 22	22 20	5 38	5 36
M19	0 32	15 46	3 50	0 31	0 57	6 6	1 27	20 4	1 10	4 58	1 9	19 42	1 48	23 38	0 27	15 3	1 51	19 24	16 7	23 19	23 23	22 19	5 39	5 36
T 20	0 8	10 58	4 32	0s16	0 51	5 36	1 27	20 15	1 11	4 53	1 9	19 42	1 48	23 38	0 27	15 3	1 51	19 23	16 8	23 20	23 23	22 18	5 41	5 36
W21	0s16	5 35	4 55	1 2	0 45	5 6	1 27	20 26	1 11	4 48	1 9	19 41	1 48	23 38	0 27	15 3	1 51	19 23	16 8	23 21	23 23	22 18	5 42	5 36
T 22	0 40	0s 1	5 0	1 47	0 39	4 37	1 27	20 36	1 11	4 43	1 9	19 41	1 48	23 38	0 27	15 2	1 51	19 22	16 8	23 21	23 23	22 17	5 43	5 35
F 23	1 3	5 29	4 47	2 33	0 32	4 6	1 27	20 47	1 12	4 38	1 9	19 41	1 48	23 38	0 27	15 2	1 51	19 21	16 8	23 22	23 23	22 17	5 44	5 35
S 24	1 27	10 34	4 17	3 18	0 26	3 36	1 26	20 58	1 12	4 33	1 9	19 41	1 48	23 38	0 27	15 2	1 51	19 20	16 8	23 23	23 24	22 16	5 45	5 35
S 25	1 51	14 59	3 35	4 3	0 19	3 6	1 26	21 8	1 12	4 28	1 9	19 40	1 48	23 38	0 27	15 1	1 51	19 20	16 8	23 23	23 24	22 15	5 46	5 35
M26	2 15	18 36	2 43	4 47	0 13	2 35	1 25	21 18	1 13	4 22	1 9	19 40	1 49	23 38	0 27	15 1	1 51	19 19	16 9	23 24	23 24	22 15	5 47	5 34
T 27	2 39	21 16	1 44	5 31	0 6	2 5	1 25	21 28	1 13	4 17	1 9	19 40	1 49	23 38	0 27	15 0	1 51	19 18	16 9	23 24	23 24	22 14	5 48	5 34
W28	3 2	22 54	0 42	6 15	0s 1	1 34	1 24	21 37	1 13	4 12	1 9	19 39	1 49	23 37	0 27	15 0	1 51	19 18	16 9	23 24	23 24	22 13	5 49	5 34
T 29	3 26	23 28	0s21	6 58	0 8	1 4	1 24	21 47	1 14	4 7	1 9	19 39	1 49	23 37	0 27	15 0	1 51	19 17	16 9	23 24	23 24	22 13	5 50	5 34
F 30	3s50	22s57	1s23	7s41	0s14	0n33	1n23	21s56	1s14	4n 2	1n10	19n39	1s49	23s37	0s27	14n59	1s51	19n16	16n 9	23n24	23n25	22s12	5s51	5n34

Julian Day Number = 1989759.5, Delta T = 55m29s
Ecliptic obliquity = 23°36'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'42, Lahiri = 6°14'43 Julian Calendar 1 Sept. 735 == Greg. Calendar 5 Sept. 735

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 735
geocentric

OCTOBER 735 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 49 49	10♎36'16	4♒58	20♎29	3♎ 3	2♐52	22♍46	5°R51	10♑40	16°R 3	18♍47	7°R20	7♋ 3	0♒27	1°R24	S 1
S 2	0 53 45	11°36'06	16°51	22° 3	4°18	3°37	22°58	5♊49	10°41	16♉ 2	18°49	7♋16	7° 0	0°34	1♓22	S 2
M 3	0 57 42	12°35'59	28°53	23°36	5°34	4°21	23°11	5°48	10°42	16° 1	18°52	7° 9	6°57	0°41	1°20	M 3
T 4	1 1 38	13°35'53	11♓ 8	25° 9	6°49	5° 6	23°23	5°46	10°43	15°59	18°54	7° 0	6°54	0°47	1°18	T 4
W 5	1 5 35	14°35'50	23°39	26°41	8° 4	5°50	23°36	5°43	10°43	15°58	18°56	6°48	6°51	0°54	1°16	W 5
T 6	1 9 32	15°35'48	6♈25	28°13	9°20	6°35	23°49	5°41	10°44	15°57	18°58	6°35	6°48	1° 1	1°15	T 6
F 7	1 13 28	16°35'47	19°27	29°44	10°35	7°19	24° 1	5°39	10°45	15°55	19° 0	6°21	6°44	1° 7	1°13	F 7
S 8	1 17 25	17°35'49	2♉43	1♏15	11°50	8° 4	24°14	5°37	10°46	15°54	19° 2	6° 9	6°41	1°14	1°11	S 8
S 9	1 21 21	18°35'53	16°11	2°45	13° 6	8°49	24°26	5°34	10°48	15°52	19° 4	5°59	6°38	1°21	1° 9	S 9
M10	1 25 18	19°35'59	29°50	4°15	14°21	9°34	24°38	5°32	10°49	15°51	19° 6	5°52	6°35	1°27	1° 8	M10
T 11	1 29 14	20°36'08	13♊36	5°44	15°36	10°19	24°51	5°29	10°50	15°49	19° 8	5°48	6°32	1°34	1° 6	T 11
W12	1 33 11	21°36'18	27°29	7°12	16°52	11° 4	25° 3	5°26	10°51	15°48	19°10	5°46	6°28	1°41	1° 5	W12
T 13	1 37 7	22°36'30	11♋28	8°41	18° 7	11°49	25°15	5°23	10°52	15°46	19°12	5°D46	6°25	1°47	1° 3	T 13
F 14	1 41 4	23°36'45	25°31	10° 8	19°22	12°34	25°28	5°20	10°54	15°45	19°14	5°R46	6°22	1°54	1° 2	F 14
S 15	1 45 1	24°37'02	9♌39	11°35	20°38	13°19	25°40	5°17	10°55	15°43	19°16	5°45	6°19	2° 1	1° 0	S 15
S 16	1 48 57	25°37'21	23°50	13° 2	21°53	14° 5	25°52	5°14	10°57	15°42	19°18	5°42	6°16	2° 7	0°59	S 16
M17	1 52 54	26°37'42	8♍ 2	14°27	23° 9	14°50	26° 4	5°11	10°58	15°40	19°20	5°37	6°13	2°14	0°58	M17
T 18	1 56 50	27°38'04	22°12	15°53	24°24	15°35	26°16	5° 7	11° 0	15°38	19°22	5°28	6° 9	2°21	0°56	T 18
W19	2 0 47	28°38'29	6♎16	17°17	25°40	16°21	26°28	5° 4	11° 1	15°37	19°24	5°18	6° 6	2°27	0°55	W19
T 20	2 4 43	29°38'56	20° 9	18°41	26°55	17° 6	26°40	5° 0	11° 3	15°35	19°26	5° 7	6° 3	2°34	0°54	T 20
F 21	2 8 40	0♏39'24	3♏47	20° 3	28°11	17°52	26°52	4°57	11° 4	15°34	19°28	4°56	6° 0	2°41	0°53	F 21
S 22	2 12 36	1°39'54	17° 7	21°25	29°26	18°37	27° 4	4°53	11° 6	15°32	19°30	4°46	5°57	2°47	0°52	S 22
S 23	2 16 33	2°40'26	0♐ 6	22°46	0♏41	19°23	27°16	4°49	11° 8	15°30	19°31	4°38	5°54	2°54	0°51	S 23
M24	2 20 29	3°40'59	12°46	24° 6	1°57	20° 9	27°27	4°46	11°10	15°29	19°33	4°33	5°50	3° 1	0°50	M24
T 25	2 24 26	4°41'33	25° 7	25°24	3°12	20°55	27°39	4°42	11°11	15°27	19°35	4°31	5°47	3° 7	0°49	T 25
W26	2 28 23	5°42'09	7♑13	26°41	4°28	21°40	27°50	4°38	11°13	15°25	19°37	4°D30	5°44	3°14	0°49	W26
T 27	2 32 19	6°42'47	19° 8	27°56	5°43	22°26	28° 2	4°34	11°15	15°24	19°39	4°31	5°41	3°21	0°48	T 27
F 28	2 36 16	7°43'25	0♒57	29°10	6°59	23°12	28°13	4°30	11°17	15°22	19°40	4°32	5°38	3°27	0°47	F 28
S 29	2 40 12	8°44'05	12°46	0♐21	8°14	23°58	28°25	4°25	11°19	15°20	19°42	4°R32	5°34	3°34	0°46	S 29
S 30	2 44 9	9°44'46	24°40	1°30	9°30	24°44	28°36	4°21	11°21	15°19	19°44	4°31	5°31	3°41	0°46	S 30
M31	2 48 5	10♏45'28	6♓44	2♐36	10♏45	25♐30	28♍47	4♊17	11♑24	15♉17	19♍45	4♋27	5♋28	3♒47	0♓45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s14	21s26	2s21	8s23	0s21	0n 2	1n22	22s 5	1s14	3n57	1n10	19n38	1s49	23s37	0s27	14n59	1s51	19n15	16n10	23n24	23n25	22s11	5s51	5n33
S 2	4 37	18 57	3 13	9 5	0 28	0s29	1 22	22 14	1 15	3 52	1 10	19 38	1 49	23 37	0 27	14 58	1 51	19 15	16 10	23 24	23 25	22 11	5 52	5 33
M 3	5 1	15 38	3 57	9 46	0 35	0 59	1 21	22 23	1 15	3 47	1 10	19 38	1 49	23 37	0 27	14 58	1 51	19 14	16 10	23 24	23 25	22 10	5 53	5 33
T 4	5 24	11 36	4 31	10 26	0 41	1 30	1 20	22 31	1 15	3 42	1 10	19 37	1 49	23 37	0 27	14 58	1 51	19 14	16 10	23 25	23 25	22 9	5 54	5 32
W 5	5 47	7 1	4 53	11 6	0 48	2 1	1 19	22 40	1 15	3 38	1 10	19 37	1 49	23 37	0 27	14 57	1 51	19 13	16 11	23 26	23 25	22 9	5 55	5 32
T 6	6 11	2 2	5 0	11 46	0 55	2 32	1 18	22 48	1 16	3 33	1 10	19 36	1 50	23 37	0 27	14 57	1 51	19 12	16 11	23 26	23 26	22 8	5 56	5 32
F 7	6 34	3n 9	4 53	12 24	1 1	3 2	1 17	22 56	1 16	3 28	1 10	19 36	1 50	23 37	0 27	14 56	1 51	19 12	16 11	23 27	23 26	22 7	5 57	5 32
S 8	6 57	8 17	4 29	13 2	1 7	3 33	1 16	23 3	1 16	3 23	1 10	19 35	1 50	23 37	0 27	14 56	1 51	19 11	16 11	23 28	23 26	22 7	5 58	5 31
S 9	7 20	13 7	3 50	13 40	1 14	4 4	1 14	23 11	1 16	3 18	1 10	19 35	1 50	23 37	0 27	14 55	1 52	19 11	16 12	23 28	23 26	22 6	5 59	5 31
M10	7 43	17 21	2 58	14 16	1 20	4 34	1 13	23 18	1 16	3 13	1 10	19 34	1 50	23 36	0 27	14 55	1 52	19 10	16 12	23 28	23 26	22 5	5 59	5 31
T 11	8 6	20 42	1 55	14 52	1 26	5 5	1 12	23 25	1 17	3 8	1 10	19 34	1 50	23 36	0 27	14 54	1 52	19 9	16 12	23 28	23 26	22 4	6 0	5 31
W12	8 29	22 51	0 44	15 28	1 32	5 35	1 10	23 31	1 17	3 3	1 10	19 33	1 50	23 36	0 27	14 54	1 52	19 9	16 13	23 29	23 27	22 4	6 1	5 30
T 13	8 51	23 36	0n30	16 2	1 38	6 5	1 9	23 38	1 17	2 59	1 11	19 32	1 50	23 36	0 27	14 54	1 52	19 8	16 13	23 29	23 27	22 3	6 2	5 30
F 14	9 14	22 52	1 43	16 36	1 44	6 36	1 8	23 44	1 17	2 54	1 11	19 32	1 50	23 36	0 27	14 53	1 52	19 8	16 13	23 29	23 27	22 2	6 3	5 30
S 15	9 36	20 41	2 50	17 8	1 49	7 6	1 6	23 50	1 17	2 49	1 11	19 31	1 50	23 36	0 27	14 53	1 52	19 7	16 14	23 29	23 27	22 1	6 3	5 29
S 16	9 58	17 13	3 46	17 40	1 54	7 35	1 4	23 56	1 18	2 44	1 11	19 31	1 50	23 36	0 27	14 52	1 52	19 7	16 14	23 29	23 27	22 1	6 4	5 29
M17	10 20	12 46	4 29	18 11	1 59	8 5	1 3	24 1	1 18	2 39	1 11	19 30	1 50	23 36	0 27	14 52	1 52	19 6	16 14	23 29	23 27	22 0	6 5	5 29
T 18	10 42	7 37	4 55	18 41	2 4	8 34	1 1	24 6	1 18	2 35	1 11	19 29	1 50	23 35	0 27	14 51	1 52	19 6	16 15	23 29	23 27	21 59	6 6	5 28
W19	11 4	2 7	5 3	19 10	2 9	9 4	0 59	24 11	1 18	2 30	1 11	19 29	1 50	23 35	0 27	14 51	1 52	19 6	16 15	23 30	23 28	21 58	6 6	5 28
T 20	11 25	3s25	4 52	19 38	2 13	9 33	0 58	24 16	1 18	2 25	1 11	19 28	1 50	23 35	0 27	14 50	1 52	19 5	16 15	23 30	23 28	21 58	6 7	5 28
F 21	11 47	8 42	4 26	20 4	2 17	10 2	0 56	24 21	1 18	2 21	1 11	19 27	1 51	23 35	0 27	14 50	1 52	19 5	16 16	23 31	23 28	21 57	6 8	5 27
S 22	12 8	13 28	3 45	20 30	2 21	10 30	0 54	24 25	1 18	2 16	1 12	19 27	1 51	23 35	0 27	14 49	1 52	19 4	16 16	23 31	23 28	21 56	6 8	5 27
S 23	12 29	17 30	2 53	20 54	2 24	10 59	0 52	24 29	1 18	2 12	1 12	19 26	1 51	23 35	0 27	14 49	1 52	19 4	16 16	23 31	23 28	21 55	6 9	5 27
M24	12 50	20 36	1 54	21 18	2 27	11 27	0 50	24 32	1 19	2 7	1 12	19 25	1 51	23 34	0 27	14 48	1 52	19 4	16 17	23 31	23 28	21 54	6 10	5 26
T 25	13 10	22 41	0 50	21 40	2 29	11 55	0 48	24 36	1 19	2 2	1 12	19 24	1 51	23 34	0 27	14 48	1 52	19 3	16 17	23 31	23 28	21 54	6 10	5 26
W26	13 31	23 39	0s15	22 0	2 32	12 22	0 46	24 39	1 19	1 58	1 12	19 24	1 51	23 34	0 27	14 47	1 52	19 3	16 18	23 32	23 29	21 53	6 11	5 26
T 27	13 51	23 31	1 18	22 19	2 33	12 49	0 44	24 42	1 19	1 53	1 12	19 23	1 51	23 34	0 27	14 47	1 52	19 3	16 18	23 31	23 29	21 52	6 11	5 26
F 28	14 11	22 19	2 17	22 37	2 34	13 16	0 42	24 44	1 19	1 49	1 12	19 22	1 51	23 34	0 27	14 46	1 52	19 2	16 19	23 31	23 29	21 51	6 12	5 25
S 29	14 31	20 8	3 11	22 53	2 35	13 43	0 40	24 47	1 19	1 44	1 12	19 21	1 51	23 34	0 27	14 46	1 52	19 2	16 19	23 31	23 29	21 50	6 13	5 25
S 30	14 50	17 6	3 56	23 7	2 35	14 9	0 38	24 49	1 19	1 40	1 13	19 21	1 51	23 33	0 27	14 45	1 52	19 2	16 19	23 31	23 29	21 50	6 13	5 25
M31	15s 9	13s18	4s32	23s20	2s34	14s35	0n36	24s50	1s19	1n36	1n13	19n20	1s51	23s33	0s27	14n45	1s52	19n 2	16n20	23n32	23n29	21s49	6s14	5n24

Julian Day Number = 1989789.5, Delta T = 55m28s
Ecliptic obliquity = 23°36'09, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'46, Lahiri = 6°14'47 Julian Calendar 1 Oct. 735 == Greg. Calendar 5 Oct. 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

NOVEMBER 735 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 52 2	11♏46'11	19♓ 3	3♐39	12♏ 1	26♐16	28♍58	4°R13	11♑26	15°R15	19♍47	4°R21	5♋25	3♒54	0°R45	T 1
W 2	2 55 58	12°46'56	1♈39	4°38	13°16	27° 3	29°10	4♊ 8	11°28	15♉13	19°48	4♋14	5°22	4° 1	0♓44	W 2
T 3	2 59 55	13°47'41	14°36	5°34	14°32	27°49	29°20	4° 4	11°30	15°12	19°50	4° 5	5°19	4° 7	0°44	T 3
F 4	3 3 52	14°48'28	27°53	6°25	15°47	28°35	29°31	3°59	11°32	15°10	19°52	3°56	5°15	4°14	0°44	F 4
S 5	3 7 48	15°49'16	11♉29	7°11	17° 3	29°21	29°42	3°55	11°35	15° 8	19°53	3°47	5°12	4°21	0°44	S 5
S 6	3 11 45	16°50'05	25°22	7°51	18°18	0♑ 8	29°53	3°50	11°37	15° 7	19°55	3°41	5° 9	4°27	0°43	S 6
M 7	3 15 41	17°50'56	9♊28	8°24	19°34	0°54	0♎ 4	3°45	11°39	15° 5	19°56	3°36	5° 6	4°34	0°43	M 7
T 8	3 19 38	18°51'48	23°41	8°50	20°49	1°40	0°14	3°41	11°42	15° 3	19°57	3°34	5° 3	4°41	0°43	T 8
W 9	3 23 34	19°52'41	7♋58	9° 8	22° 5	2°27	0°25	3°36	11°44	15° 2	19°59	3°D33	5° 0	4°47	0°D43	W 9
T 10	3 27 31	20°53'36	22°15	9°R17	23°20	3°13	0°35	3°31	11°47	15° 0	20° 0	3°34	4°56	4°54	0°43	T 10
F 11	3 31 28	21°54'32	6♌29	9°16	24°36	4° 0	0°46	3°26	11°49	14°58	20° 1	3°36	4°53	5° 1	0°43	F 11
S 12	3 35 24	22°55'30	20°39	9° 5	25°51	4°46	0°56	3°22	11°52	14°57	20° 3	3°R36	4°50	5° 7	0°44	S 12
S 13	3 39 21	23°56'28	4♍41	8°42	27° 7	5°33	1° 6	3°17	11°55	14°55	20° 4	3°36	4°47	5°14	0°44	S 13
M14	3 43 17	24°57'28	18°37	8° 9	28°22	6°20	1°16	3°12	11°57	14°53	20° 5	3°34	4°44	5°21	0°44	M14
T 15	3 47 14	25°58'30	2♎24	7°24	29°38	7° 6	1°26	3° 7	12° 0	14°52	20° 7	3°30	4°40	5°27	0°44	T 15
W16	3 51 10	26°59'32	16° 1	6°28	0♐53	7°53	1°36	3° 2	12° 3	14°50	20° 8	3°24	4°37	5°34	0°45	W16
T 17	3 55 7	28° 0'36	29°26	5°23	2° 9	8°40	1°46	2°57	12° 5	14°48	20° 9	3°18	4°34	5°41	0°45	T 17
F 18	3 59 3	29° 1'40	12♏39	4°10	3°24	9°26	1°55	2°52	12° 8	14°47	20°10	3°12	4°31	5°47	0°46	F 18
S 19	4 3 0	0♐ 2'46	25°37	2°51	4°40	10°13	2° 5	2°47	12°11	14°45	20°11	3° 6	4°28	5°54	0°46	S 19
S 20	4 6 56	1° 3'52	8♐20	1°29	5°55	11° 0	2°14	2°42	12°14	14°43	20°12	3° 2	4°25	6° 1	0°47	S 20
M21	4 10 53	2° 5'00	20°48	0° 6	7°11	11°47	2°24	2°37	12°17	14°42	20°13	3° 0	4°21	6° 7	0°48	M21
T 22	4 14 50	3° 6'07	3♑ 3	28♏45	8°26	12°34	2°33	2°32	12°20	14°40	20°14	2°D59	4°18	6°14	0°49	T 22
W23	4 18 46	4° 7'16	15° 5	27°30	9°42	13°20	2°42	2°27	12°23	14°38	20°15	3° 0	4°15	6°21	0°49	W23
T 24	4 22 43	5° 8'25	26°59	26°21	10°57	14° 7	2°51	2°22	12°26	14°37	20°16	3° 2	4°12	6°27	0°50	T 24
F 25	4 26 39	6° 9'34	8♒48	25°21	12°13	14°54	3° 0	2°17	12°29	14°35	20°17	3° 3	4° 9	6°34	0°51	F 25
S 26	4 30 36	7°10'43	20°37	24°32	13°28	15°41	3° 9	2°12	12°32	14°34	20°18	3° 5	4° 5	6°41	0°52	S 26
S 27	4 34 32	8°11'53	2♓30	23°53	14°43	16°28	3°17	2° 7	12°35	14°32	20°19	3° 6	4° 2	6°47	0°53	S 27
M28	4 38 29	9°13'03	14°32	23°25	15°59	17°15	3°26	2° 2	12°38	14°31	20°19	3°R 6	3°59	6°54	0°54	M28
T 29	4 42 26	10°14'13	26°49	23° 8	17°14	18° 2	3°34	1°57	12°41	14°29	20°20	3° 5	3°56	7° 1	0°55	T 29
W30	4 46 22	11♐15'24	9♈24	23°D 1	18♐30	18♑49	3♎42	1♊53	12♑44	14♉28	20♍21	3♋ 3	3♋53	7♒ 7	0♓57	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s28	8s54	4s56	23s31	2s32	15s 1	0n34	24s52	1s19	1n31	1n13	19n19	1s51	23s33	0s27	14n44	1s52	19n 1	16n20	23n32	23n29	21s48	6s14	5n24
W 2	15 47	4 1	5 6	23 40	2 30	15 26	0 31	24 53	1 19	1 27	1 13	19 18	1 51	23 33	0 27	14 44	1 52	19 1	16 21	23 32	23 30	21 47	6 15	5 23
T 3	16 5	1n 9	5 2	23 47	2 27	15 51	0 29	24 54	1 19	1 23	1 13	19 17	1 51	23 33	0 27	14 43	1 52	19 1	16 21	23 32	23 30	21 46	6 15	5 23
F 4	16 23	6 25	4 41	23 52	2 23	16 15	0 27	24 55	1 19	1 19	1 13	19 17	1 51	23 32	0 27	14 43	1 52	19 1	16 22	23 33	23 30	21 45	6 15	5 23
S 5	16 41	11 31	4 4	23 55	2 18	16 39	0 25	24 55	1 19	1 14	1 13	19 16	1 51	23 32	0 27	14 42	1 52	19 1	16 22	23 33	23 30	21 44	6 16	5 22
S 6	16 59	16 8	3 11	23 56	2 11	17 2	0 22	24 55	1 19	1 10	1 14	19 15	1 51	23 32	0 27	14 42	1 52	19 0	16 23	23 33	23 30	21 44	6 16	5 22
M 7	17 16	19 56	2 7	23 54	2 4	17 25	0 20	24 55	1 19	1 6	1 14	19 14	1 51	23 32	0 27	14 41	1 52	19 0	16 23	23 33	23 30	21 43	6 17	5 22
T 8	17 33	22 34	0 53	23 49	1 55	17 48	0 18	24 54	1 19	1 2	1 14	19 13	1 51	23 32	0 27	14 41	1 52	19 0	16 24	23 33	23 30	21 42	6 17	5 21
W 9	17 50	23 46	0n24	23 42	1 45	18 10	0 15	24 54	1 19	0 58	1 14	19 12	1 51	23 31	0 27	14 40	1 52	19 0	16 24	23 33	23 30	21 41	6 17	5 21
T 10	18 6	23 23	1 40	23 32	1 33	18 31	0 13	24 52	1 19	0 54	1 14	19 11	1 51	23 31	0 27	14 40	1 52	19 0	16 25	23 33	23 31	21 40	6 17	5 21
F 11	18 22	21 30	2 49	23 19	1 20	18 52	0 11	24 51	1 19	0 50	1 14	19 11	1 51	23 31	0 27	14 39	1 52	19 0	16 25	23 33	23 31	21 39	6 18	5 20
S 12	18 38	18 18	3 48	23 3	1 6	19 13	0 8	24 49	1 19	0 46	1 15	19 10	1 51	23 31	0 27	14 39	1 52	19 0	16 26	23 33	23 31	21 38	6 18	5 20
S 13	18 53	14 4	4 32	22 43	0 50	19 33	0 6	24 48	1 19	0 42	1 15	19 9	1 50	23 30	0 27	14 38	1 52	19 0	16 26	23 33	23 31	21 37	6 18	5 20
M14	19 8	9 8	5 0	22 21	0 32	19 52	0 4	24 45	1 18	0 38	1 15	19 8	1 50	23 30	0 27	14 38	1 52	19 0	16 27	23 33	23 31	21 36	6 19	5 19
T 15	19 23	3 47	5 11	21 55	0 14	20 11	0 1	24 43	1 18	0 34	1 15	19 7	1 50	23 30	0 27	14 38	1 52	19 0	16 27	23 33	23 31	21 35	6 19	5 19
W16	19 37	1s41	5 3	21 26	0n 6	20 30	0s 1	24 40	1 18	0 31	1 15	19 6	1 50	23 30	0 27	14 37	1 52	19 0	16 28	23 33	23 31	21 35	6 19	5 19
T 17	19 51	7 0	4 39	20 55	0 26	20 47	0 4	24 37	1 18	0 27	1 15	19 5	1 50	23 29	0 27	14 37	1 52	19 0	16 28	23 34	23 31	21 34	6 19	5 18
F 18	20 5	11 55	4 1	20 22	0 46	21 5	0 6	24 34	1 18	0 23	1 16	19 4	1 50	23 29	0 27	14 36	1 52	19 0	16 29	23 34	23 31	21 33	6 19	5 18
S 19	20 18	16 13	3 10	19 47	1 7	21 21	0 8	24 30	1 18	0 19	1 16	19 4	1 50	23 29	0 26	14 36	1 52	19 0	16 29	23 34	23 32	21 32	6 19	5 18
S 20	20 31	19 41	2 11	19 12	1 26	21 37	0 11	24 26	1 18	0 16	1 16	19 3	1 50	23 29	0 26	14 35	1 52	19 0	16 30	23 34	23 32	21 31	6 19	5 17
M21	20 43	22 11	1 6	18 37	1 44	21 52	0 13	24 22	1 18	0 12	1 16	19 2	1 50	23 28	0 26	14 35	1 52	19 0	16 30	23 34	23 32	21 30	6 19	5 17
T 22	20 55	23 34	0s 0	18 3	2 1	22 7	0 16	24 17	1 17	0 9	1 16	19 1	1 50	23 28	0 26	14 34	1 52	19 0	16 31	23 34	23 32	21 29	6 20	5 17
W23	21 7	23 50	1 6	17 32	2 15	22 21	0 18	24 13	1 17	0 5	1 17	19 0	1 50	23 28	0 26	14 34	1 52	19 0	16 31	23 34	23 32	21 28	6 20	5 16
T 24	21 18	23 0	2 8	17 5	2 28	22 34	0 20	24 8	1 17	0 2	1 17	18 59	1 50	23 27	0 26	14 33	1 51	19 0	16 32	23 34	23 32	21 27	6 20	5 16
F 25	21 29	21 9	3 4	16 41	2 38	22 47	0 23	24 2	1 17	0s 1	1 17	18 58	1 50	23 27	0 26	14 33	1 51	19 0	16 32	23 34	23 32	21 26	6 20	5 16
S 26	21 39	18 23	3 53	16 21	2 45	22 59	0 25	23 57	1 17	0 5	1 17	18 57	1 49	23 27	0 26	14 33	1 51	19 1	16 33	23 34	23 32	21 25	6 20	5 15
S 27	21 49	14 52	4 32	16 7	2 51	23 10	0 27	23 51	1 17	0 8	1 17	18 56	1 49	23 27	0 26	14 32	1 51	19 1	16 34	23 34	23 32	21 24	6 20	5 15
M28	21 59	10 43	4 59	15 56	2 54	23 21	0 30	23 45	1 16	0 11	1 18	18 56	1 49	23 26	0 26	14 32	1 51	19 1	16 34	23 34	23 33	21 23	6 19	5 15
T 29	22 8	6 4	5 13	15 51	2 56	23 31	0 32	23 38	1 16	0 14	1 18	18 55	1 49	23 26	0 26	14 31	1 51	19 1	16 35	23 34	23 33	21 22	6 19	5 14
W30	22s17	1s 3	5s13	15s49	2n56	23s40	0s34	23s31	1s16	0s18	1n18	18n54	1s49	23s26	0s26	14n31	1s51	19n 1	16n35	23n34	23n33	21s21	6s19	5n14

Julian Day Number = 1989820.5, Delta T = 55m28s
Ecliptic obliquity = 23°36'09, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'50, Lahiri = 6°14'51 Julian Calendar 1 Nov. 735 == Greg. Calendar 5 Nov. 735

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ASTRODIENST EPHEMERIS for the year 735
geocentric

DECEMBER 735 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 50 19	12♐16'34	22♈21	23♏ 4	19♐45	19♑36	3♎51	1°R48	12♑47	14°R26	20♍22	3°R 0	3♋50	7♒14	0♓58	T 1
F 2	4 54 15	13°17'44	5♉42	23°17	21° 1	20°23	3°59	1♊43	12°50	14♉25	20°22	2♋57	3°46	7°21	0°59	F 2
S 3	4 58 12	14°18'55	19°29	23°37	22°16	21°10	4° 7	1°38	12°53	14°23	20°23	2°54	3°43	7°27	1° 1	S 3
S 4	5 2 8	15°20'06	3♊37	24° 5	23°31	21°57	4°14	1°33	12°57	14°22	20°24	2°52	3°40	7°34	1° 2	S 4
M 5	5 6 5	16°21'17	18° 5	24°40	24°47	22°44	4°22	1°29	13° 0	14°21	20°24	2°51	3°37	7°41	1° 3	M 5
T 6	5 10 1	17°22'29	2♋45	25°21	26° 2	23°31	4°30	1°24	13° 3	14°19	20°25	2°D50	3°34	7°47	1° 5	T 6
W 7	5 13 58	18°23'40	17°30	26° 7	27°18	24°18	4°37	1°19	13° 6	14°18	20°25	2°51	3°31	7°54	1° 7	W 7
T 8	5 17 55	19°24'52	2♌15	26°58	28°33	25° 6	4°44	1°15	13°10	14°17	20°26	2°51	3°27	8° 1	1° 8	T 8
F 9	5 21 51	20°26'04	16°52	27°53	29°48	25°53	4°51	1°10	13°13	14°15	20°26	2°53	3°24	8° 7	1°10	F 9
S 10	5 25 48	21°27'16	1♍17	28°52	1♑ 4	26°40	4°58	1° 6	13°16	14°14	20°26	2°53	3°21	8°14	1°12	S 10
S 11	5 29 44	22°28'29	15°27	29°55	2°19	27°27	5° 5	1° 1	13°20	14°13	20°27	2°54	3°18	8°21	1°13	S 11
M12	5 33 41	23°29'42	29°20	1♐ 0	3°34	28°14	5°12	0°57	13°23	14°11	20°27	2°R54	3°15	8°27	1°15	M12
T 13	5 37 37	24°30'55	12♎55	2° 8	4°50	29° 1	5°18	0°52	13°26	14°10	20°27	2°54	3°11	8°34	1°17	T 13
W14	5 41 34	25°32'08	26°14	3°19	6° 5	29°48	5°25	0°48	13°30	14° 9	20°28	2°53	3° 8	8°41	1°19	W14
T 15	5 45 30	26°33'21	9♏17	4°31	7°20	0♒35	5°31	0°44	13°33	14° 8	20°28	2°52	3° 5	8°47	1°21	T 15
F 16	5 49 27	27°34'35	22° 6	5°45	8°36	1°23	5°37	0°40	13°37	14° 7	20°28	2°51	3° 2	8°54	1°23	F 16
S 17	5 53 24	28°35'48	4♐42	7° 1	9°51	2°10	5°43	0°36	13°40	14° 6	20°28	2°51	2°59	9° 1	1°25	S 17
S 18	5 57 20	29°37'01	17° 6	8°19	11° 6	2°57	5°49	0°32	13°44	14° 4	20°28	2°50	2°56	9° 7	1°27	S 18
M19	6 1 17	0♑38'14	29°19	9°38	12°22	3°44	5°54	0°28	13°47	14° 3	20°28	2°D50	2°52	9°14	1°29	M19
T 20	6 5 13	1°39'27	11♑24	10°58	13°37	4°31	6° 0	0°24	13°50	14° 2	20°R28	2°50	2°49	9°21	1°32	T 20
W21	6 9 10	2°40'39	23°21	12°19	14°52	5°18	6° 5	0°20	13°54	14° 1	20°28	2°R50	2°46	9°27	1°34	W21
T 22	6 13 6	3°41'51	5♒12	13°42	16° 7	6° 5	6°10	0°16	13°57	14° 0	20°28	2°50	2°43	9°34	1°36	T 22
F 23	6 17 3	4°43'02	17° 1	15° 5	17°23	6°53	6°15	0°12	14° 1	13°59	20°28	2°50	2°40	9°41	1°39	F 23
S 24	6 21 0	5°44'12	28°50	16°29	18°38	7°40	6°20	0° 9	14° 4	13°59	20°28	2°50	2°37	9°47	1°41	S 24
S 25	6 24 56	6°45'21	10♓43	17°54	19°53	8°27	6°24	0° 5	14° 8	13°58	20°28	2°49	2°33	9°54	1°44	S 25
M26	6 28 53	7°46'30	22°43	19°20	21° 8	9°14	6°29	0° 2	14°11	13°57	20°28	2°49	2°30	10° 1	1°46	M26
T 27	6 32 49	8°47'37	4♈56	20°47	22°24	10° 1	6°33	29♉59	14°15	13°56	20°28	2°D49	2°27	10° 7	1°49	T 27
W28	6 36 46	9°48'44	17°26	22°14	23°39	10°48	6°37	29°55	14°19	13°55	20°27	2°49	2°24	10°14	1°51	W28
T 29	6 40 42	10°49'50	0♉16	23°42	24°54	11°35	6°41	29°52	14°22	13°54	20°27	2°49	2°21	10°21	1°54	T 29
F 30	6 44 39	11°50'55	13°31	25°11	26° 9	12°22	6°45	29°49	14°26	13°54	20°27	2°50	2°17	10°27	1°56	F 30
S 31	6 48 35	12♑51'58	27♉13	26♐40	27♑24	13♒ 9	6♎49	29♉46	14♑29	13♉53	20♍26	2♋51	2♋14	10♒34	1♓59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s25	4n 9	4s58	15s51	2n54	23s48	0s36	23s24	1s16	0s21	1n18	18n53	1s49	23s25	0s26	14n31	1s51	19n 2	16n36	23n34	23n33	21s20	6s19	5n14
F 2	22 33	9 20	4 26	15 57	2 52	23 56	0 39	23 17	1 15	0 24	1 18	18 52	1 49	23 25	0 26	14 30	1 51	19 2	16 36	23 34	23 33	21 19	6 19	5 13
S 3	22 40	14 14	3 37	16 6	2 48	24 3	0 41	23 10	1 15	0 27	1 19	18 51	1 49	23 25	0 26	14 30	1 51	19 2	16 37	23 34	23 33	21 18	6 19	5 13
S 4	22 47	18 29	2 35	16 18	2 43	24 9	0 43	23 2	1 15	0 30	1 19	18 51	1 48	23 24	0 26	14 29	1 51	19 2	16 38	23 34	23 33	21 17	6 19	5 13
M 5	22 54	21 43	1 21	16 31	2 37	24 15	0 45	22 54	1 15	0 32	1 19	18 50	1 48	23 24	0 26	14 29	1 51	19 3	16 38	23 34	23 33	21 16	6 18	5 12
T 6	23 0	23 34	0 1	16 47	2 31	24 20	0 47	22 46	1 14	0 35	1 19	18 49	1 48	23 24	0 26	14 29	1 51	19 3	16 39	23 34	23 33	21 15	6 18	5 12
W 7	23 5	23 47	1n20	17 5	2 24	24 24	0 49	22 37	1 14	0 38	1 19	18 48	1 48	23 23	0 26	14 28	1 51	19 3	16 39	23 34	23 33	21 14	6 18	5 12
T 8	23 11	22 19	2 36	17 23	2 17	24 27	0 51	22 28	1 14	0 41	1 20	18 47	1 48	23 23	0 26	14 28	1 51	19 4	16 40	23 34	23 33	21 13	6 18	5 11
F 9	23 15	19 23	3 41	17 43	2 9	24 29	0 53	22 19	1 14	0 43	1 20	18 47	1 48	23 23	0 26	14 28	1 51	19 4	16 41	23 34	23 33	21 12	6 17	5 11
S 10	23 19	15 18	4 30	18 4	2 2	24 31	0 55	22 10	1 13	0 46	1 20	18 46	1 48	23 22	0 26	14 27	1 51	19 4	16 41	23 34	23 34	21 11	6 17	5 11
S 11	23 23	10 25	5 3	18 25	1 54	24 32	0 57	22 0	1 13	0 48	1 20	18 45	1 47	23 22	0 26	14 27	1 51	19 5	16 42	23 34	23 34	21 9	6 17	5 10
M12	23 26	5 6	5 17	18 47	1 45	24 32	0 59	21 51	1 13	0 51	1 21	18 44	1 47	23 22	0 26	14 27	1 51	19 5	16 42	23 34	23 34	21 8	6 16	5 10
T 13	23 29	0s21	5 12	19 9	1 37	24 32	1 1	21 41	1 12	0 53	1 21	18 44	1 47	23 21	0 26	14 26	1 51	19 6	16 43	23 34	23 34	21 7	6 16	5 10
W14	23 32	5 40	4 51	19 30	1 29	24 30	1 3	21 30	1 12	0 55	1 21	18 43	1 47	23 21	0 26	14 26	1 51	19 6	16 43	23 34	23 34	21 6	6 16	5 9
T 15	23 33	10 39	4 16	19 52	1 20	24 28	1 4	21 20	1 12	0 58	1 21	18 42	1 47	23 21	0 26	14 26	1 51	19 7	16 44	23 34	23 34	21 5	6 15	5 9
F 16	23 35	15 5	3 28	20 14	1 12	24 25	1 6	21 9	1 12	1 0	1 22	18 42	1 46	23 20	0 26	14 25	1 51	19 7	16 45	23 34	23 34	21 4	6 15	5 9
S 17	23 36	18 46	2 30	20 35	1 4	24 22	1 8	20 58	1 11	1 2	1 22	18 41	1 46	23 20	0 26	14 25	1 51	19 7	16 45	23 34	23 34	21 3	6 14	5 9
S 18	23 36	21 32	1 26	20 56	0 55	24 17	1 9	20 47	1 11	1 4	1 22	18 40	1 46	23 20	0 26	14 25	1 51	19 8	16 46	23 34	23 34	21 2	6 14	5 8
M19	23 36	23 17	0 20	21 16	0 47	24 12	1 11	20 35	1 10	1 6	1 22	18 40	1 46	23 19	0 26	14 24	1 50	19 8	16 46	23 34	23 34	21 1	6 13	5 8
T 20	23 36	23 54	0s47	21 36	0 39	24 6	1 13	20 24	1 10	1 8	1 23	18 39	1 46	23 19	0 26	14 24	1 50	19 9	16 47	23 34	23 34	21 0	6 13	5 8
W21	23 35	23 24	1 52	21 55	0 30	24 0	1 14	20 12	1 10	1 10	1 23	18 38	1 46	23 19	0 26	14 24	1 50	19 10	16 48	23 34	23 34	20 58	6 12	5 7
T 22	23 33	21 51	2 50	22 14	0 22	23 52	1 15	20 0	1 9	1 12	1 23	18 38	1 45	23 18	0 26	14 24	1 50	19 10	16 48	23 34	23 34	20 57	6 12	5 7
F 23	23 31	19 22	3 42	22 31	0 14	23 44	1 17	19 48	1 9	1 13	1 23	18 37	1 45	23 18	0 26	14 24	1 50	19 11	16 49	23 34	23 35	20 56	6 11	5 7
S 24	23 29	16 4	4 24	22 48	0 7	23 35	1 18	19 35	1 9	1 15	1 24	18 37	1 45	23 17	0 26	14 23	1 50	19 11	16 49	23 34	23 35	20 55	6 10	5 7
S 25	23 26	12 8	4 54	23 4	0s 1	23 26	1 19	19 22	1 8	1 17	1 24	18 36	1 45	23 17	0 26	14 23	1 50	19 12	16 50	23 34	23 35	20 54	6 10	5 6
M26	23 22	7 41	5 13	23 19	0 9	23 15	1 21	19 9	1 8	1 18	1 24	18 36	1 44	23 17	0 26	14 23	1 50	19 12	16 50	23 34	23 35	20 53	6 9	5 6
T 27	23 19	2 53	5 17	23 33	0 16	23 4	1 22	18 56	1 7	1 20	1 24	18 35	1 44	23 16	0 26	14 23	1 50	19 13	16 51	23 34	23 35	20 51	6 9	5 6
W28	23 14	2n 9	5 7	23 46	0 23	22 53	1 23	18 43	1 7	1 21	1 25	18 35	1 44	23 16	0 26	14 22	1 50	19 14	16 52	23 34	23 35	20 50	6 8	5 5
T 29	23 9	7 15	4 42	23 57	0 30	22 40	1 24	18 30	1 7	1 22	1 25	18 34	1 44	23 16	0 26	14 22	1 50	19 14	16 52	23 34	23 35	20 49	6 7	5 5
F 30	23 4	12 10	4 1	24 8	0 37	22 27	1 25	18 16	1 6	1 24	1 25	18 34	1 44	23 15	0 26	14 22	1 50	19 15	16 53	23 34	23 35	20 48	6 7	5 5
S 31	22s59	16n40	3s 5	24s17	0s44	22s13	1s26	18s 2	1s 6	1s25	1n25	18n33	1s43	23s15	0s26	14n22	1s50	19n15	16n53	23n34	23n35	20s47	6s 6	5n 5

Julian Day Number = 1989850.5, Delta T = 55m27s
Ecliptic obliquity = 23°36'08, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'55, Lahiri = 6°14'55 Julian Calendar 1 Dec. 735 == Greg. Calendar 5 Dec. 735

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ASTRODIENST EPHEMERIS for the year 736
geocentric

JANUARY 736 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 52 32	13♉53'01	11♊22	28♐10	28♉39	13♒56	6♎52	29°R43	14♉33	13°R52	20°R26	2♋52	2♋11	10♒41	2♓ 2	S 1
M 2	6 56 29	14°54'03	25°56	29°41	29°54	14°43	6°55	29♉41	14°36	13♉52	20♍26	2°R52	2° 8	10°47	2° 5	M 2
T 3	7 0 25	15°55'04	10♋50	1♉13	1♒10	15°30	6°58	29°38	14°40	13°51	20°25	2°52	2° 5	10°54	2° 7	T 3
W 4	7 4 22	16°56'04	25°56	2°45	2°25	16°17	7° 1	29°35	14°43	13°50	20°25	2°51	2° 2	11° 1	2°10	W 4
T 5	7 8 18	17°57'03	11♌ 5	4°17	3°40	17° 4	7° 4	29°33	14°47	13°50	20°24	2°50	1°58	11° 7	2°13	T 5
F 6	7 12 15	18°58'01	26° 8	5°51	4°55	17°51	7° 6	29°31	14°50	13°49	20°24	2°48	1°55	11°14	2°16	F 6
S 7	7 16 11	19°58'58	10♍57	7°25	6°10	18°38	7° 9	29°28	14°54	13°49	20°23	2°46	1°52	11°21	2°19	S 7
S 8	7 20 8	20°59'54	25°24	8°59	7°25	19°25	7°11	29°26	14°57	13°48	20°22	2°44	1°49	11°27	2°22	S 8
M 9	7 24 4	22° 0'50	9♎27	10°35	8°40	20°12	7°13	29°24	15° 1	13°48	20°22	2°42	1°46	11°34	2°25	M 9
T 10	7 28 1	23° 1'45	23° 4	12°11	9°55	20°59	7°15	29°22	15° 4	13°47	20°21	2°D42	1°43	11°41	2°28	T 10
W11	7 31 58	24° 2'38	6♏18	13°47	11° 9	21°46	7°16	29°20	15° 8	13°47	20°20	2°42	1°39	11°47	2°31	W11
T 12	7 35 54	25° 3'31	19°11	15°25	12°24	22°33	7°18	29°19	15°11	13°47	20°20	2°44	1°36	11°54	2°34	T 12
F 13	7 39 51	26° 4'24	1♐45	17° 3	13°39	23°20	7°19	29°17	15°15	13°47	20°19	2°45	1°33	12° 1	2°37	F 13
S 14	7 43 47	27° 5'15	14° 5	18°42	14°54	24° 6	7°20	29°16	15°18	13°46	20°18	2°47	1°30	12° 8	2°41	S 14
S 15	7 47 44	28° 6'05	26°14	20°22	16° 9	24°53	7°21	29°14	15°22	13°46	20°17	2°48	1°27	12°14	2°44	S 15
M16	7 51 40	29° 6'54	8♑14	22° 2	17°24	25°40	7°21	29°13	15°25	13°46	20°16	2°R48	1°23	12°21	2°47	M16
T 17	7 55 37	0♒ 7'41	20° 9	23°43	18°39	26°27	7°22	29°12	15°29	13°46	20°16	2°47	1°20	12°28	2°50	T 17
W18	7 59 33	1° 8'27	2♒ 0	25°26	19°53	27°13	7°22	29°11	15°32	13°46	20°15	2°44	1°17	12°34	2°54	W18
T 19	8 3 30	2° 9'12	13°50	27° 8	21° 8	28° 0	7°R22	29°10	15°36	13°46	20°14	2°40	1°14	12°41	2°57	T 19
F 20	8 7 27	3° 9'56	25°39	28°52	22°23	28°47	7°22	29° 9	15°39	13°45	20°13	2°34	1°11	12°48	3° 0	F 20
S 21	8 11 23	4°10'37	7♓31	0♒37	23°38	29°33	7°22	29° 8	15°42	13°D45	20°12	2°28	1° 8	12°54	3° 4	S 21
S 22	8 15 20	5°11'17	19°27	2°22	24°52	0♓20	7°21	29° 7	15°46	13°45	20°11	2°22	1° 4	13° 1	3° 7	S 22
M23	8 19 16	6°11'56	1♈30	4° 8	26° 7	1° 7	7°21	29° 7	15°49	13°46	20°10	2°17	1° 1	13° 8	3°10	M23
T 24	8 23 13	7°12'32	13°43	5°55	27°22	1°53	7°20	29° 7	15°53	13°46	20° 9	2°13	0°58	13°14	3°14	T 24
W25	8 27 9	8°13'07	26°10	7°43	28°36	2°40	7°19	29° 6	15°56	13°46	20° 7	2°10	0°55	13°21	3°17	W25
T 26	8 31 6	9°13'40	8♉55	9°32	29°51	3°26	7°17	29° 6	15°59	13°46	20° 6	2°D10	0°52	13°28	3°21	T 26
F 27	8 35 2	10°14'11	22° 1	11°21	1♓ 5	4°13	7°16	29°D 6	16° 3	13°46	20° 5	2°10	0°49	13°34	3°24	F 27
S 28	8 38 59	11°14'40	5♊31	13°12	2°20	4°59	7°14	29° 6	16° 6	13°46	20° 4	2°12	0°45	13°41	3°28	S 28
S 29	8 42 56	12°15'08	19°29	15° 3	3°34	5°45	7°13	29° 6	16° 9	13°47	20° 3	2°13	0°42	13°48	3°31	S 29
M30	8 46 52	13°15'33	3♋53	16°54	4°49	6°32	7°11	29° 7	16°12	13°47	20° 2	2°R13	0°39	13°54	3°35	M30
T 31	8 50 49	14♒15'56	18♋43	18♒47	6♓ 3	7♓18	7♎ 8	29♉ 7	16♉16	13♉47	20♍ 0	2♋12	0♋36	14♒ 1	3♓38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s52	20n22	1s57	24s26	0s50	21s59	1s27	17s48	1s 5	1s26	1n26	18n33	1s43	23s14	0s26	14n22	1s50	19n16	16n54	23n34	23n35	20s46	6s 5	5n 4	
M 2	22 46	22 54	0 38	24 33	0 57	21 44	1 27	17 34	1 5	1 27	1 26	18 33	1 43	23 14	0 26	14 22	1 50	19 17	16 54	23 34	23 35	20 44	6 4	5 4	
T 3	22 39	23 53	0n44	24 38	1 3	21 28	1 28	17 19	1 5	1 28	1 26	18 32	1 43	23 14	0 26	14 22	1 50	19 17	16 55	23 34	23 35	20 43	6 4	5 4	
W 4	22 31	23 8	2 4	24 43	1 8	21 12	1 29	17 5	1 4	1 29	1 26	18 32	1 42	23 13	0 26	14 21	1 50	19 18	16 55	23 34	23 35	20 42	6 3	5 4	
T 5	22 23	20 42	3 16	24 46	1 14	20 55	1 29	16 50	1 4	1 30	1 27	18 32	1 42	23 13	0 26	14 21	1 50	19 19	16 56	23 34	23 35	20 41	6 2	5 3	
F 6	22 15	16 52	4 14	24 48	1 19	20 37	1 30	16 35	1 3	1 31	1 27	18 31	1 42	23 13	0 26	14 21	1 49	19 20	16 56	23 34	23 35	20 40	6 1	5 3	
S 7	22 6	12 2	4 54	24 48	1 24	20 19	1 30	16 20	1 3	1 31	1 27	18 31	1 42	23 12	0 26	14 21	1 49	19 20	16 57	23 34	23 35	20 38	6 0	5 3	
S 8	21 57	6 38	5 13	24 47	1 29	20 0	1 31	16 5	1 2	1 32	1 28	18 31	1 41	23 12	0 27	14 21	1 49	19 21	16 58	23 34	23 35	20 37	5 59	5 3	
M 9	21 47	1 2	5 14	24 44	1 34	19 41	1 31	15 50	1 2	1 32	1 28	18 31	1 41	23 11	0 27	14 21	1 49	19 22	16 58	23 34	23 35	20 36	5 59	5 3	
T 10	21 37	4s26	4 56	24 40	1 38	19 21	1 32	15 34	1 1	1 33	1 28	18 31	1 41	23 11	0 27	14 21	1 49	19 22	16 59	23 34	23 35	20 35	5 58	5 2	
W11	21 27	9 34	4 23	24 34	1 42	19 1	1 32	15 18	1 1	1 33	1 28	18 30	1 41	23 11	0 27	14 21	1 49	19 23	16 59	23 34	23 36	20 33	5 57	5 2	
T 12	21 16	14 8	3 38	24 27	1 46	18 40	1 32	15 3	1 0	1 34	1 29	18 30	1 40	23 10	0 27	14 21	1 49	19 24	17 0	23 34	23 36	20 32	5 56	5 2	
F 13	21 5	18 0	2 43	24 19	1 49	18 18	1 32	14 47	1 0	1 34	1 29	18 30	1 40	23 10	0 27	14 21	1 49	19 25	17 0	23 34	23 36	20 31	5 55	5 2	
S 14	20 53	20 58	1 41	24 8	1 52	17 56	1 32	14 31	0 59	1 34	1 29	18 30	1 40	23 9	0 27	14 21	1 49	19 25	17 1	23 34	23 36	20 30	5 54	5 2	
S 15	20 41	22 57	0 36	23 56	1 55	17 34	1 32	14 14	0 59	1 34	1 29	18 30	1 40	23 9	0 27	14 21	1 49	19 26	17 1	23 34	23 36	20 28	5 53	5 1	
M16	20 29	23 50	0s30	23 43	1 57	17 11	1 32	13 58	0 58	1 34	1 30	18 30	1 39	23 9	0 27	14 21	1 49	19 27	17 2	23 34	23 36	20 27	5 52	5 1	
T 17	20 16	23 38	1 34	23 28	1 59	16 47	1 32	13 42	0 58	1 34	1 30	18 30	1 39	23 8	0 27	14 21	1 49	19 28	17 2	23 34	23 36	20 26	5 51	5 1	
W18	20 2	22 20	2 33	23 11	2 1	16 23	1 31	13 25	0 57	1 34	1 30	18 30	1 39	23 8	0 27	14 21	1 49	19 29	17 3	23 34	23 36	20 24	5 50	5 1	
T 19	19 49	20 4	3 26	22 52	2 2	15 59	1 31	13 8	0 57	1 34	1 30	18 30	1 39	23 7	0 27	14 21	1 49	19 29	17 3	23 35	23 36	20 23	5 49	5 1	
F 20	19 35	16 58	4 10	22 32	2 3	15 34	1 31	12 51	0 56	1 33	1 31	18 30	1 38	23 7	0 27	14 21	1 49	19 30	17 3	23 35	23 36	20 22	5 48	5 0	
S 21	19 21	13 10	4 43	22 10	2 3	15 9	1 30	12 35	0 56	1 33	1 31	18 30	1 38	23 7	0 27	14 21	1 48	19 31	17 4	23 35	23 36	20 21	5 47	5 0	
S 22	19 6	8 51	5 4	21 46	2 3	14 43	1 30	12 18	0 55	1 33	1 31	18 30	1 38	23 6	0 27	14 21	1 48	19 32	17 4	23 35	23 36	20 19	5 46	5 0	
M23	18 51	4 9	5 12	21 21	2 3	14 17	1 29	12 0	0 55	1 32	1 32	18 31	1 38	23 6	0 27	14 21	1 48	19 33	17 5	23 35	23 36	20 18	5 45	5 0	
T 24	18 36	0n46	5 5	20 53	2 2	13 51	1 28	11 43	0 54	1 31	1 32	18 31	1 37	23 6	0 27	14 21	1 48	19 33	17 5	23 35	23 36	20 17	5 44	5 0	
W25	18 20	5 45	4 45	20 24	2 1	13 24	1 27	11 26	0 54	1 31	1 32	18 31	1 37	23 5	0 27	14 21	1 48	19 34	17 6	23 35	23 36	20 15	5 43	5 0	
T 26	18 4	10 37	4 10	19 54	1 59	12 57	1 27	11 8	0 53	1 30	1 32	18 31	1 37	23 5	0 27	14 22	1 48	19 35	17 6	23 35	23 36	20 14	5 42	4 59	
F 27	17 48	15 9	3 21	19 21	1 56	12 30	1 26	10 51	0 53	1 29	1 33	18 31	1 37	23 4	0 27	14 22	1 48	19 36	17 6	23 35	23 36	20 13	5 41	4 59	
S 28	17 31	19 4	2 20	18 47	1 53	12 2	1 25	10 33	0 52	1 28	1 33	18 32	1 36	23 4	0 27	14 22	1 48	19 37	17 7	23 35	23 36	20 11	5 39	4 59	
S 29	17 14	22 2	1 9	18 11	1 50	11 34	1 24	10 16	0 52	1 27	1 33	18 32	1 36	23 4	0 27	14 22	1 48	19 38	17 7	23 35	23 36	20 10	5 38	4 59	
M30	16 57	23 42	0n 9	17 33	1 46	11 6	1 23	9 58	0 51	1 26	1 33	18 32	1 36	23 3	0 27	14 22	1 48	19 39	17 8	23 35	23 36	20 9	5 37	4 59	
T 31	16s40	23n45	1n28	16s54	1s41	10s37	1s22	9s40	0s50	1s25	1n34	18n33	1s36	23s 3	0s27	14n22	1s48	19n39	17n 8	23n35	23n36	20s 7	5s36	4n59	

Julian Day Number = 1989881.5, Delta T = 55m26s
Ecliptic obliquity = 23°36'08, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°07'59, Lahiri = 6°14'59 Julian Calendar 1 Jan. 736 == Greg. Calendar 5 Jan. 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

FEBRUARY 736 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 54 45	15♒16'18	3♌51	20♒40	7♓18	8♓ 4	7°R 6	29♉ 8	16♏19	13♉48	19°R59	2°R 9	0♋33	14♒ 8	3♓42	W 1
T 2	8 58 42	16°16'38	19° 9	22°33	8°32	8°51	7♎ 4	29° 8	16°22	13°48	19♍58	2♋ 4	0°29	14°14	3°46	T 2
F 3	9 2 38	17°16'56	4♍26	24°26	9°46	9°37	7° 1	29° 9	16°25	13°48	19°56	1°58	0°26	14°21	3°49	F 3
S 4	9 6 35	18°17'12	19°31	26°20	11° 0	10°23	6°58	29°10	16°28	13°49	19°55	1°50	0°23	14°28	3°53	S 4
S 5	9 10 31	19°17'26	4♎16	28°14	12°15	11° 9	6°55	29°11	16°31	13°49	19°54	1°43	0°20	14°35	3°56	S 5
M 6	9 14 28	20°17'39	18°34	0♓ 7	13°29	11°55	6°52	29°12	16°35	13°50	19°52	1°38	0°17	14°41	4° 0	M 6
T 7	9 18 25	21°17'50	2♏22	2° 0	14°43	12°41	6°48	29°13	16°38	13°51	19°51	1°34	0°14	14°48	4° 4	T 7
W 8	9 22 21	22°18'00	15°41	3°52	15°57	13°27	6°45	29°14	16°41	13°51	19°50	1°32	0°10	14°55	4° 7	W 8
T 9	9 26 18	23°18'08	28°34	5°43	17°11	14°13	6°41	29°16	16°44	13°52	19°48	1°D32	0° 7	15° 1	4°11	T 9
F 10	9 30 14	24°18'15	11♐ 4	7°32	18°25	14°59	6°37	29°17	16°47	13°52	19°47	1°33	0° 4	15° 8	4°15	F 10
S 11	9 34 11	25°18'20	23°18	9°19	19°39	15°45	6°33	29°19	16°50	13°53	19°45	1°34	0° 1	15°15	4°19	S 11
S 12	9 38 7	26°18'23	5♏19	11° 4	20°53	16°31	6°28	29°21	16°53	13°54	19°44	1°R34	29♊58	15°21	4°22	S 12
M13	9 42 4	27°18'25	17°12	12°46	22° 7	17°17	6°24	29°23	16°55	13°55	19°42	1°33	29°55	15°28	4°26	M13
T 14	9 46 0	28°18'25	29° 1	14°25	23°21	18° 3	6°19	29°25	16°58	13°55	19°41	1°29	29°51	15°35	4°30	T 14
W15	9 49 57	29°18'23	10♒50	15°59	24°35	18°48	6°15	29°27	17° 1	13°56	19°39	1°22	29°48	15°41	4°33	W15
T 16	9 53 54	0♓18'19	22°39	17°29	25°49	19°34	6°10	29°29	17° 4	13°57	19°38	1°13	29°45	15°48	4°37	T 16
F 17	9 57 50	1°18'13	4♓32	18°54	27° 3	20°20	6° 5	29°31	17° 7	13°58	19°36	1° 2	29°42	15°55	4°41	F 17
S 18	10 1 47	2°18'05	16°30	20°14	28°16	21° 5	5°59	29°34	17°10	13°59	19°35	0°50	29°39	16° 1	4°45	S 18
S 19	10 5 43	3°17'54	28°34	21°27	29°30	21°51	5°54	29°36	17°12	14° 0	19°33	0°38	29°35	16° 8	4°48	S 19
M20	10 9 40	4°17'42	10♈45	22°34	0♈44	22°36	5°48	29°39	17°15	14° 1	19°32	0°27	29°32	16°15	4°52	M20
T 21	10 13 36	5°17'28	23° 6	23°34	1°57	23°22	5°43	29°42	17°18	14° 2	19°30	0°18	29°29	16°21	4°56	T 21
W22	10 17 33	6°17'11	5♉38	24°27	3°11	24° 7	5°37	29°44	17°20	14° 3	19°28	0°11	29°26	16°28	5° 0	W22
T 23	10 21 29	7°16'52	18°24	25°12	4°24	24°53	5°31	29°47	17°23	14° 4	19°27	0° 7	29°23	16°35	5° 3	T 23
F 24	10 25 26	8°16'30	1♊26	25°49	5°38	25°38	5°25	29°50	17°25	14° 5	19°25	0° 6	29°20	16°42	5° 7	F 24
S 25	10 29 22	9°16'07	14°49	26°19	6°51	26°23	5°19	29°53	17°28	14° 6	19°23	0°D 5	29°16	16°48	5°11	S 25
S 26	10 33 19	10°15'41	28°34	26°40	8° 4	27° 9	5°13	29°57	17°30	14° 8	19°22	0°R 6	29°13	16°55	5°14	S 26
M27	10 37 16	11°15'13	12♋44	26°53	9°18	27°54	5° 6	0♊ 0	17°33	14° 9	19°20	0° 5	29°10	17° 2	5°18	M27
T 28	10 41 12	12°14'42	27°17	26°R57	10°31	28°39	5° 0	0° 3	17°35	14°10	19°19	0° 3	29° 7	17° 8	5°22	T 28
W29	10 45 9	13♓14'09	12♌11	26♓54	11♈44	29♓24	4♎53	0♊ 7	17♏37	14♉11	19♍17	29♊58	29♊ 4	17♒15	5♓26	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s22	22n 4	2n43	16s13	1s36	10s 8	1s20	9s22	0s50	1s24	1n34	18n33	1s35	23s 3	0s27	14n22	1s48	19n40	17n 8	23n35	23n36	20s 6	5s35	4n59
T 2	16 4	18 46	3 46	15 30	1 30	9 39	1 19	9 4	0 49	1 23	1 34	18 33	1 35	23 2	0 27	14 23	1 48	19 41	17 9	23 35	23 36	20 4	5 34	4 58
F 3	15 46	14 11	4 34	14 46	1 23	9 9	1 18	8 46	0 49	1 22	1 34	18 34	1 35	23 2	0 27	14 23	1 48	19 42	17 9	23 35	23 36	20 3	5 32	4 58
S 4	15 27	8 47	5 1	14 1	1 16	8 40	1 16	8 28	0 48	1 20	1 35	18 34	1 35	23 1	0 27	14 23	1 48	19 43	17 9	23 35	23 36	20 2	5 31	4 58
S 5	15 8	3 0	5 8	13 14	1 8	8 10	1 15	8 10	0 48	1 19	1 35	18 35	1 34	23 1	0 27	14 23	1 47	19 44	17 10	23 35	23 36	20 0	5 30	4 58
M 6	14 49	2s47	4 55	12 26	1 0	7 40	1 13	7 52	0 47	1 17	1 35	18 35	1 34	23 1	0 27	14 23	1 47	19 44	17 10	23 36	23 36	19 59	5 29	4 58
T 7	14 30	8 14	4 25	11 38	0 51	7 9	1 12	7 33	0 46	1 16	1 35	18 36	1 34	23 0	0 27	14 24	1 47	19 45	17 10	23 36	23 36	19 58	5 28	4 58
W 8	14 10	13 7	3 42	10 48	0 41	6 39	1 10	7 15	0 46	1 14	1 36	18 36	1 34	23 0	0 27	14 24	1 47	19 46	17 11	23 36	23 36	19 56	5 26	4 58
T 9	13 51	17 14	2 48	9 57	0 31	6 8	1 8	6 57	0 45	1 12	1 36	18 37	1 33	23 0	0 27	14 24	1 47	19 47	17 11	23 36	23 36	19 55	5 25	4 58
F 10	13 31	20 28	1 48	9 6	0 20	5 38	1 6	6 38	0 45	1 11	1 36	18 37	1 33	22 59	0 27	14 24	1 47	19 48	17 11	23 36	23 36	19 53	5 24	4 58
S 11	13 10	22 42	0 44	8 15	0 8	5 7	1 4	6 20	0 44	1 9	1 36	18 38	1 33	22 59	0 27	14 25	1 47	19 49	17 12	23 36	23 36	19 52	5 23	4 58
S 12	12 50	23 50	0s20	7 24	0n 4	4 36	1 3	6 1	0 44	1 7	1 36	18 39	1 32	22 59	0 27	14 25	1 47	19 49	17 12	23 36	23 36	19 50	5 21	4 57
M13	12 29	23 52	1 23	6 33	0 16	4 4	1 1	5 43	0 43	1 5	1 37	18 39	1 32	22 58	0 27	14 25	1 47	19 50	17 12	23 36	23 36	19 49	5 20	4 57
T 14	12 9	22 48	2 22	5 43	0 29	3 33	0 59	5 24	0 42	1 3	1 37	18 40	1 32	22 58	0 27	14 26	1 47	19 51	17 12	23 36	23 36	19 48	5 19	4 57
W15	11 48	20 45	3 14	4 54	0 43	3 2	0 56	5 6	0 42	1 1	1 37	18 41	1 32	22 58	0 27	14 26	1 47	19 52	17 13	23 36	23 36	19 46	5 18	4 57
T 16	11 26	17 48	3 58	4 7	0 56	2 30	0 54	4 47	0 41	0 59	1 37	18 41	1 31	22 57	0 27	14 26	1 47	19 53	17 13	23 36	23 36	19 45	5 16	4 57
F 17	11 5	14 7	4 32	3 21	1 10	1 59	0 52	4 29	0 41	0 56	1 37	18 42	1 31	22 57	0 27	14 27	1 47	19 54	17 13	23 36	23 36	19 43	5 15	4 57
S 18	10 44	9 52	4 54	2 37	1 24	1 27	0 50	4 10	0 40	0 54	1 38	18 43	1 31	22 57	0 27	14 27	1 47	19 54	17 13	23 36	23 36	19 42	5 14	4 57
S 19	10 22	5 12	5 3	1 55	1 38	0 56	0 48	3 51	0 39	0 52	1 38	18 44	1 31	22 56	0 27	14 27	1 47	19 55	17 14	23 36	23 36	19 40	5 12	4 57
M20	10 0	0 17	4 58	1 16	1 51	0 24	0 45	3 33	0 39	0 49	1 38	18 44	1 30	22 56	0 27	14 28	1 47	19 56	17 14	23 36	23 36	19 39	5 11	4 57
T 21	9 38	4n43	4 40	0 40	2 5	0n 8	0 43	3 14	0 38	0 47	1 38	18 45	1 30	22 56	0 27	14 28	1 46	19 57	17 14	23 36	23 36	19 37	5 10	4 57
W22	9 16	9 36	4 8	0 7	2 17	0 39	0 40	2 55	0 37	0 45	1 38	18 46	1 30	22 55	0 27	14 28	1 46	19 58	17 14	23 36	23 36	19 36	5 8	4 57
T 23	8 54	14 11	3 23	0n22	2 30	1 11	0 38	2 37	0 37	0 42	1 38	18 47	1 30	22 55	0 27	14 29	1 46	19 59	17 14	23 36	23 36	19 34	5 7	4 57
F 24	8 31	18 12	2 26	0 48	2 41	1 43	0 35	2 18	0 36	0 39	1 39	18 48	1 29	22 55	0 27	14 29	1 46	19 59	17 14	23 36	23 36	19 33	5 6	4 57
S 25	8 9	21 24	1 20	1 9	2 52	2 14	0 33	1 59	0 36	0 37	1 39	18 49	1 29	22 54	0 27	14 29	1 46	20 0	17 15	23 36	23 36	19 31	5 4	4 57
S 26	7 46	23 28	0 8	1 27	3 2	2 46	0 30	1 41	0 35	0 34	1 39	18 50	1 29	22 54	0 27	14 30	1 46	20 1	17 15	23 36	23 36	19 30	5 3	4 57
M27	7 24	24 6	1n 7	1 40	3 11	3 17	0 27	1 22	0 34	0 32	1 39	18 51	1 29	22 54	0 27	14 30	1 46	20 2	17 15	23 36	23 36	19 28	5 2	4 57
T 28	7 1	23 7	2 19	1 49	3 19	3 49	0 25	1 3	0 34	0 29	1 39	18 52	1 29	22 53	0 27	14 31	1 46	20 2	17 15	23 36	23 36	19 27	5 0	4 57
W29	6s38	20n31	3n23	1n53	3n25	4n20	0s22	0s45	0s33	0s26	1n39	18n53	1s28	22s53	0s27	14n31	1s46	20n 3	17n15	23n36	23n36	19s25	4s59	4n57

Julian Day Number = 1989912.5, Delta T = 55m25s
Ecliptic obliquity = 23°36'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'03, Lahiri = 6°15'04 Julian Calendar 1 Feb. 736 == Greg. Calendar 5 Feb. 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

MARCH 736 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 49 5	14♓13'33	27♌18	26°R43	12♈57	0♈ 9	4°R46	0♊11	17♑40	14♉13	19°R15	29°R50	29♊ 1	17♒22	5♓29	T 1
F 2	10 53 2	15°12'56	12♍30	26♓25	14°10	0°54	4♎40	0°14	17°42	14°14	19♍14	29♊40	28°57	17°28	5°33	F 2
S 3	10 56 58	16°12'16	27°36	26° 0	15°23	1°39	4°33	0°18	17°44	14°15	19°12	29°29	28°54	17°35	5°37	S 3
S 4	11 0 55	17°11'34	12♎25	25°29	16°36	2°24	4°26	0°22	17°47	14°17	19°10	29°18	28°51	17°42	5°40	S 4
M 5	11 4 51	18°10'50	26°50	24°53	17°49	3° 9	4°19	0°26	17°49	14°18	19° 9	29° 9	28°48	17°48	5°44	M 5
T 6	11 8 48	19°10'05	10♏47	24°12	19° 2	3°54	4°11	0°30	17°51	14°19	19° 7	29° 2	28°45	17°55	5°48	T 6
W 7	11 12 45	20° 9'17	24°13	23°27	20°15	4°39	4° 4	0°34	17°53	14°21	19° 5	28°57	28°41	18° 2	5°51	W 7
T 8	11 16 41	21° 8'28	7♐12	22°40	21°27	5°24	3°57	0°39	17°55	14°22	19° 4	28°55	28°38	18° 9	5°55	T 8
F 9	11 20 38	22° 7'37	19°46	21°51	22°40	6° 8	3°50	0°43	17°57	14°24	19° 2	28°54	28°35	18°15	5°59	F 9
S 10	11 24 34	23° 6'44	2♑ 0	21° 1	23°52	6°53	3°42	0°47	17°59	14°25	19° 0	28°54	28°32	18°22	6° 2	S 10
S 11	11 28 31	24° 5'49	14° 1	20°12	25° 5	7°37	3°35	0°52	18° 1	14°27	18°59	28°54	28°29	18°29	6° 6	S 11
M12	11 32 27	25° 4'53	25°53	19°23	26°17	8°22	3°27	0°56	18° 3	14°29	18°57	28°52	28°26	18°35	6° 9	M12
T 13	11 36 24	26° 3'54	7♒41	18°37	27°30	9° 7	3°20	1° 1	18° 5	14°30	18°55	28°47	28°22	18°42	6°13	T 13
W14	11 40 20	27° 2'54	19°30	17°54	28°42	9°51	3°12	1° 6	18° 6	14°32	18°54	28°39	28°19	18°49	6°16	W14
T 15	11 44 17	28° 1'51	1♓22	17°14	29°55	10°35	3° 4	1°11	18° 8	14°33	18°52	28°29	28°16	18°55	6°20	T 15
F 16	11 48 14	29° 0'47	13°20	16°39	1♉ 7	11°20	2°57	1°16	18°10	14°35	18°50	28°16	28°13	19° 2	6°24	F 16
S 17	11 52 10	29°59'41	25°27	16° 7	2°19	12° 4	2°49	1°21	18°11	14°37	18°49	28° 2	28°10	19° 9	6°27	S 17
S 18	11 56 7	0♈58'32	7♈42	15°41	3°31	12°48	2°41	1°26	18°13	14°39	18°47	27°48	28° 6	19°15	6°30	S 18
M19	12 0 3	1°57'22	20° 7	15°20	4°43	13°33	2°34	1°31	18°15	14°40	18°46	27°35	28° 3	19°22	6°34	M19
T 20	12 4 0	2°56'09	2♉42	15° 4	5°55	14°17	2°26	1°36	18°16	14°42	18°44	27°24	28° 0	19°29	6°37	T 20
W21	12 7 56	3°54'54	15°28	14°53	7° 7	15° 1	2°18	1°42	18°18	14°44	18°42	27°16	27°57	19°35	6°41	W21
T 22	12 11 53	4°53'37	28°25	14°48	8°19	15°45	2°11	1°47	18°19	14°46	18°41	27°10	27°54	19°42	6°44	T 22
F 23	12 15 49	5°52'18	11♊35	14°D48	9°30	16°29	2° 3	1°52	18°20	14°47	18°39	27° 8	27°51	19°49	6°48	F 23
S 24	12 19 46	6°50'57	25° 0	14°53	10°42	17°13	1°55	1°58	18°22	14°49	18°38	27°D 7	27°47	19°56	6°51	S 24
S 25	12 23 43	7°49'33	8♋42	15° 3	11°54	17°57	1°48	2° 4	18°23	14°51	18°36	27°R 7	27°44	20° 2	6°54	S 25
M26	12 27 39	8°48'08	22°41	15°18	13° 5	18°41	1°40	2° 9	18°24	14°53	18°35	27° 7	27°41	20° 9	6°58	M26
T 27	12 31 36	9°46'39	6♌59	15°38	14°17	19°25	1°32	2°15	18°25	14°55	18°33	27° 5	27°38	20°16	7° 1	T 27
W28	12 35 32	10°45'09	21°32	16° 2	15°28	20° 8	1°25	2°21	18°26	14°57	18°32	27° 0	27°35	20°22	7° 4	W28
T 29	12 39 29	11°43'36	6♍18	16°31	16°39	20°52	1°17	2°27	18°28	14°59	18°30	26°53	27°32	20°29	7° 7	T 29
F 30	12 43 25	12°42'01	21° 9	17° 4	17°50	21°36	1°10	2°33	18°29	15° 1	18°29	26°43	27°28	20°36	7°10	F 30
S 31	12 47 22	13♈40'24	5♎57	17♓41	19♉ 1	22♈19	1♎ 3	2♊39	18♑30	15♉ 3	18♍27	26♊32	27♊25	20♒42	7♓14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s15	16n28	4n15	1n53	3n29	4n51	0s19	0s26	0s33	0s23	1n39	18n54	1s28	22s53	0s27	14n32	1s46	20n 4	17n15	23n36	23n36	19s24	4s58	4n57
F 2	5 52	11 20	4 48	1 49	3 33	5 22	0 16	0 7	0 32	0 20	1 40	18 55	1 28	22 53	0 27	14 32	1 46	20 5	17 15	23 36	23 36	19 22	4 56	4 57
S 3	5 29	5 34	5 1	1 40	3 34	5 53	0 14	0n11	0 31	0 18	1 40	18 56	1 28	22 52	0 28	14 32	1 46	20 5	17 15	23 36	23 36	19 21	4 55	4 57
S 4	5 6	0s26	4 53	1 28	3 34	6 24	0 11	0 30	0 31	0 15	1 40	18 57	1 27	22 52	0 28	14 33	1 46	20 6	17 15	23 36	23 36	19 19	4 54	4 57
M 5	4 42	6 16	4 27	1 12	3 32	6 55	0 8	0 48	0 30	0 12	1 40	18 58	1 27	22 52	0 28	14 33	1 46	20 7	17 16	23 36	23 36	19 18	4 52	4 57
T 6	4 19	11 35	3 46	0 52	3 28	7 26	0 5	1 7	0 29	0 9	1 40	18 59	1 27	22 52	0 28	14 34	1 46	20 8	17 16	23 36	23 36	19 16	4 51	4 57
W 7	3 56	16 10	2 53	0 29	3 22	7 56	0 2	1 25	0 29	0 6	1 40	19 0	1 27	22 51	0 28	14 34	1 46	20 8	17 16	23 36	23 36	19 15	4 50	4 57
T 8	3 32	19 49	1 52	0 3	3 15	8 26	0n 1	1 44	0 28	0 3	1 40	19 1	1 26	22 51	0 28	14 35	1 46	20 9	17 16	23 36	23 36	19 13	4 48	4 57
F 9	3 9	22 24	0 48	0s24	3 6	8 56	0 4	2 2	0 27	0n 0	1 40	19 2	1 26	22 51	0 28	14 35	1 46	20 10	17 16	23 36	23 36	19 11	4 47	4 57
S 10	2 45	23 52	0s16	0 53	2 56	9 26	0 7	2 20	0 27	0 3	1 40	19 3	1 26	22 51	0 28	14 36	1 45	20 10	17 16	23 36	23 36	19 10	4 46	4 57
S 11	2 22	24 10	1 19	1 24	2 44	9 56	0 10	2 39	0 26	0 6	1 40	19 4	1 26	22 50	0 28	14 36	1 45	20 11	17 16	23 36	23 36	19 8	4 44	4 57
M12	1 58	23 22	2 18	1 55	2 31	10 25	0 13	2 57	0 26	0 9	1 40	19 5	1 26	22 50	0 28	14 37	1 45	20 12	17 16	23 36	23 36	19 7	4 43	4 57
T 13	1 34	21 31	3 10	2 26	2 17	10 54	0 16	3 15	0 25	0 12	1 40	19 7	1 25	22 50	0 28	14 37	1 45	20 12	17 16	23 36	23 36	19 5	4 42	4 57
W14	1 11	18 46	3 53	2 56	2 3	11 23	0 19	3 33	0 24	0 15	1 41	19 8	1 25	22 50	0 28	14 38	1 45	20 13	17 16	23 36	23 36	19 4	4 40	4 57
T 15	0 47	15 13	4 27	3 26	1 47	11 52	0 23	3 51	0 24	0 18	1 41	19 9	1 25	22 49	0 28	14 38	1 45	20 13	17 16	23 36	23 35	19 2	4 39	4 57
F 16	0 24	11 2	4 50	3 54	1 32	12 20	0 26	4 10	0 23	0 21	1 41	19 10	1 25	22 49	0 28	14 39	1 45	20 14	17 15	23 35	23 35	19 0	4 37	4 57
S 17	0 0	6 23	4 59	4 21	1 16	12 49	0 29	4 28	0 22	0 25	1 41	19 11	1 25	22 49	0 28	14 39	1 45	20 15	17 15	23 35	23 35	18 59	4 36	4 57
S 18	0n23	1 26	4 55	4 46	1 0	13 16	0 32	4 46	0 22	0 28	1 41	19 13	1 24	22 49	0 28	14 40	1 45	20 15	17 15	23 35	23 35	18 57	4 35	4 57
M19	0 47	3n38	4 37	5 9	0 44	13 44	0 35	5 3	0 21	0 31	1 41	19 14	1 24	22 49	0 28	14 41	1 45	20 16	17 15	23 35	23 35	18 56	4 33	4 57
T 20	1 10	8 39	4 5	5 30	0 28	14 11	0 38	5 21	0 20	0 34	1 41	19 15	1 24	22 49	0 28	14 41	1 45	20 16	17 15	23 35	23 35	18 54	4 32	4 57
W21	1 34	13 23	3 21	5 48	0 12	14 38	0 41	5 39	0 20	0 37	1 41	19 17	1 24	22 48	0 28	14 42	1 45	20 17	17 15	23 34	23 35	18 52	4 31	4 58
T 22	1 57	17 35	2 25	6 4	0s 3	15 4	0 44	5 57	0 19	0 40	1 41	19 18	1 23	22 48	0 28	14 42	1 45	20 17	17 15	23 34	23 35	18 51	4 29	4 58
F 23	2 21	20 59	1 21	6 18	0 17	15 30	0 48	6 14	0 19	0 43	1 41	19 19	1 23	22 48	0 28	14 43	1 45	20 18	17 15	23 34	23 35	18 49	4 28	4 58
S 24	2 44	23 19	0 11	6 29	0 31	15 56	0 51	6 32	0 18	0 46	1 41	19 20	1 23	22 48	0 28	14 43	1 45	20 18	17 15	23 34	23 35	18 47	4 27	4 58
S 25	3 8	24 20	1n 1	6 37	0 45	16 22	0 54	6 49	0 17	0 49	1 40	19 22	1 23	22 48	0 28	14 44	1 45	20 19	17 14	23 34	23 35	18 46	4 26	4 58
M26	3 31	23 50	2 11	6 43	0 58	16 47	0 57	7 7	0 17	0 52	1 40	19 23	1 23	22 48	0 28	14 45	1 45	20 19	17 14	23 34	23 35	18 44	4 24	4 58
T 27	3 54	21 47	3 14	6 47	1 10	17 11	1 0	7 24	0 16	0 55	1 40	19 24	1 23	22 47	0 28	14 45	1 45	20 20	17 14	23 34	23 35	18 42	4 23	4 58
W28	4 17	18 18	4 6	6 48	1 21	17 35	1 3	7 41	0 15	0 58	1 40	19 26	1 22	22 47	0 28	14 46	1 45	20 20	17 14	23 34	23 35	18 41	4 22	4 58
T 29	4 40	13 38	4 42	6 46	1 32	17 59	1 6	7 58	0 15	1 1	1 40	19 27	1 22	22 47	0 28	14 46	1 45	20 21	17 14	23 34	23 35	18 39	4 20	4 58
F 30	5 3	8 7	5 0	6 43	1 42	18 22	1 9	8 15	0 14	1 4	1 40	19 28	1 22	22 47	0 28	14 47	1 45	20 21	17 14	23 34	23 35	18 37	4 19	4 58
S 31	5n26	2n10	4n57	6s37	1s52	18n45	1n12	8n32	0s13	1n 7	1n40	19n30	1s22	22s47	0s28	14n48	1s45	20n22	17n13	23n33	23n35	18s36	4s18	4n59

Julian Day Number = 1989941.5, Delta T = 55m25s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'07, Lahiri = 6°15'07 Julian Calendar 1 March 736 == Greg. Calendar 5 March 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

APRIL 736 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 51 18	14♈38'45	20♎34	18♓21	20♉12	23♈ 3	0°R55	2♊45	18♑30	15♉ 5	18°R26	26°R22	27♊22	20♒49	7♓17	S 1
M 2	12 55 15	15°37'04	4♏52	19° 6	21°23	23°46	0♎48	2°51	18°31	15° 7	18♍24	26♊12	27°19	20°56	7°20	M 2
T 3	12 59 11	16°35'22	18°46	19°54	22°34	24°30	0°41	2°57	18°32	15° 9	18°23	26° 5	27°16	21° 3	7°23	T 3
W 4	13 3 8	17°33'38	2♐14	20°45	23°45	25°13	0°34	3° 4	18°33	15°11	18°21	26° 1	27°12	21° 9	7°26	W 4
T 5	13 7 5	18°31'52	15°15	21°40	24°55	25°56	0°27	3°10	18°34	15°13	18°20	25°58	27° 9	21°16	7°29	T 5
F 6	13 11 1	19°30'04	27°53	22°37	26° 6	26°40	0°20	3°16	18°34	15°15	18°19	25°D58	27° 6	21°23	7°32	F 6
S 7	13 14 58	20°28'16	10♑11	23°38	27°16	27°23	0°13	3°23	18°35	15°17	18°17	25°58	27° 3	21°29	7°35	S 7
S 8	13 18 54	21°26'25	22°14	24°41	28°27	28° 6	0° 6	3°29	18°36	15°19	18°16	25°R59	27° 0	21°36	7°38	S 8
M 9	13 22 51	22°24'33	4♒ 8	25°47	29°37	28°49	29♍59	3°36	18°36	15°21	18°15	25°58	26°57	21°43	7°41	M 9
T 10	13 26 47	23°22'40	15°59	26°56	0♊47	29°32	29°53	3°42	18°37	15°23	18°13	25°55	26°53	21°49	7°44	T 10
W11	13 30 44	24°20'45	27°49	28° 7	1°57	0♉15	29°46	3°49	18°37	15°25	18°12	25°50	26°50	21°56	7°46	W11
T 12	13 34 40	25°18'48	9♓45	29°21	3° 7	0°58	29°40	3°56	18°38	15°27	18°11	25°43	26°47	22° 3	7°49	T 12
F 13	13 38 37	26°16'50	21°49	0♈37	4°17	1°41	29°34	4° 2	18°38	15°30	18°10	25°34	26°44	22°10	7°52	F 13
S 14	13 42 34	27°14'51	4♈ 4	1°56	5°27	2°24	29°27	4° 9	18°38	15°32	18° 8	25°23	26°41	22°16	7°55	S 14
S 15	13 46 30	28°12'50	16°32	3°17	6°37	3° 7	29°21	4°16	18°38	15°34	18° 7	25°13	26°37	22°23	7°57	S 15
M16	13 50 27	29°10'47	29°12	4°40	7°46	3°50	29°16	4°23	18°39	15°36	18° 6	25° 3	26°34	22°30	8° 0	M16
T 17	13 54 23	0♉ 8'43	12♉ 6	6° 5	8°56	4°33	29°10	4°30	18°39	15°38	18° 5	24°55	26°31	22°36	8° 2	T 17
W18	13 58 20	1° 6'37	25°11	7°33	10° 5	5°15	29° 4	4°37	18°39	15°40	18° 4	24°49	26°28	22°43	8° 5	W18
T 19	14 2 16	2° 4'29	8♊29	9° 2	11°14	5°58	28°59	4°44	18°R39	15°43	18° 3	24°45	26°25	22°50	8° 8	T 19
F 20	14 6 13	3° 2'20	21°57	10°34	12°23	6°41	28°53	4°51	18°39	15°45	18° 2	24°D44	26°22	22°56	8°10	F 20
S 21	14 10 9	4° 0'09	5♋36	12° 8	13°33	7°23	28°48	4°58	18°39	15°47	18° 1	24°45	26°18	23° 3	8°12	S 21
S 22	14 14 6	4°57'57	19°26	13°44	14°41	8° 6	28°43	5° 5	18°39	15°49	18° 0	24°46	26°15	23°10	8°15	S 22
M23	14 18 3	5°55'42	3♌26	15°22	15°50	8°48	28°38	5°12	18°39	15°51	17°59	24°R46	26°12	23°16	8°17	M23
T 24	14 21 59	6°53'26	17°36	17° 3	16°59	9°31	28°33	5°20	18°38	15°54	17°58	24°46	26° 9	23°23	8°20	T 24
W25	14 25 56	7°51'08	1♍55	18°45	18° 7	10°13	28°29	5°27	18°38	15°56	17°57	24°44	26° 6	23°30	8°22	W25
T 26	14 29 52	8°48'48	16°19	20°29	19°16	10°55	28°24	5°34	18°38	15°58	17°56	24°39	26° 3	23°37	8°24	T 26
F 27	14 33 49	9°46'27	0♎44	22°16	20°24	11°37	28°20	5°42	18°37	16° 0	17°55	24°34	25°59	23°43	8°26	F 27
S 28	14 37 45	10°44'04	15° 6	24° 5	21°32	12°20	28°16	5°49	18°37	16° 3	17°54	24°27	25°56	23°50	8°28	S 28
S 29	14 41 42	11°41'39	29°18	25°55	22°40	13° 2	28°12	5°56	18°37	16° 5	17°53	24°20	25°53	23°57	8°30	S 29
M30	14 45 38	12♉39'14	13♏15	27♈48	23♊48	13♉44	28♍ 8	6♊ 4	18♑36	16♉ 7	17♍52	24♊14	25♊50	24♒ 3	8♓32	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n49	3s50	4n35	6s29	2s 1	19n 7	1n15	8n49	0s13	1n10	1n40	19n31	1s22	22s47	0s28	14n48	1s45	20n22	17n13	23n33	23n35	18s34	4s17	4n59
M 2	6 11	9 31	3 56	6 19	2 9	19 29	1 18	9 6	0 12	1 12	1 40	19 32	1 21	22 47	0 28	14 49	1 45	20 22	17 13	23 33	23 35	18 32	4 15	4 59
T 3	6 34	14 35	3 4	6 7	2 16	19 51	1 21	9 23	0 12	1 15	1 40	19 34	1 21	22 47	0 28	14 49	1 44	20 23	17 13	23 33	23 34	18 31	4 14	4 59
W 4	6 56	18 45	2 3	5 52	2 23	20 11	1 24	9 39	0 11	1 18	1 40	19 35	1 21	22 47	0 28	14 50	1 44	20 23	17 12	23 33	23 34	18 29	4 13	4 59
T 5	7 19	21 50	0 57	5 36	2 29	20 32	1 27	9 56	0 10	1 21	1 40	19 37	1 21	22 47	0 28	14 51	1 44	20 23	17 12	23 32	23 34	18 27	4 12	4 59
F 6	7 41	23 45	0s10	5 18	2 34	20 52	1 30	10 12	0 10	1 23	1 39	19 38	1 21	22 47	0 29	14 51	1 44	20 24	17 12	23 32	23 34	18 26	4 10	4 59
S 7	8 3	24 27	1 15	4 58	2 39	21 11	1 32	10 28	0 9	1 26	1 39	19 39	1 21	22 46	0 29	14 52	1 44	20 24	17 12	23 32	23 34	18 24	4 9	4 59
S 8	8 25	23 59	2 15	4 37	2 42	21 30	1 35	10 44	0 8	1 29	1 39	19 41	1 20	22 46	0 29	14 53	1 44	20 24	17 11	23 32	23 34	18 22	4 8	5 0
M 9	8 47	22 24	3 9	4 13	2 46	21 48	1 38	11 1	0 8	1 31	1 39	19 42	1 20	22 46	0 29	14 53	1 44	20 24	17 11	23 32	23 34	18 20	4 7	5 0
T 10	9 8	19 52	3 54	3 48	2 48	22 6	1 41	11 17	0 7	1 34	1 39	19 44	1 20	22 46	0 29	14 54	1 44	20 25	17 11	23 32	23 34	18 19	4 5	5 0
W11	9 30	16 31	4 29	3 21	2 50	22 23	1 43	11 32	0 6	1 36	1 39	19 45	1 20	22 46	0 29	14 55	1 44	20 25	17 11	23 32	23 34	18 17	4 4	5 0
T 12	9 51	12 28	4 52	2 53	2 52	22 39	1 46	11 48	0 6	1 38	1 39	19 46	1 20	22 46	0 29	14 55	1 44	20 25	17 10	23 32	23 34	18 15	4 3	5 0
F 13	10 13	7 54	5 3	2 23	2 52	22 55	1 48	12 4	0 5	1 41	1 38	19 48	1 20	22 46	0 29	14 56	1 44	20 25	17 10	23 32	23 34	18 13	4 2	5 0
S 14	10 34	2 58	5 1	1 52	2 53	23 10	1 51	12 19	0 5	1 43	1 38	19 49	1 19	22 46	0 29	14 56	1 44	20 26	17 10	23 31	23 34	18 12	4 1	5 1
S 15	10 55	2n11	4 44	1 19	2 52	23 25	1 53	12 35	0 4	1 45	1 38	19 51	1 19	22 46	0 29	14 57	1 44	20 26	17 9	23 31	23 34	18 10	4 0	5 1
M16	11 15	7 20	4 12	0 45	2 51	23 39	1 56	12 50	0 3	1 48	1 38	19 52	1 19	22 46	0 29	14 58	1 44	20 26	17 9	23 31	23 33	18 8	3 59	5 1
T 17	11 36	12 16	3 28	0 9	2 49	23 53	1 58	13 5	0 3	1 50	1 38	19 54	1 19	22 46	0 29	14 58	1 44	20 26	17 9	23 30	23 33	18 6	3 57	5 1
W18	11 56	16 44	2 32	0n28	2 47	24 6	2 0	13 20	0 2	1 52	1 38	19 55	1 19	22 46	0 29	14 59	1 44	20 26	17 8	23 30	23 33	18 5	3 56	5 1
T 19	12 17	20 27	1 26	1 6	2 44	24 18	2 2	13 35	0 1	1 54	1 37	19 56	1 19	22 46	0 29	15 0	1 44	20 26	17 8	23 30	23 33	18 3	3 55	5 1
F 20	12 37	23 6	0 15	1 45	2 41	24 29	2 4	13 49	0 1	1 56	1 37	19 58	1 18	22 46	0 29	15 0	1 44	20 26	17 8	23 30	23 33	18 1	3 54	5 2
S 21	12 56	24 27	0n58	2 26	2 37	24 40	2 6	14 4	0 0	1 58	1 37	19 59	1 18	22 46	0 29	15 1	1 44	20 26	17 7	23 30	23 33	17 59	3 53	5 2
S 22	13 16	24 19	2 9	3 7	2 32	24 51	2 8	14 19	0n 0	2 0	1 37	20 1	1 18	22 46	0 29	15 2	1 44	20 27	17 7	23 30	23 33	17 57	3 52	5 2
M23	13 35	22 39	3 13	3 50	2 27	25 0	2 10	14 33	0 1	2 1	1 37	20 2	1 18	22 46	0 29	15 2	1 44	20 27	17 6	23 30	23 33	17 56	3 51	5 2
T 24	13 54	19 34	4 6	4 34	2 21	25 9	2 12	14 47	0 2	2 3	1 36	20 4	1 18	22 47	0 29	15 3	1 44	20 27	17 6	23 30	23 33	17 54	3 50	5 2
W25	14 13	15 17	4 44	5 19	2 15	25 17	2 14	15 1	0 2	2 5	1 36	20 5	1 18	22 47	0 29	15 4	1 44	20 27	17 6	23 30	23 33	17 52	3 49	5 3
T 26	14 32	10 7	5 5	6 4	2 9	25 25	2 16	15 15	0 3	2 6	1 36	20 6	1 18	22 47	0 29	15 4	1 44	20 27	17 5	23 30	23 33	17 50	3 48	5 3
F 27	14 51	4 23	5 6	6 51	2 1	25 32	2 17	15 29	0 4	2 8	1 36	20 8	1 17	22 47	0 29	15 5	1 44	20 27	17 5	23 29	23 32	17 48	3 47	5 3
S 28	15 9	1s33	4 49	7 38	1 54	25 38	2 19	15 42	0 4	2 9	1 35	20 9	1 17	22 47	0 29	15 6	1 44	20 27	17 4	23 29	23 32	17 47	3 46	5 3
S 29	15 27	7 21	4 13	8 26	1 46	25 44	2 20	15 56	0 5	2 11	1 35	20 11	1 17	22 47	0 29	15 6	1 44	20 27	17 4	23 29	23 32	17 45	3 45	5 3
M30	15n44	12s42	3n23	9n15	1s37	25n49	2n21	16n 9	0n 5	2n12	1n35	20n12	1s17	22s47	0s29	15n 7	1s44	20n26	17n 4	23n29	23n32	17s43	3s44	5n 4

Julian Day Number = 1989972.5, Delta T = 55m24s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'11, Lahiri = 6°15'12 Julian Calendar 1 Apr. 736 == Greg. Calendar 5 Apr. 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

MAY 736 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 49 35	13♉36'47	26♏54	29♈43	24♊56	14♉26	28°R 4	6♊11	18°R36	16♉ 9	17°R52	24°R10	25♊47	24♒10	8♓34	T 1
W 2	14 53 32	14°34'19	10♐12	1♉40	26° 3	15° 8	28♍ 1	6°19	18♋35	16°12	17♍51	24♊ 7	25°43	24°17	8°36	W 2
T 3	14 57 28	15°31'50	23° 8	3°39	27°10	15°50	27°57	6°26	18°34	16°14	17°50	24°D 6	25°40	24°24	8°38	T 3
F 4	15 1 25	16°29'20	5♋45	5°40	28°18	16°32	27°54	6°34	18°34	16°16	17°50	24° 7	25°37	24°30	8°40	F 4
S 5	15 5 21	17°26'49	18° 4	7°43	29°25	17°14	27°51	6°41	18°33	16°18	17°49	24° 8	25°34	24°37	8°42	S 5
S 6	15 9 18	18°24'17	0♒ 9	9°47	0♋32	17°55	27°48	6°49	18°32	16°20	17°48	24°10	25°31	24°44	8°44	S 6
M 7	15 13 14	19°21'44	12° 5	11°53	1°38	18°37	27°46	6°57	18°31	16°23	17°48	24°11	25°28	24°50	8°46	M 7
T 8	15 17 11	20°19'10	23°58	14° 1	2°45	19°19	27°43	7° 4	18°31	16°25	17°47	24°R11	25°24	24°57	8°47	T 8
W 9	15 21 7	21°16'36	5♓51	16°10	3°51	20° 0	27°41	7°12	18°30	16°27	17°47	24°10	25°21	25° 4	8°49	W 9
T 10	15 25 4	22°14'01	17°49	18°20	4°58	20°42	27°39	7°19	18°29	16°29	17°46	24° 8	25°18	25°10	8°50	T 10
F 11	15 29 1	23°11'25	29°57	20°30	6° 4	21°24	27°37	7°27	18°28	16°32	17°46	24° 4	25°15	25°17	8°52	F 11
S 12	15 32 57	24° 8'48	12♈18	22°42	7° 9	22° 5	27°35	7°35	18°27	16°34	17°45	23°59	25°12	25°24	8°53	S 12
S 13	15 36 54	25° 6'11	24°55	24°54	8°15	22°47	27°34	7°43	18°26	16°36	17°45	23°55	25° 9	25°31	8°55	S 13
M14	15 40 50	26° 3'32	7♉48	27° 6	9°21	23°28	27°32	7°50	18°24	16°38	17°44	23°50	25° 5	25°37	8°56	M14
T 15	15 44 47	27° 0'53	20°59	29°18	10°26	24°10	27°31	7°58	18°23	16°41	17°44	23°47	25° 2	25°44	8°58	T 15
W16	15 48 43	27°58'14	4♊26	1♊29	11°31	24°51	27°30	8° 6	18°22	16°43	17°44	23°44	24°59	25°51	8°59	W16
T 17	15 52 40	28°55'33	18° 7	3°40	12°36	25°32	27°29	8°14	18°21	16°45	17°43	23°D43	24°56	25°57	9° 0	T 17
F 18	15 56 36	29°52'52	2♋ 1	5°49	13°41	26°13	27°28	8°22	18°19	16°47	17°43	23°43	24°53	26° 4	9° 1	F 18
S 19	16 0 33	0♊50'10	16° 4	7°58	14°45	26°55	27°28	8°29	18°18	16°49	17°43	23°44	24°49	26°11	9° 2	S 19
S 20	16 4 30	1°47'27	0♌13	10° 5	15°49	27°36	27°27	8°37	18°17	16°52	17°43	23°46	24°46	26°18	9° 3	S 20
M21	16 8 26	2°44'43	14°25	12°10	16°53	28°17	27°D27	8°45	18°15	16°54	17°43	23°47	24°43	26°24	9° 4	M21
T 22	16 12 23	3°41'58	28°40	14°14	17°57	28°58	27°27	8°53	18°14	16°56	17°43	23°R47	24°40	26°31	9° 5	T 22
W23	16 16 19	4°39'12	12♍52	16°16	19° 1	29°39	27°28	9° 1	18°12	16°58	17°42	23°47	24°37	26°38	9° 6	W23
T 24	16 20 16	5°36'25	27° 2	18°16	20° 4	0♊20	27°28	9° 9	18°11	17° 0	17°42	23°46	24°34	26°44	9° 7	T 24
F 25	16 24 12	6°33'37	11♎ 6	20°14	21° 7	1° 1	27°29	9°16	18° 9	17° 2	17°D42	23°45	24°30	26°51	9° 8	F 25
S 26	16 28 9	7°30'49	25° 1	22°10	22°10	1°42	27°29	9°24	18° 8	17° 5	17°42	23°43	24°27	26°58	9° 9	S 26
S 27	16 32 5	8°28'00	8♏45	24° 4	23°12	2°23	27°30	9°32	18° 6	17° 7	17°42	23°41	24°24	27° 4	9° 9	S 27
M28	16 36 2	9°25'10	22°16	25°55	24°14	3° 3	27°31	9°40	18° 4	17° 9	17°43	23°39	24°21	27°11	9°10	M28
T 29	16 39 59	10°22'20	5♐32	27°44	25°16	3°44	27°33	9°48	18° 3	17°11	17°43	23°38	24°18	27°18	9°11	T 29
W30	16 43 55	11°19'29	18°33	29°31	26°18	4°25	27°34	9°56	18° 1	17°13	17°43	23°D37	24°15	27°25	9°11	W30
T 31	16 47 52	12♊16'38	1♋17	1♋16	27♋19	5♊ 6	27♍36	10♊ 4	17♋59	17♉15	17♍43	23♊37	24♊11	27♒31	9♓12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n 2	17s18	2n22	10n 4	1s28	25n53	2n23	16n22	0n 6	2n13	1n35	20n13	1s17	22s47	0s29	15n 8	1s44	20n26	17n 3	23n28	23n32	17s41	3s43	5n 4
W 2	16 19	20 54	1 15	10 54	1 19	25 56	2 24	16 35	0 7	2 14	1 35	20 15	1 17	22 47	0 29	15 8	1 44	20 26	17 3	23 28	23 32	17 39	3 42	5 4
T 3	16 36	23 20	0 5	11 44	1 9	25 59	2 25	16 48	0 7	2 15	1 34	20 16	1 17	22 47	0 29	15 9	1 44	20 26	17 2	23 28	23 32	17 37	3 41	5 4
F 4	16 53	24 32	1s 3	12 34	0 59	26 1	2 26	17 1	0 8	2 17	1 34	20 18	1 17	22 48	0 29	15 9	1 44	20 26	17 2	23 28	23 32	17 36	3 40	5 4
S 5	17 9	24 28	2 7	13 24	0 49	26 3	2 27	17 14	0 9	2 17	1 34	20 19	1 16	22 48	0 29	15 10	1 44	20 26	17 1	23 28	23 32	17 34	3 39	5 5
S 6	17 25	23 15	3 4	14 14	0 39	26 3	2 27	17 26	0 9	2 18	1 34	20 20	1 16	22 48	0 29	15 11	1 44	20 26	17 1	23 28	23 32	17 32	3 39	5 5
M 7	17 41	20 59	3 52	15 3	0 28	26 4	2 28	17 38	0 10	2 19	1 33	20 22	1 16	22 48	0 29	15 11	1 44	20 26	17 0	23 28	23 31	17 30	3 38	5 5
T 8	17 57	17 52	4 30	15 52	0 18	26 3	2 29	17 50	0 10	2 20	1 33	20 23	1 16	22 48	0 30	15 12	1 44	20 25	17 0	23 28	23 31	17 28	3 37	5 5
W 9	18 12	14 1	4 56	16 41	0 7	26 2	2 29	18 2	0 11	2 21	1 33	20 25	1 16	22 48	0 30	15 13	1 44	20 25	17 0	23 28	23 31	17 26	3 36	5 6
T 10	18 27	9 36	5 10	17 28	0n 4	26 0	2 29	18 14	0 12	2 21	1 32	20 26	1 16	22 48	0 30	15 13	1 44	20 25	16 59	23 28	23 31	17 24	3 35	5 6
F 11	18 42	4 46	5 10	18 14	0 14	25 57	2 30	18 26	0 12	2 22	1 32	20 27	1 16	22 49	0 30	15 14	1 44	20 25	16 59	23 28	23 31	17 22	3 34	5 6
S 12	18 56	0n21	4 56	18 58	0 25	25 54	2 30	18 37	0 13	2 22	1 32	20 29	1 16	22 49	0 30	15 15	1 44	20 24	16 58	23 28	23 31	17 21	3 34	5 6
S 13	19 10	5 33	4 28	19 41	0 35	25 50	2 30	18 48	0 13	2 23	1 32	20 30	1 16	22 49	0 30	15 15	1 44	20 24	16 58	23 28	23 31	17 19	3 33	5 6
M14	19 24	10 39	3 45	20 22	0 45	25 46	2 30	19 0	0 14	2 23	1 31	20 31	1 15	22 49	0 30	15 16	1 44	20 24	16 57	23 27	23 31	17 17	3 32	5 7
T 15	19 37	15 24	2 50	21 1	0 54	25 40	2 29	19 10	0 15	2 23	1 31	20 33	1 15	22 49	0 30	15 17	1 44	20 24	16 57	23 27	23 31	17 15	3 31	5 7
W16	19 51	19 28	1 44	21 38	1 3	25 34	2 29	19 21	0 15	2 23	1 31	20 34	1 15	22 49	0 30	15 17	1 44	20 23	16 56	23 27	23 30	17 13	3 31	5 7
T 17	20 3	22 33	0 31	22 12	1 12	25 28	2 29	19 32	0 16	2 23	1 31	20 36	1 15	22 50	0 30	15 18	1 44	20 23	16 56	23 27	23 30	17 11	3 30	5 7
F 18	20 16	24 21	0n45	22 44	1 20	25 21	2 28	19 42	0 16	2 24	1 30	20 37	1 15	22 50	0 30	15 18	1 44	20 23	16 55	23 27	23 30	17 9	3 29	5 8
S 19	20 28	24 37	2 0	23 13	1 27	25 13	2 27	19 52	0 17	2 23	1 30	20 38	1 15	22 50	0 30	15 19	1 44	20 22	16 55	23 27	23 30	17 7	3 29	5 8
S 20	20 40	23 18	3 7	23 39	1 34	25 5	2 26	20 3	0 17	2 23	1 30	20 39	1 15	22 50	0 30	15 20	1 44	20 22	16 54	23 27	23 30	17 5	3 28	5 8
M21	20 51	20 30	4 4	24 3	1 40	24 56	2 25	20 12	0 18	2 23	1 30	20 41	1 15	22 51	0 30	15 20	1 44	20 21	16 54	23 27	23 30	17 3	3 28	5 8
T 22	21 2	16 28	4 45	24 24	1 45	24 46	2 24	20 22	0 19	2 23	1 29	20 42	1 15	22 51	0 30	15 21	1 44	20 21	16 53	23 27	23 30	17 1	3 27	5 9
W23	21 13	11 31	5 9	24 42	1 50	24 36	2 23	20 32	0 19	2 23	1 29	20 43	1 15	22 51	0 30	15 21	1 44	20 21	16 53	23 27	23 30	16 59	3 26	5 9
T 24	21 23	5 59	5 15	24 58	1 53	24 26	2 22	20 41	0 20	2 22	1 29	20 45	1 15	22 51	0 30	15 22	1 44	20 20	16 52	23 27	23 29	16 57	3 26	5 9
F 25	21 33	0 12	5 1	25 11	1 57	24 14	2 20	20 50	0 20	2 22	1 28	20 46	1 14	22 51	0 30	15 23	1 44	20 20	16 52	23 27	23 29	16 55	3 25	5 9
S 26	21 43	5s34	4 30	25 21	1 59	24 3	2 19	20 59	0 21	2 21	1 28	20 47	1 14	22 52	0 30	15 23	1 44	20 19	16 51	23 27	23 29	16 53	3 25	5 10
S 27	21 52	11 0	3 43	25 29	2 1	23 50	2 17	21 8	0 22	2 20	1 28	20 48	1 14	22 52	0 30	15 24	1 44	20 19	16 51	23 27	23 29	16 52	3 24	5 10
M28	22 1	15 49	2 45	25 34	2 2	23 38	2 15	21 16	0 22	2 20	1 28	20 50	1 14	22 52	0 30	15 24	1 44	20 18	16 50	23 27	23 29	16 50	3 24	5 10
T 29	22 9	19 46	1 38	25 37	2 2	23 24	2 13	21 25	0 23	2 19	1 27	20 51	1 14	22 52	0 30	15 25	1 44	20 18	16 50	23 27	23 29	16 48	3 23	5 10
W30	22 17	22 38	0 28	25 38	2 2	23 10	2 11	21 33	0 23	2 18	1 27	20 52	1 14	22 53	0 30	15 26	1 44	20 17	16 49	23 27	23 29	16 46	3 23	5 11
T 31	22n25	24s18	0s42	25n36	2n 0	22n56	2n 8	21n41	0n24	2n17	1n27	20n53	1s14	22s53	0s30	15n26	1s44	20n17	16n49	23n27	23n28	16s44	3s23	5n11

Julian Day Number = 1990002.5, Delta T = 55m23s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'15, Lahiri = 6°15'16 Julian Calendar 1 May 736 == Greg. Calendar 5 May 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

JUNE 736 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 51 48	13♊13'47	13♉45	2♋58	28♋20	5♊46	27♍38	10♊11	17°R57	17♉17	17♍43	23♊38	24♊ 8	27♒38	9♓12	F 1
S 2	16 55 45	14°10'56	26° 0	4°38	29°20	6°27	27°40	10°19	17♉55	17°19	17°43	23°39	24° 5	27°45	9°12	S 2
S 3	16 59 41	15° 8'05	8♒ 4	6°16	0♌21	7° 7	27°42	10°27	17°54	17°21	17°44	23°39	24° 2	27°51	9°13	S 3
M 4	17 3 38	16° 5'14	20° 1	7°51	1°21	7°48	27°44	10°35	17°52	17°23	17°44	23°40	23°59	27°58	9°13	M 4
T 5	17 7 35	17° 2'22	1♓54	9°24	2°20	8°28	27°47	10°43	17°50	17°25	17°44	23°41	23°55	28° 5	9°13	T 5
W 6	17 11 31	17°59'31	13°47	10°55	3°19	9° 9	27°49	10°51	17°48	17°27	17°45	23°R41	23°52	28°12	9°13	W 6
T 7	17 15 28	18°56'40	25°46	12°23	4°18	9°49	27°52	10°58	17°46	17°29	17°45	23°41	23°49	28°18	9°14	T 7
F 8	17 19 24	19°53'49	7♈54	13°49	5°17	10°29	27°55	11° 6	17°44	17°31	17°46	23°41	23°46	28°25	9°R14	F 8
S 9	17 23 21	20°50'58	20°17	15°13	6°15	11°10	27°58	11°14	17°42	17°33	17°46	23°41	23°43	28°32	9°14	S 9
S 10	17 27 17	21°48'08	2♉57	16°34	7°12	11°50	28° 2	11°22	17°40	17°35	17°47	23°40	23°40	28°38	9°14	S 10
M11	17 31 14	22°45'17	15°58	17°53	8° 9	12°30	28° 5	11°30	17°38	17°37	17°47	23°40	23°36	28°45	9°13	M11
T 12	17 35 10	23°42'27	29°20	19° 9	9° 6	13°10	28° 9	11°37	17°35	17°39	17°48	23°D40	23°33	28°52	9°13	T 12
W13	17 39 7	24°39'38	13♊ 3	20°22	10° 2	13°50	28°13	11°45	17°33	17°41	17°48	23°40	23°30	28°59	9°13	W13
T 14	17 43 4	25°36'48	27° 6	21°33	10°58	14°30	28°17	11°53	17°31	17°43	17°49	23°R40	23°27	29° 5	9°13	T 14
F 15	17 47 0	26°33'59	11♋25	22°41	11°54	15°11	28°21	12° 1	17°29	17°45	17°50	23°40	23°24	29°12	9°12	F 15
S 16	17 50 57	27°31'10	25°55	23°46	12°48	15°51	28°25	12° 8	17°27	17°46	17°50	23°40	23°21	29°19	9°12	S 16
S 17	17 54 53	28°28'21	10♌30	24°49	13°43	16°31	28°30	12°16	17°25	17°48	17°51	23°39	23°17	29°25	9°12	S 17
M18	17 58 50	29°25'31	25° 4	25°48	14°37	17°10	28°34	12°24	17°22	17°50	17°52	23°39	23°14	29°32	9°11	M18
T 19	18 2 46	0♋22'42	9♍33	26°45	15°30	17°50	28°39	12°31	17°20	17°52	17°53	23°38	23°11	29°39	9°11	T 19
W20	18 6 43	1°19'53	23°51	27°38	16°22	18°30	28°44	12°39	17°18	17°54	17°54	23°38	23° 8	29°46	9°10	W20
T 21	18 10 39	2°17'04	7♎56	28°28	17°14	19°10	28°49	12°46	17°16	17°55	17°54	23°D38	23° 5	29°52	9° 9	T 21
F 22	18 14 36	3°14'14	21°47	29°14	18° 6	19°50	28°55	12°54	17°13	17°57	17°55	23°38	23° 1	29°59	9° 9	F 22
S 23	18 18 33	4°11'25	5♏23	29°57	18°56	20°29	29° 0	13° 1	17°11	17°59	17°56	23°39	22°58	0♓ 6	9° 8	S 23
S 24	18 22 29	5° 8'37	18°44	0♌36	19°46	21° 9	29° 6	13° 9	17° 9	18° 0	17°57	23°40	22°55	0°12	9° 7	S 24
M25	18 26 26	6° 5'48	1♐51	1°11	20°36	21°49	29°11	13°16	17° 6	18° 2	17°58	23°41	22°52	0°19	9° 6	M25
T 26	18 30 22	7° 3'00	14°44	1°42	21°24	22°28	29°17	13°24	17° 4	18° 4	17°59	23°42	22°49	0°26	9° 5	T 26
W27	18 34 19	8° 0'12	27°24	2° 9	22°12	23° 8	29°23	13°31	17° 2	18° 5	18° 0	23°R42	22°46	0°32	9° 4	W27
T 28	18 38 15	8°57'25	9♑52	2°32	22°59	23°48	29°29	13°39	16°59	18° 7	18° 1	23°41	22°42	0°39	9° 3	T 28
F 29	18 42 12	9°54'39	22° 9	2°50	23°45	24°27	29°36	13°46	16°57	18° 8	18° 2	23°40	22°39	0°46	9° 2	F 29
S 30	18 46 8	10♋51'53	4♒17	3♌ 3	24♌31	25♊ 6	29♍42	13♊53	16♉54	18♉10	18♍ 4	23♊38	22♊36	0♓53	9♓ 1	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n33	24s42	1s49	25n33	1n59	22n41	2n 6	21n49	0n24	2n16	1n26	20n55	1s14	22s53	0s30	15n27	1s44	20n16	16n48	23n27	23n28	16s42	3s22	5n11
S 2	22 39	23 52	2 50	25 27	1 56	22 26	2 3	21 57	0 25	2 15	1 26	20 56	1 14	22 53	0 30	15 27	1 44	20 15	16 48	23 27	23 28	16 40	3 22	5 11
S 3	22 46	21 57	3 42	25 20	1 53	22 10	2 0	22 4	0 26	2 14	1 26	20 57	1 14	22 54	0 30	15 28	1 44	20 15	16 47	23 27	23 28	16 38	3 21	5 12
M 4	22 52	19 5	4 24	25 11	1 49	21 54	1 57	22 11	0 26	2 13	1 26	20 58	1 14	22 54	0 30	15 28	1 44	20 14	16 47	23 27	23 28	16 36	3 21	5 12
T 5	22 58	15 27	4 54	25 1	1 45	21 37	1 54	22 18	0 27	2 12	1 25	20 59	1 14	22 54	0 30	15 29	1 44	20 14	16 46	23 27	23 28	16 34	3 21	5 12
W 6	23 3	11 13	5 12	24 49	1 40	21 20	1 51	22 25	0 27	2 10	1 25	21 1	1 14	22 55	0 30	15 29	1 44	20 13	16 46	23 27	23 28	16 32	3 21	5 12
T 7	23 8	6 32	5 17	24 35	1 34	21 3	1 47	22 32	0 28	2 9	1 25	21 2	1 14	22 55	0 30	15 30	1 44	20 12	16 45	23 27	23 27	16 30	3 20	5 13
F 8	23 13	1 33	5 7	24 20	1 28	20 45	1 44	22 38	0 28	2 7	1 25	21 3	1 13	22 55	0 30	15 30	1 44	20 12	16 45	23 27	23 27	16 28	3 20	5 13
S 9	23 17	3n36	4 43	24 5	1 21	20 27	1 40	22 45	0 29	2 6	1 24	21 4	1 13	22 55	0 30	15 31	1 44	20 11	16 44	23 27	23 27	16 26	3 20	5 13
S 10	23 21	8 44	4 6	23 48	1 14	20 9	1 36	22 51	0 30	2 4	1 24	21 5	1 13	22 56	0 30	15 32	1 44	20 10	16 43	23 27	23 27	16 24	3 20	5 13
M11	23 24	13 38	3 14	23 30	1 6	19 50	1 32	22 57	0 30	2 3	1 24	21 6	1 13	22 56	0 30	15 32	1 44	20 10	16 43	23 27	23 27	16 21	3 19	5 14
T 12	23 27	18 1	2 11	23 11	0 58	19 30	1 27	23 2	0 31	2 1	1 23	21 7	1 13	22 56	0 30	15 33	1 44	20 9	16 42	23 27	23 27	16 19	3 19	5 14
W13	23 30	21 33	0 59	22 51	0 49	19 11	1 23	23 8	0 31	1 59	1 23	21 8	1 13	22 57	0 30	15 33	1 44	20 8	16 42	23 27	23 27	16 17	3 19	5 14
T 14	23 32	23 53	0n19	22 31	0 40	18 51	1 18	23 13	0 32	1 57	1 23	21 10	1 13	22 57	0 30	15 34	1 44	20 8	16 41	23 27	23 26	16 15	3 19	5 14
F 15	23 33	24 43	1 37	22 10	0 30	18 31	1 14	23 18	0 32	1 55	1 23	21 11	1 13	22 57	0 30	15 34	1 45	20 7	16 41	23 27	23 26	16 13	3 19	5 15
S 16	23 35	23 53	2 49	21 49	0 20	18 11	1 9	23 23	0 33	1 53	1 22	21 12	1 13	22 58	0 30	15 34	1 45	20 6	16 40	23 27	23 26	16 11	3 19	5 15
S 17	23 36	21 26	3 51	21 27	0 9	17 50	1 3	23 28	0 33	1 51	1 22	21 13	1 13	22 58	0 30	15 35	1 45	20 5	16 40	23 27	23 26	16 9	3 19	5 15
M18	23 36	17 37	4 38	21 5	0s 2	17 29	0 58	23 33	0 34	1 49	1 22	21 14	1 13	22 58	0 30	15 35	1 45	20 5	16 39	23 27	23 26	16 7	3 19	5 15
T 19	23 36	12 47	5 7	20 43	0 14	17 8	0 52	23 37	0 34	1 47	1 22	21 15	1 13	22 58	0 30	15 36	1 45	20 4	16 39	23 27	23 26	16 5	3 19	5 16
W20	23 36	7 18	5 17	20 21	0 26	16 47	0 47	23 41	0 35	1 45	1 21	21 16	1 13	22 59	0 30	15 36	1 45	20 3	16 38	23 27	23 25	16 3	3 19	5 16
T 21	23 35	1 32	5 7	19 59	0 38	16 25	0 41	23 45	0 36	1 43	1 21	21 17	1 13	22 59	0 31	15 37	1 45	20 2	16 38	23 27	23 25	16 1	3 19	5 16
F 22	23 34	4s14	4 39	19 37	0 51	16 4	0 35	23 49	0 36	1 40	1 21	21 18	1 13	22 59	0 31	15 37	1 45	20 2	16 37	23 27	23 25	15 59	3 19	5 16
S 23	23 32	9 41	3 57	19 16	1 4	15 42	0 28	23 52	0 37	1 38	1 21	21 19	1 13	23 0	0 31	15 38	1 45	20 1	16 37	23 27	23 25	15 57	3 19	5 16
S 24	23 30	14 36	3 2	18 54	1 17	15 20	0 22	23 55	0 37	1 35	1 20	21 20	1 13	23 0	0 31	15 38	1 45	20 0	16 37	23 27	23 25	15 55	3 19	5 17
M25	23 28	18 45	1 58	18 34	1 31	14 58	0 15	23 58	0 38	1 33	1 20	21 21	1 13	23 0	0 31	15 39	1 45	19 59	16 36	23 27	23 25	15 52	3 19	5 17
T 26	23 25	21 54	0 49	18 13	1 44	14 36	0 8	24 1	0 38	1 30	1 20	21 22	1 13	23 1	0 31	15 39	1 45	19 58	16 36	23 27	23 24	15 50	3 19	5 17
W27	23 22	23 55	0s20	17 54	1 58	14 13	0 1	24 4	0 39	1 28	1 20	21 23	1 13	23 1	0 31	15 39	1 45	19 57	16 35	23 27	23 24	15 48	3 19	5 17
T 28	23 18	24 42	1 28	17 35	2 12	13 51	0s 6	24 7	0 39	1 25	1 19	21 23	1 13	23 1	0 31	15 40	1 45	19 57	16 35	23 27	23 24	15 46	3 19	5 18
F 29	23 14	24 15	2 31	17 18	2 26	13 29	0 14	24 9	0 40	1 22	1 19	21 24	1 13	23 2	0 31	15 40	1 45	19 56	16 34	23 27	23 24	15 44	3 20	5 18
S 30	23n 9	22s39	3s26	17n 1	2s40	13n 6	0s21	24n11	0n40	1n19	1n19	21n25	1s13	23s 2	0s31	15n40	1s45	19n55	16n34	23n27	23n24	15s42	3s20	5n18

Julian Day Number = 1990033.5, Delta T = 55m23s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'20, Lahiri = 6°15'20 Julian Calendar 1 June 736 == Greg. Calendar 5 June 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

JULY 736 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 50 5	11♋49'08	16♒17	3♌12	25♌15	25♊46	29♍49	14♊ 1	16°R52	18♉11	18♍ 5	23°R35	22♊33	0♓59	9°R 0	S 1
M 2	18 54 2	12°46'23	28°11	3°R16	25°59	26°25	29°55	14° 8	16♂50	18°13	18° 6	23♊32	22°30	1° 6	8♓59	M 2
T 3	18 57 58	13°43'40	10♓ 3	3°14	26°41	27° 5	0♎ 2	14°15	16°47	18°14	18° 7	23°29	22°27	1°13	8°58	T 3
W 4	19 1 55	14°40'58	21°56	3° 8	27°23	27°44	0° 9	14°22	16°45	18°16	18° 8	23°27	22°23	1°19	8°56	W 4
T 5	19 5 51	15°38'16	3♈54	2°57	28° 4	28°23	0°16	14°29	16°42	18°17	18°10	23°25	22°20	1°26	8°55	T 5
F 6	19 9 48	16°35'36	16° 0	2°40	28°43	29° 2	0°23	14°37	16°40	18°19	18°11	23°D25	22°17	1°33	8°53	F 6
S 7	19 13 44	17°32'57	28°21	2°19	29°22	29°42	0°31	14°44	16°38	18°20	18°12	23°25	22°14	1°40	8°52	S 7
S 8	19 17 41	18°30'19	10♉59	1°53	29°59	0♋21	0°38	14°51	16°35	18°21	18°14	23°26	22°11	1°46	8°50	S 8
M 9	19 21 37	19°27'42	23°59	1°23	0♍35	1° 0	0°46	14°58	16°33	18°23	18°15	23°28	22° 7	1°53	8°49	M 9
T 10	19 25 34	20°25'06	7♊23	0°48	1°10	1°39	0°53	15° 5	16°30	18°24	18°16	23°29	22° 4	2° 0	8°47	T 10
W11	19 29 31	21°22'32	21°14	0° 9	1°44	2°18	1° 1	15°11	16°28	18°25	18°18	23°R30	22° 1	2° 7	8°46	W11
T 12	19 33 27	22°19'59	5♋30	29♋28	2°16	2°57	1° 9	15°18	16°26	18°26	18°19	23°30	21°58	2°13	8°44	T 12
F 13	19 37 24	23°17'27	20° 7	28°44	2°47	3°36	1°17	15°25	16°23	18°27	18°21	23°28	21°55	2°20	8°42	F 13
S 14	19 41 20	24°14'56	4♌59	27°58	3°17	4°15	1°26	15°32	16°21	18°29	18°22	23°25	21°52	2°27	8°41	S 14
S 15	19 45 17	25°12'26	19°59	27°11	3°45	4°54	1°34	15°39	16°19	18°30	18°24	23°20	21°48	2°33	8°39	S 15
M16	19 49 13	26° 9'57	4♍58	26°23	4°12	5°33	1°42	15°45	16°16	18°31	18°26	23°16	21°45	2°40	8°37	M16
T 17	19 53 10	27° 7'29	19°46	25°36	4°37	6°12	1°51	15°52	16°14	18°32	18°27	23°12	21°42	2°47	8°35	T 17
W18	19 57 7	28° 5'02	4♎17	24°51	5° 0	6°51	2° 0	15°58	16°11	18°33	18°29	23° 8	21°39	2°54	8°33	W18
T 19	20 1 3	29° 2'35	18°28	24° 8	5°21	7°30	2° 8	16° 5	16° 9	18°34	18°30	23° 6	21°36	3° 0	8°31	T 19
F 20	20 5 0	0♏ 0'10	2♏17	23°29	5°41	8° 8	2°17	16°11	16° 7	18°35	18°32	23°D 6	21°33	3° 7	8°29	F 20
S 21	20 8 56	0°57'46	15°43	22°54	5°59	8°47	2°26	16°18	16° 5	18°36	18°34	23° 7	21°29	3°14	8°27	S 21
S 22	20 12 53	1°55'22	28°50	22°23	6°15	9°26	2°35	16°24	16° 2	18°37	18°35	23° 8	21°26	3°20	8°25	S 22
M23	20 16 49	2°53'00	11♐39	21°58	6°29	10° 4	2°44	16°30	16° 0	18°38	18°37	23° 9	21°23	3°27	8°23	M23
T 24	20 20 46	3°50'39	24°14	21°39	6°41	10°43	2°54	16°36	15°58	18°39	18°39	23°R10	21°20	3°34	8°21	T 24
W25	20 24 42	4°48'19	6♑37	21°27	6°51	11°22	3° 3	16°43	15°55	18°39	18°41	23° 9	21°17	3°41	8°18	W25
T 26	20 28 39	5°46'01	18°51	21°D22	6°59	12° 0	3°13	16°49	15°53	18°40	18°43	23° 6	21°13	3°47	8°16	T 26
F 27	20 32 36	6°43'44	0♒56	21°23	7° 4	12°39	3°22	16°55	15°51	18°41	18°44	23° 1	21°10	3°54	8°14	F 27
S 28	20 36 32	7°41'28	12°56	21°33	7° 8	13°17	3°32	17° 1	15°49	18°42	18°46	22°54	21° 7	4° 1	8°12	S 28
S 29	20 40 29	8°39'13	24°52	21°50	7°R 9	13°56	3°42	17° 7	15°47	18°42	18°48	22°46	21° 4	4° 7	8° 9	S 29
M30	20 44 25	9°37'00	6♓44	22°15	7° 8	14°34	3°52	17°12	15°45	18°43	18°50	22°38	21° 1	4°14	8° 7	M30
T 31	20 48 22	10♌34'49	18♓36	22♋47	7♍ 4	15♋12	4♎ 2	17♊18	15♂42	18♉44	18♍52	22♊29	20♊58	4♓21	8♓ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n 4	20s 3	4s11	16n46	2s53	12n44	0s29	24n13	0n41	1n17	1n19	21n26	1s13	23s 2	0s31	15n41	1s45	19n54	16n33	23n27	23n23	15s40	3s20	5n18
M 2	22 59	16 37	4 44	16 32	3 7	12 22	0 37	24 15	0 41	1 14	1 18	21 27	1 13	23 2	0 31	15 41	1 45	19 53	16 33	23 27	23 23	15 38	3 20	5 18
T 3	22 53	12 34	5 6	16 19	3 20	11 59	0 46	24 16	0 42	1 11	1 18	21 28	1 13	23 3	0 31	15 42	1 45	19 52	16 32	23 26	23 23	15 35	3 21	5 19
W 4	22 47	8 1	5 14	16 8	3 33	11 37	0 54	24 17	0 42	1 8	1 18	21 29	1 13	23 3	0 31	15 42	1 45	19 51	16 32	23 26	23 23	15 33	3 21	5 19
T 5	22 41	3 10	5 9	15 59	3 45	11 15	1 3	24 18	0 43	1 5	1 18	21 30	1 13	23 3	0 31	15 42	1 45	19 50	16 31	23 26	23 23	15 31	3 21	5 19
F 6	22 34	1n52	4 50	15 51	3 57	10 53	1 12	24 19	0 43	1 2	1 17	21 30	1 13	23 4	0 31	15 43	1 45	19 49	16 31	23 26	23 23	15 29	3 22	5 19
S 7	22 27	6 56	4 18	15 45	4 8	10 31	1 21	24 20	0 44	0 59	1 17	21 31	1 12	23 4	0 31	15 43	1 45	19 48	16 31	23 26	23 22	15 27	3 22	5 19
S 8	22 19	11 51	3 33	15 41	4 18	10 9	1 30	24 21	0 44	0 55	1 17	21 32	1 12	23 4	0 31	15 43	1 45	19 48	16 30	23 26	23 22	15 25	3 22	5 20
M 9	22 11	16 24	2 35	15 40	4 26	9 47	1 40	24 21	0 45	0 52	1 17	21 33	1 12	23 5	0 31	15 44	1 45	19 47	16 30	23 26	23 22	15 23	3 23	5 20
T 10	22 2	20 15	1 27	15 40	4 34	9 26	1 50	24 21	0 45	0 49	1 17	21 34	1 12	23 5	0 31	15 44	1 46	19 46	16 29	23 26	23 22	15 20	3 23	5 20
W11	21 53	23 6	0 12	15 42	4 40	9 4	2 0	24 21	0 46	0 45	1 16	21 34	1 12	23 5	0 31	15 44	1 46	19 45	16 29	23 27	23 22	15 18	3 24	5 20
T 12	21 44	24 34	1n 5	15 46	4 45	8 43	2 10	24 21	0 46	0 42	1 16	21 35	1 12	23 6	0 31	15 44	1 46	19 44	16 28	23 26	23 21	15 16	3 24	5 20
F 13	21 35	24 24	2 20	15 52	4 48	8 22	2 20	24 20	0 47	0 39	1 16	21 36	1 12	23 6	0 31	15 45	1 46	19 43	16 28	23 26	23 21	15 14	3 24	5 21
S 14	21 25	22 30	3 27	16 0	4 49	8 2	2 31	24 20	0 48	0 35	1 16	21 37	1 12	23 6	0 31	15 45	1 46	19 42	16 28	23 26	23 21	15 12	3 25	5 21
S 15	21 14	19 2	4 21	16 9	4 48	7 41	2 42	24 19	0 48	0 32	1 15	21 37	1 12	23 6	0 31	15 45	1 46	19 41	16 27	23 26	23 21	15 10	3 25	5 21
M16	21 4	14 20	4 56	16 20	4 46	7 22	2 53	24 18	0 49	0 28	1 15	21 38	1 12	23 7	0 31	15 46	1 46	19 40	16 27	23 26	23 21	15 7	3 26	5 21
T 17	20 53	8 50	5 11	16 33	4 42	7 2	3 4	24 16	0 49	0 24	1 15	21 39	1 12	23 7	0 31	15 46	1 46	19 39	16 26	23 26	23 20	15 5	3 27	5 21
W18	20 41	2 57	5 6	16 47	4 36	6 43	3 15	24 15	0 50	0 21	1 15	21 39	1 12	23 7	0 31	15 46	1 46	19 38	16 26	23 25	23 20	15 3	3 27	5 21
T 19	20 29	2s57	4 42	17 2	4 28	6 24	3 27	24 13	0 50	0 17	1 15	21 40	1 12	23 8	0 31	15 46	1 46	19 37	16 26	23 25	23 20	15 1	3 28	5 22
F 20	20 17	8 34	4 2	17 18	4 18	6 6	3 39	24 11	0 51	0 13	1 14	21 41	1 12	23 8	0 31	15 46	1 46	19 36	16 25	23 25	23 20	14 58	3 28	5 22
S 21	20 5	13 38	3 9	17 35	4 8	5 49	3 50	24 9	0 51	0 10	1 14	21 41	1 12	23 8	0 31	15 47	1 46	19 35	16 25	23 25	23 20	14 56	3 29	5 22
S 22	19 52	17 57	2 8	17 52	3 55	5 31	4 3	24 7	0 51	0 6	1 14	21 42	1 12	23 8	0 31	15 47	1 46	19 34	16 25	23 25	23 19	14 54	3 30	5 22
M23	19 39	21 19	1 2	18 9	3 42	5 15	4 15	24 5	0 52	0 2	1 14	21 43	1 12	23 9	0 31	15 47	1 46	19 33	16 24	23 25	23 19	14 52	3 30	5 22
T 24	19 25	23 34	0s 6	18 26	3 27	4 59	4 27	24 2	0 52	0s 2	1 14	21 43	1 12	23 9	0 31	15 47	1 46	19 32	16 24	23 26	23 19	14 50	3 31	5 22
W25	19 12	24 38	1 12	18 44	3 11	4 44	4 39	24 0	0 53	0 6	1 13	21 44	1 12	23 9	0 31	15 47	1 46	19 31	16 24	23 25	23 19	14 47	3 32	5 22
T 26	18 58	24 29	2 14	19 1	2 55	4 29	4 52	23 57	0 53	0 10	1 13	21 45	1 13	23 9	0 31	15 48	1 46	19 30	16 23	23 25	23 19	14 45	3 32	5 23
F 27	18 43	23 10	3 10	19 17	2 38	4 16	5 5	23 54	0 54	0 14	1 13	21 45	1 13	23 10	0 31	15 48	1 46	19 29	16 23	23 25	23 18	14 43	3 33	5 23
S 28	18 28	20 49	3 56	19 32	2 21	4 3	5 17	23 50	0 54	0 18	1 13	21 46	1 13	23 10	0 31	15 48	1 46	19 28	16 23	23 25	23 18	14 41	3 34	5 23
S 29	18 13	17 35	4 32	19 47	2 4	3 51	5 30	23 47	0 55	0 22	1 13	21 46	1 13	23 10	0 31	15 48	1 47	19 27	16 22	23 24	23 18	14 38	3 35	5 23
M30	17 58	13 39	4 55	20 0	1 47	3 39	5 42	23 43	0 55	0 26	1 13	21 47	1 13	23 11	0 31	15 48	1 47	19 26	16 22	23 24	23 18	14 36	3 35	5 23
T 31	17n42	9s13	5s 6	20n12	1s29	3n29	5s55	23n39	0n56	0s30	1n12	21n47	1s13	23s11	0s31	15n48	1s47	19n25	16n22	23n23	23n18	14s34	3s36	5n23

Julian Day Number = 1990063.5, Delta T = 55m22s
Ecliptic obliquity = 23°36'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'24, Lahiri = 6°15'24 Julian Calendar 1 July 736 == Greg. Calendar 5 July 736

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 736
geocentric

AUGUST 736 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 52 18	11♌32'39	0♈29	23♋27	6°R58	15♋51	4♎12	17♊24	15°R40	18♉44	18♍54	22°R21	20♊54	4♓28	8°R 2	W 1
T 2	20 56 15	12°30'32	12°27	24°14	6♍50	16°29	4°22	17°29	15♑38	18°45	18°56	22♊15	20°51	4°34	8♓ 0	T 2
F 3	21 0 11	13°28'25	24°32	25° 9	6°39	17° 7	4°32	17°35	15°36	18°45	18°58	22°11	20°48	4°41	7°57	F 3
S 4	21 4 8	14°26'21	6♉50	26°10	6°26	17°46	4°43	17°41	15°34	18°46	19° 0	22° 9	20°45	4°48	7°55	S 4
S 5	21 8 4	15°24'19	19°23	27°18	6°11	18°24	4°53	17°46	15°32	18°46	19° 2	22°D 9	20°42	4°54	7°52	S 5
M 6	21 12 1	16°22'19	2♊18	28°33	5°53	19° 2	5° 3	17°51	15°30	18°47	19° 4	22°10	20°38	5° 1	7°50	M 6
T 7	21 15 58	17°20'21	15°37	29°53	5°33	19°40	5°14	17°57	15°28	18°47	19° 6	22°R10	20°35	5° 8	7°47	T 7
W 8	21 19 54	18°18'25	29°25	1♌19	5°11	20°18	5°25	18° 2	15°26	18°48	19° 8	22°10	20°32	5°15	7°45	W 8
T 9	21 23 51	19°16'30	13♋40	2°49	4°47	20°57	5°36	18° 7	15°25	18°48	19°10	22° 8	20°29	5°21	7°42	T 9
F 10	21 27 47	20°14'38	28°22	4°24	4°21	21°35	5°46	18°12	15°23	18°48	19°12	22° 4	20°26	5°28	7°39	F 10
S 11	21 31 44	21°12'48	13♌25	6° 3	3°53	22°13	5°57	18°17	15°21	18°49	19°14	21°58	20°23	5°35	7°37	S 11
S 12	21 35 40	22°10'59	28°40	7°46	3°23	22°51	6° 8	18°22	15°19	18°49	19°16	21°50	20°19	5°41	7°34	S 12
M13	21 39 37	23° 9'12	13♍56	9°31	2°51	23°29	6°19	18°27	15°17	18°49	19°18	21°40	20°16	5°48	7°31	M13
T 14	21 43 34	24° 7'26	29° 3	11°19	2°19	24° 7	6°31	18°31	15°16	18°49	19°20	21°32	20°13	5°55	7°29	T 14
W15	21 47 30	25° 5'43	13♎50	13° 9	1°44	24°45	6°42	18°36	15°14	18°49	19°23	21°24	20°10	6° 2	7°26	W15
T 16	21 51 27	26° 4'01	28°13	15° 1	1° 9	25°22	6°53	18°40	15°12	18°49	19°25	21°19	20° 7	6° 8	7°23	T 16
F 17	21 55 23	27° 2'20	12♏ 7	16°53	0°33	26° 0	7° 4	18°45	15°11	18°50	19°27	21°16	20° 4	6°15	7°20	F 17
S 18	21 59 20	28° 0'41	25°35	18°47	29♌57	26°38	7°16	18°49	15° 9	18°50	19°29	21°D15	20° 0	6°22	7°18	S 18
S 19	22 3 16	28°59'04	8♐37	20°41	29°20	27°16	7°27	18°54	15° 8	18°R50	19°31	21°15	19°57	6°29	7°15	S 19
M20	22 7 13	29°57'28	21°18	22°36	28°43	27°54	7°39	18°58	15° 6	18°50	19°33	21°R16	19°54	6°35	7°12	M20
T 21	22 11 9	0♍55'55	3♑43	24°30	28° 6	28°31	7°50	19° 2	15° 5	18°49	19°36	21°15	19°51	6°42	7° 9	T 21
W22	22 15 6	1°54'22	15°55	26°24	27°30	29° 9	8° 2	19° 6	15° 3	18°49	19°38	21°12	19°48	6°49	7° 7	W22
T 23	22 19 2	2°52'52	27°59	28°18	26°54	29°47	8°14	19°10	15° 2	18°49	19°40	21° 7	19°44	6°55	7° 4	T 23
F 24	22 22 59	3°51'23	9♒56	0♍12	26°19	0♌24	8°26	19°14	15° 1	18°49	19°42	20°59	19°41	7° 2	7° 1	F 24
S 25	22 26 56	4°49'56	21°50	2° 4	25°45	1° 2	8°38	19°17	14°59	18°49	19°45	20°48	19°38	7° 9	6°58	S 25
S 26	22 30 52	5°48'31	3♓43	3°57	25°12	1°39	8°49	19°21	14°58	18°49	19°47	20°35	19°35	7°16	6°55	S 26
M27	22 34 49	6°47'08	15°35	5°48	24°41	2°17	9° 1	19°25	14°57	18°48	19°49	20°22	19°32	7°22	6°53	M27
T 28	22 38 45	7°45'48	27°29	7°38	24°11	2°54	9°13	19°28	14°56	18°48	19°51	20° 8	19°29	7°29	6°50	T 28
W29	22 42 42	8°44'29	9♈26	9°28	23°43	3°32	9°26	19°32	14°55	18°48	19°54	19°56	19°25	7°36	6°47	W29
T 30	22 46 38	9°43'12	21°27	11°17	23°17	4° 9	9°38	19°35	14°54	18°47	19°56	19°46	19°22	7°42	6°44	T 30
F 31	22 50 35	10♍41'58	3♉36	13♍ 4	22♌53	4♌47	9♎50	19♊38	14♑53	18♉47	19♍58	19♊38	19♊19	7♓49	6♓41	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n26	4s26	5s 4	20n22	1s12	3n20	6s 7	23n35	0n56	0s35	1n12	21n48	1s13	23s11	0s31	15n48	1s47	19n24	16n21	23n23	23n17	14s32	3s37	5n23
T 2	17 10	0n32	4 48	20 30	0 56	3 11	6 19	23 31	0 57	0 39	1 12	21 48	1 13	23 11	0 31	15 49	1 47	19 23	16 21	23 22	23 17	14 29	3 38	5 23
F 3	16 53	5 33	4 20	20 36	0 40	3 4	6 32	23 27	0 57	0 43	1 12	21 49	1 13	23 11	0 31	15 49	1 47	19 22	16 21	23 22	23 17	14 27	3 39	5 23
S 4	16 37	10 27	3 39	20 40	0 24	2 58	6 43	23 22	0 58	0 47	1 12	21 49	1 13	23 12	0 31	15 49	1 47	19 21	16 21	23 22	23 17	14 25	3 39	5 23
S 5	16 20	15 1	2 47	20 42	0 9	2 53	6 55	23 17	0 58	0 52	1 11	21 50	1 13	23 12	0 31	15 49	1 47	19 20	16 20	23 22	23 16	14 23	3 40	5 24
M 6	16 2	19 3	1 45	20 41	0n 5	2 48	7 6	23 13	0 59	0 56	1 11	21 50	1 13	23 12	0 31	15 49	1 47	19 18	16 20	23 22	23 16	14 20	3 41	5 24
T 7	15 45	22 14	0 35	20 37	0 19	2 46	7 17	23 8	0 59	1 0	1 11	21 51	1 13	23 12	0 31	15 49	1 47	19 17	16 20	23 22	23 16	14 18	3 42	5 24
W 8	15 27	24 15	0n39	20 31	0 31	2 44	7 28	23 2	1 0	1 5	1 11	21 51	1 13	23 13	0 31	15 49	1 47	19 16	16 20	23 22	23 16	14 16	3 43	5 24
T 9	15 9	24 46	1 52	20 22	0 43	2 43	7 38	22 57	1 0	1 9	1 11	21 52	1 13	23 13	0 31	15 49	1 47	19 15	16 19	23 22	23 16	14 13	3 44	5 24
F 10	14 50	23 35	3 1	20 10	0 54	2 44	7 47	22 51	1 1	1 14	1 11	21 52	1 13	23 13	0 31	15 49	1 47	19 14	16 19	23 22	23 15	14 11	3 45	5 24
S 11	14 32	20 42	3 58	19 55	1 3	2 46	7 56	22 46	1 1	1 18	1 11	21 52	1 13	23 13	0 31	15 49	1 47	19 13	16 19	23 21	23 15	14 9	3 46	5 24
S 12	14 13	16 23	4 40	19 37	1 12	2 48	8 4	22 40	1 2	1 23	1 10	21 53	1 13	23 13	0 31	15 49	1 47	19 12	16 19	23 21	23 15	14 6	3 47	5 24
M13	13 54	10 59	5 1	19 16	1 20	2 53	8 12	22 34	1 2	1 27	1 10	21 53	1 13	23 14	0 31	15 49	1 47	19 11	16 19	23 20	23 15	14 4	3 48	5 24
T 14	13 34	4 59	5 1	18 53	1 27	2 58	8 19	22 28	1 2	1 32	1 10	21 54	1 13	23 14	0 31	15 49	1 47	19 10	16 18	23 20	23 14	14 2	3 49	5 24
W15	13 15	1s11	4 41	18 28	1 32	3 4	8 25	22 21	1 3	1 36	1 10	21 54	1 13	23 14	0 31	15 49	1 47	19 9	16 18	23 19	23 14	13 59	3 50	5 24
T 16	12 55	7 7	4 3	18 0	1 37	3 11	8 30	22 15	1 3	1 41	1 10	21 54	1 13	23 14	0 31	15 49	1 48	19 8	16 18	23 19	23 14	13 57	3 51	5 24
F 17	12 35	12 32	3 12	17 29	1 41	3 20	8 34	22 8	1 4	1 46	1 10	21 55	1 13	23 14	0 31	15 49	1 48	19 7	16 18	23 19	23 14	13 55	3 52	5 24
S 18	12 15	17 9	2 12	16 57	1 44	3 29	8 37	22 1	1 4	1 50	1 10	21 55	1 13	23 14	0 31	15 49	1 48	19 6	16 18	23 19	23 13	13 52	3 53	5 24
S 19	11 54	20 47	1 7	16 23	1 46	3 40	8 40	21 54	1 5	1 55	1 9	21 55	1 13	23 15	0 31	15 49	1 48	19 5	16 18	23 19	23 13	13 50	3 54	5 24
M20	11 34	23 19	0s 0	15 46	1 48	3 51	8 41	21 47	1 5	2 0	1 9	21 56	1 13	23 15	0 31	15 49	1 48	19 4	16 17	23 19	23 13	13 48	3 55	5 24
T 21	11 13	24 39	1 6	15 9	1 49	4 3	8 42	21 40	1 6	2 4	1 9	21 56	1 13	23 15	0 31	15 49	1 48	19 3	16 17	23 19	23 13	13 45	3 56	5 24
W22	10 52	24 45	2 7	14 30	1 49	4 15	8 42	21 33	1 6	2 9	1 9	21 56	1 13	23 15	0 30	15 49	1 48	19 2	16 17	23 19	23 12	13 43	3 57	5 24
T 23	10 31	23 40	3 2	13 50	1 48	4 28	8 40	21 25	1 7	2 14	1 9	21 56	1 13	23 15	0 30	15 49	1 48	19 1	16 17	23 18	23 12	13 41	3 58	5 24
F 24	10 10	21 32	3 48	13 8	1 47	4 42	8 38	21 18	1 7	2 19	1 9	21 57	1 13	23 15	0 30	15 49	1 48	19 0	16 17	23 18	23 12	13 38	3 59	5 24
S 25	9 48	18 28	4 23	12 26	1 45	4 56	8 35	21 10	1 8	2 24	1 9	21 57	1 13	23 15	0 30	15 48	1 48	18 59	16 17	23 17	23 12	13 36	4 0	5 24
S 26	9 27	14 40	4 47	11 43	1 42	5 11	8 31	21 2	1 8	2 28	1 8	21 57	1 13	23 16	0 30	15 48	1 48	18 58	16 17	23 16	23 11	13 34	4 1	5 24
M27	9 5	10 18	4 59	10 59	1 39	5 25	8 26	20 54	1 8	2 33	1 8	21 57	1 13	23 16	0 30	15 48	1 48	18 57	16 17	23 15	23 11	13 31	4 2	5 24
T 28	8 43	5 33	4 58	10 15	1 36	5 40	8 21	20 46	1 9	2 38	1 8	21 58	1 14	23 16	0 30	15 48	1 48	18 56	16 17	23 14	23 11	13 29	4 3	5 24
W29	8 21	0 34	4 43	9 30	1 32	5 55	8 15	20 37	1 9	2 43	1 8	21 58	1 14	23 16	0 30	15 48	1 48	18 55	16 16	23 13	23 11	13 27	4 4	5 24
T 30	7 59	4n28	4 16	8 45	1 28	6 10	8 8	20 29	1 10	2 48	1 8	21 58	1 14	23 16	0 30	15 48	1 48	18 54	16 16	23 12	23 10	13 24	4 5	5 24
F 31	7n36	9n24	3s37	7n59	1n24	6n25	8s 0	20n20	1n10	2s53	1n 8	21n58	1s14	23s16	0s30	15n48	1s48	18n53	16n16	23n12	23n10	13s22	4s 6	5n24

Julian Day Number = 1990094.5, Delta T = 55m21s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'28, Lahiri = 6°15'28 Julian Calendar 1 Aug. 736 == Greg. Calendar 5 Aug. 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

SEPTEMBER 736 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 54 31	11♍40'45	15♉54	14♍51	22°R32	5♌24	10♎ 2	19♊41	14°R52	18°R47	20♍ 1	19°R33	19♊16	7♓56	6°R39	S 1
S 2	22 58 28	12°39'36	28°27	16°37	22♌13	6° 1	10°14	19°44	14♑51	18♉46	20° 3	19♊31	19°13	8° 3	6♓36	S 2
M 3	23 2 25	13°38'28	11♊17	18°22	21°56	6°39	10°27	19°47	14°50	18°46	20° 5	19°31	19°10	8° 9	6°33	M 3
T 4	23 6 21	14°37'23	24°30	20° 6	21°41	7°16	10°39	19°50	14°49	18°45	20° 8	19°31	19° 6	8°16	6°30	T 4
W 5	23 10 18	15°36'21	8♋ 8	21°49	21°29	7°53	10°51	19°52	14°48	18°45	20°10	19°30	19° 3	8°23	6°27	W 5
T 6	23 14 14	16°35'21	22°14	23°31	21°19	8°30	11° 4	19°55	14°47	18°44	20°12	19°27	19° 0	8°29	6°25	T 6
F 7	23 18 11	17°34'23	6♌47	25°13	21°12	9° 8	11°16	19°58	14°47	18°43	20°14	19°22	18°57	8°36	6°22	F 7
S 8	23 22 7	18°33'27	21°44	26°53	21° 7	9°45	11°29	20° 0	14°46	18°43	20°17	19°14	18°54	8°43	6°19	S 8
S 9	23 26 4	19°32'34	6♍57	28°33	21° 4	10°22	11°42	20° 2	14°45	18°42	20°19	19° 4	18°50	8°50	6°16	S 9
M10	23 30 0	20°31'42	22°16	0♎11	21°D 4	10°59	11°54	20° 4	14°45	18°41	20°21	18°53	18°47	8°56	6°14	M10
T 11	23 33 57	21°30'53	7♎30	1°49	21° 7	11°36	12° 7	20° 6	14°44	18°41	20°24	18°41	18°44	9° 3	6°11	T 11
W12	23 37 54	22°30'06	22°27	3°26	21°11	12°13	12°20	20° 8	14°44	18°40	20°26	18°32	18°41	9°10	6° 8	W12
T 13	23 41 50	23°29'21	7♏ 0	5° 2	21°18	12°50	12°32	20°10	14°44	18°39	20°28	18°25	18°38	9°17	6° 6	T 13
F 14	23 45 47	24°28'37	21° 3	6°38	21°27	13°27	12°45	20°12	14°43	18°38	20°31	18°20	18°35	9°23	6° 3	F 14
S 15	23 49 43	25°27'56	4♐37	8°12	21°38	14° 4	12°58	20°13	14°43	18°38	20°33	18°18	18°31	9°30	6° 1	S 15
S 16	23 53 40	26°27'17	17°43	9°46	21°52	14°41	13°11	20°15	14°43	18°37	20°35	18°D18	18°28	9°37	5°58	S 16
M17	23 57 36	27°26'39	0♑25	11°19	22° 7	15°18	13°24	20°16	14°42	18°36	20°38	18°R18	18°25	9°43	5°55	M17
T 18	0 1 33	28°26'03	12°48	12°52	22°24	15°54	13°36	20°18	14°42	18°35	20°40	18°17	18°22	9°50	5°53	T 18
W19	0 5 29	29°25'29	24°57	14°23	22°44	16°31	13°49	20°19	14°42	18°34	20°42	18°14	18°19	9°57	5°50	W19
T 20	0 9 26	0♎24'57	6♒56	15°54	23° 5	17° 8	14° 2	20°20	14°42	18°33	20°45	18° 9	18°16	10° 4	5°48	T 20
F 21	0 13 23	1°24'26	18°49	17°25	23°28	17°44	14°15	20°21	14°D42	18°32	20°47	18° 1	18°12	10°10	5°45	F 21
S 22	0 17 19	2°23'58	0♓41	18°54	23°53	18°21	14°28	20°22	14°42	18°31	20°49	17°51	18° 9	10°17	5°43	S 22
S 23	0 21 16	3°23'31	12°33	20°23	24°19	18°58	14°41	20°22	14°42	18°30	20°52	17°38	18° 6	10°24	5°41	S 23
M24	0 25 12	4°23'07	24°28	21°51	24°48	19°34	14°54	20°23	14°42	18°29	20°54	17°25	18° 3	10°30	5°38	M24
T 25	0 29 9	5°22'44	6♈27	23°18	25°17	20°11	15° 7	20°24	14°43	18°27	20°56	17°11	18° 0	10°37	5°36	T 25
W26	0 33 5	6°22'24	18°31	24°45	25°49	20°47	15°20	20°24	14°43	18°26	20°58	16°59	17°56	10°44	5°33	W26
T 27	0 37 2	7°22'05	0♉42	26°11	26°22	21°24	15°33	20°24	14°43	18°25	21° 1	16°48	17°53	10°51	5°31	T 27
F 28	0 40 58	8°21'49	13° 0	27°36	26°56	22° 0	15°46	20°24	14°43	18°24	21° 3	16°41	17°50	10°57	5°29	F 28
S 29	0 44 55	9°21'35	25°28	29° 0	27°31	22°36	16° 0	20°R25	14°44	18°23	21° 5	16°36	17°47	11° 4	5°27	S 29
S 30	0 48 51	10♎21'24	8♊ 8	0♏23	28♌ 8	23♌13	16♎13	20♊24	14♑44	18♉21	21♍ 7	16♊34	17♊44	11♓11	5♓25	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n14	14n 2	2s47	7n13	1n19	6n39	7s52	20n11	1n11	2s58	1n 8	21n58	1s14	23s16	0s30	15n47	1s48	18n52	16n16	23n11	23n10	13s19	4s 7	5n24
S 2	6 51	18 11	1 49	6 27	1 14	6 54	7 43	20 3	1 11	3 3	1 8	21 59	1 14	23 16	0 30	15 47	1 48	18 51	16 16	23 11	23 10	13 17	4 9	5 24
M 3	6 29	21 34	0 43	5 41	1 9	7 8	7 34	19 54	1 12	3 8	1 8	21 59	1 14	23 16	0 30	15 47	1 49	18 50	16 16	23 11	23 9	13 15	4 10	5 23
T 4	6 6	23 56	0n26	4 55	1 3	7 22	7 24	19 44	1 12	3 13	1 8	21 59	1 14	23 17	0 30	15 47	1 49	18 49	16 16	23 11	23 9	13 12	4 11	5 23
W 5	5 43	24 58	1 37	4 8	0 57	7 35	7 14	19 35	1 12	3 18	1 7	21 59	1 14	23 17	0 30	15 47	1 49	18 48	16 16	23 11	23 9	13 10	4 12	5 23
T 6	5 20	24 27	2 43	3 22	0 51	7 48	7 4	19 26	1 13	3 23	1 7	21 59	1 14	23 17	0 30	15 46	1 49	18 47	16 16	23 11	23 9	13 7	4 13	5 23
F 7	4 57	22 17	3 42	2 36	0 45	8 0	6 53	19 16	1 13	3 28	1 7	21 59	1 14	23 17	0 30	15 46	1 49	18 47	16 16	23 10	23 8	13 5	4 14	5 23
S 8	4 33	18 33	4 27	1 50	0 39	8 12	6 42	19 7	1 14	3 33	1 7	22 0	1 14	23 17	0 30	15 46	1 49	18 46	16 16	23 10	23 8	13 3	4 15	5 23
S 9	4 10	13 33	4 53	1 5	0 32	8 24	6 31	18 57	1 14	3 38	1 7	22 0	1 14	23 17	0 30	15 46	1 49	18 45	16 16	23 9	23 8	13 0	4 16	5 23
M10	3 47	7 40	4 59	0 19	0 26	8 34	6 20	18 47	1 15	3 43	1 7	22 0	1 14	23 17	0 30	15 46	1 49	18 44	16 16	23 8	23 8	12 58	4 17	5 23
T 11	3 23	1 21	4 44	0s26	0 19	8 45	6 8	18 37	1 15	3 48	1 7	22 0	1 14	23 17	0 30	15 45	1 49	18 43	16 16	23 7	23 7	12 55	4 18	5 23
W12	3 0	4s56	4 10	1 11	0 12	8 54	5 57	18 27	1 16	3 53	1 7	22 0	1 14	23 17	0 30	15 45	1 49	18 42	16 16	23 6	23 7	12 53	4 20	5 22
T 13	2 36	10 48	3 20	1 56	0 5	9 3	5 45	18 17	1 16	3 58	1 7	22 0	1 14	23 17	0 30	15 45	1 49	18 41	16 16	23 6	23 7	12 50	4 21	5 22
F 14	2 13	15 55	2 19	2 40	0s 2	9 11	5 33	18 7	1 16	4 3	1 7	22 0	1 14	23 17	0 30	15 45	1 49	18 40	16 16	23 5	23 6	12 48	4 22	5 22
S 15	1 49	20 2	1 12	3 24	0 9	9 19	5 22	17 57	1 17	4 8	1 7	22 0	1 14	23 17	0 30	15 44	1 49	18 39	16 16	23 5	23 6	12 46	4 23	5 22
S 16	1 25	22 59	0 3	4 8	0 16	9 25	5 10	17 46	1 17	4 13	1 6	22 0	1 14	23 17	0 30	15 44	1 49	18 39	16 17	23 5	23 6	12 43	4 24	5 22
M17	1 1	24 40	1s 4	4 51	0 23	9 31	4 59	17 36	1 18	4 18	1 6	22 0	1 14	23 17	0 30	15 44	1 49	18 38	16 17	23 5	23 6	12 41	4 25	5 22
T 18	0 38	25 4	2 6	5 34	0 30	9 37	4 47	17 25	1 18	4 23	1 6	22 0	1 15	23 17	0 30	15 43	1 49	18 37	16 17	23 5	23 5	12 38	4 26	5 21
W19	0 14	24 15	3 1	6 16	0 37	9 42	4 35	17 15	1 19	4 28	1 6	22 0	1 15	23 17	0 30	15 43	1 49	18 36	16 17	23 5	23 5	12 36	4 27	5 21
T 20	0s10	22 19	3 47	6 58	0 44	9 45	4 24	17 4	1 19	4 33	1 6	22 0	1 15	23 17	0 30	15 43	1 49	18 35	16 17	23 4	23 5	12 33	4 28	5 21
F 21	0 34	19 27	4 23	7 40	0 51	9 49	4 13	16 53	1 19	4 39	1 6	22 0	1 15	23 17	0 30	15 42	1 49	18 34	16 17	23 4	23 5	12 31	4 29	5 21
S 22	0 58	15 47	4 47	8 20	0 58	9 51	4 1	16 42	1 20	4 44	1 6	22 0	1 15	23 17	0 30	15 42	1 49	18 34	16 17	23 3	23 4	12 28	4 30	5 21
S 23	1 21	11 30	4 59	9 1	1 5	9 53	3 50	16 31	1 20	4 49	1 6	22 0	1 15	23 17	0 30	15 42	1 49	18 33	16 17	23 1	23 4	12 26	4 31	5 21
M24	1 45	6 46	4 58	9 40	1 11	9 54	3 39	16 20	1 21	4 54	1 6	22 0	1 15	23 17	0 30	15 41	1 50	18 32	16 18	23 0	23 4	12 23	4 33	5 20
T 25	2 9	1 46	4 44	10 19	1 18	9 55	3 28	16 8	1 21	4 59	1 6	22 0	1 15	23 17	0 30	15 41	1 50	18 31	16 18	22 59	23 3	12 21	4 34	5 20
W26	2 33	3n21	4 17	10 58	1 25	9 54	3 18	15 57	1 22	5 4	1 6	22 0	1 15	23 17	0 30	15 41	1 50	18 31	16 18	22 58	23 3	12 18	4 35	5 20
T 27	2 57	8 24	3 38	11 35	1 31	9 53	3 7	15 46	1 22	5 9	1 6	22 0	1 15	23 17	0 30	15 40	1 50	18 30	16 18	22 57	23 3	12 16	4 36	5 20
F 28	3 20	13 11	2 48	12 12	1 38	9 51	2 56	15 34	1 22	5 14	1 6	22 0	1 15	23 17	0 30	15 40	1 50	18 29	16 18	22 56	23 3	12 13	4 37	5 20
S 29	3 44	17 29	1 50	12 49	1 44	9 49	2 46	15 23	1 23	5 19	1 6	22 0	1 15	23 17	0 30	15 40	1 50	18 28	16 18	22 55	23 2	12 11	4 38	5 19
S 30	4s 8	21n 5	0s45	13s24	1s50	9n46	2s36	15n11	1n23	5s25	1n 6	22n 0	1s15	23s17	0s30	15n39	1s50	18n28	16n19	22n55	23n 2	12s 8	4s39	5n19

Julian Day Number = 1990125.5, Delta T = 55m20s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'32, Lahiri = 6°15'33 Julian Calendar 1 Sept. 736 == Greg. Calendar 5 Sept. 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

OCTOBER 736 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 52 48	11♎21'14	21♊ 2	1♏45	28♌47	23♌49	16♎26	20°R24	14♑45	18°R20	21♍10	16°D34	17♊41	11♓18	5°R22	M 1
T 2	0 56 45	12°21'07	4♋13	3° 7	29°26	24°25	16°39	20♊24	14°45	18♉19	21°12	16♊35	17°37	11°24	5♓20	T 2
W 3	1 0 41	13°21'02	17°45	4°27	0♍ 7	25° 2	16°52	20°24	14°46	18°18	21°14	16°R35	17°34	11°31	5°18	W 3
T 4	1 4 38	14°21'00	1♌40	5°47	0°49	25°38	17° 5	20°23	14°47	18°16	21°16	16°33	17°31	11°38	5°16	T 4
F 5	1 8 34	15°21'00	15°58	7° 5	1°32	26°14	17°18	20°23	14°47	18°15	21°18	16°30	17°28	11°44	5°14	F 5
S 6	1 12 31	16°21'02	0♍37	8°22	2°16	26°50	17°32	20°22	14°48	18°14	21°20	16°24	17°25	11°51	5°12	S 6
S 7	1 16 27	17°21'06	15°32	9°37	3° 1	27°26	17°45	20°21	14°49	18°12	21°23	16°16	17°21	11°58	5°10	S 7
M 8	1 20 24	18°21'12	0♎36	10°51	3°47	28° 2	17°58	20°20	14°50	18°11	21°25	16° 7	17°18	12° 5	5° 9	M 8
T 9	1 24 20	19°21'20	15°39	12° 4	4°34	28°38	18°11	20°19	14°51	18° 9	21°27	15°58	17°15	12°11	5° 7	T 9
W10	1 28 17	20°21'31	0♏31	13°14	5°22	29°14	18°24	20°18	14°52	18° 8	21°29	15°50	17°12	12°18	5° 5	W10
T 11	1 32 14	21°21'43	15° 3	14°23	6°10	29°50	18°37	20°16	14°53	18° 6	21°31	15°44	17° 9	12°25	5° 3	T 11
F 12	1 36 10	22°21'56	29°11	15°29	7° 0	0♍26	18°51	20°15	14°54	18° 5	21°33	15°40	17° 6	12°31	5° 2	F 12
S 13	1 40 7	23°22'12	12♐50	16°33	7°50	1° 1	19° 4	20°14	14°55	18° 3	21°35	15°D39	17° 2	12°38	5° 0	S 13
S 14	1 44 3	24°22'29	26° 2	17°33	8°41	1°37	19°17	20°12	14°56	18° 2	21°37	15°39	16°59	12°45	4°58	S 14
M15	1 48 0	25°22'48	8♑50	18°31	9°33	2°13	19°30	20°10	14°57	18° 0	21°39	15°40	16°56	12°52	4°57	M15
T 16	1 51 56	26°23'08	21°16	19°25	10°26	2°49	19°43	20° 8	14°58	17°59	21°41	15°R41	16°53	12°58	4°55	T 16
W17	1 55 53	27°23'30	3♒27	20°15	11°19	3°24	19°56	20° 6	15° 0	17°57	21°43	15°41	16°50	13° 5	4°54	W17
T 18	1 59 49	28°23'53	15°26	21° 1	12°13	4° 0	20° 9	20° 4	15° 1	17°56	21°45	15°40	16°47	13°12	4°53	T 18
F 19	2 3 46	29°24'18	27°19	21°42	13° 8	4°35	20°23	20° 2	15° 3	17°54	21°47	15°36	16°43	13°19	4°51	F 19
S 20	2 7 43	0♏24'44	9♓11	22°17	14° 3	5°11	20°36	20° 0	15° 4	17°52	21°49	15°30	16°40	13°25	4°50	S 20
S 21	2 11 39	1°25'11	21° 4	22°46	14°59	5°46	20°49	19°58	15° 6	17°51	21°51	15°22	16°37	13°32	4°49	S 21
M22	2 15 36	2°25'40	3♈ 2	23° 7	15°56	6°21	21° 2	19°55	15° 7	17°49	21°53	15°14	16°34	13°39	4°48	M22
T 23	2 19 32	3°26'11	15° 8	23°22	16°53	6°57	21°15	19°53	15° 9	17°48	21°55	15° 6	16°31	13°45	4°46	T 23
W24	2 23 29	4°26'43	27°22	23°R27	17°50	7°32	21°28	19°50	15°10	17°46	21°57	14°58	16°27	13°52	4°45	W24
T 25	2 27 25	5°27'17	9♉47	23°24	18°48	8° 7	21°41	19°47	15°12	17°44	21°58	14°52	16°24	13°59	4°44	T 25
F 26	2 31 22	6°27'52	22°21	23°11	19°47	8°42	21°54	19°44	15°14	17°43	22° 0	14°48	16°21	14° 6	4°43	F 26
S 27	2 35 18	7°28'29	5♊ 7	22°48	20°46	9°17	22° 7	19°41	15°16	17°41	22° 2	14°46	16°18	14°12	4°42	S 27
S 28	2 39 15	8°29'07	18° 4	22°14	21°46	9°52	22°20	19°38	15°17	17°39	22° 4	14°D45	16°15	14°19	4°42	S 28
M29	2 43 12	9°29'48	1♋13	21°30	22°46	10°27	22°33	19°35	15°19	17°38	22° 6	14°46	16°12	14°26	4°41	M29
T 30	2 47 8	10°30'30	14°35	20°35	23°47	11° 2	22°46	19°32	15°21	17°36	22° 7	14°48	16° 8	14°33	4°40	T 30
W31	2 51 5	11♏31'13	28♋12	19♏32	24♍48	11♍37	22♎58	19♊29	15♑23	17♉34	22♍ 9	14♊49	16♊ 5	14♓39	4♓39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	4s31	23n42	0n24	13s59	1s56	9n42	2s26	14n59	1n24	5s30	1n 6	22n 0	1s15	23s16	0s30	15n39	1s50	18n27	16n19	22n55	23n 2	12s 6	4s40	5n19
T 2	4 55	25 5	1 33	14 32	2 2	9 37	2 16	14 48	1 24	5 35	1 6	22 0	1 15	23 16	0 30	15 38	1 50	18 26	16 19	22 55	23 1	12 3	4 41	5 19
W 3	5 18	25 2	2 38	15 5	2 7	9 32	2 6	14 36	1 25	5 40	1 5	22 0	1 15	23 16	0 30	15 38	1 50	18 26	16 19	22 55	23 1	12 1	4 42	5 18
T 4	5 42	23 26	3 36	15 37	2 13	9 26	1 57	14 24	1 25	5 45	1 5	22 0	1 15	23 16	0 30	15 38	1 50	18 25	16 19	22 55	23 1	11 58	4 43	5 18
F 5	6 5	20 20	4 23	16 8	2 18	9 20	1 48	14 12	1 25	5 50	1 5	22 0	1 15	23 16	0 30	15 37	1 50	18 24	16 20	22 55	23 0	11 56	4 43	5 18
S 6	6 28	15 53	4 53	16 38	2 23	9 13	1 38	14 0	1 26	5 55	1 5	22 0	1 15	23 16	0 30	15 37	1 50	18 24	16 20	22 54	23 0	11 53	4 44	5 18
S 7	6 51	10 24	5 4	17 7	2 27	9 5	1 29	13 48	1 26	6 0	1 5	22 0	1 15	23 16	0 30	15 36	1 50	18 23	16 20	22 53	23 0	11 51	4 45	5 17
M 8	7 15	4 16	4 55	17 35	2 31	8 56	1 21	13 36	1 27	6 5	1 5	22 0	1 15	23 16	0 30	15 36	1 50	18 22	16 20	22 52	23 0	11 48	4 46	5 17
T 9	7 38	2s 8	4 25	18 1	2 35	8 47	1 12	13 23	1 27	6 10	1 5	22 0	1 15	23 16	0 30	15 36	1 50	18 22	16 21	22 51	22 59	11 46	4 47	5 17
W10	8 0	8 20	3 37	18 26	2 38	8 37	1 4	13 11	1 28	6 15	1 5	21 59	1 15	23 16	0 30	15 35	1 50	18 21	16 21	22 51	22 59	11 43	4 48	5 17
T 11	8 23	13 58	2 36	18 50	2 41	8 27	0 55	12 59	1 28	6 20	1 5	21 59	1 16	23 15	0 30	15 35	1 50	18 21	16 21	22 50	22 59	11 41	4 49	5 16
F 12	8 46	18 42	1 27	19 12	2 44	8 16	0 47	12 46	1 28	6 26	1 5	21 59	1 16	23 15	0 30	15 34	1 50	18 20	16 22	22 50	22 58	11 38	4 50	5 16
S 13	9 8	22 15	0 15	19 33	2 46	8 5	0 39	12 34	1 29	6 31	1 5	21 59	1 16	23 15	0 30	15 34	1 50	18 19	16 22	22 49	22 58	11 36	4 51	5 16
S 14	9 31	24 28	0s56	19 52	2 47	7 53	0 31	12 22	1 29	6 36	1 5	21 59	1 16	23 15	0 30	15 33	1 50	18 19	16 22	22 49	22 58	11 33	4 51	5 16
M15	9 53	25 20	2 1	20 9	2 48	7 40	0 24	12 9	1 30	6 41	1 5	21 59	1 16	23 15	0 30	15 33	1 50	18 18	16 23	22 50	22 57	11 30	4 52	5 15
T 16	10 15	24 52	3 0	20 24	2 48	7 27	0 16	11 57	1 30	6 46	1 5	21 59	1 16	23 15	0 30	15 33	1 50	18 18	16 23	22 50	22 57	11 28	4 53	5 15
W17	10 37	23 13	3 49	20 37	2 48	7 14	0 9	11 44	1 31	6 51	1 5	21 58	1 16	23 15	0 30	15 32	1 50	18 17	16 23	22 50	22 57	11 25	4 54	5 15
T 18	10 59	20 33	4 26	20 48	2 46	6 59	0 2	11 31	1 31	6 56	1 5	21 58	1 16	23 14	0 29	15 32	1 50	18 17	16 24	22 50	22 56	11 23	4 55	5 14
F 19	11 20	17 3	4 53	20 57	2 44	6 45	0n 5	11 19	1 31	7 1	1 5	21 58	1 16	23 14	0 29	15 31	1 50	18 16	16 24	22 49	22 56	11 20	4 55	5 14
S 20	11 42	12 54	5 6	21 3	2 40	6 29	0 11	11 6	1 32	7 6	1 5	21 58	1 16	23 14	0 29	15 31	1 50	18 16	16 24	22 48	22 56	11 18	4 56	5 14
S 21	12 3	8 15	5 6	21 6	2 36	6 14	0 18	10 53	1 32	7 10	1 5	21 58	1 16	23 14	0 29	15 30	1 50	18 16	16 25	22 48	22 56	11 15	4 57	5 13
M22	12 24	3 16	4 53	21 6	2 30	5 58	0 24	10 41	1 33	7 15	1 5	21 57	1 16	23 14	0 29	15 30	1 50	18 15	16 25	22 47	22 55	11 12	4 58	5 13
T 23	12 45	1n54	4 27	21 3	2 23	5 41	0 31	10 28	1 33	7 20	1 5	21 57	1 16	23 13	0 29	15 29	1 50	18 15	16 25	22 46	22 55	11 10	4 58	5 13
W24	13 5	7 3	3 48	20 56	2 15	5 24	0 37	10 15	1 34	7 25	1 5	21 57	1 16	23 13	0 29	15 29	1 50	18 14	16 26	22 45	22 55	11 7	4 59	5 13
T 25	13 26	12 1	2 58	20 46	2 5	5 6	0 42	10 2	1 34	7 30	1 5	21 57	1 16	23 13	0 29	15 28	1 50	18 14	16 26	22 44	22 54	11 5	5 0	5 12
F 26	13 46	16 34	1 59	20 31	1 53	4 49	0 48	9 49	1 34	7 35	1 5	21 57	1 16	23 13	0 29	15 28	1 50	18 14	16 27	22 44	22 54	11 2	5 0	5 12
S 27	14 6	20 26	0 52	20 13	1 40	4 30	0 54	9 36	1 35	7 40	1 5	21 56	1 16	23 13	0 29	15 27	1 50	18 13	16 27	22 44	22 54	11 0	5 1	5 12
S 28	14 26	23 22	0n18	19 50	1 25	4 11	0 59	9 23	1 35	7 45	1 5	21 56	1 16	23 12	0 29	15 27	1 50	18 13	16 27	22 43	22 53	10 57	5 1	5 11
M29	14 45	25 4	1 29	19 22	1 9	3 52	1 4	9 10	1 36	7 49	1 5	21 56	1 16	23 12	0 29	15 26	1 50	18 13	16 28	22 44	22 53	10 54	5 2	5 11
T 30	15 4	25 23	2 36	18 50	0 51	3 33	1 9	8 57	1 36	7 54	1 5	21 56	1 16	23 12	0 29	15 26	1 50	18 12	16 28	22 44	22 53	10 52	5 3	5 11
W31	15s23	24n10	3n35	18s15	0s32	3n13	1n14	8n44	1n37	7s59	1n 5	21n55	1s16	23s12	0s29	15n26	1s50	18n12	16n29	22n44	22n52	10s49	5s 3	5n10

Julian Day Number = 1990155.5, Delta T = 55m20s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'36, Lahiri = 6°15'37 Julian Calendar 1 Oct. 736 == Greg. Calendar 5 Oct. 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

NOVEMBER 736 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 55 1	12♏31'59	12♌ 3	18°R20	25♍49	12♍12	23♎11	19°R25	15♉25	17°R33	22♍11	14°R50	16♊ 2	14♓46	4°R39	T 1
F 2	2 58 58	13°32'46	26°10	17♏ 3	26°51	12°46	23°24	19♊22	15°27	17♉31	22°12	14♊49	15°59	14°53	4♓38	F 2
S 3	3 2 54	14°33'34	10♍30	15°41	27°53	13°21	23°37	19°18	15°29	17°29	22°14	14°47	15°56	14°59	4°38	S 3
S 4	3 6 51	15°34'24	25° 1	14°19	28°56	13°56	23°50	19°15	15°31	17°27	22°15	14°44	15°53	15° 6	4°37	S 4
M 5	3 10 47	16°35'16	9♎39	12°59	29°59	14°30	24° 2	19°11	15°34	17°26	22°17	14°40	15°49	15°13	4°37	M 5
T 6	3 14 44	17°36'09	24°16	11°43	1♎ 3	15° 5	24°15	19° 7	15°36	17°24	22°19	14°35	15°46	15°20	4°36	T 6
W 7	3 18 41	18°37'04	8♏46	10°34	2° 6	15°39	24°28	19° 3	15°38	17°22	22°20	14°32	15°43	15°26	4°36	W 7
T 8	3 22 37	19°38'00	23° 2	9°33	3°10	16°13	24°40	18°59	15°40	17°21	22°22	14°29	15°40	15°33	4°36	T 8
F 9	3 26 34	20°38'57	7♐ 0	8°43	4°15	16°48	24°53	18°55	15°43	17°19	22°23	14°28	15°37	15°40	4°36	F 9
S 10	3 30 30	21°39'55	20°37	8° 4	5°19	17°22	25° 5	18°51	15°45	17°17	22°24	14°D28	15°33	15°46	4°35	S 10
S 11	3 34 27	22°40'54	3♑50	7°37	6°24	17°56	25°18	18°47	15°47	17°16	22°26	14°29	15°30	15°53	4°35	S 11
M12	3 38 23	23°41'54	16°40	7°20	7°30	18°30	25°30	18°43	15°50	17°14	22°27	14°30	15°27	16° 0	4°D35	M12
T 13	3 42 20	24°42'54	29°11	7°D15	8°35	19° 4	25°42	18°39	15°52	17°12	22°29	14°32	15°24	16° 7	4°35	T 13
W14	3 46 16	25°43'56	11♒25	7°21	9°41	19°38	25°55	18°34	15°55	17°11	22°30	14°33	15°21	16°13	4°35	W14
T 15	3 50 13	26°44'58	23°27	7°36	10°47	20°12	26° 7	18°30	15°57	17° 9	22°31	14°R34	15°18	16°20	4°36	T 15
F 16	3 54 10	27°46'00	5♓21	8° 0	11°53	20°45	26°19	18°25	16° 0	17° 7	22°32	14°34	15°14	16°27	4°36	F 16
S 17	3 58 6	28°47'03	17°14	8°32	13° 0	21°19	26°31	18°21	16° 3	17° 6	22°34	14°33	15°11	16°34	4°36	S 17
S 18	4 2 3	29°48'07	29° 8	9°11	14° 7	21°52	26°43	18°16	16° 5	17° 4	22°35	14°31	15° 8	16°40	4°36	S 18
M19	4 5 59	0♐49'11	11♈ 8	9°56	15°14	22°26	26°55	18°12	16° 8	17° 2	22°36	14°29	15° 5	16°47	4°37	M19
T 20	4 9 56	1°50'16	23°19	10°47	16°21	22°59	27° 7	18° 7	16°11	17° 1	22°37	14°27	15° 2	16°54	4°37	T 20
W21	4 13 52	2°51'22	5♉41	11°43	17°28	23°33	27°19	18° 2	16°14	16°59	22°38	14°25	14°58	17° 0	4°38	W21
T 22	4 17 49	3°52'28	18°18	12°43	18°36	24° 6	27°31	17°58	16°16	16°57	22°39	14°24	14°55	17° 7	4°38	T 22
F 23	4 21 45	4°53'35	1♊10	13°47	19°44	24°39	27°43	17°53	16°19	16°56	22°40	14°23	14°52	17°14	4°39	F 23
S 24	4 25 42	5°54'42	14°18	14°54	20°52	25°12	27°55	17°48	16°22	16°54	22°41	14°D23	14°49	17°21	4°40	S 24
S 25	4 29 39	6°55'50	27°39	16° 4	22° 0	25°45	28° 6	17°43	16°25	16°53	22°42	14°23	14°46	17°27	4°40	S 25
M26	4 33 35	7°56'59	11♋14	17°17	23° 9	26°18	28°18	17°38	16°28	16°51	22°43	14°23	14°43	17°34	4°41	M26
T 27	4 37 32	8°58'08	25° 0	18°32	24°18	26°51	28°30	17°34	16°31	16°49	22°44	14°24	14°39	17°41	4°42	T 27
W28	4 41 28	9°59'18	8♌56	19°49	25°27	27°23	28°41	17°29	16°34	16°48	22°45	14°25	14°36	17°48	4°43	W28
T 29	4 45 25	11° 0'29	22°58	21° 8	26°36	27°56	28°52	17°24	16°37	16°46	22°46	14°25	14°33	17°54	4°44	T 29
F 30	4 49 21	12♐ 1'40	7♍ 7	22♏28	27♎45	28♍29	29♎ 4	17♊19	16♉40	16♉45	22♍47	14°R25	14♊30	18♓ 1	4♓45	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s42	21n30	4n23	17s36	0s12	2n53	1n19	8n31	1n37	8s 4	1n 5	21n55	1s16	23s11	0s29	15n25	1s50	18n12	16n29	22n44	22n52	10s46	5s 4	5n10
F 2	16 1	17 31	4 56	16 54	0n 9	2 32	1 23	8 18	1 37	8 8	1 5	21 55	1 16	23 11	0 29	15 25	1 50	18 12	16 30	22 44	22 52	10 44	5 4	5 10
S 3	16 19	12 29	5 12	16 11	0 29	2 11	1 28	8 5	1 38	8 13	1 5	21 55	1 16	23 11	0 29	15 24	1 50	18 11	16 30	22 44	22 51	10 41	5 5	5 9
S 4	16 37	6 41	5 8	15 28	0 49	1 50	1 32	7 52	1 38	8 18	1 5	21 54	1 16	23 11	0 29	15 24	1 50	18 11	16 30	22 43	22 51	10 39	5 5	5 9
M 5	16 55	0 30	4 44	14 45	1 9	1 28	1 36	7 39	1 39	8 23	1 5	21 54	1 16	23 10	0 29	15 23	1 50	18 11	16 31	22 43	22 51	10 36	5 6	5 9
T 6	17 12	5s44	4 1	14 5	1 27	1 7	1 40	7 26	1 39	8 27	1 5	21 54	1 16	23 10	0 29	15 23	1 50	18 11	16 31	22 42	22 50	10 33	5 6	5 8
W 7	17 29	11 37	3 3	13 28	1 43	0 45	1 44	7 13	1 39	8 32	1 5	21 53	1 16	23 10	0 29	15 22	1 50	18 11	16 32	22 42	22 50	10 31	5 7	5 8
T 8	17 46	16 48	1 55	12 55	1 57	0 22	1 47	7 0	1 40	8 36	1 5	21 53	1 16	23 9	0 29	15 22	1 50	18 10	16 32	22 42	22 50	10 28	5 7	5 8
F 9	18 2	20 57	0 41	12 28	2 9	0s 0	1 51	6 47	1 40	8 41	1 5	21 53	1 16	23 9	0 29	15 21	1 50	18 10	16 33	22 41	22 49	10 25	5 7	5 7
S 10	18 18	23 50	0s34	12 6	2 20	0 23	1 54	6 34	1 41	8 46	1 5	21 52	1 16	23 9	0 29	15 21	1 50	18 10	16 33	22 41	22 49	10 23	5 8	5 7
S 11	18 34	25 17	1 45	11 49	2 27	0 46	1 57	6 21	1 41	8 50	1 6	21 52	1 16	23 9	0 29	15 20	1 50	18 10	16 34	22 42	22 49	10 20	5 8	5 7
M12	18 50	25 20	2 48	11 38	2 33	1 9	2 0	6 8	1 42	8 55	1 6	21 52	1 16	23 8	0 29	15 20	1 50	18 10	16 34	22 42	22 48	10 17	5 8	5 6
T 13	19 5	24 5	3 42	11 33	2 38	1 33	2 3	5 55	1 42	8 59	1 6	21 52	1 16	23 8	0 29	15 19	1 50	18 10	16 35	22 42	22 48	10 15	5 9	5 6
W14	19 19	21 42	4 24	11 32	2 40	1 56	2 6	5 42	1 42	9 3	1 6	21 51	1 16	23 8	0 29	15 19	1 50	18 10	16 35	22 42	22 47	10 12	5 9	5 6
T 15	19 34	18 25	4 55	11 36	2 41	2 20	2 8	5 29	1 43	9 8	1 6	21 51	1 16	23 7	0 29	15 18	1 50	18 10	16 36	22 42	22 47	10 10	5 9	5 5
F 16	19 48	14 26	5 12	11 45	2 40	2 44	2 11	5 16	1 43	9 12	1 6	21 51	1 15	23 7	0 29	15 18	1 50	18 10	16 36	22 42	22 47	10 7	5 9	5 5
S 17	20 2	9 55	5 15	11 56	2 39	3 8	2 13	5 3	1 44	9 17	1 6	21 50	1 15	23 7	0 29	15 18	1 50	18 10	16 37	22 42	22 46	10 4	5 10	5 5
S 18	20 15	5 1	5 6	12 11	2 36	3 32	2 15	4 50	1 44	9 21	1 6	21 50	1 15	23 6	0 29	15 17	1 50	18 10	16 37	22 42	22 46	10 2	5 10	5 4
M19	20 28	0n 7	4 42	12 29	2 32	3 56	2 17	4 37	1 45	9 25	1 6	21 49	1 15	23 6	0 29	15 17	1 50	18 10	16 38	22 42	22 46	9 59	5 10	5 4
T 20	20 40	5 18	4 6	12 49	2 28	4 20	2 19	4 24	1 45	9 30	1 6	21 49	1 15	23 6	0 29	15 16	1 50	18 10	16 38	22 41	22 45	9 56	5 10	5 4
W21	20 52	10 24	3 18	13 11	2 23	4 45	2 20	4 11	1 45	9 34	1 6	21 49	1 15	23 5	0 29	15 16	1 50	18 10	16 39	22 41	22 45	9 53	5 10	5 3
T 22	21 4	15 10	2 19	13 35	2 17	5 9	2 22	3 59	1 46	9 38	1 6	21 48	1 15	23 5	0 29	15 15	1 50	18 10	16 40	22 41	22 45	9 51	5 10	5 3
F 23	21 15	19 21	1 13	14 0	2 11	5 34	2 23	3 46	1 46	9 42	1 6	21 48	1 15	23 5	0 29	15 15	1 50	18 10	16 40	22 41	22 44	9 48	5 10	5 3
S 24	21 26	22 40	0 0	14 26	2 5	5 58	2 25	3 33	1 47	9 46	1 6	21 48	1 15	23 4	0 29	15 14	1 50	18 10	16 41	22 41	22 44	9 45	5 10	5 2
S 25	21 37	24 48	1n13	14 52	1 58	6 23	2 26	3 20	1 47	9 51	1 6	21 47	1 15	23 4	0 29	15 14	1 50	18 10	16 41	22 41	22 44	9 43	5 10	5 2
M26	21 47	25 30	2 23	15 20	1 51	6 47	2 27	3 7	1 48	9 55	1 6	21 47	1 15	23 4	0 29	15 14	1 50	18 10	16 42	22 41	22 43	9 40	5 10	5 2
T 27	21 57	24 40	3 27	15 48	1 44	7 12	2 27	2 55	1 48	9 59	1 6	21 47	1 15	23 3	0 29	15 13	1 50	18 10	16 42	22 41	22 43	9 37	5 10	5 1
W28	22 6	22 18	4 18	16 16	1 37	7 36	2 28	2 42	1 48	10 3	1 7	21 46	1 15	23 3	0 29	15 13	1 50	18 11	16 43	22 41	22 42	9 35	5 10	5 1
T 29	22 15	18 36	4 55	16 44	1 29	8 1	2 29	2 29	1 49	10 7	1 7	21 46	1 15	23 2	0 29	15 12	1 50	18 11	16 43	22 41	22 42	9 32	5 10	5 1
F 30	22s23	13n49	5n15	17s12	1n22	8s25	2n29	2n17	1n49	10s11	1n 7	21n45	1s15	23s 2	0s29	15n12	1s50	18n11	16n44	22n41	22n42	9s29	5s10	5n 1

Julian Day Number = 1990186.5, Delta T = 55m19s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'41, Lahiri = 6°15'41 Julian Calendar 1 Nov. 736 == Greg. Calendar 5 Nov. 736

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ASTRODIENST EPHEMERIS for the year 736
geocentric

DECEMBER 736 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 53 18	13♐ 2'52	21♍18	23♏49	28♎54	29♍ 1	29♎15	17°R14	16♑43	16°R43	22♍47	14°R25	14♊27	18♓ 8	4♓46	S 1
S 2	4 57 14	14° 4'05	5♎31	25°11	0♏ 4	29°33	29°26	17♊ 9	16°46	16♉42	22°48	14°D25	14°24	18°14	4°47	S 2
M 3	5 1 11	15° 5'18	19°42	26°35	1°13	0♎ 6	29°37	17° 4	16°49	16°40	22°49	14♊25	14°20	18°21	4°48	M 3
T 4	5 5 8	16° 6'31	3♏49	28° 0	2°23	0°38	29°48	16°59	16°52	16°39	22°49	14°25	14°17	18°28	4°49	T 4
W 5	5 9 4	17° 7'45	17°49	29°25	3°33	1°10	29°59	16°54	16°55	16°38	22°50	14°25	14°14	18°35	4°51	W 5
T 6	5 13 1	18° 9'00	1♐38	0♐51	4°43	1°41	0♏10	16°49	16°59	16°36	22°51	14°26	14°11	18°41	4°52	T 6
F 7	5 16 57	19°10'15	15°14	2°18	5°54	2°13	0°21	16°44	17° 2	16°35	22°51	14°R26	14° 8	18°48	4°53	F 7
S 8	5 20 54	20°11'29	28°35	3°45	7° 4	2°45	0°32	16°39	17° 5	16°33	22°52	14°26	14° 4	18°55	4°55	S 8
S 9	5 24 50	21°12'44	11♑38	5°13	8°14	3°16	0°42	16°34	17° 8	16°32	22°52	14°25	14° 1	19° 2	4°56	S 9
M10	5 28 47	22°13'59	24°24	6°42	9°25	3°48	0°53	16°29	17°11	16°31	22°53	14°24	13°58	19° 8	4°58	M10
T 11	5 32 44	23°15'14	6♒54	8°11	10°36	4°19	1° 3	16°24	17°15	16°29	22°53	14°23	13°55	19°15	5° 0	T 11
W12	5 36 40	24°16'28	19° 9	9°40	11°46	4°50	1°13	16°19	17°18	16°28	22°53	14°21	13°52	19°22	5° 1	W12
T 13	5 40 37	25°17'41	1♓13	11°10	12°57	5°21	1°24	16°14	17°21	16°27	22°54	14°20	13°49	19°28	5° 3	T 13
F 14	5 44 33	26°18'55	13° 9	12°41	14° 8	5°52	1°34	16° 9	17°25	16°26	22°54	14°19	13°45	19°35	5° 5	F 14
S 15	5 48 30	27°20'08	25° 1	14°11	15°19	6°23	1°44	16° 5	17°28	16°24	22°54	14°D19	13°42	19°42	5° 6	S 15
S 16	5 52 26	28°21'20	6♈54	15°43	16°31	6°53	1°54	16° 0	17°31	16°23	22°55	14°19	13°39	19°49	5° 8	S 16
M17	5 56 23	29°22'32	18°54	17°15	17°42	7°24	2° 3	15°55	17°35	16°22	22°55	14°20	13°36	19°55	5°10	M17
T 18	6 0 19	0♑23'43	1♉ 4	18°47	18°53	7°54	2°13	15°50	17°38	16°21	22°55	14°21	13°33	20° 2	5°12	T 18
W19	6 4 16	1°24'54	13°30	20°19	20° 5	8°24	2°23	15°45	17°42	16°20	22°55	14°23	13°30	20° 9	5°14	W19
T 20	6 8 13	2°26'04	26°13	21°52	21°16	8°54	2°32	15°41	17°45	16°19	22°55	14°24	13°26	20°15	5°16	T 20
F 21	6 12 9	3°27'14	9♊17	23°26	22°28	9°24	2°42	15°36	17°48	16°18	22°55	14°R25	13°23	20°22	5°18	F 21
S 22	6 16 6	4°28'23	22°42	25° 0	23°40	9°54	2°51	15°32	17°52	16°17	22°R55	14°25	13°20	20°29	5°21	S 22
S 23	6 20 2	5°29'31	6♋28	26°34	24°51	10°24	3° 0	15°27	17°55	16°16	22°55	14°23	13°17	20°36	5°23	S 23
M24	6 23 59	6°30'39	20°31	28° 9	26° 3	10°53	3° 9	15°23	17°59	16°15	22°55	14°21	13°14	20°42	5°25	M24
T 25	6 27 55	7°31'47	4♌48	29°45	27°15	11°22	3°18	15°18	18° 2	16°14	22°55	14°18	13°10	20°49	5°27	T 25
W26	6 31 52	8°32'53	19°12	1♑21	28°27	11°52	3°27	15°14	18° 6	16°13	22°55	14°14	13° 7	20°56	5°30	W26
T 27	6 35 48	9°34'00	3♍39	2°57	29°39	12°20	3°35	15° 9	18° 9	16°12	22°55	14°11	13° 4	21° 3	5°32	T 27
F 28	6 39 45	10°35'06	18° 3	4°34	0♐52	12°49	3°44	15° 5	18°13	16°11	22°55	14° 8	13° 1	21° 9	5°34	F 28
S 29	6 43 42	11°36'11	2♎21	6°12	2° 4	13°18	3°52	15° 1	18°16	16°10	22°54	14° 7	12°58	21°16	5°37	S 29
S 30	6 47 38	12°37'16	16°29	7°50	3°16	13°46	4° 1	14°57	18°20	16°10	22°54	14°D 6	12°55	21°23	5°39	S 30
M31	6 51 35	13♑38'21	0♏26	9♑29	4♐28	14♎15	4♏ 9	14♊53	18♑23	16♉ 9	22♍54	14♊ 7	12♊51	21♓29	5♓42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s31	8n17	5n15	17s40	1n14	8s50	2n30	2n 4	1n50	10s15	1n 7	21n45	1s14	23s 2	0s29	15n12	1s50	18n11	16n45	22n41	22n41	9s27	5s10	5n 0
S 2	22 39	2 19	4 56	18 7	1 6	9 14	2 30	1 52	1 50	10 18	1 7	21 45	1 14	23 1	0 29	15 11	1 50	18 11	16 45	22 41	22 41	9 24	5 10	5 0
M 3	22 46	3s46	4 19	18 35	0 58	9 38	2 30	1 39	1 50	10 22	1 7	21 44	1 14	23 1	0 29	15 11	1 50	18 12	16 46	22 41	22 41	9 21	5 10	5 0
T 4	22 52	9 38	3 27	19 1	0 51	10 2	2 30	1 27	1 51	10 26	1 7	21 44	1 14	23 0	0 29	15 10	1 50	18 12	16 46	22 41	22 40	9 18	5 10	4 59
W 5	22 59	14 59	2 22	19 28	0 43	10 26	2 30	1 14	1 51	10 30	1 7	21 43	1 14	23 0	0 29	15 10	1 50	18 12	16 47	22 41	22 40	9 16	5 10	4 59
T 6	23 4	19 29	1 10	19 54	0 35	10 50	2 30	1 2	1 52	10 34	1 7	21 43	1 14	23 0	0 29	15 10	1 50	18 13	16 47	22 41	22 39	9 13	5 10	4 59
F 7	23 9	22 51	0s 4	20 19	0 28	11 14	2 29	0 49	1 52	10 37	1 7	21 43	1 14	22 59	0 29	15 9	1 50	18 13	16 48	22 41	22 39	9 10	5 9	4 58
S 8	23 14	24 53	1 18	20 43	0 20	11 37	2 29	0 37	1 53	10 41	1 7	21 42	1 14	22 59	0 29	15 9	1 50	18 13	16 49	22 41	22 39	9 7	5 9	4 58
S 9	23 19	25 30	2 25	21 7	0 13	12 1	2 28	0 25	1 53	10 45	1 7	21 42	1 14	22 58	0 29	15 9	1 50	18 13	16 49	22 41	22 38	9 5	5 9	4 58
M10	23 22	24 44	3 24	21 29	0 5	12 24	2 28	0 13	1 53	10 48	1 8	21 42	1 14	22 58	0 29	15 8	1 50	18 14	16 50	22 41	22 38	9 2	5 9	4 57
T 11	23 26	22 43	4 11	21 51	0s 2	12 47	2 27	0 1	1 54	10 52	1 8	21 41	1 13	22 58	0 29	15 8	1 49	18 14	16 50	22 41	22 38	8 59	5 8	4 57
W12	23 29	19 42	4 46	22 12	0 9	13 9	2 26	0s11	1 54	10 55	1 8	21 41	1 13	22 57	0 29	15 8	1 49	18 15	16 51	22 41	22 37	8 56	5 8	4 57
T 13	23 31	15 54	5 8	22 32	0 16	13 32	2 25	0 23	1 55	10 59	1 8	21 40	1 13	22 57	0 29	15 7	1 49	18 15	16 52	22 41	22 37	8 54	5 8	4 56
F 14	23 33	11 31	5 16	22 51	0 23	13 54	2 24	0 35	1 55	11 2	1 8	21 40	1 13	22 56	0 29	15 7	1 49	18 15	16 52	22 40	22 36	8 51	5 7	4 56
S 15	23 35	6 44	5 11	23 9	0 30	14 16	2 23	0 47	1 56	11 5	1 8	21 40	1 13	22 56	0 29	15 7	1 49	18 16	16 53	22 40	22 36	8 48	5 7	4 56
S 16	23 36	1 42	4 52	23 26	0 36	14 38	2 22	0 59	1 56	11 9	1 8	21 39	1 13	22 55	0 29	15 6	1 49	18 16	16 53	22 40	22 36	8 45	5 6	4 56
M17	23 36	3n26	4 21	23 42	0 43	14 59	2 20	1 11	1 56	11 12	1 8	21 39	1 13	22 55	0 29	15 6	1 49	18 17	16 54	22 41	22 35	8 43	5 6	4 55
T 18	23 36	8 32	3 37	23 56	0 49	15 20	2 19	1 22	1 57	11 15	1 8	21 39	1 12	22 54	0 29	15 6	1 49	18 17	16 55	22 41	22 35	8 40	5 6	4 55
W19	23 36	13 25	2 43	24 10	0 55	15 41	2 17	1 34	1 57	11 19	1 9	21 38	1 12	22 54	0 29	15 6	1 49	18 18	16 55	22 41	22 35	8 37	5 5	4 55
T 20	23 35	17 50	1 39	24 22	1 1	16 1	2 16	1 45	1 58	11 22	1 9	21 38	1 12	22 54	0 29	15 5	1 49	18 18	16 56	22 41	22 34	8 34	5 5	4 54
F 21	23 33	21 32	0 28	24 33	1 7	16 21	2 14	1 57	1 58	11 25	1 9	21 38	1 12	22 53	0 29	15 5	1 49	18 19	16 56	22 41	22 34	8 32	5 4	4 54
S 22	23 32	24 10	0n46	24 43	1 12	16 41	2 12	2 8	1 58	11 28	1 9	21 37	1 12	22 53	0 29	15 5	1 49	18 19	16 57	22 41	22 33	8 29	5 4	4 54
S 23	23 29	25 25	1 58	24 51	1 17	17 0	2 10	2 19	1 59	11 31	1 9	21 37	1 12	22 52	0 29	15 5	1 49	18 20	16 57	22 41	22 33	8 26	5 3	4 54
M24	23 26	25 5	3 6	24 58	1 22	17 19	2 8	2 31	1 59	11 34	1 9	21 36	1 12	22 52	0 29	15 4	1 49	18 20	16 58	22 41	22 33	8 23	5 3	4 53
T 25	23 23	23 7	4 2	25 3	1 27	17 38	2 6	2 42	2 0	11 37	1 9	21 36	1 11	22 51	0 29	15 4	1 49	18 21	16 59	22 40	22 32	8 21	5 2	4 53
W26	23 20	19 40	4 44	25 8	1 32	17 56	2 4	2 53	2 0	11 40	1 9	21 36	1 11	22 51	0 29	15 4	1 49	18 21	16 59	22 40	22 32	8 18	5 1	4 53
T 27	23 15	15 1	5 8	25 10	1 36	18 14	2 2	3 4	2 0	11 43	1 10	21 36	1 11	22 50	0 29	15 4	1 49	18 22	17 0	22 40	22 31	8 15	5 1	4 52
F 28	23 11	9 33	5 13	25 12	1 40	18 31	2 0	3 15	2 1	11 45	1 10	21 35	1 11	22 50	0 29	15 4	1 49	18 23	17 0	22 39	22 31	8 12	5 0	4 52
S 29	23 6	3 37	4 58	25 11	1 44	18 48	1 58	3 25	2 1	11 48	1 10	21 35	1 11	22 49	0 29	15 3	1 49	18 23	17 1	22 39	22 31	8 9	4 59	4 52
S 30	23 0	2s27	4 25	25 9	1 47	19 4	1 55	3 36	2 2	11 51	1 10	21 35	1 11	22 49	0 29	15 3	1 49	18 24	17 1	22 39	22 30	8 7	4 59	4 52
M31	22s54	8s19	3n37	25s 6	1s51	19s20	1n53	3s47	2n 2	11s53	1n10	21n34	1s10	22s48	0s29	15n 3	1s48	18n24	17n 2	22n39	22n30	8s 4	4s58	4n51

Julian Day Number = 1990216.5, Delta T = 55m18s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'45, Lahiri = 6°15'45 Julian Calendar 1 Dec. 736 == Greg. Calendar 5 Dec. 736

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ASTRODIENST EPHEMERIS for the year 737
geocentric

JANUARY 737 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 55 31	14♑39'25	14♏11	11♑ 8	5♐41	14♎43	4♏17	14°R49	18♑27	16°R 8	22°R54	14♊ 9	12♊48	21♓36	5♓44	T 1
W 2	6 59 28	15°40'28	27°44	12°48	6°53	15°10	4°25	14♊45	18°30	16♉ 7	22♍53	14°10	12°45	21°43	5°47	W 2
T 3	7 3 24	16°41'31	11♐ 6	14°29	8° 6	15°38	4°33	14°41	18°34	16° 7	22°53	14°R11	12°42	21°50	5°50	T 3
F 4	7 7 21	17°42'33	24°15	16°10	9°18	16° 6	4°40	14°37	18°37	16° 6	22°52	14°11	12°39	21°56	5°52	F 4
S 5	7 11 17	18°43'34	7♑14	17°52	10°31	16°33	4°48	14°34	18°41	16° 5	22°52	14° 9	12°36	22° 3	5°55	S 5
S 6	7 15 14	19°44'34	20° 0	19°35	11°43	17° 0	4°55	14°30	18°44	16° 5	22°51	14° 5	12°32	22°10	5°58	S 6
M 7	7 19 11	20°45'33	2♒34	21°18	12°56	17°27	5° 3	14°26	18°48	16° 4	22°51	13°59	12°29	22°17	6° 1	M 7
T 8	7 23 7	21°46'31	14°56	23° 2	14° 9	17°53	5°10	14°23	18°52	16° 4	22°50	13°52	12°26	22°23	6° 4	T 8
W 9	7 27 4	22°47'28	27° 7	24°47	15°22	18°20	5°17	14°20	18°55	16° 3	22°50	13°44	12°23	22°30	6° 6	W 9
T 10	7 31 0	23°48'23	9♓ 9	26°32	16°34	18°46	5°24	14°16	18°59	16° 3	22°49	13°37	12°20	22°37	6° 9	T 10
F 11	7 34 57	24°49'17	21° 3	28°18	17°47	19°12	5°30	14°13	19° 2	16° 3	22°48	13°31	12°16	22°43	6°12	F 11
S 12	7 38 53	25°50'10	2♈55	0♒ 4	19° 0	19°37	5°37	14°10	19° 6	16° 2	22°48	13°26	12°13	22°50	6°15	S 12
S 13	7 42 50	26°51'01	14°46	1°51	20°13	20° 3	5°43	14° 7	19° 9	16° 2	22°47	13°23	12°10	22°57	6°18	S 13
M14	7 46 46	27°51'50	26°43	3°39	21°26	20°28	5°49	14° 4	19°13	16° 2	22°46	13°D22	12° 7	23° 4	6°21	M14
T 15	7 50 43	28°52'38	8♉50	5°27	22°39	20°53	5°55	14° 1	19°16	16° 1	22°46	13°23	12° 4	23°10	6°24	T 15
W16	7 54 40	29°53'24	21°12	7°15	23°52	21°17	6° 1	13°59	19°20	16° 1	22°45	13°24	12° 1	23°17	6°27	W16
T 17	7 58 36	0♒54'09	3♊54	9° 3	25° 5	21°42	6° 7	13°56	19°23	16° 1	22°44	13°25	11°57	23°24	6°31	T 17
F 18	8 2 33	1°54'52	17° 0	10°52	26°18	22° 6	6°13	13°54	19°26	16° 1	22°43	13°R26	11°54	23°30	6°34	F 18
S 19	8 6 29	2°55'34	0♋33	12°41	27°31	22°30	6°18	13°51	19°30	16° 1	22°42	13°24	11°51	23°37	6°37	S 19
S 20	8 10 26	3°56'14	14°32	14°29	28°44	22°53	6°24	13°49	19°33	16° 0	22°41	13°21	11°48	23°44	6°40	S 20
M21	8 14 22	4°56'52	28°55	16°17	29°57	23°17	6°29	13°47	19°37	16° 0	22°40	13°15	11°45	23°51	6°43	M21
T 22	8 18 19	5°57'29	13♌37	18° 4	1♑10	23°40	6°34	13°45	19°40	16°D 0	22°39	13° 7	11°42	23°57	6°47	T 22
W23	8 22 16	6°58'04	28°30	19°51	2°24	24° 2	6°38	13°43	19°44	16° 0	22°38	12°58	11°38	24° 4	6°50	W23
T 24	8 26 12	7°58'38	13♍26	21°36	3°37	24°25	6°43	13°41	19°47	16° 0	22°37	12°50	11°35	24°11	6°53	T 24
F 25	8 30 9	8°59'10	28°15	23°19	4°50	24°47	6°48	13°39	19°50	16° 0	22°36	12°42	11°32	24°18	6°57	F 25
S 26	8 34 5	9°59'41	12♎51	25° 0	6° 3	25° 9	6°52	13°37	19°54	16° 1	22°35	12°37	11°29	24°24	7° 0	S 26
S 27	8 38 2	11° 0'10	27° 8	26°39	7°17	25°30	6°56	13°36	19°57	16° 1	22°34	12°34	11°26	24°31	7° 3	S 27
M28	8 41 58	12° 0'38	11♏ 6	28°14	8°30	25°51	7° 0	13°34	20° 0	16° 1	22°33	12°D33	11°22	24°38	7° 7	M28
T 29	8 45 55	13° 1'05	24°43	29°46	9°43	26°12	7° 4	13°33	20° 4	16° 1	22°32	12°33	11°19	24°44	7°10	T 29
W30	8 49 51	14° 1'31	8♐ 2	1♓14	10°57	26°32	7° 7	13°32	20° 7	16° 1	22°30	12°R34	11°16	24°51	7°14	W30
T 31	8 53 48	15♒ 1'55	21♐ 5	2♓37	12♑10	26♎52	7♏11	13♊31	20♑10	16♉ 2	22♍29	12♊34	11♊13	24♓58	7♓17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s47	13s42	2n37	25s 1	1s53	19s35	1n50	3s57	2n 2	11s56	1n10	21n34	1s10	22s48	0s29	15n 3	1s48	18n25	17n 3	22n39	22n29	8s 1	4s57	4n51
W 2	22 41	18 21	1 29	24 54	1 56	19 50	1 48	4 8	2 3	11 59	1 10	21 34	1 10	22 47	0 29	15 3	1 48	18 26	17 3	22 39	22 29	7 58	4 57	4 51
T 3	22 33	21 59	0 17	24 46	1 58	20 4	1 45	4 18	2 3	12 1	1 11	21 34	1 10	22 47	0 29	15 3	1 48	18 26	17 4	22 40	22 29	7 55	4 56	4 51
F 4	22 25	24 23	0s55	24 36	2 0	20 18	1 43	4 28	2 4	12 3	1 11	21 33	1 10	22 47	0 29	15 3	1 48	18 27	17 4	22 40	22 28	7 53	4 55	4 50
S 5	22 17	25 26	2 2	24 24	2 1	20 32	1 40	4 38	2 4	12 6	1 11	21 33	1 10	22 46	0 29	15 2	1 48	18 28	17 5	22 39	22 28	7 50	4 54	4 50
S 6	22 8	25 7	3 3	24 11	2 2	20 44	1 37	4 48	2 4	12 8	1 11	21 33	1 9	22 46	0 29	15 2	1 48	18 28	17 5	22 39	22 27	7 47	4 54	4 50
M 7	21 59	23 30	3 53	23 56	2 3	20 56	1 35	4 58	2 5	12 11	1 11	21 33	1 9	22 45	0 29	15 2	1 48	18 29	17 6	22 38	22 27	7 44	4 53	4 50
T 8	21 50	20 47	4 31	23 39	2 3	21 8	1 32	5 8	2 5	12 13	1 11	21 32	1 9	22 45	0 29	15 2	1 48	18 30	17 6	22 37	22 26	7 41	4 52	4 50
W 9	21 40	17 11	4 56	23 20	2 3	21 19	1 29	5 18	2 6	12 15	1 11	21 32	1 9	22 44	0 29	15 2	1 48	18 31	17 7	22 36	22 26	7 38	4 51	4 49
T 10	21 29	12 57	5 8	23 0	2 2	21 30	1 26	5 28	2 6	12 17	1 12	21 32	1 9	22 44	0 29	15 2	1 48	18 31	17 8	22 35	22 26	7 36	4 50	4 49
F 11	21 19	8 15	5 7	22 37	2 1	21 39	1 23	5 37	2 6	12 19	1 12	21 32	1 8	22 43	0 29	15 2	1 48	18 32	17 8	22 35	22 25	7 33	4 49	4 49
S 12	21 7	3 17	4 52	22 13	1 59	21 49	1 20	5 46	2 7	12 21	1 12	21 32	1 8	22 43	0 29	15 2	1 48	18 33	17 9	22 34	22 25	7 30	4 48	4 49
S 13	20 56	1n48	4 24	21 47	1 57	21 57	1 17	5 56	2 7	12 23	1 12	21 31	1 8	22 42	0 29	15 2	1 48	18 34	17 9	22 34	22 24	7 27	4 48	4 48
M14	20 44	6 52	3 45	21 20	1 54	22 5	1 14	6 5	2 7	12 25	1 12	21 31	1 8	22 42	0 29	15 2	1 48	18 34	17 10	22 34	22 24	7 24	4 47	4 48
T 15	20 31	11 46	2 56	20 50	1 51	22 13	1 11	6 14	2 8	12 27	1 12	21 31	1 8	22 41	0 29	15 2	1 48	18 35	17 10	22 34	22 24	7 22	4 46	4 48
W16	20 19	16 18	1 57	20 19	1 47	22 19	1 8	6 23	2 8	12 29	1 13	21 31	1 8	22 41	0 29	15 2	1 47	18 36	17 11	22 34	22 23	7 19	4 45	4 48
T 17	20 6	20 14	0 51	19 46	1 43	22 26	1 5	6 32	2 8	12 31	1 13	21 31	1 7	22 40	0 29	15 2	1 47	18 37	17 11	22 34	22 23	7 16	4 44	4 48
F 18	19 52	23 17	0n19	19 11	1 38	22 31	1 2	6 40	2 9	12 32	1 13	21 31	1 7	22 40	0 29	15 2	1 47	18 37	17 12	22 34	22 22	7 13	4 43	4 47
S 19	19 38	25 7	1 31	18 35	1 32	22 36	0 59	6 49	2 9	12 34	1 13	21 31	1 7	22 39	0 29	15 2	1 47	18 38	17 12	22 34	22 22	7 10	4 42	4 47
S 20	19 24	25 27	2 39	17 57	1 25	22 40	0 56	6 57	2 10	12 35	1 13	21 31	1 7	22 39	0 29	15 2	1 47	18 39	17 12	22 33	22 21	7 7	4 41	4 47
M21	19 10	24 5	3 39	17 18	1 18	22 44	0 53	7 6	2 10	12 37	1 13	21 31	1 7	22 38	0 29	15 2	1 47	18 40	17 13	22 33	22 21	7 4	4 40	4 47
T 22	18 55	21 6	4 26	16 38	1 10	22 46	0 50	7 14	2 10	12 39	1 14	21 31	1 6	22 38	0 29	15 2	1 47	18 41	17 13	22 32	22 21	7 2	4 39	4 47
W23	18 39	16 41	4 56	15 56	1 1	22 49	0 46	7 22	2 10	12 40	1 14	21 31	1 6	22 37	0 29	15 2	1 47	18 41	17 14	22 31	22 20	6 59	4 38	4 47
T 24	18 24	11 14	5 5	15 13	0 52	22 50	0 43	7 30	2 11	12 41	1 14	21 30	1 6	22 37	0 29	15 2	1 47	18 42	17 14	22 30	22 20	6 56	4 37	4 46
F 25	18 8	5 11	4 54	14 30	0 42	22 51	0 40	7 38	2 11	12 43	1 14	21 30	1 6	22 36	0 29	15 2	1 47	18 43	17 15	22 29	22 19	6 53	4 36	4 46
S 26	17 52	1s 3	4 24	13 46	0 31	22 51	0 37	7 45	2 11	12 44	1 14	21 30	1 5	22 36	0 29	15 2	1 47	18 44	17 15	22 28	22 19	6 50	4 34	4 46
S 27	17 35	7 8	3 38	13 1	0 19	22 50	0 34	7 53	2 12	12 45	1 14	21 30	1 5	22 35	0 29	15 2	1 47	18 45	17 16	22 27	22 18	6 47	4 33	4 46
M28	17 18	12 44	2 40	12 17	0 7	22 49	0 31	8 0	2 12	12 46	1 15	21 31	1 5	22 35	0 29	15 3	1 47	18 46	17 16	22 27	22 18	6 44	4 32	4 46
T 29	17 1	17 34	1 34	11 32	0n 6	22 47	0 27	8 8	2 12	12 47	1 15	21 31	1 5	22 34	0 29	15 3	1 47	18 46	17 16	22 27	22 17	6 41	4 31	4 46
W30	16 44	21 24	0 24	10 49	0 19	22 45	0 24	8 15	2 13	12 48	1 15	21 31	1 5	22 34	0 29	15 3	1 47	18 47	17 17	22 28	22 17	6 39	4 30	4 45
T 31	16s26	24s 3	0s45	10s 6	0n33	22s41	0n21	8s22	2n13	12s49	1n15	21n31	1s 4	22s33	0s29	15n 3	1s46	18n48	17n17	22n27	22n17	6s36	4s29	4n45

Julian Day Number = 1990247.5, Delta T = 55m17s
Ecliptic obliquity = 23°36'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'49, Lahiri = 6°15'49 Julian Calendar 1 Jan. 737 == Greg. Calendar 5 Jan. 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

FEBRUARY 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 57 45	16♒ 2'18	3♉54	3♓54	13♉23	27♎12	7♏14	13°R30	20♉14	16♉ 2	22°R28	12°R32	11♊10	25♓ 5	7♓21	F 1
S 2	9 1 41	17° 2'39	16°32	5° 4	14°37	27°31	7°17	13♊29	20°17	16° 2	22♍27	12♊27	11° 7	25°11	7°24	S 2
S 3	9 5 38	18° 2'58	29° 0	6° 9	15°50	27°50	7°20	13°28	20°20	16° 3	22°25	12°19	11° 3	25°18	7°28	S 3
M 4	9 9 34	19° 3'15	11♒18	7° 5	17° 3	28° 8	7°23	13°27	20°23	16° 3	22°24	12° 9	11° 0	25°25	7°31	M 4
T 5	9 13 31	20° 3'31	23°29	7°54	18°17	28°26	7°25	13°27	20°27	16° 4	22°23	11°56	10°57	25°31	7°35	T 5
W 6	9 17 27	21° 3'45	5♓33	8°34	19°30	28°44	7°28	13°26	20°30	16° 4	22°22	11°43	10°54	25°38	7°38	W 6
T 7	9 21 24	22° 3'57	17°30	9° 5	20°44	29° 1	7°30	13°26	20°33	16° 5	22°20	11°30	10°51	25°45	7°42	T 7
F 8	9 25 20	23° 4'07	29°23	9°27	21°57	29°18	7°32	13°26	20°36	16° 5	22°19	11°18	10°48	25°52	7°45	F 8
S 9	9 29 17	24° 4'14	11♈13	9°40	23°11	29°34	7°34	13°D26	20°39	16° 6	22°17	11° 8	10°44	25°58	7°49	S 9
S 10	9 33 13	25° 4'20	23° 4	9°R44	24°24	29°50	7°35	13°26	20°42	16° 6	22°16	11° 1	10°41	26° 5	7°53	S 10
M11	9 37 10	26° 4'24	4♉59	9°38	25°38	0♏ 5	7°37	13°26	20°45	16° 7	22°14	10°56	10°38	26°12	7°56	M11
T 12	9 41 7	27° 4'25	17° 3	9°23	26°51	0°20	7°38	13°26	20°48	16° 8	22°13	10°54	10°35	26°18	8° 0	T 12
W13	9 45 3	28° 4'24	29°20	9° 0	28° 5	0°34	7°39	13°26	20°51	16° 8	22°12	10°D54	10°32	26°25	8° 4	W13
T 14	9 49 0	29° 4'21	11♊57	8°29	29°18	0°48	7°40	13°27	20°54	16° 9	22°10	10°R54	10°28	26°32	8° 7	T 14
F 15	9 52 56	0♓ 4'16	24°58	7°50	0♒32	1° 2	7°41	13°27	20°57	16°10	22° 9	10°53	10°25	26°39	8°11	F 15
S 16	9 56 53	1° 4'08	8♋27	7° 5	1°45	1°15	7°41	13°28	21° 0	16°11	22° 7	10°51	10°22	26°45	8°15	S 16
S 17	10 0 49	2° 3'59	22°25	6°16	2°59	1°27	7°41	13°29	21° 3	16°12	22° 6	10°46	10°19	26°52	8°18	S 17
M18	10 4 46	3° 3'47	6♌53	5°22	4°12	1°39	7°R42	13°30	21° 6	16°12	22° 4	10°38	10°16	26°59	8°22	M18
T 19	10 8 43	4° 3'32	21°46	4°26	5°26	1°50	7°42	13°31	21° 8	16°13	22° 2	10°28	10°13	27° 5	8°26	T 19
W20	10 12 39	5° 3'16	6♍55	3°29	6°39	2° 1	7°41	13°32	21°11	16°14	22° 1	10°17	10° 9	27°12	8°29	W20
T 21	10 16 36	6° 2'57	22°12	2°31	7°53	2°11	7°41	13°33	21°14	16°15	21°59	10° 6	10° 6	27°19	8°33	T 21
F 22	10 20 32	7° 2'37	7♎23	1°35	9° 6	2°21	7°40	13°35	21°17	16°16	21°58	9°56	10° 3	27°26	8°37	F 22
S 23	10 24 29	8° 2'14	22°19	0°41	10°20	2°30	7°39	13°36	21°19	16°17	21°56	9°48	10° 0	27°32	8°40	S 23
S 24	10 28 25	9° 1'50	6♏54	29♒50	11°33	2°38	7°38	13°38	21°22	16°18	21°55	9°43	9°57	27°39	8°44	S 24
M25	10 32 22	10° 1'24	21° 2	29° 4	12°47	2°46	7°37	13°39	21°25	16°20	21°53	9°41	9°54	27°46	8°48	M25
T 26	10 36 18	11° 0'56	4♐45	28°22	14° 1	2°53	7°36	13°41	21°27	16°21	21°51	9°40	9°50	27°53	8°51	T 26
W27	10 40 15	12° 0'27	18° 3	27°45	15°14	3° 0	7°34	13°43	21°30	16°22	21°50	9°40	9°47	27°59	8°55	W27
T 28	10 44 11	12♓59'56	1♉ 0	27♒14	16♒28	3♏ 5	7♏33	13♊45	21♉32	16♉23	21♍48	9♊40	9♊44	28♓ 6	8♓59	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s 8	25s24	1s51	9s24	0n48	22s38	0n18	8s29	2n13	12s50	1n15	21n31	1s 4	22s33	0s29	15n 3	1s46	18n49	17n18	22n27	22n16	6s33	4s28	4n45
S 2	15 50	25 23	2 50	8 45	1 3	22 33	0 15	8 35	2 13	12 51	1 15	21 31	1 4	22 32	0 29	15 3	1 46	18 50	17 18	22 27	22 16	6 30	4 27	4 45
S 3	15 32	24 6	3 40	8 7	1 18	22 28	0 12	8 42	2 14	12 52	1 16	21 31	1 4	22 32	0 29	15 3	1 46	18 51	17 18	22 26	22 15	6 27	4 25	4 45
M 4	15 13	21 39	4 19	7 32	1 33	22 22	0 9	8 48	2 14	12 53	1 16	21 31	1 4	22 32	0 29	15 4	1 46	18 51	17 19	22 24	22 15	6 24	4 24	4 45
T 5	14 54	18 16	4 46	7 0	1 48	22 15	0 6	8 54	2 14	12 53	1 16	21 31	1 3	22 31	0 29	15 4	1 46	18 52	17 19	22 23	22 14	6 21	4 23	4 45
W 6	14 34	14 10	4 59	6 31	2 3	22 8	0 3	9 0	2 14	12 54	1 16	21 31	1 3	22 31	0 29	15 4	1 46	18 53	17 19	22 21	22 14	6 18	4 22	4 45
T 7	14 15	9 33	4 59	6 6	2 18	22 0	0s 0	9 6	2 14	12 54	1 16	21 32	1 3	22 30	0 29	15 4	1 46	18 54	17 20	22 19	22 13	6 16	4 21	4 44
F 8	13 55	4 37	4 46	5 44	2 32	21 51	0 3	9 12	2 15	12 55	1 16	21 32	1 3	22 30	0 29	15 4	1 46	18 55	17 20	22 17	22 13	6 13	4 19	4 44
S 9	13 35	0n28	4 21	5 27	2 45	21 42	0 6	9 18	2 15	12 55	1 17	21 32	1 3	22 29	0 29	15 5	1 46	18 56	17 20	22 16	22 13	6 10	4 18	4 44
S 10	13 15	5 33	3 45	5 14	2 58	21 32	0 9	9 23	2 15	12 56	1 17	21 32	1 2	22 29	0 29	15 5	1 46	18 57	17 21	22 15	22 12	6 7	4 17	4 44
M11	12 55	10 29	2 58	5 6	3 9	21 22	0 12	9 28	2 15	12 56	1 17	21 32	1 2	22 28	0 29	15 5	1 46	18 57	17 21	22 14	22 12	6 4	4 16	4 44
T 12	12 34	15 5	2 3	5 2	3 19	21 11	0 15	9 34	2 15	12 56	1 17	21 33	1 2	22 28	0 29	15 5	1 46	18 58	17 21	22 14	22 11	6 1	4 14	4 44
W13	12 13	19 9	1 1	5 3	3 28	20 59	0 18	9 39	2 15	12 56	1 17	21 33	1 2	22 27	0 29	15 6	1 46	18 59	17 22	22 14	22 11	5 58	4 13	4 44
T 14	11 53	22 28	0n 6	5 8	3 35	20 46	0 21	9 43	2 15	12 56	1 18	21 33	1 2	22 27	0 29	15 6	1 46	19 0	17 22	22 14	22 10	5 55	4 12	4 44
F 15	11 31	24 44	1 14	5 17	3 40	20 33	0 23	9 48	2 15	12 56	1 18	21 33	1 1	22 27	0 29	15 6	1 46	19 1	17 22	22 14	22 10	5 52	4 10	4 44
S 16	11 10	25 40	2 20	5 31	3 43	20 20	0 26	9 52	2 15	12 56	1 18	21 34	1 1	22 26	0 29	15 7	1 45	19 2	17 22	22 14	22 9	5 49	4 9	4 44
S 17	10 49	25 1	3 20	5 48	3 45	20 6	0 29	9 57	2 15	12 56	1 18	21 34	1 1	22 26	0 30	15 7	1 45	19 2	17 23	22 13	22 9	5 46	4 8	4 43
M18	10 27	22 42	4 10	6 8	3 44	19 51	0 32	10 1	2 15	12 56	1 18	21 34	1 1	22 25	0 30	15 7	1 45	19 3	17 23	22 12	22 8	5 43	4 7	4 43
T 19	10 5	18 50	4 44	6 31	3 41	19 36	0 34	10 5	2 15	12 56	1 18	21 35	1 0	22 25	0 30	15 7	1 45	19 4	17 23	22 10	22 8	5 41	4 5	4 43
W20	9 43	13 39	5 0	6 56	3 36	19 20	0 37	10 8	2 15	12 56	1 19	21 35	1 0	22 25	0 30	15 8	1 45	19 5	17 23	22 9	22 8	5 38	4 4	4 43
T 21	9 21	7 36	4 53	7 23	3 30	19 3	0 39	10 12	2 15	12 56	1 19	21 35	1 0	22 24	0 30	15 8	1 45	19 6	17 23	22 7	22 7	5 35	4 3	4 43
F 22	8 59	1 8	4 27	7 51	3 21	18 46	0 42	10 15	2 15	12 55	1 19	21 36	1 0	22 24	0 30	15 8	1 45	19 7	17 24	22 6	22 7	5 32	4 1	4 43
S 23	8 37	5s19	3 42	8 19	3 12	18 29	0 44	10 18	2 15	12 55	1 19	21 36	1 0	22 23	0 30	15 9	1 45	19 7	17 24	22 4	22 6	5 29	4 0	4 43
S 24	8 14	11 20	2 44	8 48	3 0	18 11	0 46	10 21	2 15	12 54	1 19	21 37	0 59	22 23	0 30	15 9	1 45	19 8	17 24	22 4	22 6	5 26	3 59	4 43
M25	7 52	16 35	1 37	9 15	2 48	17 52	0 49	10 24	2 15	12 54	1 19	21 37	0 59	22 23	0 30	15 10	1 45	19 9	17 24	22 3	22 5	5 23	3 57	4 43
T 26	7 29	20 48	0 26	9 42	2 35	17 33	0 51	10 27	2 15	12 53	1 20	21 37	0 59	22 22	0 30	15 10	1 45	19 10	17 24	22 3	22 5	5 20	3 56	4 43
W27	7 6	23 48	0s44	10 8	2 21	17 13	0 53	10 29	2 15	12 53	1 20	21 38	0 59	22 22	0 30	15 10	1 45	19 11	17 24	22 3	22 4	5 17	3 55	4 43
T 28	6s43	25s26	1s50	10s32	2n 6	16s53	0s55	10s31	2n14	12s52	1n20	21n38	0s59	22s21	0s30	15n11	1s45	19n11	17n25	22n 3	22n 4	5s14	3s53	4n43

Julian Day Number = 1990278.5, Delta T = 55m17s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'53, Lahiri = 6°15'54 Julian Calendar 1 Feb. 737 == Greg. Calendar 5 Feb. 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

MARCH 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 48 8	13♓59'23	13♉39	26°R49	17♒41	3♏11	7°R31	13♊47	21♉35	16♉24	21°R46	9°R37	9♊41	28♓13	9♓ 2	F 1
S 2	10 52 5	14°58'48	26° 4	26♒30	18°55	3°15	7♏28	13°49	21°37	16°25	21♍45	9♊32	9°38	28°19	9° 6	S 2
S 3	10 56 1	15°58'11	8♒19	26°18	20° 9	3°19	7°26	13°52	21°40	16°27	21°43	9°23	9°34	28°26	9°10	S 3
M 4	10 59 58	16°57'32	20°26	26°11	21°22	3°22	7°24	13°54	21°42	16°28	21°41	9°12	9°31	28°33	9°13	M 4
T 5	11 3 54	17°56'51	2♓26	26°D 9	22°36	3°25	7°21	13°57	21°44	16°29	21°40	8°59	9°28	28°40	9°17	T 5
W 6	11 7 51	18°56'08	14°23	26°14	23°49	3°26	7°18	13°59	21°47	16°31	21°38	8°45	9°25	28°46	9°21	W 6
T 7	11 11 47	19°55'23	26°16	26°24	25° 3	3°27	7°15	14° 2	21°49	16°32	21°36	8°30	9°22	28°53	9°24	T 7
F 8	11 15 44	20°54'36	8♈ 7	26°39	26°17	3°R28	7°12	14° 5	21°51	16°34	21°35	8°18	9°19	29° 0	9°28	F 8
S 9	11 19 40	21°53'46	19°58	26°59	27°30	3°27	7° 9	14° 8	21°53	16°35	21°33	8° 7	9°15	29° 6	9°32	S 9
S 10	11 23 37	22°52'55	1♉50	27°24	28°44	3°26	7° 5	14°11	21°55	16°36	21°31	7°59	9°12	29°13	9°35	S 10
M11	11 27 34	23°52'01	13°47	27°53	29°57	3°24	7° 1	14°14	21°58	16°38	21°30	7°54	9° 9	29°20	9°39	M11
T 12	11 31 30	24°51'05	25°53	28°27	1♓11	3°21	6°57	14°17	22° 0	16°39	21°28	7°51	9° 6	29°27	9°42	T 12
W13	11 35 27	25°50'06	8♊10	29° 5	2°25	3°18	6°53	14°21	22° 2	16°41	21°26	7°D51	9° 3	29°33	9°46	W13
T 14	11 39 23	26°49'06	20°44	29°46	3°38	3°13	6°49	14°24	22° 4	16°43	21°25	7°R51	8°59	29°40	9°50	T 14
F 15	11 43 20	27°48'03	3♋40	0♓32	4°52	3° 8	6°45	14°28	22° 5	16°44	21°23	7°51	8°56	29°47	9°53	F 15
S 16	11 47 16	28°46'57	17° 2	1°20	6° 5	3° 3	6°40	14°31	22° 7	16°46	21°21	7°49	8°53	29°53	9°57	S 16
S 17	11 51 13	29°45'49	0♌52	2°12	7°19	2°56	6°36	14°35	22° 9	16°47	21°20	7°46	8°50	0♈ 0	10° 0	S 17
M18	11 55 9	0♈44'39	15°12	3° 7	8°33	2°49	6°31	14°39	22°11	16°49	21°18	7°40	8°47	0° 7	10° 4	M18
T 19	11 59 6	1°43'27	29°58	4° 5	9°46	2°41	6°26	14°43	22°13	16°51	21°17	7°32	8°44	0°14	10° 7	T 19
W20	12 3 3	2°42'12	15♍ 6	5° 6	11° 0	2°32	6°21	14°47	22°14	16°52	21°15	7°23	8°40	0°20	10°11	W20
T 21	12 6 59	3°40'55	0♎25	6°10	12°13	2°22	6°15	14°51	22°16	16°54	21°13	7°13	8°37	0°27	10°14	T 21
F 22	12 10 56	4°39'36	15°44	7°16	13°27	2°12	6°10	14°55	22°18	16°56	21°12	7° 5	8°34	0°34	10°18	F 22
S 23	12 14 52	5°38'15	0♏52	8°25	14°40	2° 1	6° 4	14°59	22°19	16°58	21°10	6°58	8°31	0°40	10°21	S 23
S 24	12 18 49	6°36'52	15°39	9°36	15°54	1°49	5°59	15° 4	22°21	17° 0	21° 8	6°54	8°28	0°47	10°24	S 24
M25	12 22 45	7°35'28	0♐ 1	10°49	17° 7	1°37	5°53	15° 8	22°22	17° 1	21° 7	6°52	8°25	0°54	10°28	M25
T 26	12 26 42	8°34'01	13°54	12° 4	18°21	1°23	5°47	15°12	22°24	17° 3	21° 5	6°D52	8°21	1° 1	10°31	T 26
W27	12 30 38	9°32'33	27°20	13°22	19°35	1° 9	5°41	15°17	22°25	17° 5	21° 4	6°53	8°18	1° 7	10°34	W27
T 28	12 34 35	10°31'04	10♑20	14°42	20°48	0°55	5°35	15°22	22°26	17° 7	21° 2	6°R53	8°15	1°14	10°38	T 28
F 29	12 38 31	11°29'33	22°59	16° 3	22° 2	0°40	5°28	15°27	22°28	17° 9	21° 1	6°53	8°12	1°21	10°41	F 29
S 30	12 42 28	12°28'00	5♒21	17°27	23°15	0°24	5°22	15°31	22°29	17°11	20°59	6°50	8° 9	1°27	10°44	S 30
S 31	12 46 25	13♈26'25	17♒31	18♓53	24♓29	0♏ 7	5♏16	15♊36	22♉30	17♉13	20♍58	6♊45	8♊ 5	1♈34	10♓48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s20	25s42	2s49	10s55	1n51	16s33	0s58	10s34	2n14	12s51	1n20	21n39	0s58	22s21	0s30	15n11	1s45	19n12	17n25	22n 3	22n 3	5s11	3s52	4n43
S 2	5 57	24 39	3 39	11 15	1 36	16 12	1 0	10 35	2 14	12 50	1 20	21 39	0 58	22 21	0 30	15 12	1 45	19 13	17 25	22 2	22 3	5 8	3 51	4 43
S 3	5 34	22 27	4 17	11 34	1 21	15 51	1 2	10 37	2 13	12 49	1 20	21 40	0 58	22 20	0 30	15 12	1 45	19 14	17 25	22 1	22 2	5 5	3 49	4 43
M 4	5 11	19 15	4 44	11 50	1 6	15 29	1 4	10 38	2 13	12 48	1 20	21 40	0 58	22 20	0 30	15 12	1 45	19 14	17 25	21 59	22 2	5 2	3 48	4 43
T 5	4 48	15 18	4 58	12 5	0 52	15 6	1 5	10 40	2 13	12 47	1 21	21 41	0 58	22 20	0 30	15 13	1 44	19 15	17 25	21 57	22 1	4 59	3 46	4 43
W 6	4 24	10 46	4 58	12 17	0 37	14 44	1 7	10 41	2 12	12 46	1 21	21 41	0 57	22 19	0 30	15 13	1 44	19 16	17 25	21 55	22 1	4 56	3 45	4 43
T 7	4 1	5 52	4 46	12 27	0 23	14 21	1 9	10 41	2 12	12 45	1 21	21 42	0 57	22 19	0 30	15 14	1 44	19 17	17 25	21 52	22 0	4 54	3 44	4 43
F 8	3 38	0 45	4 21	12 34	0 9	13 57	1 11	10 42	2 11	12 44	1 21	21 42	0 57	22 19	0 30	15 14	1 44	19 17	17 25	21 50	22 0	4 51	3 42	4 43
S 9	3 14	4n24	3 44	12 40	0s 4	13 33	1 12	10 42	2 11	12 43	1 21	21 43	0 57	22 18	0 30	15 15	1 44	19 18	17 25	21 49	21 59	4 48	3 41	4 43
S 10	2 51	9 24	2 58	12 43	0 17	13 9	1 14	10 42	2 10	12 41	1 21	21 43	0 57	22 18	0 30	15 15	1 44	19 19	17 25	21 47	21 59	4 45	3 40	4 43
M11	2 27	14 7	2 4	12 45	0 29	12 44	1 15	10 42	2 9	12 40	1 21	21 44	0 56	22 18	0 30	15 16	1 44	19 19	17 25	21 47	21 58	4 42	3 38	4 43
T 12	2 4	18 20	1 3	12 44	0 41	12 19	1 17	10 42	2 9	12 39	1 22	21 44	0 56	22 17	0 30	15 16	1 44	19 20	17 25	21 46	21 58	4 39	3 37	4 43
W13	1 40	21 51	0n 2	12 41	0 52	11 54	1 18	10 42	2 8	12 37	1 22	21 45	0 56	22 17	0 30	15 17	1 44	19 21	17 25	21 46	21 57	4 36	3 36	4 43
T 14	1 16	24 24	1 8	12 36	1 3	11 29	1 19	10 41	2 7	12 36	1 22	21 46	0 56	22 17	0 30	15 17	1 44	19 21	17 25	21 46	21 57	4 33	3 34	4 43
F 15	0 53	25 46	2 13	12 30	1 13	11 3	1 21	10 40	2 6	12 34	1 22	21 46	0 56	22 16	0 30	15 18	1 44	19 22	17 25	21 46	21 56	4 30	3 33	4 43
S 16	0 29	25 41	3 12	12 21	1 22	10 36	1 22	10 39	2 5	12 33	1 22	21 47	0 56	22 16	0 30	15 18	1 44	19 23	17 25	21 46	21 56	4 27	3 31	4 43
S 17	0 6	24 3	4 3	12 11	1 31	10 10	1 23	10 37	2 5	12 31	1 22	21 47	0 55	22 16	0 30	15 19	1 44	19 23	17 25	21 45	21 55	4 24	3 30	4 43
M18	0n18	20 51	4 40	11 59	1 40	9 43	1 24	10 36	2 4	12 29	1 22	21 48	0 55	22 16	0 30	15 19	1 44	19 24	17 25	21 44	21 55	4 21	3 29	4 43
T 19	0 41	16 14	5 0	11 45	1 48	9 16	1 25	10 34	2 2	12 28	1 22	21 49	0 55	22 15	0 30	15 20	1 44	19 24	17 25	21 43	21 54	4 18	3 27	4 43
W20	1 5	10 31	5 0	11 29	1 55	8 49	1 26	10 32	2 1	12 26	1 22	21 49	0 55	22 15	0 30	15 20	1 44	19 25	17 25	21 41	21 54	4 15	3 26	4 43
T 21	1 28	4 5	4 39	11 11	2 1	8 21	1 27	10 30	2 0	12 24	1 23	21 50	0 55	22 15	0 30	15 21	1 44	19 26	17 25	21 40	21 54	4 12	3 25	4 43
F 22	1 52	2s35	3 57	10 52	2 8	7 54	1 28	10 28	1 59	12 22	1 23	21 51	0 54	22 15	0 30	15 21	1 44	19 26	17 25	21 38	21 53	4 9	3 23	4 43
S 23	2 15	9 3	3 0	10 32	2 13	7 26	1 28	10 25	1 58	12 20	1 23	21 51	0 54	22 14	0 30	15 22	1 44	19 27	17 25	21 37	21 52	4 6	3 22	4 43
S 24	2 39	14 52	1 51	10 9	2 18	6 58	1 29	10 22	1 56	12 18	1 23	21 52	0 54	22 14	0 30	15 22	1 44	19 27	17 25	21 37	21 52	4 3	3 21	4 43
M25	3 2	19 42	0 37	9 45	2 22	6 29	1 29	10 19	1 55	12 16	1 23	21 53	0 54	22 14	0 31	15 23	1 43	19 28	17 25	21 36	21 51	4 0	3 19	4 44
T 26	3 25	23 15	0s38	9 20	2 26	6 1	1 30	10 16	1 53	12 14	1 23	21 53	0 54	22 14	0 31	15 23	1 43	19 28	17 24	21 36	21 51	3 57	3 18	4 44
W27	3 48	25 22	1 47	8 53	2 30	5 32	1 30	10 13	1 52	12 12	1 23	21 54	0 53	22 14	0 31	15 24	1 43	19 29	17 24	21 36	21 50	3 54	3 17	4 44
T 28	4 11	26 1	2 49	8 24	2 32	5 3	1 31	10 9	1 50	12 10	1 23	21 55	0 53	22 13	0 31	15 25	1 43	19 29	17 24	21 37	21 50	3 51	3 15	4 44
F 29	4 35	25 16	3 41	7 54	2 34	4 34	1 31	10 5	1 49	12 8	1 23	21 55	0 53	22 13	0 31	15 25	1 43	19 30	17 24	21 36	21 49	3 48	3 14	4 44
S 30	4 58	23 17	4 21	7 23	2 36	4 5	1 31	10 1	1 47	12 6	1 23	21 56	0 53	22 13	0 31	15 26	1 43	19 30	17 24	21 36	21 49	3 45	3 13	4 44
S 31	5n20	20s16	4s49	6s50	2s37	3s36	1s31	9s57	1n45	12s 4	1n23	21n57	0s53	22s13	0s31	15n26	1s43	19n31	17n24	21n35	21n48	3s42	3s11	4n44

Julian Day Number = 1990306.5, Delta T = 55m16s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°08'57, Lahiri = 6°15'57 Julian Calendar 1 March 737 == Greg. Calendar 5 March 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

APRIL 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 50 21	14♈24'49	29♒31	20♓20	25♓43	29°R50	5°R 9	15♊41	22♑31	17♉15	20°R56	6°R38	8♊ 2	1♈41	10♓51	M 1
T 2	12 54 18	15°23'10	11♓26	21°50	26°56	29♎32	5♏ 2	15°46	22°32	17°16	20♍55	6♊29	7°59	1°47	10°54	T 2
W 3	12 58 14	16°21'31	23°18	23°21	28°10	29°14	4°55	15°52	22°33	17°18	20°53	6°20	7°56	1°54	10°57	W 3
T 4	13 2 11	17°19'49	5♈ 9	24°54	29°23	28°55	4°48	15°57	22°34	17°20	20°52	6°10	7°53	2° 1	11° 0	T 4
F 5	13 6 7	18°18'05	17° 1	26°29	0♈37	28°36	4°42	16° 2	22°35	17°22	20°50	6° 1	7°50	2° 8	11° 3	F 5
S 6	13 10 4	19°16'20	28°55	28° 6	1°50	28°16	4°34	16° 8	22°36	17°24	20°49	5°54	7°46	2°14	11° 6	S 6
S 7	13 14 0	20°14'33	10♉53	29°45	3° 4	27°56	4°27	16°13	22°37	17°26	20°47	5°49	7°43	2°21	11° 9	S 7
M 8	13 17 57	21°12'44	22°58	1♈25	4°17	27°36	4°20	16°19	22°38	17°29	20°46	5°46	7°40	2°28	11°12	M 8
T 9	13 21 54	22°10'53	5♊11	3° 8	5°31	27°15	4°13	16°24	22°39	17°31	20°45	5°D45	7°37	2°34	11°15	T 9
W10	13 25 50	23° 9'00	17°36	4°52	6°45	26°54	4° 5	16°30	22°39	17°33	20°43	5°46	7°34	2°41	11°18	W10
T 11	13 29 47	24° 7'06	0♋16	6°38	7°58	26°32	3°58	16°36	22°40	17°35	20°42	5°47	7°31	2°48	11°21	T 11
F 12	13 33 43	25° 5'09	13°13	8°25	9°12	26°11	3°51	16°41	22°41	17°37	20°41	5°48	7°27	2°55	11°24	F 12
S 13	13 37 40	26° 3'10	26°32	10°15	10°25	25°49	3°43	16°47	22°41	17°39	20°39	5°R49	7°24	3° 1	11°27	S 13
S 14	13 41 36	27° 1'10	10♌15	12° 6	11°39	25°27	3°36	16°53	22°42	17°41	20°38	5°48	7°21	3° 8	11°30	S 14
M15	13 45 33	27°59'07	24°23	14° 0	12°52	25° 6	3°28	16°59	22°42	17°43	20°37	5°46	7°18	3°15	11°33	M15
T 16	13 49 29	28°57'03	8♍55	15°55	14° 6	24°44	3°20	17° 5	22°43	17°45	20°36	5°42	7°15	3°21	11°35	T 16
W17	13 53 26	29°54'56	23°47	17°52	15°19	24°22	3°13	17°11	22°43	17°48	20°34	5°37	7°11	3°28	11°38	W17
T 18	13 57 23	0♉52'48	8♎51	19°50	16°33	24° 0	3° 5	17°18	22°43	17°50	20°33	5°32	7° 8	3°35	11°41	T 18
F 19	14 1 19	1°50'38	24° 0	21°51	17°46	23°39	2°58	17°24	22°44	17°52	20°32	5°28	7° 5	3°42	11°43	F 19
S 20	14 5 16	2°48'26	9♏ 3	23°53	19° 0	23°17	2°50	17°30	22°44	17°54	20°31	5°24	7° 2	3°48	11°46	S 20
S 21	14 9 12	3°46'13	23°51	25°57	20°13	22°56	2°42	17°37	22°44	17°56	20°30	5°22	6°59	3°55	11°49	S 21
M22	14 13 9	4°43'59	8♐17	28° 2	21°27	22°35	2°35	17°43	22°44	17°58	20°29	5°D22	6°56	4° 2	11°51	M22
T 23	14 17 5	5°41'43	22°17	0♑ 9	22°40	22°15	2°27	17°49	22°44	18° 1	20°28	5°23	6°52	4° 8	11°54	T 23
W24	14 21 2	6°39'26	5♑50	2°16	23°54	21°54	2°19	17°56	22°R44	18° 3	20°27	5°24	6°49	4°15	11°56	W24
T 25	14 24 58	7°37'08	18°57	4°26	25° 7	21°34	2°12	18° 3	22°44	18° 5	20°26	5°26	6°46	4°22	11°58	T 25
F 26	14 28 55	8°34'49	1♒41	6°36	26°21	21°15	2° 4	18° 9	22°44	18° 7	20°25	5°27	6°43	4°29	12° 1	F 26
S 27	14 32 52	9°32'29	14° 6	8°46	27°35	20°56	1°57	18°16	22°44	18° 9	20°24	5°R27	6°40	4°35	12° 3	S 27
S 28	14 36 48	10°30'08	26°16	10°58	28°48	20°37	1°49	18°23	22°44	18°12	20°23	5°26	6°36	4°42	12° 5	S 28
M29	14 40 45	11°27'45	8♓16	13° 9	0♑ 2	20°19	1°42	18°29	22°44	18°14	20°22	5°24	6°33	4°49	12° 8	M29
T 30	14 44 41	12♉25'22	20♓ 9	15♉20	1♑15	20♎ 2	1♏34	18♊36	22♑43	18♉16	20♍21	5♊21	6♊30	4♈55	12♓10	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n43	16s27	5s 3	6s16	2s38	3s 7	1s31	9s53	1n43	12s 1	1n23	21n57	0s53	22s13	0s31	15n27	1s43	19n31	17n23	21n34	21n48	3s39	3s10	4n44
T 2	6 6	12 1	5 5	5 40	2 37	2 37	1 31	9 48	1 41	11 59	1 23	21 58	0 52	22 13	0 31	15 27	1 43	19 31	17 23	21 32	21 47	3 36	3 9	4 44
W 3	6 28	7 9	4 53	5 3	2 37	2 8	1 31	9 44	1 39	11 57	1 23	21 59	0 52	22 12	0 31	15 28	1 43	19 32	17 23	21 31	21 47	3 33	3 8	4 44
T 4	6 51	2 2	4 28	4 25	2 36	1 38	1 31	9 39	1 37	11 54	1 23	22 0	0 52	22 12	0 31	15 29	1 43	19 32	17 23	21 29	21 46	3 30	3 6	4 44
F 5	7 13	3n10	3 52	3 45	2 34	1 9	1 31	9 34	1 35	11 52	1 23	22 0	0 52	22 12	0 31	15 29	1 43	19 33	17 23	21 28	21 46	3 27	3 5	4 45
S 6	7 36	8 17	3 5	3 5	2 32	0 39	1 31	9 29	1 33	11 50	1 23	22 1	0 52	22 12	0 31	15 30	1 43	19 33	17 22	21 26	21 45	3 24	3 4	4 45
S 7	7 58	13 8	2 10	2 23	2 29	0 9	1 31	9 24	1 31	11 47	1 23	22 2	0 52	22 12	0 31	15 30	1 43	19 33	17 22	21 25	21 45	3 21	3 2	4 45
M 8	8 20	17 32	1 9	1 39	2 26	0n20	1 30	9 19	1 29	11 45	1 23	22 2	0 51	22 12	0 31	15 31	1 43	19 34	17 22	21 25	21 44	3 18	3 1	4 45
T 9	8 42	21 16	0 3	0 55	2 22	0 50	1 30	9 13	1 26	11 42	1 23	22 3	0 51	22 12	0 31	15 32	1 43	19 34	17 21	21 25	21 44	3 15	3 0	4 45
W10	9 3	24 5	1n 4	0 9	2 17	1 20	1 29	9 8	1 24	11 40	1 23	22 4	0 51	22 12	0 31	15 32	1 43	19 34	17 21	21 25	21 43	3 12	2 59	4 45
T 11	9 25	25 45	2 9	0n37	2 12	1 50	1 29	9 3	1 21	11 37	1 23	22 5	0 51	22 12	0 31	15 33	1 43	19 34	17 21	21 25	21 43	3 9	2 58	4 45
F 12	9 46	26 5	3 9	1 25	2 7	2 19	1 28	8 57	1 19	11 35	1 23	22 5	0 51	22 12	0 31	15 33	1 43	19 35	17 21	21 25	21 42	3 6	2 56	4 45
S 13	10 8	24 56	4 1	2 14	2 1	2 49	1 27	8 52	1 16	11 32	1 23	22 6	0 51	22 11	0 31	15 34	1 43	19 35	17 20	21 25	21 42	3 3	2 55	4 46
S 14	10 29	22 17	4 41	3 4	1 55	3 19	1 26	8 46	1 14	11 30	1 23	22 7	0 51	22 11	0 31	15 35	1 43	19 35	17 20	21 25	21 41	3 0	2 54	4 46
M15	10 50	18 16	5 5	3 54	1 48	3 48	1 26	8 41	1 11	11 27	1 23	22 8	0 50	22 11	0 31	15 35	1 43	19 35	17 20	21 25	21 41	2 57	2 53	4 46
T 16	11 11	13 4	5 10	4 46	1 40	4 18	1 25	8 35	1 8	11 25	1 23	22 8	0 50	22 11	0 31	15 36	1 43	19 36	17 19	21 24	21 40	2 54	2 52	4 46
W17	11 31	7 0	4 55	5 38	1 32	4 47	1 24	8 30	1 6	11 22	1 23	22 9	0 50	22 11	0 31	15 37	1 43	19 36	17 19	21 23	21 40	2 51	2 50	4 46
T 18	11 52	0 27	4 20	6 31	1 24	5 17	1 23	8 24	1 3	11 20	1 23	22 10	0 50	22 11	0 31	15 37	1 43	19 36	17 19	21 22	21 39	2 48	2 49	4 46
F 19	12 12	6s10	3 27	7 24	1 15	5 46	1 22	8 19	1 0	11 17	1 23	22 11	0 50	22 11	0 31	15 38	1 43	19 36	17 18	21 22	21 39	2 45	2 48	4 46
S 20	12 32	12 25	2 19	8 18	1 6	6 15	1 21	8 13	0 57	11 15	1 23	22 11	0 50	22 11	0 31	15 38	1 43	19 36	17 18	21 21	21 38	2 41	2 47	4 47
S 21	12 52	17 51	1 3	9 13	0 57	6 44	1 19	8 8	0 54	11 12	1 23	22 12	0 49	22 11	0 31	15 39	1 43	19 36	17 18	21 21	21 37	2 38	2 46	4 47
M22	13 11	22 6	0s16	10 7	0 47	7 13	1 18	8 3	0 52	11 9	1 23	22 13	0 49	22 11	0 31	15 40	1 43	19 36	17 17	21 21	21 37	2 35	2 45	4 47
T 23	13 31	24 54	1 31	11 1	0 37	7 41	1 17	7 58	0 49	11 7	1 23	22 14	0 49	22 11	0 31	15 40	1 43	19 36	17 17	21 21	21 36	2 32	2 44	4 47
W24	13 50	26 7	2 39	11 56	0 27	8 10	1 16	7 53	0 46	11 4	1 23	22 14	0 49	22 11	0 31	15 41	1 43	19 37	17 17	21 21	21 36	2 29	2 43	4 47
T 25	14 9	25 49	3 36	12 50	0 16	8 38	1 14	7 48	0 43	11 2	1 22	22 15	0 49	22 11	0 32	15 42	1 43	19 37	17 16	21 21	21 35	2 26	2 42	4 47
F 26	14 28	24 10	4 21	13 43	0 6	9 6	1 13	7 44	0 40	10 59	1 22	22 16	0 49	22 11	0 32	15 42	1 43	19 37	17 16	21 21	21 35	2 23	2 40	4 48
S 27	14 46	21 22	4 52	14 36	0n 5	9 34	1 11	7 39	0 37	10 57	1 22	22 16	0 49	22 11	0 32	15 43	1 43	19 37	17 15	21 21	21 34	2 20	2 39	4 48
S 28	15 4	17 42	5 10	15 28	0 16	10 2	1 10	7 35	0 34	10 54	1 22	22 17	0 48	22 12	0 32	15 43	1 43	19 37	17 15	21 21	21 34	2 17	2 38	4 48
M29	15 22	13 22	5 13	16 18	0 26	10 30	1 8	7 31	0 31	10 52	1 22	22 18	0 48	22 12	0 32	15 44	1 43	19 37	17 15	21 21	21 33	2 14	2 37	4 48
T 30	15n40	8s34	5s 4	17n 7	0n36	10n57	1s 6	7s27	0n28	10s49	1n22	22n19	0s48	22s12	0s32	15n45	1s43	19n37	17n14	21n20	21n33	2s11	2s36	4n48

Julian Day Number = 1990337.5, Delta T = 55m15s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'01, Lahiri = 6°16'02 Julian Calendar 1 Apr. 737 == Greg. Calendar 5 Apr. 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

MAY 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 48 38	13♉22'57	2♈ 0	17♉31	2♉29	19°R45	1°R27	18♊43	22°R43	18♉18	20°R20	5°R17	6♊27	5♈ 2	12♓12	W 1
T 2	14 52 34	14°20'31	13°51	19°42	3°42	19♎28	1♏20	18°50	22♑43	18°21	20♍19	5♊14	6°24	5° 9	12°14	T 2
F 3	14 56 31	15°18'04	25°46	21°52	4°56	19°13	1°12	18°57	22°42	18°23	20°18	5°11	6°21	5°15	12°16	F 3
S 4	15 0 27	16°15'36	7♉46	24° 0	6° 9	18°58	1° 5	19° 4	22°42	18°25	20°18	5° 8	6°17	5°22	12°18	S 4
S 5	15 4 24	17°13'07	19°54	26° 7	7°23	18°43	0°58	19°11	22°41	18°27	20°17	5° 6	6°14	5°29	12°20	S 5
M 6	15 8 21	18°10'37	2♊12	28°13	8°36	18°30	0°51	19°18	22°41	18°30	20°16	5°D 6	6°11	5°36	12°22	M 6
T 7	15 12 17	19° 8'06	14°40	0♊16	9°50	18°17	0°44	19°25	22°40	18°32	20°16	5° 6	6° 8	5°42	12°24	T 7
W 8	15 16 14	20° 5'34	27°20	2°18	11° 3	18° 5	0°37	19°32	22°39	18°34	20°15	5° 7	6° 5	5°49	12°26	W 8
T 9	15 20 10	21° 3'00	10♋13	4°18	12°17	17°53	0°30	19°40	22°39	18°36	20°14	5° 8	6° 2	5°56	12°28	T 9
F 10	15 24 7	22° 0'26	23°22	6°15	13°31	17°43	0°24	19°47	22°38	18°39	20°14	5° 9	5°58	6° 2	12°29	F 10
S 11	15 28 3	22°57'50	6♌48	8°10	14°44	17°33	0°17	19°54	22°37	18°41	20°13	5°10	5°55	6° 9	12°31	S 11
S 12	15 32 0	23°55'12	20°31	10° 3	15°58	17°24	0°11	20° 1	22°36	18°43	20°13	5°R10	5°52	6°16	12°33	S 12
M13	15 35 56	24°52'34	4♍32	11°53	17°11	17°16	0° 4	20° 9	22°35	18°45	20°12	5°10	5°49	6°23	12°34	M13
T 14	15 39 53	25°49'54	18°50	13°40	18°25	17° 9	29♎58	20°16	22°34	18°48	20°12	5°10	5°46	6°29	12°36	T 14
W15	15 43 50	26°47'13	3♎22	15°25	19°38	17° 2	29°52	20°24	22°33	18°50	20°11	5° 9	5°42	6°36	12°37	W15
T 16	15 47 46	27°44'31	18° 4	17° 8	20°52	16°57	29°46	20°31	22°32	18°52	20°11	5° 8	5°39	6°43	12°39	T 16
F 17	15 51 43	28°41'47	2♏50	18°47	22° 5	16°52	29°40	20°38	22°31	18°54	20°11	5° 7	5°36	6°49	12°40	F 17
S 18	15 55 39	29°39'03	17°33	20°24	23°19	16°48	29°34	20°46	22°30	18°56	20°10	5° 7	5°33	6°56	12°42	S 18
S 19	15 59 36	0♊36'19	2♐ 6	21°59	24°33	16°45	29°28	20°53	22°29	18°59	20°10	5°D 7	5°30	7° 3	12°43	S 19
M20	16 3 32	1°33'33	16°23	23°30	25°46	16°43	29°23	21° 1	22°28	19° 1	20°10	5° 7	5°27	7° 9	12°44	M20
T 21	16 7 29	2°30'47	0♑20	24°59	27° 0	16°41	29°17	21° 9	22°27	19° 3	20° 9	5° 7	5°23	7°16	12°46	T 21
W22	16 11 25	3°28'01	13°53	26°25	28°13	16°D41	29°12	21°16	22°25	19° 5	20° 9	5° 7	5°20	7°23	12°47	W22
T 23	16 15 22	4°25'14	27° 4	27°48	29°27	16°41	29° 7	21°24	22°24	19° 7	20° 9	5° 7	5°17	7°30	12°48	T 23
F 24	16 19 19	5°22'27	9♒52	29° 9	0♊40	16°42	29° 2	21°31	22°23	19°10	20° 9	5°R 7	5°14	7°36	12°49	F 24
S 25	16 23 15	6°19'39	22°20	0♋26	1°54	16°43	28°57	21°39	22°21	19°12	20° 9	5° 7	5°11	7°43	12°50	S 25
S 26	16 27 12	7°16'51	4♓33	1°41	3° 8	16°46	28°53	21°47	22°20	19°14	20° 9	5°D 7	5° 8	7°50	12°51	S 26
M27	16 31 8	8°14'03	16°34	2°53	4°21	16°49	28°48	21°54	22°18	19°16	20° 9	5° 7	5° 4	7°56	12°52	M27
T 28	16 35 5	9°11'15	28°27	4° 1	5°35	16°53	28°44	22° 2	22°17	19°18	20°D 9	5° 7	5° 1	8° 3	12°53	T 28
W29	16 39 1	10° 8'26	10♈19	5° 7	6°49	16°58	28°39	22°10	22°15	19°20	20° 9	5° 8	4°58	8°10	12°53	W29
T 30	16 42 58	11° 5'37	22°12	6° 9	8° 2	17° 4	28°35	22°18	22°14	19°23	20° 9	5° 8	4°55	8°16	12°54	T 30
F 31	16 46 54	12♊ 2'48	4♉10	7♋ 9	9♊16	17♎10	28♎31	22♊25	22♑12	19♉25	20♍ 9	5♊ 9	4♊52	8♈23	12♓55	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n58	3s29	4s41	17n55	0n46	11n24	1s 5	7s23	0n25	10s47	1n22	22n19	0s48	22s12	0s32	15n45	1s43	19n37	17n14	21n20	21n32	2s 8	2s35	4n48
T 2	16 15	1n44	4 6	18 41	0 56	11 51	1 3	7 19	0 22	10 45	1 22	22 20	0 48	22 12	0 32	15 46	1 43	19 37	17 13	21 19	21 31	2 5	2 34	4 49
F 3	16 32	6 55	3 20	19 24	1 5	12 18	1 1	7 16	0 20	10 42	1 21	22 21	0 48	22 12	0 32	15 47	1 42	19 36	17 13	21 19	21 31	2 2	2 33	4 49
S 4	16 49	11 55	2 25	20 6	1 14	12 44	0 59	7 13	0 17	10 40	1 21	22 21	0 48	22 12	0 32	15 47	1 42	19 36	17 12	21 18	21 30	1 59	2 32	4 49
S 5	17 5	16 30	1 23	20 45	1 22	13 10	0 58	7 10	0 14	10 37	1 21	22 22	0 48	22 12	0 32	15 48	1 42	19 36	17 12	21 18	21 30	1 56	2 32	4 49
M 6	17 22	20 29	0 16	21 22	1 30	13 35	0 56	7 8	0 11	10 35	1 21	22 23	0 47	22 12	0 32	15 48	1 42	19 36	17 11	21 18	21 29	1 53	2 31	4 49
T 7	17 38	23 35	0n53	21 56	1 37	14 1	0 54	7 5	0 8	10 33	1 21	22 24	0 47	22 12	0 32	15 49	1 42	19 36	17 11	21 18	21 29	1 50	2 30	4 50
W 8	17 53	25 34	2 0	22 28	1 44	14 26	0 52	7 3	0 5	10 31	1 21	22 24	0 47	22 13	0 32	15 50	1 42	19 36	17 11	21 18	21 28	1 47	2 29	4 50
T 9	18 9	26 14	3 2	22 57	1 50	14 50	0 50	7 2	0 3	10 28	1 20	22 25	0 47	22 13	0 32	15 50	1 42	19 36	17 10	21 18	21 28	1 43	2 28	4 50
F 10	18 24	25 27	3 56	23 23	1 55	15 15	0 48	7 0	0s 0	10 26	1 20	22 26	0 47	22 13	0 32	15 51	1 42	19 35	17 10	21 18	21 27	1 40	2 27	4 50
S 11	18 38	23 11	4 39	23 47	1 59	15 38	0 46	6 59	0 3	10 24	1 20	22 26	0 47	22 13	0 32	15 52	1 42	19 35	17 9	21 18	21 27	1 37	2 26	4 50
S 12	18 53	19 35	5 6	24 8	2 3	16 2	0 44	6 58	0 6	10 22	1 20	22 27	0 47	22 13	0 32	15 52	1 42	19 35	17 9	21 19	21 26	1 34	2 25	4 51
M13	19 7	14 49	5 17	24 27	2 6	16 25	0 41	6 57	0 8	10 20	1 20	22 28	0 47	22 13	0 32	15 53	1 42	19 35	17 8	21 19	21 25	1 31	2 25	4 51
T 14	19 21	9 9	5 8	24 43	2 8	16 48	0 39	6 57	0 11	10 18	1 19	22 28	0 46	22 14	0 32	15 53	1 42	19 34	17 8	21 18	21 25	1 28	2 24	4 51
W15	19 34	2 55	4 39	24 57	2 9	17 10	0 37	6 57	0 13	10 16	1 19	22 29	0 46	22 14	0 32	15 54	1 42	19 34	17 7	21 18	21 24	1 25	2 23	4 51
T 16	19 48	3s34	3 52	25 8	2 10	17 32	0 35	6 57	0 16	10 14	1 19	22 30	0 46	22 14	0 32	15 55	1 42	19 34	17 7	21 18	21 24	1 22	2 22	4 51
F 17	20 0	9 53	2 50	25 17	2 10	17 53	0 33	6 57	0 19	10 12	1 19	22 30	0 46	22 14	0 32	15 55	1 42	19 34	17 6	21 18	21 23	1 19	2 22	4 52
S 18	20 13	15 39	1 36	25 24	2 9	18 14	0 30	6 58	0 21	10 10	1 19	22 31	0 46	22 14	0 32	15 56	1 42	19 33	17 6	21 18	21 23	1 16	2 21	4 52
S 19	20 25	20 27	0 17	25 29	2 8	18 35	0 28	6 59	0 24	10 8	1 18	22 32	0 46	22 15	0 32	15 56	1 42	19 33	17 5	21 18	21 22	1 13	2 20	4 52
M20	20 37	23 56	1s 2	25 32	2 5	18 55	0 26	7 1	0 26	10 7	1 18	22 32	0 46	22 15	0 32	15 57	1 42	19 33	17 5	21 18	21 21	1 10	2 19	4 52
T 21	20 48	25 52	2 15	25 33	2 2	19 14	0 24	7 2	0 28	10 5	1 18	22 33	0 46	22 15	0 32	15 58	1 43	19 32	17 4	21 18	21 21	1 7	2 19	4 53
W22	20 59	26 10	3 19	25 32	1 58	19 33	0 21	7 4	0 31	10 3	1 18	22 33	0 46	22 15	0 32	15 58	1 43	19 32	17 4	21 18	21 20	1 3	2 18	4 53
T 23	21 10	24 58	4 10	25 29	1 54	19 52	0 19	7 6	0 33	10 2	1 18	22 34	0 45	22 16	0 32	15 59	1 43	19 31	17 3	21 18	21 20	1 0	2 18	4 53
F 24	21 21	22 30	4 47	25 25	1 49	20 10	0 17	7 9	0 35	10 0	1 17	22 35	0 45	22 16	0 32	15 59	1 43	19 31	17 3	21 18	21 19	0 57	2 17	4 53
S 25	21 31	19 2	5 9	25 19	1 43	20 27	0 14	7 11	0 37	9 59	1 17	22 35	0 45	22 16	0 32	16 0	1 43	19 31	17 2	21 18	21 19	0 54	2 16	4 53
S 26	21 40	14 49	5 17	25 12	1 36	20 44	0 12	7 14	0 40	9 57	1 17	22 36	0 45	22 16	0 32	16 1	1 43	19 30	17 2	21 18	21 18	0 51	2 16	4 54
M27	21 50	10 6	5 11	25 3	1 29	21 0	0 10	7 18	0 42	9 56	1 17	22 36	0 45	22 17	0 32	16 1	1 43	19 30	17 1	21 18	21 17	0 48	2 15	4 54
T 28	21 59	5 4	4 51	24 54	1 21	21 16	0 7	7 21	0 44	9 54	1 16	22 37	0 45	22 17	0 33	16 2	1 43	19 29	17 1	21 18	21 17	0 45	2 15	4 54
W29	22 7	0n 8	4 19	24 43	1 13	21 31	0 5	7 25	0 46	9 53	1 16	22 37	0 45	22 17	0 33	16 2	1 43	19 29	17 0	21 18	21 16	0 42	2 14	4 54
T 30	22 16	5 21	3 36	24 31	1 3	21 46	0 2	7 29	0 48	9 52	1 16	22 38	0 45	22 17	0 33	16 3	1 43	19 28	17 0	21 18	21 16	0 39	2 14	4 55
F 31	22n23	10n26	2s43	24n18	0n54	21n59	0s 0	7s33	0s50	9s51	1n16	22n39	0s45	22s18	0s33	16n 3	1s43	19n28	16n59	21n18	21n15	0s36	2s13	4n55

Julian Day Number = 1990367.5, Delta T = 55m14s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'05, Lahiri = 6°16'06 Julian Calendar 1 May 737 == Greg. Calendar 5 May 737

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 737
geocentric

JUNE 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 50 51	12♊59'59	16♉18	8♋ 4	10♊29	17♎17	28°R28	22♊33	22°R10	19♉27	20♍ 9	5♊10	4♊48	8♈30	12♓55	S 1
S 2	16 54 48	13°57'10	28°37	8°57	11°43	17°25	28♎24	22°41	22♏ 9	19°29	20° 9	5°10	4°45	8°37	12°56	S 2
M 3	16 58 44	14°54'21	11♊ 9	9°46	12°57	17°33	28°21	22°49	22° 7	19°31	20° 9	5°R10	4°42	8°43	12°57	M 3
T 4	17 2 41	15°51'32	23°55	10°31	14°10	17°43	28°18	22°56	22° 5	19°33	20°10	5°10	4°39	8°50	12°57	T 4
W 5	17 6 37	16°48'42	6♋57	11°12	15°24	17°53	28°14	23° 4	22° 4	19°35	20°10	5° 9	4°36	8°57	12°57	W 5
T 6	17 10 34	17°45'52	20°13	11°50	16°38	18° 3	28°12	23°12	22° 2	19°37	20°10	5° 7	4°33	9° 3	12°58	T 6
F 7	17 14 30	18°43'02	3♌42	12°23	17°52	18°15	28° 9	23°20	22° 0	19°39	20°10	5° 5	4°29	9°10	12°58	F 7
S 8	17 18 27	19°40'11	17°25	12°53	19° 5	18°27	28° 6	23°28	21°58	19°41	20°11	5° 4	4°26	9°17	12°58	S 8
S 9	17 22 24	20°37'21	1♍19	13°18	20°19	18°39	28° 4	23°36	21°56	19°43	20°11	5° 2	4°23	9°23	12°59	S 9
M10	17 26 20	21°34'29	15°22	13°39	21°33	18°53	28° 2	23°43	21°54	19°45	20°12	5°D 2	4°20	9°30	12°59	M10
T 11	17 30 17	22°31'38	29°33	13°55	22°46	19° 7	28° 0	23°51	21°52	19°47	20°12	5° 2	4°17	9°37	12°59	T 11
W12	17 34 13	23°28'46	13♎50	14° 6	24° 0	19°21	27°58	23°59	21°50	19°49	20°13	5° 2	4°14	9°44	12°R59	W12
T 13	17 38 10	24°25'54	28°10	14°14	25°14	19°37	27°56	24° 7	21°48	19°51	20°13	5° 4	4°10	9°50	12°59	T 13
F 14	17 42 6	25°23'02	12♏30	14°R16	26°28	19°52	27°55	24°15	21°46	19°53	20°14	5° 5	4° 7	9°57	12°59	F 14
S 15	17 46 3	26°20'09	26°46	14°14	27°41	20° 9	27°54	24°23	21°44	19°55	20°14	5° 6	4° 4	10° 4	12°59	S 15
S 16	17 49 59	27°17'17	10♐54	14° 6	28°55	20°26	27°52	24°30	21°42	19°57	20°15	5°R 6	4° 1	10°10	12°59	S 16
M17	17 53 56	28°14'25	24°51	13°55	0♋ 9	20°43	27°51	24°38	21°40	19°58	20°16	5° 5	3°58	10°17	12°58	M17
T 18	17 57 53	29°11'34	8♑34	13°39	1°23	21° 1	27°51	24°46	21°38	20° 0	20°16	5° 3	3°54	10°24	12°58	T 18
W19	18 1 49	0♋ 8'42	21°58	13°18	2°37	21°20	27°50	24°54	21°35	20° 2	20°17	4°59	3°51	10°30	12°58	W19
T 20	18 5 46	1° 5'51	5♒ 3	12°53	3°50	21°39	27°50	25° 2	21°33	20° 4	20°18	4°56	3°48	10°37	12°57	T 20
F 21	18 9 42	2° 3'01	17°50	12°25	5° 4	21°59	27°50	25°10	21°31	20° 6	20°18	4°51	3°45	10°44	12°57	F 21
S 22	18 13 39	3° 0'11	0♓18	11°53	6°18	22°19	27°D50	25°17	21°29	20° 7	20°19	4°48	3°42	10°51	12°57	S 22
S 23	18 17 35	3°57'21	12°31	11°18	7°32	22°40	27°50	25°25	21°27	20° 9	20°20	4°45	3°39	10°57	12°56	S 23
M24	18 21 32	4°54'32	24°33	10°41	8°46	23° 1	27°50	25°33	21°24	20°11	20°21	4°43	3°35	11° 4	12°55	M24
T 25	18 25 28	5°51'44	6♈27	10° 2	10° 0	23°22	27°51	25°41	21°22	20°13	20°22	4°D42	3°32	11°11	12°55	T 25
W26	18 29 25	6°48'57	18°19	9°21	11°13	23°45	27°51	25°48	21°20	20°14	20°23	4°43	3°29	11°17	12°54	W26
T 27	18 33 22	7°46'10	0♉12	8°40	12°27	24° 7	27°52	25°56	21°17	20°16	20°24	4°44	3°26	11°24	12°53	T 27
F 28	18 37 18	8°43'25	12°13	7°59	13°41	24°30	27°53	26° 4	21°15	20°18	20°25	4°46	3°23	11°31	12°53	F 28
S 29	18 41 15	9°40'40	24°25	7°19	14°55	24°54	27°54	26°12	21°13	20°19	20°26	4°47	3°20	11°37	12°52	S 29
S 30	18 45 11	10♋37'56	6♊53	6♋41	16♋ 9	25♎18	27♎56	26♊19	21♏10	20♉21	20♍27	4°R48	3♊16	11♈44	12♓51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n31	15n11	1s43	24n 4	0n43	22n13	0n 2	7s38	0s52	9s50	1n15	22n39	0s45	22s18	0s33	16n 4	1s43	19n27	16n59	21n18	21n15	0s33	2s13	4n55
S 2	22 38	19 24	0 36	23 50	0 32	22 25	0 5	7 43	0 54	9 49	1 15	22 40	0 44	22 18	0 33	16 4	1 43	19 27	16 58	21 18	21 14	0 29	2 12	4 55
M 3	22 45	22 49	0n33	23 35	0 21	22 37	0 7	7 48	0 56	9 48	1 15	22 40	0 44	22 19	0 33	16 5	1 43	19 26	16 57	21 18	21 13	0 26	2 12	4 55
T 4	22 51	25 10	1 42	23 19	0 8	22 49	0 9	7 53	0 57	9 47	1 15	22 41	0 44	22 19	0 33	16 6	1 43	19 26	16 57	21 18	21 13	0 23	2 11	4 56
W 5	22 57	26 12	2 47	23 3	0s 4	23 0	0 12	7 58	0 59	9 46	1 14	22 41	0 44	22 19	0 33	16 6	1 43	19 25	16 56	21 18	21 12	0 20	2 11	4 56
T 6	23 2	25 46	3 44	22 47	0 17	23 10	0 14	8 4	1 1	9 45	1 14	22 42	0 44	22 20	0 33	16 7	1 43	19 24	16 56	21 18	21 12	0 17	2 11	4 56
F 7	23 7	23 49	4 30	22 30	0 31	23 19	0 16	8 10	1 3	9 44	1 14	22 42	0 44	22 20	0 33	16 7	1 43	19 24	16 55	21 18	21 11	0 14	2 10	4 56
S 8	23 12	20 29	5 1	22 14	0 45	23 28	0 19	8 16	1 4	9 44	1 13	22 43	0 44	22 20	0 33	16 8	1 43	19 23	16 55	21 17	21 10	0 11	2 10	4 57
S 9	23 16	15 59	5 15	21 57	1 0	23 36	0 21	8 23	1 6	9 43	1 13	22 43	0 44	22 21	0 33	16 8	1 43	19 23	16 54	21 17	21 10	0 8	2 10	4 57
M10	23 20	10 34	5 11	21 40	1 14	23 43	0 23	8 29	1 8	9 43	1 13	22 44	0 44	22 21	0 33	16 9	1 43	19 22	16 54	21 17	21 9	0 5	2 10	4 57
T 11	23 23	4 34	4 47	21 23	1 29	23 50	0 26	8 36	1 9	9 42	1 13	22 44	0 44	22 21	0 33	16 9	1 43	19 21	16 53	21 17	21 9	0 2	2 9	4 57
W12	23 26	1s43	4 6	21 7	1 45	23 56	0 28	8 43	1 11	9 42	1 12	22 44	0 44	22 22	0 33	16 10	1 43	19 21	16 53	21 17	21 8	0n 2	2 9	4 58
T 13	23 29	7 56	3 10	20 51	2 0	24 1	0 30	8 50	1 12	9 41	1 12	22 45	0 43	22 22	0 33	16 10	1 43	19 20	16 52	21 17	21 8	0 5	2 9	4 58
F 14	23 31	13 46	2 1	20 35	2 15	24 6	0 32	8 58	1 14	9 41	1 12	22 45	0 43	22 22	0 33	16 11	1 43	19 19	16 52	21 18	21 7	0 8	2 9	4 58
S 15	23 33	18 49	0 46	20 20	2 31	24 10	0 35	9 5	1 15	9 41	1 12	22 46	0 43	22 23	0 33	16 11	1 43	19 18	16 51	21 18	21 6	0 11	2 8	4 58
S 16	23 35	22 46	0s32	20 6	2 46	24 13	0 37	9 13	1 17	9 41	1 11	22 46	0 43	22 23	0 33	16 12	1 43	19 18	16 51	21 18	21 6	0 14	2 8	4 58
M17	23 35	25 17	1 47	19 52	3 1	24 15	0 39	9 21	1 18	9 41	1 11	22 47	0 43	22 23	0 33	16 12	1 43	19 17	16 50	21 18	21 5	0 17	2 8	4 59
T 18	23 36	26 13	2 54	19 39	3 15	24 17	0 41	9 29	1 20	9 41	1 11	22 47	0 43	22 24	0 33	16 13	1 43	19 16	16 50	21 17	21 5	0 20	2 8	4 59
W19	23 36	25 34	3 49	19 28	3 29	24 18	0 43	9 37	1 21	9 41	1 10	22 47	0 43	22 24	0 33	16 13	1 43	19 16	16 49	21 17	21 4	0 23	2 8	4 59
T 20	23 36	23 31	4 32	19 17	3 43	24 18	0 45	9 46	1 22	9 41	1 10	22 48	0 43	22 24	0 33	16 13	1 43	19 15	16 49	21 16	21 3	0 26	2 8	4 59
F 21	23 35	20 20	4 59	19 7	3 55	24 17	0 47	9 54	1 23	9 41	1 10	22 48	0 43	22 25	0 33	16 14	1 43	19 14	16 48	21 15	21 3	0 30	2 8	5 0
S 22	23 34	16 18	5 12	18 58	4 7	24 16	0 49	10 3	1 25	9 41	1 10	22 48	0 43	22 25	0 33	16 14	1 43	19 13	16 48	21 14	21 2	0 33	2 8	5 0
S 23	23 33	11 40	5 10	18 51	4 17	24 14	0 51	10 12	1 26	9 42	1 9	22 49	0 43	22 26	0 33	16 15	1 43	19 12	16 47	21 14	21 2	0 36	2 8	5 0
M24	23 31	6 41	4 55	18 45	4 26	24 11	0 53	10 21	1 27	9 42	1 9	22 49	0 43	22 26	0 33	16 15	1 43	19 12	16 47	21 14	21 1	0 39	2 8	5 0
T 25	23 28	1 30	4 26	18 40	4 34	24 8	0 55	10 30	1 28	9 43	1 9	22 49	0 42	22 26	0 33	16 16	1 43	19 11	16 46	21 13	21 0	0 42	2 8	5 0
W26	23 26	3n44	3 47	18 37	4 40	24 4	0 57	10 40	1 29	9 43	1 8	22 50	0 42	22 27	0 33	16 16	1 43	19 10	16 46	21 14	21 0	0 45	2 8	5 1
T 27	23 22	8 51	2 58	18 35	4 44	23 59	0 58	10 49	1 31	9 44	1 8	22 50	0 42	22 27	0 33	16 16	1 43	19 9	16 45	21 14	20 59	0 48	2 8	5 1
F 28	23 19	13 42	2 0	18 35	4 47	23 53	1 0	10 59	1 32	9 44	1 8	22 50	0 42	22 27	0 33	16 17	1 43	19 8	16 45	21 14	20 58	0 51	2 8	5 1
S 29	23 15	18 6	0 56	18 36	4 49	23 47	1 2	11 8	1 33	9 45	1 8	22 51	0 42	22 28	0 33	16 17	1 43	19 7	16 44	21 14	20 58	0 55	2 8	5 1
S 30	23n10	21n48	0n11	18n38	4s48	23n40	1n 3	11s18	1s34	9s46	1n 7	22n51	0s42	22s28	0s33	16n18	1s44	19n 7	16n44	21n14	20n57	0n58	2s 9	5n 2

Julian Day Number = 1990398.5, Delta T = 55m14s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'10, Lahiri = 6°16'10 Julian Calendar 1 June 737 == Greg. Calendar 5 June 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

JULY 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 49 8	11♋35'13	19♊38	6°R 5	17♋23	25♎42	27♎58	26♊27	21°R 8	20♉22	20♍28	4°R47	3♊13	11♈51	12°R50	M 1
T 2	18 53 4	12°32'31	2♋43	5♋32	18°37	26° 7	27°59	26°35	21♂ 6	20°24	20°29	4♊44	3°10	11°57	12♓49	T 2
W 3	18 57 1	13°29'49	16° 7	5° 2	19°51	26°32	28° 1	26°42	21° 3	20°25	20°30	4°40	3° 7	12° 4	12°48	W 3
T 4	19 0 57	14°27'08	29°48	4°37	21° 5	26°58	28° 3	26°50	21° 1	20°27	20°31	4°34	3° 4	12°11	12°47	T 4
F 5	19 4 54	15°24'28	13♌45	4°16	22°19	27°24	28° 6	26°58	20°59	20°28	20°33	4°28	3° 0	12°18	12°46	F 5
S 6	19 8 51	16°21'49	27°52	4° 1	23°33	27°50	28° 8	27° 5	20°56	20°30	20°34	4°21	2°57	12°24	12°44	S 6
S 7	19 12 47	17°19'10	12♍ 6	3°51	24°47	28°17	28°11	27°13	20°54	20°31	20°35	4°16	2°54	12°31	12°43	S 7
M 8	19 16 44	18°16'32	26°22	3°D47	26° 1	28°44	28°14	27°20	20°51	20°33	20°37	4°12	2°51	12°38	12°42	M 8
T 9	19 20 40	19°13'54	10♎36	3°48	27°15	29°12	28°17	27°28	20°49	20°34	20°38	4°11	2°48	12°44	12°40	T 9
W10	19 24 37	20°11'17	24°48	3°56	28°29	29°40	28°20	27°35	20°47	20°35	20°39	4°D10	2°45	12°51	12°39	W10
T 11	19 28 33	21° 8'41	8♏53	4°11	29°43	0♏ 8	28°23	27°43	20°44	20°37	20°41	4°11	2°41	12°58	12°38	T 11
F 12	19 32 30	22° 6'05	22°52	4°32	0♌57	0°37	28°27	27°50	20°42	20°38	20°42	4°12	2°38	13° 4	12°36	F 12
S 13	19 36 26	23° 3'31	6♐43	4°59	2°11	1° 6	28°30	27°57	20°39	20°39	20°43	4°R13	2°35	13°11	12°35	S 13
S 14	19 40 23	24° 0'57	20°26	5°33	3°25	1°35	28°34	28° 5	20°37	20°40	20°45	4°11	2°32	13°18	12°33	S 14
M15	19 44 20	24°58'24	3♑58	6°13	4°39	2° 5	28°38	28°12	20°35	20°42	20°46	4° 8	2°29	13°24	12°31	M15
T 16	19 48 16	25°55'52	17°19	7° 0	5°53	2°35	28°43	28°19	20°32	20°43	20°48	4° 3	2°26	13°31	12°30	T 16
W17	19 52 13	26°53'21	0♒26	7°53	7° 7	3° 5	28°47	28°27	20°30	20°44	20°49	3°55	2°22	13°38	12°28	W17
T 18	19 56 9	27°50'52	13°19	8°52	8°21	3°36	28°51	28°34	20°28	20°45	20°51	3°46	2°19	13°45	12°26	T 18
F 19	20 0 6	28°48'23	25°57	9°58	9°35	4° 7	28°56	28°41	20°25	20°46	20°53	3°36	2°16	13°51	12°25	F 19
S 20	20 4 2	29°45'56	8♓20	11° 9	10°49	4°38	29° 1	28°48	20°23	20°47	20°54	3°27	2°13	13°58	12°23	S 20
S 21	20 7 59	0♌43'30	20°31	12°26	12° 3	5° 9	29° 6	28°55	20°20	20°48	20°56	3°19	2°10	14° 5	12°21	S 21
M22	20 11 56	1°41'06	2♈30	13°48	13°17	5°41	29°11	29° 2	20°18	20°49	20°57	3°12	2° 6	14°11	12°19	M22
T 23	20 15 52	2°38'43	14°23	15°15	14°31	6°13	29°16	29° 9	20°16	20°50	20°59	3° 8	2° 3	14°18	12°17	T 23
W24	20 19 49	3°36'22	26°13	16°47	15°45	6°46	29°22	29°16	20°13	20°51	21° 1	3° 7	2° 0	14°25	12°15	W24
T 25	20 23 45	4°34'03	8♉ 6	18°24	16°59	7°18	29°27	29°23	20°11	20°52	21° 3	3°D 6	1°57	14°31	12°13	T 25
F 26	20 27 42	5°31'45	20° 6	20° 4	18°13	7°51	29°33	29°30	20° 9	20°53	21° 4	3° 7	1°54	14°38	12°11	F 26
S 27	20 31 38	6°29'29	2♊19	21°48	19°27	8°24	29°39	29°37	20° 7	20°54	21° 6	3°R 7	1°51	14°45	12° 9	S 27
S 28	20 35 35	7°27'15	14°50	23°36	20°41	8°58	29°45	29°44	20° 4	20°55	21° 8	3° 7	1°47	14°51	12° 7	S 28
M29	20 39 31	8°25'02	27°43	25°26	21°55	9°31	29°51	29°50	20° 2	20°55	21°10	3° 4	1°44	14°58	12° 4	M29
T 30	20 43 28	9°22'51	10♋59	27°19	23° 9	10° 5	29°58	29°57	20° 0	20°56	21°12	2°59	1°41	15° 5	12° 2	T 30
W31	20 47 25	10♌20'42	24♋41	29♋13	24♌23	10♏39	0♏ 4	0♋ 4	19♑58	20♉57	21♍13	2♊52	1♊38	15♈11	12♓ 0	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 6	24n31	1n20	18n42	4s46	23n32	1n 5	11s28	1s35	9s47	1n 7	22n51	0s42	22s29	0s33	16n18	1s44	19n 6	16n43	21n14	20n57	1n 1	2s 9	5n 2
T 2	23 0	26 0	2 26	18 47	4 42	23 24	1 7	11 38	1 36	9 48	1 7	22 52	0 42	22 29	0 33	16 18	1 44	19 5	16 43	21 14	20 56	1 4	2 9	5 2
W 3	22 55	26 1	3 25	18 54	4 37	23 15	1 8	11 48	1 37	9 48	1 6	22 52	0 42	22 29	0 33	16 19	1 44	19 4	16 42	21 13	20 55	1 7	2 9	5 2
T 4	22 49	24 28	4 14	19 2	4 30	23 5	1 10	11 59	1 38	9 50	1 6	22 52	0 42	22 30	0 33	16 19	1 44	19 3	16 42	21 12	20 55	1 10	2 9	5 2
F 5	22 42	21 25	4 49	19 11	4 22	22 55	1 11	12 9	1 39	9 51	1 6	22 52	0 42	22 30	0 33	16 19	1 44	19 2	16 41	21 11	20 54	1 13	2 10	5 3
S 6	22 36	17 5	5 7	19 21	4 12	22 43	1 12	12 19	1 39	9 52	1 6	22 53	0 42	22 30	0 33	16 20	1 44	19 1	16 41	21 10	20 54	1 16	2 10	5 3
S 7	22 28	11 47	5 6	19 32	4 1	22 32	1 14	12 30	1 40	9 53	1 5	22 53	0 42	22 31	0 33	16 20	1 44	19 0	16 40	21 9	20 53	1 20	2 10	5 3
M 8	22 21	5 50	4 46	19 44	3 49	22 19	1 15	12 40	1 41	9 54	1 5	22 53	0 42	22 31	0 33	16 20	1 44	18 59	16 40	21 8	20 52	1 23	2 10	5 3
T 9	22 13	0s25	4 9	19 56	3 37	22 6	1 16	12 51	1 42	9 56	1 5	22 53	0 42	22 32	0 33	16 21	1 44	18 58	16 39	21 8	20 52	1 26	2 11	5 3
W10	22 4	6 37	3 16	20 10	3 23	21 52	1 17	13 2	1 43	9 57	1 5	22 53	0 41	22 32	0 33	16 21	1 44	18 57	16 39	21 8	20 51	1 29	2 11	5 3
T 11	21 56	12 28	2 12	20 24	3 9	21 38	1 18	13 13	1 44	9 58	1 4	22 54	0 41	22 32	0 33	16 21	1 44	18 56	16 39	21 8	20 50	1 32	2 12	5 4
F 12	21 47	17 38	1 1	20 38	2 54	21 23	1 19	13 24	1 44	10 0	1 4	22 54	0 41	22 33	0 33	16 22	1 44	18 56	16 38	21 8	20 50	1 35	2 12	5 4
S 13	21 37	21 48	0s14	20 52	2 39	21 7	1 20	13 35	1 45	10 2	1 4	22 54	0 41	22 33	0 33	16 22	1 44	18 55	16 38	21 8	20 49	1 38	2 12	5 4
S 14	21 27	24 41	1 26	21 6	2 23	20 51	1 21	13 46	1 46	10 3	1 3	22 54	0 41	22 33	0 33	16 22	1 44	18 54	16 37	21 8	20 49	1 42	2 13	5 4
M15	21 17	26 6	2 33	21 20	2 7	20 34	1 22	13 57	1 47	10 5	1 3	22 54	0 41	22 34	0 33	16 22	1 44	18 53	16 37	21 7	20 48	1 45	2 13	5 4
T 16	21 6	25 57	3 30	21 33	1 52	20 16	1 23	14 8	1 47	10 7	1 3	22 54	0 41	22 34	0 33	16 23	1 44	18 52	16 36	21 6	20 47	1 48	2 14	5 5
W17	20 55	24 21	4 15	21 46	1 36	19 58	1 24	14 19	1 48	10 8	1 3	22 55	0 41	22 35	0 33	16 23	1 44	18 51	16 36	21 5	20 47	1 51	2 14	5 5
T 18	20 44	21 30	4 46	21 58	1 20	19 40	1 24	14 30	1 49	10 10	1 2	22 55	0 41	22 35	0 33	16 23	1 44	18 50	16 36	21 3	20 46	1 54	2 15	5 5
F 19	20 32	17 41	5 2	22 9	1 5	19 20	1 25	14 41	1 49	10 12	1 2	22 55	0 41	22 35	0 33	16 23	1 44	18 49	16 35	21 1	20 45	1 57	2 15	5 5
S 20	20 20	13 11	5 4	22 19	0 50	19 1	1 25	14 52	1 50	10 14	1 2	22 55	0 41	22 36	0 33	16 24	1 44	18 48	16 35	20 59	20 45	2 0	2 16	5 5
S 21	20 8	8 15	4 52	22 26	0 35	18 40	1 26	15 4	1 50	10 16	1 2	22 55	0 41	22 36	0 33	16 24	1 44	18 47	16 34	20 58	20 44	2 3	2 16	5 5
M22	19 55	3 4	4 26	22 33	0 20	18 20	1 26	15 15	1 51	10 18	1 1	22 55	0 41	22 36	0 33	16 24	1 45	18 46	16 34	20 57	20 44	2 7	2 17	5 5
T 23	19 42	2n11	3 50	22 37	0 7	17 58	1 27	15 26	1 52	10 20	1 1	22 55	0 41	22 37	0 33	16 24	1 45	18 45	16 34	20 56	20 43	2 10	2 18	5 6
W24	19 29	7 20	3 4	22 39	0n 7	17 36	1 27	15 38	1 52	10 22	1 1	22 55	0 41	22 37	0 33	16 25	1 45	18 44	16 33	20 55	20 42	2 13	2 18	5 6
T 25	19 15	12 16	2 10	22 39	0 19	17 14	1 27	15 49	1 53	10 25	1 1	22 55	0 41	22 37	0 33	16 25	1 45	18 43	16 33	20 55	20 42	2 16	2 19	5 6
F 26	19 1	16 47	1 9	22 36	0 31	16 51	1 27	16 0	1 53	10 27	1 0	22 56	0 41	22 38	0 33	16 25	1 45	18 42	16 33	20 55	20 41	2 19	2 20	5 6
S 27	18 47	20 42	0 4	22 31	0 42	16 28	1 27	16 12	1 54	10 29	1 0	22 56	0 41	22 38	0 33	16 25	1 45	18 41	16 32	20 56	20 40	2 22	2 20	5 6
S 28	18 32	23 46	1n 2	22 23	0 52	16 5	1 27	16 23	1 54	10 32	1 0	22 56	0 41	22 38	0 33	16 25	1 45	18 40	16 32	20 55	20 40	2 25	2 21	5 6
M29	18 17	25 42	2 7	22 12	1 1	15 40	1 27	16 34	1 54	10 34	1 0	22 56	0 40	22 39	0 33	16 25	1 45	18 38	16 32	20 55	20 39	2 29	2 22	5 6
T 30	18 2	26 15	3 7	21 59	1 10	15 16	1 27	16 45	1 55	10 37	0 59	22 56	0 40	22 39	0 33	16 26	1 45	18 37	16 31	20 54	20 38	2 32	2 22	5 6
W31	17n46	25n14	3n58	21n43	1n17	14n51	1n27	16s57	1s55	10s39	0n59	22n56	0s40	22s39	0s33	16n26	1s45	18n36	16n31	20n52	20n38	2n35	2s23	5n 7

Julian Day Number = 1990428.5, Delta T = 55m13s
Ecliptic obliquity = 23°36'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'14, Lahiri = 6°16'14 Julian Calendar 1 July 737 == Greg. Calendar 5 July 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

AUGUST 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 51 21	11♌18'34	8♌45	1♌10	25♌38	11♏14	0♏11	0♋10	19°R55	20♉58	21♍15	2°R42	1♊35	15♈18	11°R58	T 1
F 2	20 55 18	12°16'28	23° 7	3° 7	26°52	11°49	0°17	0°17	19♉53	20°58	21°17	2♊32	1°32	15°25	11♓55	F 2
S 3	20 59 14	13°14'23	7♍42	5° 5	28° 6	12°24	0°24	0°23	19°51	20°59	21°19	2°21	1°28	15°32	11°53	S 3
S 4	21 3 11	14°12'20	22°21	7° 4	29°20	12°59	0°31	0°30	19°49	20°59	21°21	2°12	1°25	15°38	11°51	S 4
M 5	21 7 7	15°10'18	6♎57	9° 3	0♍34	13°34	0°39	0°36	19°47	21° 0	21°23	2° 5	1°22	15°45	11°48	M 5
T 6	21 11 4	16° 8'18	21°26	11° 2	1°48	14°10	0°46	0°42	19°45	21° 0	21°25	2° 1	1°19	15°52	11°46	T 6
W 7	21 15 0	17° 6'19	5♏42	13° 1	3° 2	14°45	0°53	0°49	19°43	21° 1	21°27	1°59	1°16	15°58	11°43	W 7
T 8	21 18 57	18° 4'21	19°45	14°59	4°16	15°22	1° 1	0°55	19°41	21° 1	21°29	1°D59	1°12	16° 5	11°41	T 8
F 9	21 22 54	19° 2'25	3♐33	16°57	5°30	15°58	1° 9	1° 1	19°39	21° 2	21°31	1°R59	1° 9	16°12	11°38	F 9
S 10	21 26 50	20° 0'31	17° 8	18°54	6°45	16°34	1°16	1° 7	19°37	21° 2	21°33	1°58	1° 6	16°18	11°36	S 10
S 11	21 30 47	20°58'38	0♑30	20°50	7°59	17°11	1°24	1°13	19°35	21° 3	21°35	1°55	1° 3	16°25	11°33	S 11
M12	21 34 43	21°56'46	13°40	22°45	9°13	17°48	1°33	1°19	19°33	21° 3	21°37	1°50	1° 0	16°32	11°31	M12
T 13	21 38 40	22°54'56	26°39	24°40	10°27	18°25	1°41	1°25	19°31	21° 3	21°39	1°42	0°57	16°38	11°28	T 13
W14	21 42 36	23°53'08	9♒26	26°33	11°41	19° 2	1°49	1°31	19°29	21° 4	21°42	1°31	0°53	16°45	11°26	W14
T 15	21 46 33	24°51'21	22° 3	28°25	12°55	19°40	1°58	1°36	19°27	21° 4	21°44	1°19	0°50	16°52	11°23	T 15
F 16	21 50 29	25°49'36	4♓28	0♍16	14° 9	20°17	2° 6	1°42	19°26	21° 4	21°46	1° 5	0°47	16°58	11°20	F 16
S 17	21 54 26	26°47'53	16°42	2° 6	15°23	20°55	2°15	1°48	19°24	21° 4	21°48	0°52	0°44	17° 5	11°18	S 17
S 18	21 58 23	27°46'12	28°46	3°54	16°37	21°33	2°24	1°53	19°22	21° 4	21°50	0°40	0°41	17°12	11°15	S 18
M19	22 2 19	28°44'33	10♈41	5°42	17°51	22°11	2°33	1°59	19°20	21° 4	21°52	0°30	0°38	17°19	11°12	M19
T 20	22 6 16	29°42'56	22°32	7°28	19° 5	22°49	2°42	2° 4	19°19	21° 4	21°54	0°24	0°34	17°25	11°10	T 20
W21	22 10 12	0♍41'22	4♉20	9°14	20°19	23°28	2°51	2° 9	19°17	21°R 4	21°57	0°20	0°31	17°32	11° 7	W21
T 22	22 14 9	1°39'49	16°10	10°58	21°33	24° 7	3° 0	2°15	19°16	21° 4	21°59	0°18	0°28	17°39	11° 4	T 22
F 23	22 18 5	2°38'19	28° 8	12°41	22°47	24°45	3° 9	2°20	19°14	21° 4	22° 1	0°17	0°25	17°45	11° 1	F 23
S 24	22 22 2	3°36'51	10♊19	14°23	24° 2	25°24	3°19	2°25	19°13	21° 4	22° 3	0°17	0°22	17°52	10°59	S 24
S 25	22 25 58	4°35'25	22°49	16° 4	25°16	26° 4	3°28	2°30	19°11	21° 4	22° 6	0°16	0°18	17°59	10°56	S 25
M26	22 29 55	5°34'02	5♋41	17°44	26°30	26°43	3°38	2°35	19°10	21° 4	22° 8	0°14	0°15	18° 5	10°53	M26
T 27	22 33 51	6°32'41	19° 0	19°23	27°44	27°22	3°48	2°40	19° 8	21° 4	22°10	0° 9	0°12	18°12	10°50	T 27
W28	22 37 48	7°31'22	2♌48	21° 1	28°58	28° 2	3°58	2°45	19° 7	21° 4	22°12	0° 1	0° 9	18°19	10°47	W28
T 29	22 41 45	8°30'05	17° 4	22°37	0♎12	28°42	4° 8	2°49	19° 6	21° 3	22°15	29♉51	0° 6	18°25	10°45	T 29
F 30	22 45 41	9°28'50	1♍43	24°13	1°26	29°22	4°18	2°54	19° 4	21° 3	22°17	29°40	0° 3	18°32	10°42	F 30
S 31	22 49 38	10♍27'37	16♍38	25♍48	2♎40	0♐ 2	4♏28	2♋58	19♑ 3	21♉ 3	22♍19	29♉29	29♉59	18♈39	10♓39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n30	22n38	4n36	21n24	1n24	14n26	1n27	17s 8	1s56	10s42	0n59	22n56	0s40	22s40	0s33	16n26	1s45	18n35	16n31	20n51	20n37	2n38	2s24	5n 7
F 2	17 14	18 35	4 58	21 3	1 30	14 0	1 26	17 19	1 56	10 44	0 59	22 56	0 40	22 40	0 33	16 26	1 45	18 34	16 30	20 49	20 36	2 41	2 25	5 7
S 3	16 58	13 23	5 1	20 39	1 35	13 34	1 26	17 30	1 56	10 47	0 58	22 56	0 40	22 40	0 33	16 26	1 45	18 33	16 30	20 47	20 36	2 44	2 26	5 7
S 4	16 41	7 24	4 44	20 13	1 39	13 7	1 26	17 42	1 57	10 50	0 58	22 56	0 40	22 41	0 33	16 26	1 45	18 32	16 30	20 45	20 35	2 47	2 26	5 7
M 5	16 24	1 1	4 8	19 45	1 42	12 40	1 25	17 53	1 57	10 52	0 58	22 56	0 40	22 41	0 33	16 26	1 45	18 31	16 29	20 43	20 35	2 51	2 27	5 7
T 6	16 6	5s22	3 17	19 15	1 44	12 13	1 25	18 4	1 57	10 55	0 58	22 56	0 40	22 41	0 33	16 26	1 45	18 30	16 29	20 42	20 34	2 54	2 28	5 7
W 7	15 49	11 24	2 14	18 43	1 46	11 46	1 24	18 15	1 58	10 58	0 57	22 56	0 40	22 42	0 33	16 26	1 45	18 29	16 29	20 42	20 33	2 57	2 29	5 7
T 8	15 31	16 46	1 4	18 9	1 47	11 18	1 23	18 26	1 58	11 1	0 57	22 56	0 40	22 42	0 33	16 26	1 45	18 28	16 29	20 42	20 33	3 0	2 30	5 7
F 9	15 13	21 9	0s 8	17 34	1 47	10 50	1 22	18 37	1 58	11 4	0 57	22 56	0 40	22 42	0 33	16 27	1 45	18 27	16 28	20 42	20 32	3 3	2 31	5 7
S 10	14 55	24 17	1 19	16 57	1 47	10 21	1 21	18 48	1 59	11 7	0 57	22 56	0 40	22 42	0 33	16 27	1 46	18 26	16 28	20 42	20 31	3 6	2 32	5 7
S 11	14 36	26 1	2 25	16 19	1 45	9 53	1 21	18 59	1 59	11 10	0 57	22 56	0 40	22 43	0 33	16 27	1 46	18 25	16 28	20 41	20 31	3 9	2 32	5 7
M12	14 17	26 14	3 21	15 39	1 44	9 24	1 20	19 9	1 59	11 13	0 56	22 56	0 40	22 43	0 33	16 27	1 46	18 24	16 28	20 40	20 30	3 13	2 33	5 8
T 13	13 58	25 0	4 6	14 59	1 42	8 55	1 19	19 20	1 59	11 16	0 56	22 56	0 40	22 43	0 33	16 27	1 46	18 23	16 27	20 39	20 29	3 16	2 34	5 8
W14	13 39	22 29	4 38	14 18	1 39	8 25	1 17	19 31	2 0	11 19	0 56	22 56	0 40	22 43	0 33	16 27	1 46	18 22	16 27	20 36	20 29	3 19	2 35	5 8
T 15	13 20	18 55	4 56	13 36	1 36	7 56	1 16	19 41	2 0	11 22	0 56	22 56	0 40	22 44	0 33	16 27	1 46	18 21	16 27	20 34	20 28	3 22	2 36	5 8
F 16	13 0	14 34	4 59	12 54	1 32	7 26	1 15	19 52	2 0	11 25	0 55	22 56	0 40	22 44	0 33	16 27	1 46	18 20	16 27	20 31	20 27	3 25	2 37	5 8
S 17	12 40	9 43	4 49	12 10	1 28	6 56	1 14	20 2	2 0	11 28	0 55	22 56	0 40	22 44	0 33	16 27	1 46	18 19	16 27	20 28	20 27	3 28	2 38	5 8
S 18	12 20	4 33	4 25	11 27	1 24	6 26	1 12	20 12	2 0	11 32	0 55	22 56	0 40	22 44	0 33	16 27	1 46	18 18	16 26	20 26	20 26	3 32	2 39	5 8
M19	11 59	0n44	3 50	10 43	1 19	5 55	1 11	20 23	2 0	11 35	0 55	22 56	0 40	22 45	0 33	16 27	1 46	18 17	16 26	20 24	20 25	3 35	2 40	5 8
T 20	11 39	5 57	3 5	9 58	1 14	5 25	1 9	20 33	2 0	11 38	0 55	22 56	0 40	22 45	0 33	16 27	1 46	18 15	16 26	20 22	20 25	3 38	2 41	5 8
W21	11 18	10 58	2 13	9 14	1 9	4 54	1 8	20 43	2 1	11 41	0 54	22 56	0 40	22 45	0 33	16 27	1 46	18 14	16 26	20 22	20 24	3 41	2 42	5 8
T 22	10 57	15 37	1 14	8 29	1 3	4 23	1 6	20 53	2 1	11 45	0 54	22 55	0 40	22 45	0 33	16 27	1 46	18 13	16 26	20 21	20 23	3 44	2 43	5 8
F 23	10 36	19 42	0 11	7 44	0 58	3 52	1 5	21 2	2 1	11 48	0 54	22 55	0 40	22 46	0 33	16 26	1 46	18 12	16 26	20 21	20 23	3 47	2 44	5 8
S 24	10 15	23 1	0n53	6 59	0 52	3 21	1 3	21 12	2 1	11 52	0 54	22 55	0 40	22 46	0 33	16 26	1 46	18 11	16 25	20 21	20 22	3 50	2 45	5 8
S 25	9 54	25 20	1 56	6 14	0 45	2 50	1 1	21 21	2 1	11 55	0 54	22 55	0 40	22 46	0 33	16 26	1 46	18 10	16 25	20 21	20 21	3 54	2 46	5 8
M26	9 32	26 24	2 56	5 29	0 39	2 18	0 59	21 31	2 1	11 59	0 53	22 55	0 39	22 46	0 33	16 26	1 46	18 9	16 25	20 20	20 21	3 57	2 47	5 8
T 27	9 10	26 0	3 47	4 44	0 32	1 47	0 57	21 40	2 1	12 2	0 53	22 55	0 39	22 46	0 33	16 26	1 46	18 8	16 25	20 19	20 20	4 0	2 48	5 8
W28	8 48	24 1	4 28	3 59	0 26	1 16	0 55	21 49	2 1	12 6	0 53	22 55	0 39	22 47	0 33	16 26	1 47	18 7	16 25	20 18	20 19	4 3	2 50	5 8
T 29	8 26	20 29	4 53	3 14	0 19	0 44	0 53	21 58	2 1	12 9	0 53	22 55	0 39	22 47	0 33	16 26	1 47	18 6	16 25	20 15	20 19	4 6	2 51	5 8
F 30	8 4	15 36	5 1	2 29	0 12	0 13	0 51	22 7	2 1	12 13	0 53	22 55	0 39	22 47	0 33	16 26	1 47	18 5	16 25	20 13	20 18	4 9	2 52	5 8
S 31	7n42	9n43	4n48	1n45	0n 5	0s19	0n49	22s16	2s 1	12s16	0n52	22n55	0s39	22s47	0s33	16n26	1s47	18n 4	16n25	20n11	20n17	4n12	2s53	5n 8

Julian Day Number = 1990459.5, Delta T = 55m12s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'18, Lahiri = 6°16'18 Julian Calendar 1 Aug. 737 == Greg. Calendar 5 Aug. 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

SEPTEMBER 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 53 34	11♍26'27	1♎40	27♍22	3♎54	0♐42	4♏38	3♋ 3	19°R 2	21°R 2	22♍22	29°R19	29♉56	18♈45	10°R36	S 1
M 2	22 57 31	12°25'18	16°40	28°55	5° 8	1°23	4°49	3° 7	19♑ 1	21♉ 2	22°24	29♉11	29°53	18°52	10♓34	M 2
T 3	23 1 27	13°24'11	1♏29	0♎27	6°22	2° 3	4°59	3°11	19° 0	21° 2	22°26	29° 6	29°50	18°59	10°31	T 3
W 4	23 5 24	14°23'06	16° 0	1°58	7°36	2°44	5°10	3°16	18°59	21° 1	22°28	29° 4	29°47	19° 5	10°28	W 4
T 5	23 9 20	15°22'03	0♐10	3°29	8°50	3°25	5°20	3°20	18°58	21° 1	22°31	29°D 3	29°43	19°12	10°25	T 5
F 6	23 13 17	16°21'02	14° 0	4°58	10° 4	4° 6	5°31	3°24	18°57	21° 0	22°33	29°R 3	29°40	19°19	10°22	F 6
S 7	23 17 14	17°20'02	27°29	6°26	11°18	4°47	5°42	3°28	18°56	21° 0	22°35	29° 3	29°37	19°25	10°20	S 7
S 8	23 21 10	18°19'05	10♑40	7°54	12°32	5°28	5°53	3°31	18°55	20°59	22°38	29° 1	29°34	19°32	10°17	S 8
M 9	23 25 7	19°18'09	23°36	9°20	13°46	6° 9	6° 4	3°35	18°54	20°59	22°40	28°56	29°31	19°39	10°14	M 9
T 10	23 29 3	20°17'15	6♒18	10°45	15° 0	6°51	6°15	3°39	18°53	20°58	22°42	28°49	29°28	19°45	10°11	T 10
W11	23 33 0	21°16'23	18°49	12°10	16°14	7°32	6°26	3°42	18°53	20°57	22°45	28°39	29°24	19°52	10° 9	W11
T 12	23 36 56	22°15'33	1♓ 9	13°33	17°27	8°14	6°37	3°46	18°52	20°57	22°47	28°28	29°21	19°59	10° 6	T 12
F 13	23 40 53	23°14'44	13°21	14°55	18°41	8°56	6°49	3°49	18°51	20°56	22°49	28°15	29°18	20° 5	10° 3	F 13
S 14	23 44 49	24°13'58	25°25	16°16	19°55	9°38	7° 0	3°52	18°51	20°55	22°52	28° 3	29°15	20°12	10° 1	S 14
S 15	23 48 46	25°13'14	7♈22	17°37	21° 9	10°20	7°12	3°55	18°50	20°54	22°54	27°53	29°12	20°19	9°58	S 15
M16	23 52 43	26°12'32	19°13	18°55	22°23	11° 2	7°23	3°58	18°50	20°54	22°57	27°44	29° 9	20°26	9°55	M16
T 17	23 56 39	27°11'52	1♉ 2	20°13	23°37	11°44	7°35	4° 1	18°49	20°53	22°59	27°38	29° 5	20°32	9°53	T 17
W18	0 0 36	28°11'15	12°49	21°29	24°51	12°27	7°46	4° 4	18°49	20°52	23° 1	27°34	29° 2	20°39	9°50	W18
T 19	0 4 32	29°10'40	24°40	22°44	26° 4	13° 9	7°58	4° 7	18°49	20°51	23° 4	27°D33	28°59	20°46	9°47	T 19
F 20	0 8 29	0♎10'07	6♊37	23°57	27°18	13°52	8°10	4°10	18°48	20°50	23° 6	27°33	28°56	20°52	9°45	F 20
S 21	0 12 25	1° 9'37	18°47	25° 9	28°32	14°34	8°22	4°12	18°48	20°49	23° 8	27°34	28°53	20°59	9°42	S 21
S 22	0 16 22	2° 9'09	1♋13	26°19	29°46	15°17	8°34	4°15	18°48	20°48	23°10	27°R35	28°49	21° 6	9°40	S 22
M23	0 20 18	3° 8'43	14° 0	27°27	1♏ 0	16° 0	8°46	4°17	18°48	20°47	23°13	27°34	28°46	21°12	9°37	M23
T 24	0 24 15	4° 8'20	27°14	28°33	2°13	16°43	8°58	4°19	18°48	20°46	23°15	27°32	28°43	21°19	9°35	T 24
W25	0 28 12	5° 7'59	10♌57	29°37	3°27	17°26	9°10	4°21	18°D48	20°45	23°17	27°27	28°40	21°26	9°32	W25
T 26	0 32 8	6° 7'41	25°10	0♏38	4°41	18° 9	9°22	4°23	18°48	20°44	23°20	27°21	28°37	21°32	9°30	T 26
F 27	0 36 5	7° 7'25	9♍50	1°37	5°55	18°52	9°34	4°25	18°48	20°43	23°22	27°13	28°34	21°39	9°28	F 27
S 28	0 40 1	8° 7'10	24°51	2°32	7° 8	19°36	9°47	4°27	18°48	20°42	23°24	27° 5	28°30	21°46	9°25	S 28
S 29	0 43 58	9° 6'58	10♎ 4	3°24	8°22	20°19	9°59	4°29	18°48	20°41	23°27	26°58	28°27	21°52	9°23	S 29
M30	0 47 54	10♎ 6'48	25♎19	4♏13	9♏36	21♐ 3	10♏12	4♋30	18♑48	20♉39	23♍29	26♉53	28♉24	21♈59	9♓21	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n19	3n13	4n15	1n 1	0s 3	0s50	0n47	22s24	2s 1	12s20	0n52	22n55	0s39	22s47	0s33	16n26	1s47	18n 3	16n25	20n 8	20n17	4n16	2s54	5n 8
M 2	6 57	3s27	3 24	0 17	0 10	1 22	0 45	22 33	2 1	12 24	0 52	22 55	0 39	22 47	0 33	16 25	1 47	18 2	16 24	20 7	20 16	4 19	2 55	5 7
T 3	6 34	9 52	2 21	0s27	0 17	1 54	0 43	22 41	2 1	12 27	0 52	22 55	0 39	22 47	0 33	16 25	1 47	18 1	16 24	20 6	20 15	4 22	2 56	5 7
W 4	6 11	15 39	1 9	1 10	0 25	2 25	0 40	22 49	2 1	12 31	0 52	22 55	0 39	22 48	0 33	16 25	1 47	18 0	16 24	20 5	20 15	4 25	2 57	5 7
T 5	5 48	20 25	0s 6	1 53	0 32	2 57	0 38	22 57	2 1	12 35	0 52	22 55	0 39	22 48	0 33	16 25	1 47	17 59	16 24	20 5	20 14	4 28	2 58	5 7
F 6	5 25	23 56	1 18	2 35	0 39	3 28	0 36	23 5	2 0	12 39	0 51	22 54	0 39	22 48	0 33	16 25	1 47	17 58	16 24	20 5	20 13	4 31	2 59	5 7
S 7	5 2	26 0	2 25	3 17	0 47	3 59	0 33	23 13	2 0	12 42	0 51	22 54	0 39	22 48	0 33	16 24	1 47	17 57	16 24	20 5	20 12	4 35	3 1	5 7
S 8	4 39	26 31	3 22	3 59	0 54	4 31	0 31	23 20	2 0	12 46	0 51	22 54	0 39	22 48	0 33	16 24	1 47	17 57	16 24	20 5	20 12	4 38	3 2	5 7
M 9	4 16	25 35	4 7	4 40	1 2	5 2	0 28	23 27	2 0	12 50	0 51	22 54	0 39	22 48	0 33	16 24	1 47	17 56	16 24	20 4	20 11	4 41	3 3	5 7
T 10	3 52	23 20	4 40	5 21	1 9	5 33	0 26	23 34	2 0	12 54	0 51	22 54	0 39	22 48	0 33	16 24	1 47	17 55	16 24	20 2	20 10	4 44	3 4	5 7
W11	3 29	20 0	4 58	6 1	1 16	6 4	0 23	23 41	2 0	12 58	0 51	22 54	0 39	22 48	0 33	16 24	1 47	17 54	16 24	20 0	20 10	4 47	3 5	5 7
T 12	3 5	15 50	5 2	6 40	1 24	6 35	0 21	23 48	2 0	13 2	0 50	22 54	0 39	22 48	0 33	16 23	1 47	17 53	16 24	19 57	20 9	4 50	3 6	5 7
F 13	2 42	11 4	4 52	7 19	1 31	7 6	0 18	23 54	1 59	13 5	0 50	22 54	0 39	22 48	0 33	16 23	1 47	17 52	16 24	19 55	20 8	4 53	3 7	5 6
S 14	2 18	5 57	4 29	7 57	1 38	7 36	0 15	24 1	1 59	13 9	0 50	22 54	0 39	22 48	0 33	16 23	1 47	17 51	16 24	19 52	20 8	4 57	3 8	5 6
S 15	1 55	0 39	3 54	8 34	1 45	8 7	0 13	24 7	1 59	13 13	0 50	22 54	0 39	22 49	0 33	16 23	1 47	17 50	16 24	19 49	20 7	5 0	3 10	5 6
M16	1 31	4n39	3 10	9 11	1 52	8 37	0 10	24 13	1 59	13 17	0 50	22 54	0 39	22 49	0 33	16 22	1 48	17 49	16 24	19 47	20 6	5 3	3 11	5 6
T 17	1 7	9 46	2 17	9 47	1 59	9 7	0 7	24 18	1 59	13 21	0 50	22 54	0 39	22 49	0 33	16 22	1 48	17 48	16 25	19 46	20 6	5 6	3 12	5 6
W18	0 44	14 33	1 18	10 22	2 5	9 37	0 4	24 24	1 58	13 25	0 49	22 54	0 39	22 49	0 33	16 22	1 48	17 47	16 25	19 45	20 5	5 9	3 13	5 6
T 19	0 20	18 49	0 15	10 56	2 12	10 7	0 2	24 29	1 58	13 29	0 49	22 54	0 39	22 49	0 33	16 22	1 48	17 47	16 25	19 45	20 4	5 12	3 14	5 6
F 20	0s 4	22 22	0n49	11 29	2 18	10 36	0s 1	24 34	1 58	13 33	0 49	22 53	0 39	22 49	0 33	16 21	1 48	17 46	16 25	19 45	20 3	5 15	3 15	5 6
S 21	0 28	24 59	1 51	12 2	2 24	11 5	0 4	24 39	1 57	13 37	0 49	22 53	0 39	22 49	0 33	16 21	1 48	17 45	16 25	19 45	20 3	5 19	3 16	5 5
S 22	0 52	26 27	2 51	12 33	2 29	11 34	0 7	24 44	1 57	13 41	0 49	22 53	0 39	22 49	0 33	16 21	1 48	17 44	16 25	19 45	20 2	5 22	3 17	5 5
M23	1 16	26 34	3 43	13 3	2 35	12 3	0 10	24 48	1 57	13 45	0 49	22 53	0 39	22 49	0 33	16 20	1 48	17 43	16 25	19 45	20 1	5 25	3 18	5 5
T 24	1 39	25 12	4 26	13 31	2 40	12 31	0 13	24 52	1 57	13 49	0 49	22 53	0 39	22 49	0 33	16 20	1 48	17 42	16 25	19 45	20 1	5 28	3 19	5 5
W25	2 3	22 19	4 55	13 59	2 45	13 0	0 15	24 56	1 56	13 53	0 48	22 53	0 39	22 49	0 32	16 20	1 48	17 42	16 25	19 44	20 0	5 31	3 21	5 5
T 26	2 27	18 2	5 7	14 25	2 49	13 27	0 18	25 0	1 56	13 57	0 48	22 53	0 39	22 49	0 32	16 19	1 48	17 41	16 25	19 42	19 59	5 34	3 22	5 5
F 27	2 51	12 33	5 0	14 49	2 53	13 55	0 21	25 3	1 56	14 1	0 48	22 53	0 39	22 49	0 32	16 19	1 48	17 40	16 26	19 40	19 59	5 38	3 23	5 4
S 28	3 15	6 13	4 32	15 12	2 57	14 22	0 24	25 6	1 55	14 5	0 48	22 53	0 39	22 49	0 32	16 19	1 48	17 39	16 26	19 38	19 58	5 41	3 24	5 4
S 29	3 38	0s34	3 45	15 33	3 0	14 49	0 27	25 9	1 55	14 9	0 48	22 53	0 39	22 49	0 32	16 18	1 48	17 39	16 26	19 37	19 57	5 44	3 25	5 4
M30	4s 2	7s21	2n42	15s52	3s 2	15s16	0s30	25s12	1s55	14s13	0n48	22n53	0s39	22s49	0s32	16n18	1s48	17n38	16n26	19n36	19n56	5n47	3s26	5n 4

Julian Day Number = 1990490.5, Delta T = 55m12s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'22, Lahiri = 6°16'23 Julian Calendar 1 Sept. 737 == Greg. Calendar 5 Sept. 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

OCTOBER 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 51 51	11♎ 6'40	10♏26	4♏58	10♏50	21♐46	10♏24	4♋32	18♑49	20°R38	23♍31	26°R49	28♉21	22♈ 6	9°R18	T 1
W 2	0 55 47	12° 6'34	25°15	5°38	12° 3	22°30	10°37	4°33	18°49	20♉37	23°33	26°D48	28°18	22°12	9♓16	W 2
T 3	0 59 44	13° 6'30	9♐41	6°13	13°17	23°14	10°49	4°34	18°49	20°36	23°36	26♉49	28°15	22°19	9°14	T 3
F 4	1 3 40	14° 6'27	23°41	6°42	14°31	23°58	11° 2	4°35	18°50	20°34	23°38	26°50	28°11	22°26	9°12	F 4
S 5	1 7 37	15° 6'27	7♑16	7° 6	15°44	24°42	11°14	4°36	18°50	20°33	23°40	26°51	28° 8	22°32	9°10	S 5
S 6	1 11 34	16° 6'27	20°28	7°23	16°58	25°26	11°27	4°37	18°51	20°32	23°42	26°R51	28° 5	22°39	9° 7	S 6
M 7	1 15 30	17° 6'30	3♒19	7°33	18°11	26°10	11°40	4°38	18°51	20°30	23°44	26°50	28° 2	22°46	9° 5	M 7
T 8	1 19 27	18° 6'34	15°52	7°R35	19°25	26°54	11°53	4°39	18°52	20°29	23°47	26°47	27°59	22°52	9° 3	T 8
W 9	1 23 23	19° 6'40	28°13	7°28	20°38	27°38	12° 6	4°39	18°53	20°28	23°49	26°42	27°55	22°59	9° 1	W 9
T 10	1 27 20	20° 6'47	10♓22	7°12	21°52	28°22	12°19	4°40	18°53	20°26	23°51	26°36	27°52	23° 6	8°59	T 10
F 11	1 31 16	21° 6'56	22°23	6°47	23° 5	29° 7	12°31	4°40	18°54	20°25	23°53	26°29	27°49	23°12	8°58	F 11
S 12	1 35 13	22° 7'07	4♈18	6°13	24°19	29°51	12°44	4°40	18°55	20°23	23°55	26°22	27°46	23°19	8°56	S 12
S 13	1 39 9	23° 7'20	16°10	5°29	25°32	0♑36	12°57	4°R40	18°56	20°22	23°57	26°16	27°43	23°26	8°54	S 13
M14	1 43 6	24° 7'34	27°59	4°35	26°46	1°20	13°10	4°40	18°57	20°20	23°59	26°12	27°40	23°32	8°52	M14
T 15	1 47 3	25° 7'51	9♉48	3°33	27°59	2° 5	13°24	4°40	18°58	20°19	24° 2	26° 9	27°36	23°39	8°50	T 15
W16	1 50 59	26° 8'09	21°39	2°24	29°13	2°49	13°37	4°40	18°59	20°17	24° 4	26°D 8	27°33	23°46	8°49	W16
T 17	1 54 56	27° 8'29	3♊35	1° 9	0♐26	3°34	13°50	4°40	19° 0	20°16	24° 6	26° 8	27°30	23°52	8°47	T 17
F 18	1 58 52	28° 8'51	15°37	29♎50	1°39	4°19	14° 3	4°39	19° 1	20°14	24° 8	26° 9	27°27	23°59	8°46	F 18
S 19	2 2 49	29° 9'15	27°50	28°30	2°53	5° 4	14°16	4°39	19° 2	20°13	24°10	26°11	27°24	24° 6	8°44	S 19
S 20	2 6 45	0♏ 9'41	10♋18	27°12	4° 6	5°48	14°29	4°38	19° 4	20°11	24°12	26°12	27°20	24°12	8°43	S 20
M21	2 10 42	1°10'09	23° 4	25°57	5°19	6°33	14°43	4°37	19° 5	20°10	24°14	26°13	27°17	24°19	8°41	M21
T 22	2 14 38	2°10'39	6♌12	24°49	6°32	7°18	14°56	4°36	19° 6	20° 8	24°16	26°R14	27°14	24°26	8°40	T 22
W23	2 18 35	3°11'11	19°46	23°49	7°46	8° 3	15° 9	4°35	19° 8	20° 6	24°18	26°13	27°11	24°32	8°38	W23
T 24	2 22 32	4°11'45	3♍46	22°59	8°59	8°48	15°23	4°34	19° 9	20° 5	24°20	26°11	27° 8	24°39	8°37	T 24
F 25	2 26 28	5°12'20	18°12	22°20	10°12	9°34	15°36	4°33	19°11	20° 3	24°21	26° 8	27° 5	24°46	8°36	F 25
S 26	2 30 25	6°12'58	3♎ 1	21°52	11°25	10°19	15°49	4°32	19°12	20° 2	24°23	26° 5	27° 1	24°52	8°35	S 26
S 27	2 34 21	7°13'37	18° 7	21°36	12°38	11° 4	16° 3	4°30	19°14	20° 0	24°25	26° 3	26°58	24°59	8°34	S 27
M28	2 38 18	8°14'17	3♏19	21°D32	13°51	11°49	16°16	4°28	19°15	19°58	24°27	26° 1	26°55	25° 6	8°33	M28
T 29	2 42 14	9°15'00	18°30	21°39	15° 4	12°34	16°29	4°27	19°17	19°57	24°29	26° 0	26°52	25°12	8°31	T 29
W30	2 46 11	10°15'44	3♐28	21°56	16°18	13°20	16°43	4°25	19°19	19°55	24°31	26°D 0	26°49	25°19	8°31	W30
T 31	2 50 7	11♏16'29	18♐ 7	22♎22	17♐31	14♑ 5	16♏56	4♋23	19♑20	19♉53	24♍32	26♉ 1	26♉46	25♈26	8♓30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s26	13s40	1n27	16s 9	3s 4	15s42	0s33	25s15	1s54	14s17	0n48	22n53	0s39	22s48	0s32	16n18	1s48	17n37	16n26	19n35	19n56	5n50	3s27	5n 4
W 2	4 49	19 4	0 8	16 23	3 5	16 7	0 36	25 17	1 54	14 21	0 47	22 53	0 39	22 48	0 32	16 17	1 48	17 36	16 26	19 35	19 55	5 53	3 28	5 3
T 3	5 13	23 12	1s 9	16 36	3 5	16 33	0 39	25 19	1 53	14 25	0 47	22 53	0 38	22 48	0 32	16 17	1 48	17 36	16 27	19 35	19 54	5 56	3 29	5 3
F 4	5 36	25 48	2 21	16 45	3 5	16 58	0 41	25 21	1 53	14 30	0 47	22 53	0 38	22 48	0 32	16 17	1 48	17 35	16 27	19 35	19 54	6 0	3 30	5 3
S 5	5 59	26 46	3 22	16 51	3 3	17 22	0 44	25 22	1 53	14 34	0 47	22 53	0 38	22 48	0 32	16 16	1 48	17 34	16 27	19 35	19 53	6 3	3 31	5 3
S 6	6 23	26 9	4 10	16 54	3 0	17 46	0 47	25 23	1 52	14 38	0 47	22 53	0 38	22 48	0 32	16 16	1 48	17 33	16 27	19 35	19 52	6 6	3 32	5 2
M 7	6 46	24 10	4 45	16 54	2 56	18 10	0 50	25 24	1 52	14 42	0 47	22 53	0 38	22 48	0 32	16 16	1 48	17 33	16 28	19 35	19 51	6 9	3 33	5 2
T 8	7 9	21 2	5 5	16 49	2 51	18 33	0 53	25 25	1 51	14 46	0 47	22 53	0 38	22 48	0 32	16 15	1 48	17 32	16 28	19 34	19 51	6 12	3 34	5 2
W 9	7 32	17 1	5 10	16 41	2 44	18 56	0 56	25 26	1 51	14 50	0 47	22 53	0 38	22 48	0 32	16 15	1 48	17 32	16 28	19 33	19 50	6 15	3 35	5 2
T 10	7 55	12 23	5 2	16 28	2 36	19 18	0 58	25 26	1 50	14 54	0 46	22 53	0 38	22 48	0 32	16 14	1 48	17 31	16 28	19 32	19 49	6 18	3 36	5 2
F 11	8 18	7 19	4 40	16 10	2 26	19 40	1 1	25 26	1 50	14 58	0 46	22 53	0 38	22 47	0 32	16 14	1 48	17 30	16 29	19 30	19 49	6 22	3 37	5 1
S 12	8 40	2 2	4 6	15 47	2 14	20 1	1 4	25 26	1 49	15 2	0 46	22 53	0 38	22 47	0 32	16 14	1 48	17 30	16 29	19 29	19 48	6 25	3 38	5 1
S 13	9 3	3n18	3 21	15 20	2 1	20 21	1 7	25 25	1 49	15 6	0 46	22 53	0 38	22 47	0 32	16 13	1 48	17 29	16 29	19 27	19 47	6 28	3 39	5 1
M14	9 25	8 32	2 28	14 47	1 45	20 42	1 9	25 24	1 48	15 10	0 46	22 53	0 38	22 47	0 32	16 13	1 49	17 29	16 29	19 26	19 46	6 31	3 39	5 1
T 15	9 47	13 27	1 28	14 10	1 28	21 1	1 12	25 23	1 48	15 14	0 46	22 53	0 38	22 47	0 32	16 12	1 49	17 28	16 30	19 25	19 46	6 34	3 40	5 0
W16	10 10	17 55	0 25	13 29	1 10	21 20	1 15	25 22	1 47	15 18	0 46	22 53	0 38	22 47	0 32	16 12	1 49	17 27	16 30	19 25	19 45	6 37	3 41	5 0
T 17	10 31	21 41	0n41	12 45	0 51	21 38	1 17	25 20	1 47	15 22	0 46	22 53	0 38	22 46	0 32	16 11	1 49	17 27	16 30	19 25	19 44	6 40	3 42	5 0
F 18	10 53	24 34	1 45	11 58	0 30	21 56	1 20	25 18	1 46	15 26	0 46	22 53	0 38	22 46	0 32	16 11	1 49	17 26	16 31	19 25	19 43	6 44	3 43	4 59
S 19	11 15	26 21	2 46	11 10	0 10	22 14	1 22	25 16	1 46	15 30	0 45	22 53	0 38	22 46	0 32	16 11	1 49	17 26	16 31	19 26	19 43	6 47	3 44	4 59
S 20	11 36	26 51	3 40	10 22	0n11	22 30	1 25	25 14	1 45	15 34	0 45	22 53	0 38	22 46	0 32	16 10	1 49	17 25	16 31	19 26	19 42	6 50	3 45	4 59
M21	11 58	25 57	4 24	9 36	0 31	22 46	1 27	25 11	1 45	15 38	0 45	22 53	0 38	22 46	0 32	16 10	1 49	17 25	16 32	19 26	19 41	6 53	3 45	4 59
T 22	12 19	23 38	4 56	8 54	0 50	23 1	1 30	25 8	1 44	15 42	0 45	22 54	0 38	22 46	0 32	16 9	1 49	17 24	16 32	19 26	19 41	6 56	3 46	4 58
W23	12 40	19 56	5 13	8 15	1 8	23 16	1 32	25 5	1 43	15 46	0 45	22 54	0 38	22 45	0 32	16 9	1 49	17 24	16 32	19 26	19 40	6 59	3 47	4 58
T 24	13 0	15 2	5 13	7 41	1 24	23 30	1 34	25 1	1 43	15 50	0 45	22 54	0 38	22 45	0 32	16 8	1 49	17 23	16 33	19 26	19 39	7 2	3 48	4 58
F 25	13 21	9 10	4 52	7 14	1 38	23 44	1 37	24 57	1 42	15 54	0 45	22 54	0 38	22 45	0 32	16 8	1 49	17 23	16 33	19 25	19 38	7 5	3 48	4 58
S 26	13 41	2 39	4 12	6 52	1 51	23 56	1 39	24 53	1 42	15 58	0 45	22 54	0 38	22 45	0 32	16 7	1 49	17 23	16 33	19 25	19 38	7 9	3 49	4 57
S 27	14 1	4s 9	3 14	6 37	2 1	24 8	1 41	24 49	1 41	16 2	0 45	22 54	0 38	22 44	0 32	16 7	1 49	17 22	16 34	19 24	19 37	7 12	3 50	4 57
M28	14 21	10 48	2 2	6 27	2 10	24 20	1 43	24 45	1 41	16 6	0 45	22 54	0 38	22 44	0 32	16 7	1 49	17 22	16 34	19 23	19 36	7 15	3 50	4 57
T 29	14 41	16 47	0 41	6 23	2 16	24 30	1 45	24 40	1 40	16 10	0 45	22 54	0 38	22 44	0 32	16 6	1 49	17 22	16 35	19 23	19 35	7 18	3 51	4 56
W30	15 0	21 40	0s41	6 25	2 21	24 40	1 47	24 35	1 39	16 14	0 44	22 54	0 38	22 44	0 32	16 6	1 49	17 21	16 35	19 23	19 35	7 21	3 52	4 56
T 31	15s19	25s 3	2s 0	6s32	2n24	24s49	1s49	24s29	1s39	16s18	0n44	22n54	0s38	22s43	0s32	16n 5	1s49	17n21	16n35	19n23	19n34	7n24	3s52	4n56

Julian Day Number = 1990520.5, Delta T = 55m11s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'26, Lahiri = 6°16'27 Julian Calendar 1 Oct. 737 == Greg. Calendar 5 Oct. 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

NOVEMBER 737 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 54 4	12♏17'15	2♑21	22♎57	18♐43	14♑51	17♏10	4°R21	19♑22	19°R52	24♍34	26♉ 2	26♉42	25♈32	8°R29	F 1
S 2	2 58 1	13°18'03	16° 8	23°40	19°56	15°36	17°23	4♋19	19°24	19♉50	24°36	26° 3	26°39	25°39	8♓28	S 2
S 3	3 1 57	14°18'51	29°28	24°29	21° 9	16°22	17°37	4°17	19°26	19°48	24°38	26° 4	26°36	25°46	8°27	S 3
M 4	3 5 54	15°19'41	12♒23	25°24	22°22	17° 7	17°50	4°14	19°28	19°47	24°39	26°R 4	26°33	25°52	8°26	M 4
T 5	3 9 50	16°20'32	24°57	26°24	23°35	17°53	18° 4	4°12	19°30	19°45	24°41	26° 4	26°30	25°59	8°26	T 5
W 6	3 13 47	17°21'23	7♓14	27°29	24°48	18°38	18°17	4°10	19°32	19°43	24°42	26° 4	26°26	26° 6	8°25	W 6
T 7	3 17 43	18°22'15	19°18	28°38	26° 0	19°24	18°31	4° 7	19°34	19°41	24°44	26° 3	26°23	26°12	8°25	T 7
F 8	3 21 40	19°23'09	1♈14	29°50	27°13	20° 9	18°44	4° 4	19°36	19°40	24°46	26° 2	26°20	26°19	8°24	F 8
S 9	3 25 36	20°24'03	13° 4	1♏ 5	28°26	20°55	18°58	4° 1	19°38	19°38	24°47	26° 1	26°17	26°26	8°24	S 9
S 10	3 29 33	21°24'58	24°53	2°23	29°38	21°41	19°11	3°58	19°40	19°36	24°49	26° 0	26°14	26°32	8°23	S 10
M11	3 33 30	22°25'55	6♉43	3°43	0♑51	22°26	19°25	3°55	19°43	19°35	24°50	26° 0	26°11	26°39	8°23	M11
T 12	3 37 26	23°26'52	18°36	5° 4	2° 3	23°12	19°38	3°52	19°45	19°33	24°52	26° 0	26° 7	26°46	8°23	T 12
W13	3 41 23	24°27'50	0♊34	6°27	3°16	23°58	19°52	3°49	19°47	19°31	24°53	25°D59	26° 4	26°52	8°23	W13
T 14	3 45 19	25°28'50	12°40	7°52	4°28	24°44	20° 5	3°46	19°50	19°30	24°54	26°R 0	26° 1	26°59	8°23	T 14
F 15	3 49 16	26°29'50	24°55	9°17	5°40	25°29	20°19	3°43	19°52	19°28	24°56	26° 0	25°58	27° 6	8°22	F 15
S 16	3 53 12	27°30'52	7♋21	10°44	6°53	26°15	20°32	3°39	19°54	19°26	24°57	25°59	25°55	27°12	8°D22	S 16
S 17	3 57 9	28°31'55	19°59	12°11	8° 5	27° 1	20°45	3°36	19°57	19°24	24°58	25°59	25°52	27°19	8°22	S 17
M18	4 1 5	29°32'58	2♌52	13°39	9°17	27°47	20°59	3°32	19°59	19°23	25° 0	25°59	25°48	27°26	8°23	M18
T 19	4 5 2	0♐34'03	16° 3	15° 8	10°29	28°33	21°12	3°28	20° 2	19°21	25° 1	25°58	25°45	27°32	8°23	T 19
W20	4 8 59	1°35'09	29°32	16°37	11°41	29°19	21°26	3°25	20° 5	19°19	25° 2	25°D58	25°42	27°39	8°23	W20
T 21	4 12 55	2°36'16	13♍20	18° 7	12°53	0♒ 4	21°39	3°21	20° 7	19°18	25° 3	25°58	25°39	27°46	8°23	T 21
F 22	4 16 52	3°37'23	27°29	19°37	14° 5	0°50	21°53	3°17	20°10	19°16	25° 5	25°59	25°36	27°52	8°23	F 22
S 23	4 20 48	4°38'32	11♎57	21° 8	15°17	1°36	22° 6	3°13	20°13	19°15	25° 6	26° 0	25°32	27°59	8°24	S 23
S 24	4 24 45	5°39'42	26°40	22°38	16°28	2°22	22°19	3° 9	20°15	19°13	25° 7	26° 0	25°29	28° 6	8°24	S 24
M25	4 28 41	6°40'52	11♏33	24°10	17°40	3° 8	22°33	3° 5	20°18	19°11	25° 8	26° 1	25°26	28°12	8°25	M25
T 26	4 32 38	7°42'04	26°28	25°41	18°52	3°54	22°46	3° 0	20°21	19°10	25° 9	26°R 1	25°23	28°19	8°25	T 26
W27	4 36 34	8°43'15	11♐19	27°13	20° 3	4°40	22°59	2°56	20°24	19° 8	25°10	26° 1	25°20	28°26	8°26	W27
T 28	4 40 31	9°44'28	25°57	28°44	21°14	5°26	23°12	2°52	20°26	19° 7	25°11	26° 0	25°17	28°32	8°27	T 28
F 29	4 44 28	10°45'41	10♑15	0♐17	22°26	6°12	23°26	2°47	20°29	19° 5	25°12	25°58	25°13	28°39	8°27	F 29
S 30	4 48 24	11♐46'54	24♑ 9	1♐49	23♑37	6♒58	23♏39	2♋43	20♑32	19♉ 3	25♍13	25♉56	25♉10	28♈46	8♓28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	15s38	26s43	3s 8	6s43	2n26	24s58	1s51	24s24	1s38	16s22	0n44	22n54	0s37	22s43	0s32	16n 5	1s49	17n21	16n36	19n24	19n33	7n27	3s53	4n55	F 1
S 2	15 56	26 39	4 3	6 58	2 27	25 6	1 53	24 18	1 37	16 26	0 44	22 55	0 37	22 43	0 32	16 4	1 49	17 20	16 36	19 24	19 32	7 31	3 53	4 55	S 2
S 3	16 15	25 1	4 44	7 17	2 27	25 13	1 55	24 12	1 37	16 30	0 44	22 55	0 37	22 42	0 32	16 4	1 49	17 20	16 37	19 24	19 32	7 34	3 54	4 55	S 3
M 4	16 33	22 8	5 8	7 38	2 25	25 19	1 56	24 5	1 36	16 34	0 44	22 55	0 37	22 42	0 32	16 3	1 49	17 20	16 37	19 24	19 31	7 37	3 55	4 55	M 4
T 5	16 50	18 16	5 17	8 2	2 23	25 25	1 58	23 59	1 35	16 37	0 44	22 55	0 37	22 42	0 32	16 3	1 49	17 19	16 38	19 24	19 30	7 40	3 55	4 54	T 5
W 6	17 8	13 43	5 11	8 29	2 20	25 29	1 59	23 52	1 35	16 41	0 44	22 55	0 37	22 42	0 32	16 2	1 49	17 19	16 38	19 24	19 29	7 43	3 56	4 54	W 6
T 7	17 25	8 43	4 52	8 57	2 16	25 33	2 1	23 45	1 34	16 45	0 44	22 55	0 37	22 41	0 32	16 2	1 49	17 19	16 39	19 24	19 29	7 46	3 56	4 54	T 7
F 8	17 42	3 28	4 19	9 27	2 11	25 37	2 2	23 37	1 33	16 49	0 44	22 55	0 37	22 41	0 32	16 2	1 49	17 19	16 39	19 24	19 28	7 49	3 57	4 53	F 8
S 9	17 58	1n53	3 37	9 57	2 6	25 39	2 3	23 29	1 33	16 53	0 44	22 55	0 37	22 41	0 32	16 1	1 49	17 19	16 40	19 23	19 27	7 52	3 57	4 53	S 9
S 10	18 14	7 9	2 44	10 29	2 1	25 41	2 5	23 22	1 32	16 56	0 44	22 56	0 37	22 40	0 32	16 1	1 49	17 18	16 40	19 23	19 27	7 56	3 57	4 53	S 10
M11	18 30	12 12	1 45	11 2	1 55	25 42	2 6	23 13	1 31	17 0	0 44	22 56	0 37	22 40	0 32	16 0	1 49	17 18	16 40	19 23	19 26	7 59	3 58	4 52	M11
T 12	18 46	16 49	0 41	11 35	1 49	25 42	2 7	23 5	1 31	17 4	0 43	22 56	0 37	22 40	0 32	16 0	1 49	17 18	16 41	19 23	19 25	8 2	3 58	4 52	T 12
W13	19 1	20 50	0n25	12 9	1 43	25 42	2 8	22 56	1 30	17 8	0 43	22 56	0 37	22 39	0 32	15 59	1 49	17 18	16 41	19 23	19 24	8 5	3 59	4 52	W13
T 14	19 16	23 59	1 31	12 42	1 36	25 40	2 9	22 47	1 29	17 11	0 43	22 56	0 37	22 39	0 31	15 59	1 49	17 18	16 42	19 23	19 23	8 8	3 59	4 51	T 14
F 15	19 30	26 4	2 34	13 16	1 30	25 38	2 10	22 38	1 29	17 15	0 43	22 56	0 37	22 38	0 31	15 58	1 49	17 18	16 42	19 23	19 23	8 11	3 59	4 51	F 15
S 16	19 44	26 54	3 30	13 50	1 23	25 35	2 10	22 29	1 28	17 19	0 43	22 57	0 37	22 38	0 31	15 58	1 49	17 18	16 43	19 23	19 22	8 14	4 0	4 51	S 16
S 17	19 58	26 21	4 17	14 24	1 16	25 32	2 11	22 19	1 27	17 22	0 43	22 57	0 37	22 38	0 31	15 58	1 49	17 18	16 43	19 23	19 21	8 17	4 0	4 50	S 17
M18	20 12	24 23	4 52	14 57	1 9	25 28	2 11	22 9	1 26	17 26	0 43	22 57	0 37	22 37	0 31	15 57	1 49	17 18	16 44	19 23	19 20	8 21	4 0	4 50	M18
T 19	20 25	21 6	5 13	15 30	1 2	25 23	2 12	21 59	1 26	17 30	0 43	22 57	0 36	22 37	0 31	15 57	1 49	17 18	16 45	19 23	19 20	8 24	4 0	4 50	T 19
W20	20 37	16 39	5 17	16 3	0 54	25 17	2 12	21 49	1 25	17 33	0 43	22 57	0 36	22 37	0 31	15 56	1 49	17 18	16 45	19 23	19 19	8 27	4 1	4 49	W20
T 21	20 49	11 15	5 3	16 35	0 47	25 10	2 12	21 39	1 24	17 37	0 43	22 57	0 36	22 36	0 31	15 56	1 49	17 18	16 46	19 23	19 18	8 30	4 1	4 49	T 21
F 22	21 1	5 9	4 31	17 7	0 40	25 3	2 13	21 28	1 23	17 40	0 43	22 58	0 36	22 36	0 31	15 55	1 49	17 18	16 46	19 23	19 17	8 33	4 1	4 49	F 22
S 23	21 13	1s22	3 41	17 38	0 33	24 55	2 13	21 17	1 23	17 44	0 43	22 58	0 36	22 35	0 31	15 55	1 49	17 18	16 47	19 23	19 17	8 36	4 1	4 49	S 23
S 24	21 24	7 56	2 36	18 9	0 26	24 46	2 13	21 6	1 22	17 47	0 43	22 58	0 36	22 35	0 31	15 55	1 49	17 18	16 47	19 23	19 16	8 39	4 1	4 48	S 24
M25	21 34	14 8	1 20	18 39	0 18	24 37	2 12	20 54	1 21	17 51	0 43	22 58	0 36	22 34	0 31	15 54	1 48	17 18	16 48	19 23	19 15	8 42	4 1	4 48	M25
T 26	21 45	19 32	0s 2	19 8	0 11	24 27	2 12	20 43	1 20	17 54	0 43	22 58	0 36	22 34	0 31	15 54	1 48	17 18	16 48	19 24	19 14	8 45	4 1	4 48	T 26
W27	21 54	23 40	1 24	19 36	0 4	24 16	2 12	20 31	1 20	17 58	0 43	22 58	0 36	22 34	0 31	15 53	1 48	17 18	16 49	19 23	19 14	8 49	4 1	4 47	W27
T 28	22 4	26 11	2 38	20 4	0s 3	24 4	2 11	20 19	1 19	18 1	0 43	22 59	0 36	22 33	0 31	15 53	1 48	17 18	16 49	19 23	19 13	8 52	4 2	4 47	T 28
F 29	22 13	26 53	3 41	20 30	0 10	23 52	2 11	20 7	1 18	18 4	0 43	22 59	0 36	22 33	0 31	15 52	1 48	17 18	16 50	19 23	19 12	8 55	4 2	4 47	F 29
S 30	22s21	25s50	4s29	20s56	0s16	23s39	2s10	19s54	1s17	18s 8	0n42	22n59	0s36	22s32	0s31	15n52	1s48	17n18	16n51	19n22	19n11	8n58	4s 2	4n46	S 30

Julian Day Number = 1990551.5, Delta T = 55m10s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'31, Lahiri = 6°16'31 Julian Calendar 1 Nov. 737 == Greg. Calendar 5 Nov. 737

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ASTRODIENST EPHEMERIS for the year 737
geocentric

DECEMBER 737 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 52 21	12♐48'07	7♒38	3♐21	24♑48	7♒43	23♏52	2°R39	20♑35	19°R 2	25♍13	25°R54	25♉ 7	28♈52	8♓29	S 1
M 2	4 56 17	13°49'20	20°40	4°54	25°59	8°29	24° 5	2♋34	20°38	19♉ 0	25°14	25♉52	25° 4	28°59	8°30	M 2
T 3	5 0 14	14°50'33	3♓20	6°27	27°10	9°15	24°18	2°29	20°41	18°59	25°15	25°50	25° 1	29° 6	8°31	T 3
W 4	5 4 10	15°51'46	15°39	8° 1	28°21	10° 1	24°31	2°25	20°44	18°57	25°16	25°D50	24°58	29°12	8°32	W 4
T 5	5 8 7	16°52'59	27°44	9°34	29°32	10°47	24°44	2°20	20°47	18°56	25°17	25°50	24°54	29°19	8°33	T 5
F 6	5 12 4	17°54'12	9♈38	11° 8	0♒43	11°33	24°57	2°15	20°50	18°54	25°17	25°51	24°51	29°26	8°34	F 6
S 7	5 16 0	18°55'24	21°27	12°42	1°53	12°19	25°10	2°11	20°53	18°53	25°18	25°53	24°48	29°32	8°35	S 7
S 8	5 19 57	19°56'37	3♉15	14°16	3° 3	13° 5	25°23	2° 6	20°56	18°52	25°19	25°55	24°45	29°39	8°36	S 8
M 9	5 23 53	20°57'50	15° 7	15°51	4°14	13°51	25°36	2° 1	21° 0	18°50	25°19	25°56	24°42	29°46	8°38	M 9
T 10	5 27 50	21°59'02	27° 5	17°26	5°24	14°37	25°49	1°56	21° 3	18°49	25°20	25°R57	24°38	29°52	8°39	T 10
W11	5 31 46	23° 0'14	9♊13	19° 1	6°34	15°23	26° 2	1°51	21° 6	18°47	25°20	25°56	24°35	29°59	8°40	W11
T 12	5 35 43	24° 1'26	21°32	20°37	7°44	16° 8	26°15	1°46	21° 9	18°46	25°21	25°54	24°32	0♉ 6	8°42	T 12
F 13	5 39 39	25° 2'39	4♋ 5	22°13	8°54	16°54	26°27	1°42	21°12	18°45	25°21	25°50	24°29	0°12	8°43	F 13
S 14	5 43 36	26° 3'51	16°50	23°49	10° 3	17°40	26°40	1°37	21°16	18°44	25°22	25°45	24°26	0°19	8°45	S 14
S 15	5 47 33	27° 5'02	29°49	25°26	11°13	18°26	26°53	1°32	21°19	18°42	25°22	25°40	24°23	0°26	8°46	S 15
M16	5 51 29	28° 6'14	13♌ 2	27° 3	12°22	19°12	27° 5	1°27	21°22	18°41	25°22	25°34	24°19	0°32	8°48	M16
T 17	5 55 26	29° 7'26	26°26	28°40	13°31	19°57	27°18	1°22	21°25	18°40	25°23	25°30	24°16	0°39	8°50	T 17
W18	5 59 22	0♑ 8'37	10♍ 3	0♑18	14°40	20°43	27°30	1°17	21°29	18°39	25°23	25°27	24°13	0°45	8°51	W18
T 19	6 3 19	1° 9'49	23°51	1°57	15°49	21°29	27°43	1°12	21°32	18°37	25°23	25°25	24°10	0°52	8°53	T 19
F 20	6 7 15	2°11'00	7♎51	3°36	16°58	22°15	27°55	1° 7	21°36	18°36	25°23	25°D25	24° 7	0°59	8°55	F 20
S 21	6 11 12	3°12'12	22° 1	5°15	18° 6	23° 0	28° 7	1° 2	21°39	18°35	25°23	25°26	24° 4	1° 5	8°57	S 21
S 22	6 15 8	4°13'23	6♏19	6°55	19°14	23°46	28°19	0°57	21°42	18°34	25°23	25°27	24° 0	1°12	8°59	S 22
M23	6 19 5	5°14'34	20°45	8°35	20°22	24°32	28°32	0°52	21°46	18°33	25°24	25°R28	23°57	1°19	9° 1	M23
T 24	6 23 2	6°15'44	5♐14	10°16	21°30	25°18	28°44	0°47	21°49	18°32	25°24	25°28	23°54	1°25	9° 3	T 24
W25	6 26 58	7°16'55	19°41	11°57	22°38	26° 3	28°56	0°42	21°52	18°31	25°R24	25°26	23°51	1°32	9° 5	W25
T 26	6 30 55	8°18'05	4♑ 0	13°39	23°46	26°49	29° 8	0°37	21°56	18°30	25°24	25°21	23°48	1°39	9° 7	T 26
F 27	6 34 51	9°19'14	18° 7	15°21	24°53	27°34	29°20	0°32	21°59	18°29	25°24	25°15	23°44	1°45	9° 9	F 27
S 28	6 38 48	10°20'23	1♒56	17° 3	26° 0	28°20	29°31	0°27	22° 3	18°28	25°23	25° 7	23°41	1°52	9°11	S 28
S 29	6 42 44	11°21'30	15°24	18°46	27° 7	29° 6	29°43	0°22	22° 6	18°27	25°23	24°59	23°38	1°59	9°14	S 29
M30	6 46 41	12°22'37	28°29	20°29	28°14	29°51	29°55	0°18	22°10	18°26	25°23	24°51	23°35	2° 5	9°16	M30
T 31	6 50 38	13♑23'42	11♓11	22♑12	29♒20	0♓37	0♐ 6	0♋13	22♑13	18♉26	25♍23	24♉44	23♉32	2♉12	9♓18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s29	23s19	5s 0	21s21	0s23	23s26	2s 9	19s42	1s17	18s11	0n42	22n59	0s36	22s32	0s31	15n52	1s48	17n19	16n51	19n22	19n11	9n 1	4s 2	4n46
M 2	22 37	19 40	5 15	21 45	0 30	23 12	2 8	19 29	1 16	18 14	0 42	22 59	0 35	22 31	0 31	15 51	1 48	17 19	16 52	19 21	19 10	9 4	4 2	4 46
T 3	22 44	15 13	5 13	22 8	0 36	22 57	2 7	19 16	1 15	18 18	0 42	22 59	0 35	22 31	0 31	15 51	1 48	17 19	16 52	19 21	19 9	9 7	4 1	4 45
W 4	22 51	10 15	4 57	22 29	0 42	22 42	2 6	19 3	1 14	18 21	0 42	23 0	0 35	22 30	0 31	15 51	1 48	17 19	16 53	19 21	19 8	9 10	4 1	4 45
T 5	22 57	5 0	4 29	22 50	0 48	22 26	2 5	18 49	1 13	18 24	0 42	23 0	0 35	22 30	0 31	15 50	1 48	17 19	16 53	19 21	19 7	9 13	4 1	4 45
F 6	23 3	0n21	3 48	23 10	0 54	22 9	2 4	18 36	1 13	18 27	0 42	23 0	0 35	22 29	0 31	15 50	1 48	17 20	16 54	19 21	19 7	9 17	4 1	4 44
S 7	23 8	5 39	2 59	23 28	1 0	21 52	2 2	18 22	1 12	18 30	0 42	23 0	0 35	22 29	0 31	15 49	1 48	17 20	16 55	19 22	19 6	9 20	4 1	4 44
S 8	23 13	10 47	2 2	23 46	1 6	21 34	2 1	18 8	1 11	18 34	0 42	23 0	0 35	22 28	0 31	15 49	1 48	17 20	16 55	19 22	19 5	9 23	4 1	4 44
M 9	23 18	15 32	0 59	24 2	1 11	21 16	1 59	17 54	1 10	18 37	0 42	23 0	0 35	22 28	0 31	15 49	1 48	17 21	16 56	19 22	19 4	9 26	4 1	4 44
T 10	23 22	19 45	0n 6	24 17	1 17	20 57	1 57	17 40	1 9	18 40	0 42	23 1	0 35	22 27	0 31	15 48	1 48	17 21	16 56	19 23	19 4	9 29	4 0	4 43
W11	23 25	23 10	1 12	24 30	1 22	20 37	1 55	17 26	1 9	18 43	0 42	23 1	0 35	22 27	0 31	15 48	1 48	17 21	16 57	19 22	19 3	9 32	4 0	4 43
T 12	23 28	25 36	2 16	24 42	1 27	20 17	1 53	17 11	1 8	18 46	0 42	23 1	0 35	22 26	0 31	15 48	1 48	17 22	16 57	19 22	19 2	9 35	4 0	4 43
F 13	23 31	26 46	3 14	24 53	1 31	19 57	1 51	16 56	1 7	18 49	0 42	23 1	0 34	22 26	0 31	15 47	1 48	17 22	16 58	19 21	19 1	9 38	4 0	4 42
S 14	23 33	26 33	4 3	25 3	1 36	19 36	1 49	16 42	1 6	18 52	0 42	23 1	0 34	22 25	0 31	15 47	1 48	17 22	16 59	19 20	19 0	9 41	3 59	4 42
S 15	23 34	24 54	4 41	25 11	1 40	19 14	1 47	16 27	1 5	18 55	0 42	23 1	0 34	22 25	0 31	15 47	1 48	17 23	16 59	19 18	19 0	9 44	3 59	4 42
M16	23 35	21 53	5 5	25 18	1 44	18 52	1 44	16 11	1 5	18 58	0 42	23 2	0 34	22 24	0 31	15 47	1 48	17 23	17 0	19 17	18 59	9 47	3 59	4 41
T 17	23 36	17 40	5 12	25 23	1 47	18 30	1 42	15 56	1 4	19 1	0 42	23 2	0 34	22 24	0 31	15 46	1 48	17 23	17 0	19 16	18 58	9 51	3 58	4 41
W18	23 36	12 30	5 2	25 27	1 50	18 7	1 39	15 41	1 3	19 3	0 42	23 2	0 34	22 23	0 31	15 46	1 48	17 24	17 1	19 15	18 57	9 54	3 58	4 41
T 19	23 36	6 39	4 34	25 29	1 53	17 44	1 36	15 25	1 2	19 6	0 42	23 2	0 34	22 23	0 31	15 46	1 48	17 24	17 2	19 15	18 57	9 57	3 58	4 41
F 20	23 35	0 24	3 51	25 29	1 56	17 20	1 33	15 9	1 1	19 9	0 42	23 2	0 34	22 22	0 31	15 45	1 48	17 25	17 2	19 15	18 56	10 0	3 57	4 40
S 21	23 34	5s58	2 52	25 28	1 58	16 56	1 30	14 54	1 1	19 12	0 42	23 2	0 34	22 22	0 31	15 45	1 48	17 25	17 3	19 15	18 55	10 3	3 57	4 40
S 22	23 32	12 7	1 42	25 26	2 0	16 32	1 27	14 38	1 0	19 15	0 42	23 3	0 34	22 21	0 31	15 45	1 47	17 26	17 3	19 15	18 54	10 6	3 56	4 40
M23	23 30	17 39	0 26	25 21	2 2	16 7	1 23	14 22	0 59	19 17	0 42	23 3	0 33	22 21	0 31	15 45	1 47	17 26	17 4	19 16	18 53	10 9	3 56	4 40
T 24	23 27	22 11	0s53	25 15	2 3	15 42	1 20	14 5	0 58	19 20	0 42	23 3	0 33	22 20	0 31	15 44	1 47	17 27	17 5	19 16	18 53	10 12	3 55	4 39
W25	23 24	25 19	2 8	25 7	2 4	15 16	1 16	13 49	0 57	19 23	0 42	23 3	0 33	22 20	0 31	15 44	1 47	17 27	17 5	19 15	18 52	10 15	3 55	4 39
T 26	23 21	26 46	3 13	24 58	2 5	14 50	1 13	13 33	0 57	19 25	0 42	23 3	0 33	22 19	0 31	15 44	1 47	17 28	17 6	19 14	18 51	10 18	3 54	4 39
F 27	23 16	26 26	4 6	24 47	2 5	14 24	1 9	13 16	0 56	19 28	0 42	23 3	0 33	22 18	0 31	15 44	1 47	17 28	17 6	19 12	18 50	10 21	3 54	4 38
S 28	23 12	24 28	4 44	24 34	2 4	13 57	1 5	12 59	0 55	19 30	0 42	23 3	0 33	22 18	0 31	15 44	1 47	17 29	17 7	19 11	18 49	10 24	3 53	4 38
S 29	23 7	21 9	5 4	24 19	2 3	13 31	1 1	12 43	0 54	19 33	0 42	23 4	0 33	22 17	0 31	15 43	1 47	17 30	17 7	19 9	18 49	10 27	3 52	4 38
M30	23 1	16 53	5 7	24 2	2 2	13 4	0 57	12 26	0 53	19 35	0 42	23 4	0 33	22 17	0 31	15 43	1 47	17 30	17 8	19 7	18 48	10 31	3 52	4 38
T 31	22s55	11s58	4s56	23s44	2s 0	12s36	0s53	12s 9	0s52	19s38	0n42	23n 4	0s32	22s16	0s31	15n43	1s47	17n31	17n 9	19n 5	18n47	10n34	3s51	4n37

Julian Day Number = 1990581.5, Delta T = 55m09s
Ecliptic obliquity = 23°36'13, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'35, Lahiri = 6°16'35 Julian Calendar 1 Dec. 737 == Greg. Calendar 5 Dec. 737

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ASTRODIENST EPHEMERIS for the year 738
geocentric

JANUARY 738 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 54 34	14♉24'47	23♓34	23♉56	0♓27	1♓22	0♐18	0°R 8	22♉17	18°R25	25°R23	24°R40	23♉29	2♉19	9♓21	W 1
T 2	6 58 31	15°25'50	5♈40	25°39	1°33	2° 8	0°29	0♋ 3	22°20	18♉24	25♍23	24♉37	23°25	2°25	9°23	T 2
F 3	7 2 27	16°26'52	17°36	27°23	2°38	2°53	0°41	29♊59	22°24	18°23	25°22	24°D37	23°22	2°32	9°26	F 3
S 4	7 6 24	17°27'53	29°25	29° 6	3°44	3°39	0°52	29°54	22°27	18°23	25°22	24°37	23°19	2°39	9°28	S 4
S 5	7 10 20	18°28'53	11♉13	0♒49	4°49	4°24	1° 3	29°50	22°31	18°22	25°22	24°38	23°16	2°45	9°31	S 5
M 6	7 14 17	19°29'51	23° 6	2°31	5°54	5° 9	1°14	29°45	22°34	18°21	25°21	24°R39	23°13	2°52	9°33	M 6
T 7	7 18 13	20°30'49	5♊ 8	4°12	6°58	5°55	1°25	29°41	22°38	18°21	25°21	24°39	23°10	2°59	9°36	T 7
W 8	7 22 10	21°31'45	17°23	5°52	8° 2	6°40	1°36	29°36	22°41	18°20	25°20	24°36	23° 6	3° 5	9°38	W 8
T 9	7 26 7	22°32'39	29°54	7°31	9° 6	7°25	1°47	29°32	22°45	18°19	25°20	24°31	23° 3	3°12	9°41	T 9
F 10	7 30 3	23°33'33	12♋43	9° 8	10°10	8°10	1°58	29°27	22°48	18°19	25°19	24°23	23° 0	3°19	9°44	F 10
S 11	7 34 0	24°34'25	25°51	10°43	11°13	8°56	2° 9	29°23	22°52	18°18	25°19	24°13	22°57	3°25	9°47	S 11
S 12	7 37 56	25°35'16	9♌15	12°14	12°16	9°41	2°19	29°19	22°55	18°18	25°18	24° 2	22°54	3°32	9°50	S 12
M13	7 41 53	26°36'06	22°54	13°43	13°19	10°26	2°30	29°15	22°59	18°18	25°17	23°51	22°50	3°39	9°52	M13
T 14	7 45 49	27°36'55	6♍43	15° 7	14°21	11°11	2°40	29°11	23° 2	18°17	25°17	23°42	22°47	3°45	9°55	T 14
W15	7 49 46	28°37'42	20°41	16°27	15°23	11°56	2°50	29° 7	23° 6	18°17	25°16	23°34	22°44	3°52	9°58	W15
T 16	7 53 42	29°38'29	4♎43	17°41	16°24	12°41	3° 1	29° 3	23° 9	18°16	25°15	23°29	22°41	3°59	10° 1	T 16
F 17	7 57 39	0♒39'14	18°47	18°50	17°25	13°26	3°11	28°59	23°13	18°16	25°15	23°26	22°38	4° 5	10° 4	F 17
S 18	8 1 36	1°39'58	2♏53	19°51	18°25	14°11	3°21	28°55	23°16	18°16	25°14	23°D26	22°35	4°12	10° 7	S 18
S 19	8 5 32	2°40'41	16°58	20°45	19°26	14°56	3°31	28°51	23°20	18°16	25°13	23°R26	22°31	4°18	10°10	S 19
M20	8 9 29	3°41'23	1♐ 3	21°31	20°25	15°41	3°40	28°48	23°23	18°16	25°12	23°26	22°28	4°25	10°13	M20
T 21	8 13 25	4°42'04	15° 6	22° 8	21°24	16°26	3°50	28°44	23°27	18°15	25°11	23°24	22°25	4°32	10°16	T 21
W22	8 17 22	5°42'44	29° 5	22°35	22°23	17°11	4° 0	28°41	23°30	18°15	25°10	23°20	22°22	4°38	10°19	W22
T 23	8 21 18	6°43'22	12♑57	22°52	23°21	17°55	4° 9	28°37	23°34	18°15	25° 9	23°12	22°19	4°45	10°23	T 23
F 24	8 25 15	7°43'59	26°40	22°R59	24°19	18°40	4°18	28°34	23°37	18°15	25° 8	23° 2	22°16	4°52	10°26	F 24
S 25	8 29 11	8°44'35	10♒11	22°55	25°16	19°25	4°28	28°31	23°41	18°D15	25° 7	22°50	22°12	4°58	10°29	S 25
S 26	8 33 8	9°45'08	23°25	22°41	26°13	20°10	4°37	28°28	23°44	18°15	25° 6	22°37	22° 9	5° 5	10°32	S 26
M27	8 37 5	10°45'40	6♓22	22°17	27° 9	20°54	4°46	28°25	23°47	18°15	25° 5	22°24	22° 6	5°12	10°36	M27
T 28	8 41 1	11°46'10	19° 0	21°44	28° 5	21°39	4°55	28°22	23°51	18°15	25° 4	22°13	22° 3	5°18	10°39	T 28
W29	8 44 58	12°46'39	1♈21	21° 2	28°59	22°23	5° 3	28°19	23°54	18°15	25° 3	22° 4	22° 0	5°25	10°42	W29
T 30	8 48 54	13°47'05	13°27	20°13	29°54	23° 8	5°12	28°16	23°57	18°16	25° 2	21°58	21°56	5°32	10°45	T 30
F 31	8 52 51	14♒47'29	25♈22	19♒17	0♈47	23♓52	5♐20	28♊14	24♉ 1	18♉16	25♍ 1	21♉55	21♉53	5♉38	10♓49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s49	6s42	4s30	23s23	1s57	12s 9	0s48	11s52	0s52	19s40	0n42	23n 4	0s32	22s16	0s31	15n43	1s47	17n31	17n 9	19n 4	18n46	10n37	3s50	4n37
T 2	22 42	1 17	3 53	23 1	1 54	11 41	0 44	11 35	0 51	19 43	0 42	23 4	0 32	22 15	0 31	15 43	1 47	17 32	17 10	19 3	18 45	10 40	3 50	4 37
F 3	22 35	4n 5	3 6	22 37	1 50	11 13	0 39	11 17	0 50	19 45	0 42	23 4	0 32	22 14	0 31	15 43	1 47	17 33	17 10	19 3	18 45	10 43	3 49	4 37
S 4	22 27	9 17	2 12	22 12	1 46	10 45	0 35	11 0	0 49	19 48	0 42	23 4	0 32	22 14	0 31	15 42	1 47	17 33	17 11	19 3	18 44	10 46	3 48	4 36
S 5	22 19	14 10	1 12	21 45	1 40	10 16	0 30	10 43	0 48	19 50	0 42	23 4	0 32	22 13	0 31	15 42	1 47	17 34	17 11	19 4	18 43	10 49	3 48	4 36
M 6	22 11	18 32	0 8	21 16	1 34	9 48	0 25	10 25	0 48	19 52	0 42	23 5	0 32	22 13	0 31	15 42	1 47	17 35	17 12	19 4	18 42	10 52	3 47	4 36
T 7	22 2	22 13	0n56	20 46	1 28	9 19	0 20	10 8	0 47	19 54	0 42	23 5	0 32	22 12	0 31	15 42	1 47	17 35	17 13	19 4	18 41	10 55	3 46	4 36
W 8	21 52	24 58	1 59	20 14	1 20	8 50	0 15	9 50	0 46	19 57	0 42	23 5	0 31	22 12	0 31	15 42	1 47	17 36	17 13	19 3	18 41	10 58	3 45	4 35
T 9	21 42	26 33	2 57	19 41	1 12	8 21	0 9	9 32	0 45	19 59	0 42	23 5	0 31	22 11	0 31	15 42	1 46	17 37	17 14	19 2	18 40	11 1	3 45	4 35
F 10	21 32	26 46	3 48	19 7	1 3	7 52	0 4	9 15	0 44	20 1	0 42	23 5	0 31	22 10	0 31	15 42	1 46	17 37	17 14	19 0	18 39	11 4	3 44	4 35
S 11	21 21	25 30	4 28	18 32	0 54	7 23	0n 2	8 57	0 43	20 3	0 42	23 5	0 31	22 10	0 31	15 42	1 46	17 38	17 15	18 57	18 38	11 7	3 43	4 35
S 12	21 10	22 46	4 53	17 56	0 43	6 54	0 7	8 39	0 43	20 5	0 42	23 5	0 31	22 9	0 31	15 42	1 46	17 39	17 15	18 55	18 37	11 10	3 42	4 35
M13	20 59	18 45	5 3	17 19	0 31	6 24	0 13	8 21	0 42	20 7	0 42	23 5	0 31	22 9	0 31	15 42	1 46	17 39	17 16	18 52	18 37	11 13	3 41	4 34
T 14	20 47	13 40	4 56	16 43	0 19	5 55	0 19	8 3	0 41	20 9	0 42	23 5	0 31	22 8	0 31	15 42	1 46	17 40	17 16	18 49	18 36	11 16	3 40	4 34
W15	20 35	7 51	4 30	16 7	0 6	5 25	0 25	7 45	0 40	20 11	0 42	23 6	0 30	22 7	0 31	15 41	1 46	17 41	17 17	18 48	18 35	11 19	3 39	4 34
T 16	20 22	1 37	3 49	15 31	0n 8	4 56	0 31	7 27	0 39	20 13	0 42	23 6	0 30	22 7	0 31	15 41	1 46	17 42	17 17	18 46	18 34	11 22	3 38	4 34
F 17	20 9	4s44	2 53	14 56	0 23	4 26	0 37	7 9	0 39	20 15	0 42	23 6	0 30	22 6	0 31	15 41	1 46	17 43	17 18	18 46	18 33	11 25	3 38	4 33
S 18	19 56	10 53	1 47	14 22	0 38	3 57	0 43	6 51	0 38	20 17	0 42	23 6	0 30	22 6	0 31	15 41	1 46	17 43	17 18	18 45	18 32	11 29	3 37	4 33
S 19	19 42	16 28	0 34	13 50	0 54	3 27	0 49	6 33	0 37	20 19	0 42	23 6	0 30	22 5	0 31	15 41	1 46	17 44	17 19	18 46	18 32	11 32	3 36	4 33
M20	19 28	21 10	0s40	13 20	1 10	2 58	0 56	6 14	0 36	20 21	0 42	23 6	0 30	22 5	0 31	15 41	1 46	17 45	17 19	18 46	18 31	11 35	3 35	4 33
T 21	19 13	24 37	1 52	12 52	1 26	2 28	1 2	5 56	0 35	20 23	0 42	23 6	0 30	22 4	0 31	15 41	1 46	17 46	17 20	18 45	18 30	11 38	3 34	4 33
W22	18 58	26 33	2 57	12 28	1 43	1 59	1 9	5 38	0 35	20 24	0 42	23 6	0 29	22 3	0 31	15 41	1 46	17 46	17 20	18 44	18 29	11 41	3 33	4 33
T 23	18 43	26 48	3 51	12 6	1 59	1 30	1 16	5 19	0 34	20 26	0 42	23 6	0 29	22 3	0 31	15 42	1 46	17 47	17 21	18 42	18 28	11 44	3 32	4 32
F 24	18 28	25 23	4 30	11 49	2 16	1 0	1 23	5 1	0 33	20 28	0 42	23 7	0 29	22 2	0 31	15 42	1 46	17 48	17 21	18 40	18 28	11 47	3 31	4 32
S 25	18 12	22 31	4 54	11 35	2 31	0 31	1 30	4 43	0 32	20 30	0 42	23 7	0 29	22 2	0 31	15 42	1 45	17 49	17 22	18 36	18 27	11 50	3 30	4 32
S 26	17 56	18 32	5 1	11 26	2 46	0 2	1 37	4 24	0 31	20 31	0 42	23 7	0 29	22 1	0 31	15 42	1 45	17 50	17 22	18 33	18 26	11 53	3 29	4 32
M27	17 39	13 45	4 52	11 20	3 0	0n27	1 44	4 6	0 31	20 33	0 42	23 7	0 29	22 0	0 31	15 42	1 45	17 50	17 23	18 30	18 25	11 56	3 27	4 32
T 28	17 23	8 30	4 29	11 19	3 13	0 55	1 51	3 47	0 30	20 35	0 42	23 7	0 29	22 0	0 31	15 42	1 45	17 51	17 23	18 27	18 24	11 59	3 26	4 31
W29	17 6	3 2	3 54	11 22	3 24	1 24	1 58	3 29	0 29	20 36	0 42	23 7	0 28	21 59	0 31	15 42	1 45	17 52	17 23	18 25	18 23	12 2	3 25	4 31
T 30	16 48	2n27	3 9	11 29	3 33	1 53	2 6	3 11	0 28	20 38	0 42	23 7	0 28	21 59	0 31	15 42	1 45	17 53	17 24	18 23	18 23	12 5	3 24	4 31
F 31	16s31	7n46	2s16	11s40	3n40	2n21	2n13	2s52	0s27	20s39	0n42	23n 7	0s28	21s58	0s31	15n42	1s45	17n54	17n24	18n22	18n22	12n 8	3s23	4n31

Julian Day Number = 1990612.5, Delta T = 55m09s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'39, Lahiri = 6°16'39 Julian Calendar 1 Jan. 738 == Greg. Calendar 5 Jan. 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

FEBRUARY 738 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 56 47	15♒47'52	7♉11	18°R17	1♈40	24♓37	5♐29	28°R11	24♑ 4	18♉16	25°R 0	21°R53	21♉50	5♉45	10♓52	S 1
S 2	9 0 44	16°48'12	18°59	17♒13	2°32	25°21	5°37	28♊ 9	24° 7	18°16	24♍59	21♉53	21°47	5°52	10°56	S 2
M 3	9 4 40	17°48'30	0♊51	16° 8	3°24	26° 6	5°45	28° 6	24°11	18°17	24°57	21°53	21°44	5°58	10°59	M 3
T 4	9 8 37	18°48'47	12°54	15° 3	4°14	26°50	5°53	28° 4	24°14	18°17	24°56	21°52	21°41	6° 5	11° 2	T 4
W 5	9 12 34	19°49'01	25°12	14° 0	5° 4	27°34	6° 1	28° 2	24°17	18°17	24°55	21°48	21°37	6°12	11° 6	W 5
T 6	9 16 30	20°49'13	7♋50	13° 0	5°53	28°18	6° 9	28° 0	24°21	18°18	24°53	21°42	21°34	6°18	11° 9	T 6
F 7	9 20 27	21°49'23	20°49	12° 4	6°41	29° 3	6°16	27°58	24°24	18°18	24°52	21°34	21°31	6°25	11°13	F 7
S 8	9 24 23	22°49'31	4♌12	11°13	7°28	29°47	6°24	27°56	24°27	18°19	24°51	21°23	21°28	6°32	11°16	S 8
S 9	9 28 20	23°49'37	17°57	10°28	8°14	0♈31	6°31	27°54	24°30	18°19	24°49	21°10	21°25	6°38	11°20	S 9
M10	9 32 16	24°49'41	2♍ 1	9°50	9° 0	1°15	6°38	27°53	24°33	18°20	24°48	20°58	21°22	6°45	11°23	M10
T 11	9 36 13	25°49'43	16°18	9°18	9°44	1°59	6°45	27°51	24°36	18°20	24°47	20°46	21°18	6°51	11°27	T 11
W12	9 40 9	26°49'44	0♎43	8°53	10°27	2°43	6°52	27°50	24°40	18°21	24°45	20°37	21°15	6°58	11°30	W12
T 13	9 44 6	27°49'42	15° 9	8°34	11° 9	3°27	6°59	27°49	24°43	18°21	24°44	20°31	21°12	7° 5	11°34	T 13
F 14	9 48 3	28°49'39	29°32	8°23	11°50	4°11	7° 5	27°47	24°46	18°22	24°42	20°27	21° 9	7°11	11°38	F 14
S 15	9 51 59	29°49'34	13♏48	8°D18	12°30	4°54	7°12	27°46	24°49	18°23	24°41	20°26	21° 6	7°18	11°41	S 15
S 16	9 55 56	0♓49'27	27°55	8°19	13° 9	5°38	7°18	27°45	24°52	18°24	24°40	20°26	21° 2	7°25	11°45	S 16
M17	9 59 52	1°49'19	11♐53	8°27	13°46	6°22	7°24	27°45	24°55	18°24	24°38	20°26	20°59	7°31	11°48	M17
T 18	10 3 49	2°49'09	25°41	8°40	14°22	7° 6	7°30	27°44	24°58	18°25	24°37	20°24	20°56	7°38	11°52	T 18
W19	10 7 45	3°48'57	9♑19	8°58	14°57	7°49	7°36	27°43	25° 1	18°26	24°35	20°20	20°53	7°45	11°56	W19
T 20	10 11 42	4°48'44	22°47	9°22	15°30	8°33	7°41	27°43	25° 4	18°27	24°33	20°13	20°50	7°51	11°59	T 20
F 21	10 15 38	5°48'29	6♒ 5	9°51	16° 2	9°17	7°47	27°42	25° 6	18°28	24°32	20° 3	20°47	7°58	12° 3	F 21
S 22	10 19 35	6°48'11	19°11	10°24	16°32	10° 0	7°52	27°42	25° 9	18°29	24°30	19°51	20°43	8° 5	12° 7	S 22
S 23	10 23 32	7°47'52	2♓ 5	11° 1	17° 1	10°44	7°57	27°42	25°12	18°30	24°29	19°39	20°40	8°11	12°10	S 23
M24	10 27 28	8°47'30	14°45	11°42	17°28	11°27	8° 2	27°D42	25°15	18°31	24°27	19°26	20°37	8°18	12°14	M24
T 25	10 31 25	9°47'07	27°12	12°28	17°54	12°10	8° 7	27°42	25°18	18°32	24°26	19°15	20°34	8°25	12°17	T 25
W26	10 35 21	10°46'41	9♈25	13°16	18°18	12°54	8°12	27°42	25°20	18°33	24°24	19° 6	20°31	8°31	12°21	W26
T 27	10 39 18	11°46'13	21°26	14° 8	18°39	13°37	8°16	27°42	25°23	18°34	24°22	19° 0	20°27	8°38	12°25	T 27
F 28	10 43 14	12♓45'43	3♉19	15♒ 3	18♈59	14♈20	8♐20	27♊43	25♑26	18♉35	24♍21	18♉56	20♉24	8♉44	12♓28	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s13	12n47	1s17	11s54	3n45	2n49	2n21	2s34	0s27	20s41	0n42	23n 7	0s28	21s58	0s31	15n42	1s45	17n55	17n25	18n22	18n21	12n11	3s22	4n31
S 2	15 54	17 20	0 15	12 10	3 47	3 17	2 28	2 15	0 26	20 42	0 42	23 8	0 28	21 57	0 31	15 42	1 45	17 55	17 25	18 22	18 20	12 14	3 21	4 31
M 3	15 36	21 15	0n47	12 29	3 48	3 44	2 36	1 57	0 25	20 43	0 42	23 8	0 28	21 56	0 31	15 43	1 45	17 56	17 26	18 22	18 19	12 17	3 20	4 31
T 4	15 17	24 18	1 49	12 50	3 46	4 12	2 44	1 38	0 24	20 45	0 42	23 8	0 28	21 56	0 31	15 43	1 45	17 57	17 26	18 21	18 18	12 20	3 18	4 30
W 5	14 58	26 17	2 47	13 12	3 42	4 39	2 52	1 20	0 24	20 46	0 42	23 8	0 27	21 55	0 31	15 43	1 45	17 58	17 26	18 21	18 18	12 23	3 17	4 30
T 6	14 39	26 59	3 37	13 34	3 36	5 6	2 59	1 2	0 23	20 47	0 42	23 8	0 27	21 55	0 32	15 43	1 45	17 59	17 27	18 19	18 17	12 26	3 16	4 30
F 7	14 20	26 14	4 19	13 57	3 29	5 32	3 7	0 43	0 22	20 49	0 42	23 8	0 27	21 54	0 32	15 43	1 45	18 0	17 27	18 17	18 16	12 29	3 15	4 30
S 8	14 0	23 59	4 47	14 20	3 20	5 58	3 15	0 25	0 21	20 50	0 42	23 8	0 27	21 54	0 32	15 43	1 45	18 1	17 27	18 14	18 15	12 32	3 14	4 30
S 9	13 40	20 18	5 0	14 42	3 9	6 24	3 23	0 6	0 20	20 51	0 42	23 8	0 27	21 53	0 32	15 44	1 44	18 1	17 28	18 11	18 14	12 35	3 12	4 30
M10	13 20	15 24	4 55	15 3	2 58	6 50	3 32	0n12	0 20	20 52	0 42	23 9	0 27	21 53	0 32	15 44	1 44	18 2	17 28	18 7	18 14	12 38	3 11	4 30
T 11	13 0	9 36	4 31	15 23	2 46	7 15	3 40	0 30	0 19	20 54	0 42	23 9	0 27	21 52	0 32	15 44	1 44	18 3	17 28	18 4	18 13	12 41	3 10	4 30
W12	12 39	3 14	3 51	15 42	2 33	7 39	3 48	0 49	0 18	20 55	0 42	23 9	0 26	21 51	0 32	15 44	1 44	18 4	17 29	18 2	18 12	12 44	3 9	4 29
T 13	12 19	3s19	2 55	16 0	2 19	8 4	3 56	1 7	0 17	20 56	0 42	23 9	0 26	21 51	0 32	15 45	1 44	18 5	17 29	18 0	18 11	12 47	3 7	4 29
F 14	11 58	9 42	1 48	16 16	2 6	8 27	4 5	1 25	0 17	20 57	0 42	23 9	0 26	21 50	0 32	15 45	1 44	18 6	17 29	17 59	18 10	12 50	3 6	4 29
S 15	11 37	15 32	0 35	16 31	1 52	8 51	4 13	1 43	0 16	20 58	0 42	23 9	0 26	21 50	0 32	15 45	1 44	18 7	17 30	17 59	18 9	12 53	3 5	4 29
S 16	11 15	20 29	0s40	16 44	1 38	9 14	4 21	2 1	0 15	20 59	0 42	23 9	0 26	21 49	0 32	15 45	1 44	18 7	17 30	17 59	18 8	12 56	3 4	4 29
M17	10 54	24 12	1 51	16 55	1 24	9 36	4 30	2 19	0 14	21 0	0 42	23 9	0 26	21 49	0 32	15 46	1 44	18 8	17 30	17 59	18 8	12 59	3 2	4 29
T 18	10 32	26 27	2 55	17 5	1 11	9 58	4 38	2 38	0 14	21 1	0 42	23 10	0 25	21 48	0 32	15 46	1 44	18 9	17 30	17 58	18 7	13 2	3 1	4 29
W19	10 11	27 4	3 48	17 13	0 57	10 19	4 46	2 56	0 13	21 2	0 42	23 10	0 25	21 48	0 32	15 46	1 44	18 10	17 31	17 57	18 6	13 5	3 0	4 29
T 20	9 49	26 4	4 28	17 19	0 44	10 40	4 55	3 14	0 12	21 3	0 42	23 10	0 25	21 47	0 32	15 46	1 44	18 11	17 31	17 55	18 5	13 8	2 58	4 29
F 21	9 27	23 36	4 52	17 24	0 31	11 0	5 3	3 32	0 11	21 4	0 42	23 10	0 25	21 47	0 32	15 47	1 44	18 12	17 31	17 53	18 4	13 11	2 57	4 29
S 22	9 4	19 56	5 1	17 27	0 19	11 20	5 11	3 49	0 11	21 4	0 43	23 10	0 25	21 46	0 32	15 47	1 44	18 12	17 31	17 49	18 3	13 14	2 56	4 29
S 23	8 42	15 22	4 54	17 29	0 7	11 38	5 20	4 7	0 10	21 5	0 43	23 10	0 25	21 46	0 32	15 47	1 44	18 13	17 31	17 46	18 3	13 17	2 54	4 29
M24	8 20	10 14	4 33	17 28	0s 5	11 57	5 28	4 25	0 9	21 6	0 43	23 10	0 25	21 45	0 32	15 48	1 44	18 14	17 32	17 43	18 2	13 20	2 53	4 28
T 25	7 57	4 46	3 59	17 26	0 16	12 14	5 36	4 43	0 9	21 7	0 43	23 11	0 24	21 45	0 32	15 48	1 43	18 15	17 32	17 39	18 1	13 23	2 52	4 28
W26	7 35	0n47	3 14	17 23	0 27	12 31	5 44	5 0	0 8	21 7	0 43	23 11	0 24	21 44	0 32	15 48	1 43	18 16	17 32	17 37	18 0	13 26	2 50	4 28
T 27	7 12	6 14	2 21	17 18	0 37	12 46	5 52	5 18	0 7	21 8	0 43	23 11	0 24	21 44	0 32	15 49	1 43	18 16	17 32	17 35	17 59	13 29	2 49	4 28
F 28	6s49	11n25	1s22	17s11	0s47	13n 1	6n 0	5n36	0s 6	21s 9	0n43	23n11	0s24	21s43	0s32	15n49	1s43	18n17	17n32	17n34	17n58	13n31	2s48	4n28

Julian Day Number = 1990643.5, Delta T = 55m08s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'43, Lahiri = 6°16'44 Julian Calendar 1 Feb. 738 == Greg. Calendar 5 Feb. 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

MARCH 738 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 47 11	13♓45'10	15♉ 7	16♒ 1	19♈17	15♈ 4	8♐25	27♊43	25♑28	18♉36	24°R19	18°D55	20♉21	8♉51	12♓32	S 1
S 2	10 51 7	14°44'35	26°54	17° 1	19°33	15°47	8°29	27°44	25°31	18°37	24♍17	18♉55	20°18	8°58	12°36	S 2
M 3	10 55 4	15°43'58	8♊46	18° 4	19°47	16°30	8°32	27°44	25°33	18°38	24°16	18°56	20°15	9° 4	12°39	M 3
T 4	10 59 1	16°43'19	20°47	19°10	19°59	17°13	8°36	27°45	25°36	18°40	24°14	18°R56	20°12	9°11	12°43	T 4
W 5	11 2 57	17°42'37	3♋ 4	20°18	20° 9	17°56	8°39	27°46	25°38	18°41	24°12	18°54	20° 8	9°18	12°47	W 5
T 6	11 6 54	18°41'53	15°41	21°28	20°16	18°39	8°43	27°47	25°41	18°42	24°11	18°51	20° 5	9°24	12°50	T 6
F 7	11 10 50	19°41'06	28°43	22°41	20°21	19°22	8°46	27°49	25°43	18°44	24° 9	18°45	20° 2	9°31	12°54	F 7
S 8	11 14 47	20°40'17	12♌11	23°55	20°24	20° 5	8°49	27°50	25°46	18°45	24° 8	18°38	19°59	9°38	12°58	S 8
S 9	11 18 43	21°39'26	26° 5	25°11	20°R24	20°48	8°51	27°51	25°48	18°46	24° 6	18°29	19°56	9°44	13° 1	S 9
M10	11 22 40	22°38'33	10♍24	26°30	20°22	21°31	8°54	27°53	25°50	18°48	24° 4	18°20	19°53	9°51	13° 5	M10
T 11	11 26 36	23°37'37	25° 1	27°50	20°17	22°13	8°56	27°54	25°53	18°49	24° 2	18°11	19°49	9°58	13° 8	T 11
W12	11 30 33	24°36'39	9♎50	29°12	20°10	22°56	8°58	27°56	25°55	18°51	24° 1	18° 5	19°46	10° 4	13°12	W12
T 13	11 34 29	25°35'39	24°41	0♓36	20° 0	23°39	9° 0	27°58	25°57	18°52	23°59	18° 0	19°43	10°11	13°16	T 13
F 14	11 38 26	26°34'37	9♏29	2° 1	19°48	24°21	9° 2	28° 0	25°59	18°53	23°57	17°58	19°40	10°18	13°19	F 14
S 15	11 42 23	27°33'34	24° 5	3°28	19°33	25° 4	9° 4	28° 2	26° 1	18°55	23°56	17°D58	19°37	10°24	13°23	S 15
S 16	11 46 19	28°32'28	8♐26	4°57	19°16	25°46	9° 5	28° 4	26° 3	18°57	23°54	17°59	19°33	10°31	13°26	S 16
M17	11 50 16	29°31'21	22°30	6°27	18°57	26°29	9° 7	28° 6	26° 5	18°58	23°52	18° 0	19°30	10°37	13°30	M17
T 18	11 54 12	0♈30'12	6♑17	7°59	18°35	27°11	9° 8	28° 8	26° 7	19° 0	23°51	18°R 0	19°27	10°44	13°33	T 18
W19	11 58 9	1°29'02	19°46	9°33	18°11	27°54	9° 9	28°11	26° 9	19° 1	23°49	17°58	19°24	10°51	13°37	W19
T 20	12 2 5	2°27'49	3♒ 0	11° 8	17°45	28°36	9° 9	28°13	26°11	19° 3	23°47	17°55	19°21	10°57	13°40	T 20
F 21	12 6 2	3°26'35	15°59	12°45	17°17	29°18	9°10	28°16	26°13	19° 5	23°46	17°49	19°18	11° 4	13°44	F 21
S 22	12 9 58	4°25'19	28°45	14°24	16°47	0♉ 1	9°10	28°19	26°15	19° 6	23°44	17°42	19°14	11°11	13°47	S 22
S 23	12 13 55	5°24'01	11♓19	16° 4	16°16	0°43	9°R10	28°22	26°16	19° 8	23°43	17°34	19°11	11°17	13°51	S 23
M24	12 17 52	6°22'41	23°41	17°45	15°42	1°25	9°10	28°25	26°18	19°10	23°41	17°27	19° 8	11°24	13°54	M24
T 25	12 21 48	7°21'19	5♈53	19°28	15° 8	2° 7	9°10	28°28	26°20	19°12	23°39	17°20	19° 5	11°31	13°58	T 25
W26	12 25 45	8°19'55	17°56	21°13	14°32	2°49	9° 9	28°31	26°21	19°13	23°38	17°15	19° 2	11°37	14° 1	W26
T 27	12 29 41	9°18'29	29°50	22°59	13°56	3°31	9° 9	28°34	26°23	19°15	23°36	17°11	18°59	11°44	14° 4	T 27
F 28	12 33 38	10°17'01	11♉40	24°47	13°18	4°13	9° 8	28°37	26°25	19°17	23°35	17°D10	18°55	11°51	14° 8	F 28
S 29	12 37 34	11°15'31	23°26	26°37	12°41	4°55	9° 7	28°41	26°26	19°19	23°33	17°10	18°52	11°57	14°11	S 29
S 30	12 41 31	12°13'59	5♊14	28°28	12° 3	5°37	9° 6	28°44	26°28	19°21	23°31	17°11	18°49	12° 4	14°14	S 30
M31	12 45 27	13♈12'25	17♊ 6	0♈21	11♈25	6♉19	9♐ 4	28♊48	26♑29	19♉23	23♍30	17♉13	18♉46	12♉11	14♓18	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s26	16n 9	0s20	17s 3	0s57	13n16	6n 8	5n53	0s 6	21s 9	0n43	23n11	0s24	21s43	0s32	15n50	1s43	18n18	17n33	17n34	17n57	13n34	2s46	4n28
S 2	6 3	20 17	0n43	16 53	1 6	13 29	6 15	6 10	0 5	21 10	0 43	23 11	0 24	21 43	0 32	15 50	1 43	18 19	17 33	17 34	17 57	13 37	2 45	4 28
M 3	5 40	23 38	1 44	16 42	1 14	13 41	6 23	6 28	0 4	21 11	0 43	23 11	0 24	21 42	0 32	15 50	1 43	18 20	17 33	17 34	17 56	13 40	2 44	4 28
T 4	5 17	25 58	2 42	16 29	1 22	13 52	6 30	6 45	0 4	21 11	0 43	23 12	0 23	21 42	0 32	15 51	1 43	18 20	17 33	17 34	17 55	13 43	2 42	4 28
W 5	4 53	27 7	3 33	16 14	1 30	14 2	6 37	7 2	0 3	21 12	0 43	23 12	0 23	21 41	0 32	15 51	1 43	18 21	17 33	17 34	17 54	13 46	2 41	4 28
T 6	4 30	26 55	4 16	15 58	1 37	14 12	6 44	7 19	0 2	21 12	0 43	23 12	0 23	21 41	0 32	15 52	1 43	18 22	17 33	17 33	17 53	13 49	2 40	4 28
F 7	4 7	25 14	4 47	15 41	1 44	14 20	6 51	7 36	0 2	21 13	0 43	23 12	0 23	21 40	0 32	15 52	1 43	18 23	17 33	17 31	17 52	13 52	2 38	4 28
S 8	3 43	22 6	5 3	15 22	1 50	14 26	6 57	7 53	0 1	21 13	0 43	23 12	0 23	21 40	0 32	15 52	1 43	18 23	17 33	17 29	17 51	13 55	2 37	4 28
S 9	3 20	17 39	5 3	15 2	1 56	14 32	7 3	8 10	0 0	21 13	0 43	23 12	0 23	21 40	0 32	15 53	1 43	18 24	17 33	17 27	17 51	13 58	2 35	4 28
M10	2 56	12 5	4 43	14 40	2 1	14 36	7 8	8 27	0n 1	21 14	0 43	23 13	0 23	21 39	0 32	15 53	1 43	18 25	17 33	17 24	17 50	14 1	2 34	4 28
T 11	2 33	5 44	4 5	14 16	2 6	14 39	7 13	8 44	0 1	21 14	0 43	23 13	0 22	21 39	0 32	15 54	1 43	18 25	17 33	17 22	17 49	14 4	2 33	4 28
W12	2 9	1s 1	3 10	13 51	2 10	14 41	7 18	9 0	0 2	21 14	0 43	23 13	0 22	21 38	0 32	15 54	1 43	18 26	17 33	17 20	17 48	14 7	2 31	4 28
T 13	1 46	7 44	2 2	13 25	2 14	14 41	7 22	9 17	0 3	21 15	0 43	23 13	0 22	21 38	0 32	15 55	1 43	18 27	17 33	17 19	17 47	14 10	2 30	4 28
F 14	1 22	14 2	0 46	12 57	2 17	14 40	7 26	9 33	0 3	21 15	0 43	23 13	0 22	21 38	0 32	15 55	1 43	18 27	17 33	17 18	17 46	14 13	2 29	4 28
S 15	0 59	19 27	0s33	12 28	2 20	14 37	7 29	9 50	0 4	21 15	0 43	23 13	0 22	21 37	0 32	15 55	1 42	18 28	17 33	17 18	17 45	14 16	2 27	4 28
S 16	0 35	23 38	1 48	11 58	2 22	14 33	7 32	10 6	0 5	21 15	0 43	23 14	0 22	21 37	0 32	15 56	1 42	18 29	17 33	17 18	17 45	14 18	2 26	4 28
M17	0 11	26 18	2 55	11 26	2 24	14 27	7 34	10 22	0 5	21 15	0 43	23 14	0 22	21 36	0 32	15 56	1 42	18 29	17 33	17 19	17 44	14 21	2 25	4 28
T 18	0n12	27 18	3 51	10 52	2 25	14 20	7 35	10 38	0 6	21 16	0 43	23 14	0 21	21 36	0 32	15 57	1 42	18 30	17 33	17 19	17 43	14 24	2 23	4 28
W19	0 36	26 37	4 32	10 17	2 26	14 11	7 36	10 54	0 7	21 16	0 43	23 14	0 21	21 36	0 33	15 57	1 42	18 31	17 33	17 18	17 42	14 27	2 22	4 28
T 20	0 59	24 27	4 58	9 41	2 26	14 1	7 36	11 10	0 7	21 16	0 43	23 14	0 21	21 35	0 33	15 58	1 42	18 31	17 33	17 17	17 41	14 30	2 20	4 28
F 21	1 23	21 3	5 8	9 4	2 26	13 49	7 35	11 26	0 8	21 16	0 43	23 15	0 21	21 35	0 33	15 58	1 42	18 32	17 33	17 16	17 40	14 33	2 19	4 28
S 22	1 46	16 43	5 3	8 25	2 25	13 36	7 33	11 41	0 8	21 16	0 43	23 15	0 21	21 35	0 33	15 59	1 42	18 33	17 33	17 14	17 39	14 36	2 18	4 28
S 23	2 10	11 43	4 43	7 45	2 24	13 21	7 30	11 57	0 9	21 16	0 43	23 15	0 21	21 35	0 33	15 59	1 42	18 33	17 33	17 11	17 38	14 39	2 16	4 28
M24	2 33	6 20	4 10	7 3	2 22	13 5	7 27	12 12	0 10	21 16	0 43	23 15	0 21	21 34	0 33	16 0	1 42	18 34	17 33	17 9	17 38	14 42	2 15	4 28
T 25	2 56	0 47	3 25	6 20	2 20	12 47	7 23	12 27	0 10	21 16	0 43	23 15	0 21	21 34	0 33	16 0	1 42	18 34	17 33	17 7	17 37	14 45	2 14	4 28
W26	3 20	4n44	2 32	5 36	2 17	12 29	7 18	12 42	0 11	21 16	0 43	23 15	0 20	21 34	0 33	16 1	1 42	18 35	17 33	17 6	17 36	14 48	2 12	4 28
T 27	3 43	10 3	1 33	4 51	2 14	12 9	7 12	12 58	0 12	21 16	0 43	23 16	0 20	21 33	0 33	16 2	1 42	18 35	17 33	17 5	17 35	14 50	2 11	4 28
F 28	4 6	14 58	0 30	4 4	2 10	11 48	7 5	13 12	0 12	21 16	0 43	23 16	0 20	21 33	0 33	16 2	1 42	18 36	17 33	17 4	17 34	14 53	2 10	4 28
S 29	4 29	19 19	0n34	3 16	2 6	11 27	6 58	13 27	0 13	21 15	0 43	23 16	0 20	21 33	0 33	16 3	1 42	18 36	17 32	17 4	17 33	14 56	2 8	4 29
S 30	4 52	22 55	1 37	2 27	2 1	11 4	6 50	13 42	0 14	21 15	0 43	23 16	0 20	21 33	0 33	16 3	1 42	18 37	17 32	17 5	17 32	14 59	2 7	4 29
M31	5n15	25n34	2n36	1s37	1s55	10n41	6n41	13n56	0n14	21s15	0n43	23n16	0s20	21s32	0s33	16n 4	1s42	18n37	17n32	17n 5	17n31	15n 2	2s 6	4n29

Julian Day Number = 1990671.5, Delta T = 55m07s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'47, Lahiri = 6°16'47 Julian Calendar 1 March 738 == Greg. Calendar 5 March 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

APRIL 738 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 49 24	14♈10'49	29♊ 7	2♈16	10°R47	7♉ 1	9°R 3	28♊52	26♑30	19♉24	23°R28	17♉14	18♉43	12♉17	14♓21	T 1
W 2	12 53 21	15° 9'10	11♋22	4°12	10♈10	7°43	9♐ 1	28°55	26°32	19°26	23♍27	17°R15	18°39	12°24	14°24	W 2
T 3	12 57 17	16° 7'30	23°57	6° 9	9°34	8°25	8°59	28°59	26°33	19°28	23°25	17°15	18°36	12°30	14°28	T 3
F 4	13 1 14	17° 5'47	6♌55	8° 9	8°59	9° 6	8°57	29° 3	26°34	19°30	23°24	17°13	18°33	12°37	14°31	F 4
S 5	13 5 10	18° 4'02	20°19	10° 9	8°24	9°48	8°55	29° 7	26°35	19°32	23°22	17°11	18°30	12°44	14°34	S 5
S 6	13 9 7	19° 2'15	4♍11	12°12	7°52	10°30	8°52	29°12	26°36	19°34	23°21	17° 7	18°27	12°50	14°37	S 6
M 7	13 13 3	20° 0'26	18°31	14°15	7°21	11°11	8°50	29°16	26°37	19°36	23°19	17° 3	18°24	12°57	14°40	M 7
T 8	13 17 0	20°58'35	3♎14	16°21	6°51	11°53	8°47	29°20	26°38	19°38	23°18	16°59	18°20	13° 4	14°43	T 8
W 9	13 20 56	21°56'42	18°13	18°27	6°24	12°34	8°44	29°25	26°39	19°40	23°16	16°57	18°17	13°10	14°46	W 9
T 10	13 24 53	22°54'47	3♏21	20°34	5°59	13°15	8°41	29°29	26°40	19°42	23°15	16°55	18°14	13°17	14°49	T 10
F 11	13 28 50	23°52'51	18°27	22°43	5°36	13°57	8°37	29°34	26°41	19°44	23°14	16°D54	18°11	13°24	14°52	F 11
S 12	13 32 46	24°50'53	3♐24	24°52	5°15	14°38	8°34	29°38	26°42	19°46	23°12	16°55	18° 8	13°30	14°55	S 12
S 13	13 36 43	25°48'53	18° 4	27° 1	4°56	15°20	8°30	29°43	26°43	19°48	23°11	16°56	18° 4	13°37	14°58	S 13
M14	13 40 39	26°46'53	2♑22	29°11	4°40	16° 1	8°26	29°48	26°44	19°51	23°10	16°58	18° 1	13°44	15° 1	M14
T 15	13 44 36	27°44'51	16°18	1♉21	4°26	16°42	8°22	29°53	26°44	19°53	23° 8	16°59	17°58	13°50	15° 4	T 15
W16	13 48 32	28°42'47	29°50	3°31	4°15	17°23	8°18	29°58	26°45	19°55	23° 7	16°R59	17°55	13°57	15° 7	W16
T 17	13 52 29	29°40'42	13♒ 0	5°41	4° 6	18° 4	8°14	0♋ 3	26°45	19°57	23° 6	16°58	17°52	14° 3	15°10	T 17
F 18	13 56 25	0♉38'36	25°50	7°49	4° 0	18°45	8° 9	0° 8	26°46	19°59	23° 4	16°57	17°49	14°10	15°13	F 18
S 19	14 0 22	1°36'28	8♓24	9°57	3°56	19°27	8° 4	0°13	26°46	20° 1	23° 3	16°55	17°45	14°17	15°15	S 19
S 20	14 4 19	2°34'19	20°44	12° 3	3°D54	20° 8	8° 0	0°19	26°47	20° 3	23° 2	16°53	17°42	14°23	15°18	S 20
M21	14 8 15	3°32'09	2♈53	14° 8	3°55	20°49	7°55	0°24	26°47	20° 5	23° 1	16°51	17°39	14°30	15°21	M21
T 22	14 12 12	4°29'58	14°52	16°10	3°58	21°29	7°49	0°29	26°48	20° 8	23° 0	16°49	17°36	14°37	15°23	T 22
W23	14 16 8	5°27'44	26°46	18°11	4° 4	22°10	7°44	0°35	26°48	20°10	22°59	16°48	17°33	14°43	15°26	W23
T 24	14 20 5	6°25'30	8♉35	20° 9	4°11	22°51	7°39	0°40	26°48	20°12	22°57	16°48	17°30	14°50	15°29	T 24
F 25	14 24 1	7°23'14	20°22	22° 5	4°21	23°32	7°33	0°46	26°48	20°14	22°56	16°D47	17°26	14°57	15°31	F 25
S 26	14 27 58	8°20'57	2♊ 9	23°58	4°33	24°13	7°28	0°52	26°48	20°16	22°55	16°48	17°23	15° 3	15°34	S 26
S 27	14 31 54	9°18'38	13°59	25°49	4°47	24°54	7°22	0°58	26°49	20°19	22°54	16°48	17°20	15°10	15°36	S 27
M28	14 35 51	10°16'18	25°55	27°36	5° 2	25°34	7°16	1° 3	26°R49	20°21	22°53	16°49	17°17	15°17	15°39	M28
T 29	14 39 48	11°13'56	8♋ 0	29°21	5°20	26°15	7°10	1° 9	26°49	20°23	22°52	16°50	17°14	15°23	15°41	T 29
W30	14 43 44	12♉11'33	20♋18	1♊ 3	5♈40	26♉56	7♐ 3	1♋15	26♑48	20♉25	22♍51	16♉50	17♉10	15♉30	15♓43	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n38	27n 6	3n30	0s46	1s49	10n17	6n31	14n11	0n15	21s15	0n43	23n16	0s20	21s32	0s33	16n 4	1s42	18n38	17n32	17n 6	17n31	15n 5	2s 4	4n29
W 2	6 0	27 20	4 14	0n 6	1 43	9 53	6 21	14 25	0 15	21 14	0 43	23 17	0 19	21 32	0 33	16 5	1 42	18 38	17 32	17 6	17 30	15 8	2 3	4 29
T 3	6 23	26 12	4 48	1 0	1 36	9 28	6 10	14 39	0 16	21 14	0 43	23 17	0 19	21 32	0 33	16 5	1 42	18 39	17 31	17 6	17 29	15 11	2 2	4 29
F 4	6 46	23 38	5 9	1 54	1 29	9 3	5 58	14 53	0 17	21 14	0 43	23 17	0 19	21 32	0 33	16 6	1 42	18 39	17 31	17 5	17 28	15 13	2 0	4 29
S 5	7 8	19 45	5 13	2 49	1 21	8 39	5 46	15 7	0 17	21 13	0 43	23 17	0 19	21 31	0 33	16 6	1 42	18 39	17 31	17 5	17 27	15 16	1 59	4 29
S 6	7 30	14 41	5 0	3 44	1 12	8 14	5 33	15 21	0 18	21 13	0 43	23 17	0 19	21 31	0 33	16 7	1 42	18 40	17 31	17 4	17 26	15 19	1 58	4 29
M 7	7 52	8 40	4 28	4 41	1 4	7 50	5 20	15 35	0 18	21 13	0 43	23 17	0 19	21 31	0 33	16 8	1 42	18 40	17 31	17 3	17 25	15 22	1 56	4 29
T 8	8 14	2 2	3 38	5 38	0 55	7 26	5 7	15 48	0 19	21 12	0 43	23 17	0 19	21 31	0 33	16 8	1 41	18 41	17 30	17 2	17 24	15 25	1 55	4 29
W 9	8 36	4s51	2 31	6 35	0 45	7 2	4 53	16 1	0 19	21 12	0 43	23 18	0 19	21 31	0 33	16 9	1 41	18 41	17 30	17 1	17 24	15 28	1 54	4 29
T 10	8 58	11 33	1 14	7 33	0 35	6 40	4 40	16 15	0 20	21 11	0 43	23 18	0 18	21 31	0 33	16 9	1 41	18 41	17 30	17 0	17 23	15 31	1 53	4 30
F 11	9 20	17 34	0s 9	8 30	0 25	6 18	4 26	16 28	0 21	21 11	0 43	23 18	0 18	21 30	0 33	16 10	1 41	18 42	17 30	17 0	17 22	15 33	1 51	4 30
S 12	9 41	22 27	1 30	9 28	0 15	5 56	4 12	16 41	0 21	21 10	0 43	23 18	0 18	21 30	0 33	16 10	1 41	18 42	17 29	17 0	17 21	15 36	1 50	4 30
S 13	10 2	25 47	2 44	10 25	0 4	5 36	3 57	16 53	0 22	21 10	0 43	23 18	0 18	21 30	0 33	16 11	1 41	18 42	17 29	17 1	17 20	15 39	1 49	4 30
M14	10 24	27 20	3 45	11 22	0n 6	5 17	3 43	17 6	0 22	21 9	0 43	23 18	0 18	21 30	0 33	16 12	1 41	18 42	17 29	17 1	17 19	15 42	1 48	4 30
T 15	10 45	27 6	4 32	12 18	0 17	4 58	3 29	17 18	0 23	21 8	0 43	23 18	0 18	21 30	0 33	16 12	1 41	18 43	17 28	17 1	17 18	15 45	1 46	4 30
W16	11 5	25 14	5 2	13 12	0 28	4 41	3 15	17 31	0 23	21 8	0 43	23 19	0 18	21 30	0 33	16 13	1 41	18 43	17 28	17 1	17 17	15 48	1 45	4 30
T 17	11 26	22 3	5 15	14 6	0 38	4 25	3 1	17 43	0 24	21 7	0 43	23 19	0 18	21 30	0 33	16 13	1 41	18 43	17 28	17 1	17 16	15 50	1 44	4 30
F 18	11 47	17 53	5 12	14 59	0 48	4 10	2 48	17 55	0 25	21 6	0 43	23 19	0 17	21 30	0 34	16 14	1 41	18 43	17 27	17 1	17 15	15 53	1 43	4 30
S 19	12 7	13 1	4 54	15 49	0 58	3 56	2 34	18 7	0 25	21 6	0 43	23 19	0 17	21 30	0 34	16 15	1 41	18 43	17 27	17 0	17 15	15 56	1 42	4 31
S 20	12 27	7 43	4 23	16 38	1 8	3 43	2 21	18 19	0 26	21 5	0 43	23 19	0 17	21 30	0 34	16 15	1 41	18 44	17 27	17 0	17 14	15 59	1 40	4 31
M21	12 47	2 13	3 40	17 25	1 18	3 31	2 8	18 30	0 26	21 4	0 43	23 19	0 17	21 30	0 34	16 16	1 41	18 44	17 26	16 59	17 13	16 2	1 39	4 31
T 22	13 6	3n19	2 48	18 10	1 26	3 21	1 55	18 41	0 27	21 3	0 43	23 19	0 17	21 30	0 34	16 16	1 41	18 44	17 26	16 59	17 12	16 5	1 38	4 31
W23	13 26	8 42	1 49	18 53	1 35	3 11	1 42	18 53	0 27	21 3	0 43	23 19	0 17	21 30	0 34	16 17	1 41	18 44	17 26	16 58	17 11	16 7	1 37	4 31
T 24	13 45	13 45	0 45	19 33	1 42	3 3	1 30	19 4	0 28	21 2	0 43	23 19	0 17	21 30	0 34	16 18	1 41	18 44	17 25	16 58	17 10	16 10	1 36	4 31
F 25	14 4	18 17	0n20	20 11	1 50	2 56	1 18	19 15	0 28	21 1	0 43	23 19	0 17	21 29	0 34	16 18	1 41	18 44	17 25	16 58	17 9	16 13	1 35	4 31
S 26	14 23	22 7	1 24	20 46	1 56	2 50	1 6	19 25	0 29	21 0	0 43	23 20	0 17	21 30	0 34	16 19	1 41	18 44	17 25	16 58	17 8	16 16	1 34	4 32
S 27	14 42	25 2	2 25	21 19	2 2	2 45	0 55	19 36	0 29	20 59	0 43	23 20	0 16	21 30	0 34	16 19	1 41	18 44	17 24	16 58	17 7	16 19	1 33	4 32
M28	15 0	26 53	3 21	21 49	2 7	2 41	0 44	19 46	0 30	20 58	0 43	23 20	0 16	21 30	0 34	16 20	1 41	18 44	17 24	16 59	17 6	16 21	1 31	4 32
T 29	15 18	27 29	4 8	22 17	2 11	2 38	0 33	19 56	0 30	20 57	0 43	23 20	0 16	21 30	0 34	16 21	1 41	18 44	17 23	16 59	17 6	16 24	1 30	4 32
W30	15n36	26n45	4n44	22n42	2n15	2n37	0n23	20n 6	0n31	20s56	0n43	23n20	0s16	21s30	0s34	16n21	1s41	18n44	17n23	16n59	17n 5	16n27	1s29	4n32

Julian Day Number = 1990702.5, Delta T = 55m06s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'51, Lahiri = 6°16'52 Julian Calendar 1 Apr. 738 == Greg. Calendar 5 Apr. 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

MAY 738 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 47 41	13♉ 9'09	2♌52	2♊41	6♈ 1	27♉36	6°R57	1♋21	26°R48	20♉28	22°R50	16♉51	17♉ 7	15♉37	15♓46	T 1
F 2	14 51 37	14° 6'42	15°47	4°17	6°24	28°17	6♐51	1°27	26♑48	20°30	22♍50	16°R51	17° 4	15°43	15°48	F 2
S 3	14 55 34	15° 4'14	29° 5	5°49	6°49	28°57	6°44	1°34	26°48	20°32	22°49	16°51	17° 1	15°50	15°50	S 3
S 4	14 59 30	16° 1'45	12♍49	7°18	7°15	29°38	6°38	1°40	26°48	20°34	22°48	16°50	16°58	15°56	15°52	S 4
M 5	15 3 27	16°59'14	26°59	8°44	7°43	0♊18	6°31	1°46	26°47	20°36	22°47	16°D50	16°55	16° 3	15°54	M 5
T 6	15 7 23	17°56'42	11♎34	10° 6	8°13	0°59	6°24	1°52	26°47	20°39	22°46	16°50	16°51	16°10	15°57	T 6
W 7	15 11 20	18°54'09	26°28	11°26	8°44	1°39	6°17	1°59	26°47	20°41	22°45	16°51	16°48	16°16	15°59	W 7
T 8	15 15 16	19°51'34	11♏36	12°41	9°16	2°19	6°10	2° 5	26°46	20°43	22°45	16°R51	16°45	16°23	16° 1	T 8
F 9	15 19 13	20°48'58	26°49	13°54	9°50	3° 0	6° 3	2°12	26°46	20°45	22°44	16°51	16°42	16°30	16° 3	F 9
S 10	15 23 10	21°46'22	11♐56	15° 3	10°25	3°40	5°56	2°18	26°45	20°48	22°43	16°50	16°39	16°36	16° 5	S 10
S 11	15 27 6	22°43'44	26°49	16° 8	11° 1	4°20	5°49	2°25	26°45	20°50	22°43	16°50	16°36	16°43	16° 6	S 11
M12	15 31 3	23°41'06	11♑22	17°10	11°38	5° 0	5°42	2°31	26°44	20°52	22°42	16°49	16°32	16°50	16° 8	M12
T 13	15 34 59	24°38'27	25°29	18° 8	12°17	5°41	5°34	2°38	26°43	20°54	22°42	16°48	16°29	16°56	16°10	T 13
W14	15 38 56	25°35'48	9♒ 9	19° 3	12°56	6°21	5°27	2°45	26°43	20°57	22°41	16°48	16°26	17° 3	16°12	W14
T 15	15 42 52	26°33'08	22°23	19°53	13°37	7° 1	5°19	2°52	26°42	20°59	22°40	16°D47	16°23	17°10	16°13	T 15
F 16	15 46 49	27°30'27	5♓13	20°40	14°19	7°41	5°12	2°58	26°41	21° 1	22°40	16°47	16°20	17°16	16°15	F 16
S 17	15 50 46	28°27'46	17°43	21°23	15° 2	8°21	5° 4	3° 5	26°40	21° 3	22°40	16°48	16°16	17°23	16°17	S 17
S 18	15 54 42	29°25'04	29°56	22° 2	15°45	9° 1	4°57	3°12	26°39	21° 6	22°39	16°49	16°13	17°29	16°18	S 18
M19	15 58 39	0♊22'21	11♈57	22°36	16°30	9°41	4°49	3°19	26°38	21° 8	22°39	16°50	16°10	17°36	16°20	M19
T 20	16 2 35	1°19'38	23°50	23° 6	17°15	10°21	4°42	3°26	26°37	21°10	22°38	16°51	16° 7	17°43	16°21	T 20
W21	16 6 32	2°16'55	5♉38	23°32	18° 1	11° 1	4°34	3°33	26°36	21°12	22°38	16°52	16° 4	17°49	16°23	W21
T 22	16 10 28	3°14'11	17°25	23°54	18°48	11°40	4°26	3°40	26°35	21°14	22°38	16°R53	16° 1	17°56	16°24	T 22
F 23	16 14 25	4°11'27	29°12	24°11	19°36	12°20	4°19	3°47	26°34	21°17	22°37	16°52	15°57	18° 3	16°25	F 23
S 24	16 18 21	5° 8'42	11♊ 4	24°23	20°25	13° 0	4°11	3°55	26°33	21°19	22°37	16°51	15°54	18° 9	16°27	S 24
S 25	16 22 18	6° 5'56	23° 1	24°31	21°14	13°40	4° 3	4° 2	26°32	21°21	22°37	16°49	15°51	18°16	16°28	S 25
M26	16 26 15	7° 3'10	5♋ 6	24°R35	22° 4	14°20	3°56	4° 9	26°30	21°23	22°37	16°46	15°48	18°23	16°29	M26
T 27	16 30 11	8° 0'23	17°20	24°34	22°55	14°59	3°48	4°16	26°29	21°25	22°37	16°42	15°45	18°29	16°30	T 27
W28	16 34 8	8°57'36	29°47	24°28	23°46	15°39	3°40	4°24	26°28	21°28	22°37	16°39	15°42	18°36	16°31	W28
T 29	16 38 4	9°54'48	12♌27	24°18	24°38	16°19	3°33	4°31	26°26	21°30	22°37	16°36	15°38	18°43	16°32	T 29
F 30	16 42 1	10°51'59	25°24	24° 4	25°30	16°58	3°25	4°38	26°25	21°32	22°D37	16°35	15°35	18°49	16°33	F 30
S 31	16 45 57	11♊49'10	8♍40	23♊46	26♈23	17♊38	3♐18	4♋46	26♑23	21♉34	22♍37	16°D34	15♉32	18♉56	16♓34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n54	24n39	5n 8	23n 5	2n17	2n36	0n12	20n16	0n31	20s55	0n43	23n20	0s16	21s30	0s34	16n22	1s41	18n44	17n23	16n59	17n 4	16n30	1s28	4n32
F 2	16 11	21 16	5 18	23 25	2 19	2 36	0 3	20 26	0 32	20 54	0 43	23 20	0 16	21 30	0 34	16 22	1 41	18 44	17 22	16 59	17 3	16 33	1 27	4 32
S 3	16 28	16 43	5 11	23 44	2 20	2 37	0s 7	20 36	0 33	20 53	0 42	23 20	0 16	21 30	0 34	16 23	1 41	18 44	17 22	16 59	17 2	16 35	1 26	4 33
S 4	16 45	11 11	4 46	23 59	2 21	2 39	0 16	20 45	0 33	20 52	0 42	23 20	0 16	21 30	0 34	16 24	1 41	18 44	17 21	16 59	17 1	16 38	1 25	4 33
M 5	17 1	4 55	4 3	24 13	2 20	2 42	0 25	20 54	0 34	20 51	0 42	23 20	0 16	21 30	0 34	16 24	1 41	18 44	17 21	16 59	17 0	16 41	1 24	4 33
T 6	17 18	1s47	3 4	24 24	2 19	2 46	0 34	21 3	0 34	20 50	0 42	23 20	0 15	21 30	0 34	16 25	1 41	18 44	17 20	16 59	16 59	16 44	1 23	4 33
W 7	17 34	8 34	1 51	24 34	2 17	2 50	0 42	21 12	0 34	20 49	0 42	23 20	0 15	21 30	0 34	16 25	1 41	18 44	17 20	16 59	16 58	16 46	1 22	4 33
T 8	17 49	14 57	0 29	24 41	2 14	2 56	0 50	21 20	0 35	20 48	0 42	23 20	0 15	21 30	0 34	16 26	1 41	18 44	17 19	16 59	16 57	16 49	1 21	4 33
F 9	18 5	20 28	0s55	24 46	2 10	3 2	0 58	21 29	0 35	20 47	0 42	23 20	0 15	21 30	0 34	16 27	1 41	18 44	17 19	16 59	16 57	16 52	1 20	4 34
S 10	18 20	24 36	2 15	24 50	2 5	3 9	1 5	21 37	0 36	20 45	0 42	23 20	0 15	21 31	0 34	16 27	1 41	18 44	17 19	16 59	16 56	16 55	1 20	4 34
S 11	18 35	26 58	3 24	24 52	2 0	3 17	1 12	21 45	0 36	20 44	0 42	23 20	0 15	21 31	0 34	16 28	1 41	18 43	17 18	16 59	16 55	16 57	1 19	4 34
M12	18 49	27 25	4 19	24 52	1 53	3 25	1 19	21 53	0 37	20 43	0 42	23 20	0 15	21 31	0 34	16 28	1 41	18 43	17 18	16 59	16 54	17 0	1 18	4 34
T 13	19 4	26 2	4 56	24 50	1 46	3 34	1 26	22 1	0 37	20 42	0 42	23 20	0 15	21 31	0 34	16 29	1 41	18 43	17 17	16 58	16 53	17 3	1 17	4 34
W14	19 17	23 8	5 15	24 47	1 38	3 44	1 32	22 8	0 38	20 41	0 41	23 20	0 15	21 31	0 34	16 30	1 41	18 43	17 17	16 58	16 52	17 6	1 16	4 35
T 15	19 31	19 7	5 16	24 42	1 30	3 54	1 38	22 16	0 38	20 39	0 41	23 20	0 14	21 31	0 34	16 30	1 41	18 43	17 16	16 58	16 51	17 8	1 15	4 35
F 16	19 44	14 19	5 1	24 36	1 20	4 5	1 44	22 23	0 39	20 38	0 41	23 20	0 14	21 32	0 34	16 31	1 41	18 42	17 16	16 58	16 50	17 11	1 14	4 35
S 17	19 57	9 4	4 32	24 29	1 10	4 16	1 50	22 30	0 39	20 37	0 41	23 20	0 14	21 32	0 34	16 31	1 41	18 42	17 15	16 58	16 49	17 14	1 14	4 35
S 18	20 10	3 34	3 52	24 21	0 59	4 28	1 55	22 36	0 40	20 36	0 41	23 20	0 14	21 32	0 35	16 32	1 41	18 42	17 15	16 59	16 48	17 17	1 13	4 35
M19	20 22	1n58	3 2	24 11	0 47	4 41	2 0	22 43	0 40	20 34	0 41	23 20	0 14	21 32	0 35	16 33	1 41	18 41	17 14	16 59	16 47	17 19	1 12	4 35
T 20	20 34	7 23	2 4	24 0	0 35	4 54	2 5	22 49	0 41	20 33	0 41	23 20	0 14	21 32	0 35	16 33	1 41	18 41	17 14	16 59	16 46	17 22	1 11	4 36
W21	20 46	12 31	1 2	23 48	0 22	5 7	2 10	22 56	0 41	20 32	0 41	23 20	0 14	21 33	0 35	16 34	1 41	18 41	17 13	16 59	16 46	17 25	1 11	4 36
T 22	20 57	17 12	0n 3	23 35	0 8	5 21	2 14	23 2	0 42	20 31	0 41	23 19	0 14	21 33	0 35	16 34	1 41	18 41	17 13	17 0	16 45	17 28	1 10	4 36
F 23	21 8	21 13	1 8	23 22	0s 7	5 35	2 18	23 7	0 42	20 29	0 40	23 19	0 14	21 33	0 35	16 35	1 41	18 40	17 12	16 59	16 44	17 30	1 9	4 36
S 24	21 18	24 24	2 10	23 7	0 22	5 50	2 22	23 13	0 42	20 28	0 40	23 19	0 14	21 33	0 35	16 35	1 41	18 40	17 12	16 59	16 43	17 33	1 9	4 36
S 25	21 28	26 31	3 7	22 52	0 37	6 5	2 26	23 18	0 43	20 27	0 40	23 19	0 13	21 34	0 35	16 36	1 41	18 39	17 11	16 58	16 42	17 36	1 8	4 37
M26	21 38	27 26	3 56	22 37	0 53	6 21	2 29	23 24	0 43	20 25	0 40	23 19	0 13	21 34	0 35	16 37	1 41	18 39	17 11	16 58	16 41	17 38	1 7	4 37
T 27	21 48	27 0	4 34	22 20	1 9	6 36	2 33	23 29	0 44	20 24	0 40	23 19	0 13	21 34	0 35	16 37	1 41	18 39	17 10	16 57	16 40	17 41	1 7	4 37
W28	21 57	25 14	5 1	22 4	1 26	6 53	2 36	23 33	0 44	20 23	0 40	23 19	0 13	21 35	0 35	16 38	1 41	18 38	17 10	16 56	16 39	17 44	1 6	4 37
T 29	22 5	22 12	5 14	21 47	1 42	7 9	2 39	23 38	0 45	20 22	0 40	23 19	0 13	21 35	0 35	16 38	1 41	18 38	17 9	16 55	16 38	17 46	1 5	4 37
F 30	22 14	18 1	5 11	21 30	1 59	7 26	2 41	23 42	0 45	20 20	0 39	23 18	0 13	21 35	0 35	16 39	1 41	18 37	17 8	16 54	16 37	17 49	1 5	4 38
S 31	22n22	12n52	4n52	21n12	2s15	7n42	2s44	23n47	0n45	20s19	0n39	23n18	0s13	21s35	0s35	16n39	1s41	18n37	17n 8	16n54	16n36	17n52	1s 4	4n38

Julian Day Number = 1990732.5, Delta T = 55m06s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°09'55, Lahiri = 6°16'56 Julian Calendar 1 May 738 == Greg. Calendar 5 May 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

JUNE 738 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 49 54	12♊46'20	22♍16	23°R24	27♈17	18♊17	3°R10	4♋53	26°R22	21♉36	22♍37	16♉34	15♉29	19♉ 3	16♓35	S 1
M 2	16 53 50	13°43'29	6♎15	22♊58	28°11	18°57	3♐ 3	5° 1	26♏20	21°38	22°37	16°35	15°26	19° 9	16°36	M 2
T 3	16 57 47	14°40'38	20°34	22°30	29° 6	19°36	2°55	5° 8	26°19	21°40	22°37	16°37	15°22	19°16	16°36	T 3
W 4	17 1 44	15°37'46	5♏14	21°59	0♉ 1	20°16	2°48	5°15	26°17	21°42	22°37	16°38	15°19	19°22	16°37	W 4
T 5	17 5 40	16°34'54	20° 8	21°26	0°56	20°55	2°41	5°23	26°16	21°45	22°37	16°R38	15°16	19°29	16°38	T 5
F 6	17 9 37	17°32'02	5♐11	20°51	1°52	21°35	2°34	5°31	26°14	21°47	22°37	16°37	15°13	19°36	16°38	F 6
S 7	17 13 33	18°29'10	20°14	20°15	2°49	22°14	2°26	5°38	26°12	21°49	22°38	16°34	15°10	19°42	16°39	S 7
S 8	17 17 30	19°26'17	5♑ 8	19°39	3°46	22°53	2°19	5°46	26°11	21°51	22°38	16°31	15° 7	19°49	16°39	S 8
M 9	17 21 26	20°23'25	19°45	19° 3	4°43	23°33	2°12	5°53	26° 9	21°53	22°38	16°26	15° 3	19°56	16°40	M 9
T 10	17 25 23	21°20'33	3♒59	18°28	5°41	24°12	2° 6	6° 1	26° 7	21°55	22°38	16°21	15° 0	20° 2	16°40	T 10
W11	17 29 20	22°17'41	17°46	17°55	6°39	24°51	1°59	6° 9	26° 5	21°57	22°39	16°16	14°57	20° 9	16°40	W11
T 12	17 33 16	23°14'49	1♓ 5	17°23	7°38	25°31	1°52	6°16	26° 3	21°59	22°39	16°13	14°54	20°16	16°41	T 12
F 13	17 37 13	24°11'57	13°58	16°54	8°37	26°10	1°45	6°24	26° 1	22° 1	22°40	16°11	14°51	20°22	16°41	F 13
S 14	17 41 9	25° 9'06	26°29	16°28	9°36	26°49	1°39	6°32	25°59	22° 3	22°40	16°D10	14°48	20°29	16°41	S 14
S 15	17 45 6	26° 6'15	8♈41	16° 6	10°36	27°28	1°33	6°39	25°57	22° 5	22°41	16°11	14°44	20°36	16°41	S 15
M16	17 49 2	27° 3'24	20°40	15°48	11°36	28° 7	1°26	6°47	25°55	22° 7	22°41	16°12	14°41	20°42	16°R41	M16
T 17	17 52 59	28° 0'34	2♉30	15°34	12°36	28°46	1°20	6°55	25°53	22° 8	22°42	16°14	14°38	20°49	16°41	T 17
W18	17 56 55	28°57'45	14°17	15°24	13°37	29°25	1°14	7° 3	25°51	22°10	22°42	16°R15	14°35	20°56	16°41	W18
T 19	18 0 52	29°54'56	26° 4	15°D20	14°38	0♋ 5	1° 8	7°10	25°49	22°12	22°43	16°14	14°32	21° 2	16°41	T 19
F 20	18 4 49	0♋52'07	7♊55	15°21	15°39	0°44	1° 2	7°18	25°47	22°14	22°44	16°12	14°28	21° 9	16°41	F 20
S 21	18 8 45	1°49'19	19°54	15°27	16°41	1°23	0°57	7°26	25°45	22°16	22°44	16° 7	14°25	21°15	16°41	S 21
S 22	18 12 42	2°46'31	2♋ 1	15°38	17°43	2° 2	0°51	7°34	25°43	22°18	22°45	16° 1	14°22	21°22	16°40	S 22
M23	18 16 38	3°43'44	14°19	15°54	18°45	2°41	0°46	7°41	25°41	22°20	22°46	15°53	14°19	21°29	16°40	M23
T 24	18 20 35	4°40'57	26°49	16°17	19°47	3°20	0°40	7°49	25°39	22°21	22°47	15°45	14°16	21°35	16°40	T 24
W25	18 24 31	5°38'11	9♌31	16°44	20°50	3°59	0°35	7°57	25°37	22°23	22°47	15°36	14°13	21°42	16°39	W25
T 26	18 28 28	6°35'24	22°26	17°17	21°53	4°37	0°30	8° 5	25°34	22°25	22°48	15°28	14° 9	21°49	16°39	T 26
F 27	18 32 24	7°32'38	5♍34	17°56	22°56	5°16	0°26	8°13	25°32	22°26	22°49	15°22	14° 6	21°55	16°38	F 27
S 28	18 36 21	8°29'53	18°55	18°40	23°59	5°55	0°21	8°20	25°30	22°28	22°50	15°19	14° 3	22° 2	16°38	S 28
S 29	18 40 18	9°27'07	2♎31	19°29	25° 3	6°34	0°16	8°28	25°28	22°30	22°51	15°17	14° 0	22° 9	16°37	S 29
M30	18 44 14	10♋24'22	16♎23	20♊24	26♉ 7	7♋13	0♐12	8♋36	25♏25	22♉31	22♍52	15°D17	13♉57	22♉15	16♓36	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n29	7n 0	4n16	20n55	2s31	8n 0	2s46	23n51	0n46	20s18	0n39	23n18	0s13	21s36	0s35	16n40	1s41	18n36	17n 7	16n54	16n35	17n55	1s 4	4n38
M 2	22 36	0 37	3 24	20 38	2 47	8 17	2 48	23 54	0 46	20 16	0 39	23 18	0 13	21 36	0 35	16 40	1 41	18 36	17 7	16 55	16 34	17 57	1 3	4 38
T 3	22 43	5s57	2 18	20 21	3 2	8 34	2 50	23 58	0 47	20 15	0 39	23 18	0 13	21 36	0 35	16 41	1 41	18 35	17 6	16 55	16 33	18 0	1 3	4 39
W 4	22 49	12 23	1 2	20 5	3 17	8 52	2 52	24 2	0 47	20 14	0 39	23 17	0 12	21 37	0 35	16 41	1 41	18 35	17 6	16 55	16 33	18 3	1 2	4 39
T 5	22 55	18 12	0s19	19 49	3 31	9 10	2 54	24 5	0 47	20 13	0 38	23 17	0 12	21 37	0 35	16 42	1 41	18 34	17 5	16 55	16 32	18 5	1 2	4 39
F 6	23 1	22 57	1 40	19 34	3 43	9 28	2 55	24 8	0 48	20 11	0 38	23 17	0 12	21 37	0 35	16 42	1 41	18 33	17 5	16 55	16 31	18 8	1 2	4 39
S 7	23 6	26 8	2 54	19 20	3 55	9 46	2 56	24 11	0 48	20 10	0 38	23 17	0 12	21 38	0 35	16 43	1 41	18 33	17 4	16 54	16 30	18 11	1 1	4 39
S 8	23 11	27 25	3 55	19 7	4 5	10 5	2 57	24 13	0 49	20 9	0 38	23 17	0 12	21 38	0 35	16 43	1 41	18 32	17 4	16 53	16 29	18 13	1 1	4 40
M 9	23 15	26 44	4 39	18 56	4 14	10 23	2 58	24 16	0 49	20 8	0 38	23 16	0 12	21 38	0 35	16 44	1 41	18 32	17 3	16 52	16 28	18 16	1 0	4 40
T 10	23 19	24 19	5 5	18 45	4 22	10 41	2 59	24 18	0 49	20 6	0 38	23 16	0 12	21 39	0 35	16 44	1 41	18 31	17 3	16 50	16 27	18 19	1 0	4 40
W11	23 23	20 33	5 12	18 36	4 28	11 0	3 0	24 20	0 50	20 5	0 37	23 16	0 12	21 39	0 35	16 45	1 41	18 30	17 2	16 49	16 26	18 21	1 0	4 40
T 12	23 26	15 51	5 1	18 29	4 32	11 19	3 0	24 22	0 50	20 4	0 37	23 16	0 12	21 40	0 35	16 45	1 41	18 30	17 1	16 48	16 25	18 24	0 59	4 40
F 13	23 29	10 35	4 36	18 23	4 35	11 37	3 1	24 23	0 51	20 3	0 37	23 15	0 12	21 40	0 35	16 46	1 41	18 29	17 1	16 48	16 24	18 26	0 59	4 41
S 14	23 31	5 3	3 58	18 19	4 37	11 56	3 1	24 25	0 51	20 2	0 37	23 15	0 11	21 40	0 35	16 46	1 41	18 28	17 0	16 47	16 23	18 29	0 59	4 41
S 15	23 33	0n33	3 10	18 17	4 37	12 14	3 1	24 26	0 51	20 1	0 37	23 15	0 11	21 41	0 35	16 47	1 41	18 28	17 0	16 48	16 22	18 32	0 59	4 41
M16	23 34	6 3	2 15	18 17	4 35	12 33	3 1	24 27	0 52	20 0	0 37	23 14	0 11	21 41	0 35	16 47	1 41	18 27	16 59	16 48	16 21	18 34	0 59	4 41
T 17	23 35	11 16	1 14	18 18	4 33	12 51	3 1	24 28	0 52	19 59	0 36	23 14	0 11	21 42	0 35	16 48	1 41	18 26	16 59	16 48	16 20	18 37	0 58	4 41
W18	23 36	16 4	0 11	18 21	4 28	13 10	3 0	24 29	0 52	19 57	0 36	23 14	0 11	21 42	0 35	16 48	1 41	18 26	16 58	16 49	16 19	18 40	0 58	4 42
T 19	23 36	20 16	0n53	18 26	4 23	13 28	3 0	24 29	0 53	19 56	0 36	23 13	0 11	21 42	0 35	16 49	1 41	18 25	16 58	16 49	16 18	18 42	0 58	4 42
F 20	23 36	23 40	1 55	18 33	4 16	13 47	2 59	24 29	0 53	19 55	0 36	23 13	0 11	21 43	0 35	16 49	1 41	18 24	16 57	16 48	16 17	18 45	0 58	4 42
S 21	23 35	26 4	2 52	18 41	4 8	14 5	2 59	24 29	0 54	19 54	0 36	23 13	0 11	21 43	0 35	16 50	1 41	18 23	16 57	16 47	16 17	18 47	0 58	4 42
S 22	23 34	27 17	3 42	18 51	3 59	14 23	2 58	24 29	0 54	19 54	0 35	23 12	0 11	21 44	0 35	16 50	1 42	18 23	16 56	16 45	16 16	18 50	0 58	4 43
M23	23 33	27 10	4 22	19 3	3 50	14 41	2 57	24 29	0 54	19 53	0 35	23 12	0 11	21 44	0 35	16 50	1 42	18 22	16 56	16 42	16 15	18 53	0 58	4 43
T 24	23 31	25 41	4 50	19 16	3 39	14 59	2 56	24 28	0 55	19 52	0 35	23 12	0 11	21 44	0 35	16 51	1 42	18 21	16 55	16 40	16 14	18 55	0 58	4 43
W25	23 29	22 53	5 5	19 30	3 28	15 17	2 55	24 28	0 55	19 51	0 35	23 11	0 10	21 45	0 35	16 51	1 42	18 20	16 55	16 37	16 13	18 58	0 58	4 43
T 26	23 26	18 55	5 5	19 45	3 16	15 34	2 53	24 27	0 55	19 50	0 35	23 11	0 10	21 45	0 35	16 52	1 42	18 19	16 54	16 35	16 12	19 0	0 58	4 43
F 27	23 23	14 0	4 48	20 1	3 3	15 52	2 52	24 25	0 56	19 49	0 34	23 11	0 10	21 46	0 36	16 52	1 42	18 19	16 54	16 33	16 11	19 3	0 58	4 44
S 28	23 20	8 20	4 16	20 17	2 50	16 9	2 51	24 24	0 56	19 48	0 34	23 10	0 10	21 46	0 36	16 53	1 42	18 18	16 53	16 32	16 10	19 6	0 58	4 44
S 29	23 16	2 11	3 29	20 35	2 37	16 26	2 49	24 23	0 56	19 48	0 34	23 10	0 10	21 47	0 36	16 53	1 42	18 17	16 53	16 32	16 9	19 8	0 58	4 44
M30	23n12	4s12	2n29	20n52	2s23	16n42	2s47	24n21	0n57	19s47	0n34	23n 9	0s10	21s47	0s36	16n53	1s42	18n16	16n52	16n32	16n 8	19n11	0s58	4n44

Julian Day Number = 1990763.5, Delta T = 55m05s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'00, Lahiri = 6°17'00 Julian Calendar 1 June 738 == Greg. Calendar 5 June 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

JULY 738 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 48 11	11♋21'37	0♏30	21♊24	27♉11	7♋52	0°R 8	8♋44	25°R23	22♉33	22♍53	15♉18	13♉54	22♉22	16°R36	T 1
W 2	18 52 7	12°18'53	14°51	22°29	28°15	8°30	0♐ 4	8°52	25♏21	22°35	22°54	15°R18	13°50	22°29	16♓35	W 2
T 3	18 56 4	13°16'09	29°25	23°39	29°20	9° 9	29♏59	8°59	25°18	22°36	22°55	15°17	13°47	22°35	16°34	T 3
F 4	19 0 0	14°13'26	14♐ 8	24°54	0♊24	9°48	29°56	9° 7	25°16	22°38	22°56	15°14	13°44	22°42	16°33	F 4
S 5	19 3 57	15°10'44	28°52	26°14	1°29	10°27	29°53	9°15	25°14	22°39	22°57	15° 9	13°41	22°49	16°32	S 5
S 6	19 7 53	16° 8'02	13♑33	27°38	2°34	11° 5	29°49	9°23	25°11	22°41	22°59	15° 2	13°38	22°55	16°31	S 6
M 7	19 11 50	17° 5'21	28° 1	29° 8	3°40	11°44	29°46	9°30	25° 9	22°42	23° 0	14°53	13°34	23° 2	16°30	M 7
T 8	19 15 47	18° 2'41	12♒10	0♋41	4°45	12°23	29°43	9°38	25° 7	22°44	23° 1	14°43	13°31	23° 8	16°29	T 8
W 9	19 19 43	19° 0'02	25°56	2°19	5°51	13° 1	29°40	9°46	25° 4	22°45	23° 2	14°33	13°28	23°15	16°28	W 9
T 10	19 23 40	19°57'24	9♓16	4° 1	6°57	13°40	29°38	9°54	25° 2	22°47	23° 4	14°26	13°25	23°22	16°27	T 10
F 11	19 27 36	20°54'47	22°11	5°46	8° 3	14°18	29°35	10° 1	24°59	22°48	23° 5	14°20	13°22	23°28	16°25	F 11
S 12	19 31 33	21°52'11	4♈43	7°34	9° 9	14°57	29°33	10° 9	24°57	22°49	23° 6	14°16	13°19	23°35	16°24	S 12
S 13	19 35 29	22°49'37	16°56	9°26	10°15	15°35	29°31	10°17	24°55	22°51	23° 8	14°15	13°15	23°42	16°23	S 13
M14	19 39 26	23°47'03	28°55	11°20	11°22	16°14	29°29	10°24	24°52	22°52	23° 9	14°D15	13°12	23°48	16°21	M14
T 15	19 43 22	24°44'32	10♉46	13°17	12°29	16°53	29°27	10°32	24°50	22°53	23°10	14°R15	13° 9	23°55	16°20	T 15
W16	19 47 19	25°42'01	22°33	15°16	13°36	17°31	29°26	10°40	24°47	22°55	23°12	14°15	13° 6	24° 2	16°18	W16
T 17	19 51 16	26°39'32	4♊23	17°16	14°43	18°10	29°24	10°47	24°45	22°56	23°13	14°13	13° 3	24° 8	16°17	T 17
F 18	19 55 12	27°37'05	16°19	19°17	15°50	18°48	29°23	10°55	24°43	22°57	23°15	14° 9	13° 0	24°15	16°15	F 18
S 19	19 59 9	28°34'39	28°25	21°19	16°57	19°26	29°22	11° 3	24°40	22°58	23°16	14° 2	12°56	24°22	16°14	S 19
S 20	20 3 5	29°32'14	10♋43	23°22	18° 5	20° 5	29°21	11°10	24°38	22°59	23°18	13°53	12°53	24°28	16°12	S 20
M21	20 7 2	0♌29'51	23°17	25°25	19°12	20°43	29°21	11°18	24°36	23° 0	23°20	13°42	12°50	24°35	16°10	M21
T 22	20 10 58	1°27'28	6♌ 5	27°29	20°20	21°22	29°20	11°25	24°33	23° 1	23°21	13°29	12°47	24°42	16° 9	T 22
W23	20 14 55	2°25'08	19° 8	29°31	21°28	22° 0	29°20	11°33	24°31	23° 2	23°23	13°17	12°44	24°48	16° 7	W23
T 24	20 18 52	3°22'48	2♍23	1♌34	22°36	22°39	29°D20	11°40	24°28	23° 3	23°24	13° 6	12°40	24°55	16° 5	T 24
F 25	20 22 48	4°20'29	15°50	3°35	23°45	23°17	29°20	11°48	24°26	23° 4	23°26	12°57	12°37	25° 1	16° 3	F 25
S 26	20 26 45	5°18'12	29°28	5°36	24°53	23°55	29°20	11°55	24°24	23° 5	23°28	12°50	12°34	25° 8	16° 1	S 26
S 27	20 30 41	6°15'56	13♎14	7°36	26° 1	24°34	29°21	12° 2	24°21	23° 6	23°30	12°47	12°31	25°15	15°59	S 27
M28	20 34 38	7°13'41	27° 8	9°35	27°10	25°12	29°22	12°10	24°19	23° 7	23°31	12°45	12°28	25°21	15°57	M28
T 29	20 38 34	8°11'27	11♏10	11°33	28°19	25°50	29°22	12°17	24°17	23° 8	23°33	12°45	12°25	25°28	15°55	T 29
W30	20 42 31	9° 9'14	25°19	13°29	29°28	26°28	29°23	12°24	24°14	23° 9	23°35	12°45	12°21	25°35	15°53	W30
T 31	20 46 27	10♌ 7'03	9♐35	15♌25	0♋37	27♋ 7	29♏25	12♋31	24♑12	23♉10	23♍37	12♉43	12♉18	25♉41	15♓51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	10s30	1n19	21n10	2s 9	16n59	2s45	24n19	0n57	19s46	0n34	23n 9	0s10	21s47	0s36	16n54	1s42	18n15	16n52	16n32	16n 7	19n13	0s58	4n44
W 2	23 2	16 22	0 2	21 28	1 55	17 15	2 44	24 17	0 57	19 46	0 33	23 8	0 10	21 48	0 36	16 54	1 42	18 14	16 51	16 32	16 6	19 16	0 58	4 45
T 3	22 56	21 23	1s15	21 46	1 41	17 31	2 42	24 15	0 58	19 45	0 33	23 8	0 10	21 48	0 36	16 54	1 42	18 13	16 51	16 32	16 5	19 18	0 58	4 45
F 4	22 50	25 6	2 28	22 4	1 27	17 46	2 40	24 12	0 58	19 44	0 33	23 8	0 10	21 49	0 36	16 55	1 42	18 13	16 50	16 31	16 4	19 21	0 58	4 45
S 5	22 44	27 7	3 31	22 21	1 12	18 2	2 38	24 9	0 58	19 44	0 33	23 7	0 10	21 49	0 36	16 55	1 42	18 12	16 50	16 30	16 3	19 24	0 59	4 45
S 6	22 37	27 13	4 20	22 37	0 58	18 17	2 35	24 7	0 59	19 43	0 33	23 7	0 10	21 50	0 36	16 55	1 42	18 11	16 49	16 27	16 2	19 26	0 59	4 45
M 7	22 30	25 27	4 51	22 52	0 44	18 31	2 33	24 4	0 59	19 43	0 32	23 6	0 9	21 50	0 36	16 56	1 42	18 10	16 49	16 25	16 1	19 29	0 59	4 45
T 8	22 23	22 7	5 4	23 5	0 31	18 46	2 31	24 0	0 59	19 42	0 32	23 6	0 9	21 51	0 36	16 56	1 42	18 9	16 48	16 22	16 0	19 31	0 59	4 46
W 9	22 15	17 38	4 58	23 17	0 18	19 0	2 28	23 57	1 0	19 42	0 32	23 5	0 9	21 51	0 36	16 56	1 42	18 8	16 48	16 19	15 59	19 34	0 59	4 46
T 10	22 7	12 24	4 36	23 28	0 5	19 13	2 26	23 53	1 0	19 42	0 32	23 5	0 9	21 51	0 36	16 57	1 42	18 7	16 47	16 17	15 58	19 36	1 0	4 46
F 11	21 58	6 48	4 1	23 36	0n 8	19 27	2 23	23 50	1 0	19 41	0 31	23 4	0 9	21 52	0 36	16 57	1 42	18 6	16 47	16 15	15 57	19 39	1 0	4 46
S 12	21 49	1 5	3 14	23 43	0 19	19 40	2 20	23 46	1 0	19 41	0 31	23 4	0 9	21 52	0 36	16 57	1 42	18 5	16 46	16 14	15 57	19 41	1 0	4 46
S 13	21 39	4n32	2 20	23 47	0 31	19 52	2 18	23 41	1 1	19 41	0 31	23 3	0 9	21 53	0 36	16 58	1 42	18 4	16 46	16 13	15 56	19 44	1 1	4 47
M14	21 30	9 54	1 21	23 48	0 41	20 4	2 15	23 37	1 1	19 41	0 31	23 3	0 9	21 53	0 36	16 58	1 42	18 3	16 45	16 13	15 55	19 46	1 1	4 47
T 15	21 19	14 52	0 19	23 47	0 51	20 16	2 12	23 33	1 1	19 40	0 31	23 2	0 9	21 54	0 36	16 58	1 42	18 2	16 45	16 14	15 54	19 49	1 2	4 47
W16	21 9	19 15	0n44	23 43	1 0	20 27	2 9	23 28	1 2	19 40	0 30	23 2	0 9	21 54	0 36	16 59	1 42	18 1	16 45	16 14	15 53	19 51	1 2	4 47
T 17	20 58	22 53	1 45	23 37	1 8	20 38	2 6	23 23	1 2	19 40	0 30	23 1	0 9	21 55	0 36	16 59	1 42	18 0	16 44	16 13	15 52	19 54	1 2	4 47
F 18	20 47	25 34	2 42	23 27	1 16	20 48	2 3	23 18	1 2	19 40	0 30	23 1	0 8	21 55	0 36	16 59	1 43	17 59	16 44	16 12	15 51	19 56	1 3	4 47
S 19	20 35	27 7	3 32	23 15	1 22	20 58	2 0	23 13	1 3	19 40	0 30	23 0	0 8	21 55	0 36	16 59	1 43	17 58	16 43	16 10	15 50	19 59	1 3	4 47
S 20	20 23	27 22	4 13	23 1	1 28	21 7	1 57	23 8	1 3	19 40	0 30	23 0	0 8	21 56	0 36	17 0	1 43	17 57	16 43	16 7	15 49	20 1	1 4	4 48
M21	20 11	26 13	4 42	22 44	1 33	21 16	1 54	23 2	1 3	19 40	0 29	22 59	0 8	21 56	0 36	17 0	1 43	17 56	16 42	16 4	15 48	20 4	1 4	4 48
T 22	19 58	23 41	4 58	22 24	1 37	21 24	1 51	22 56	1 3	19 40	0 29	22 58	0 8	21 57	0 36	17 0	1 43	17 55	16 42	16 0	15 47	20 6	1 5	4 48
W23	19 45	19 55	4 59	22 2	1 41	21 32	1 48	22 50	1 4	19 41	0 29	22 58	0 8	21 57	0 36	17 0	1 43	17 54	16 42	15 56	15 46	20 9	1 6	4 48
T 24	19 32	15 6	4 44	21 38	1 43	21 39	1 44	22 44	1 4	19 41	0 29	22 57	0 8	21 58	0 36	17 0	1 43	17 53	16 41	15 53	15 45	20 11	1 6	4 48
F 25	19 18	9 30	4 13	21 11	1 45	21 46	1 41	22 38	1 4	19 41	0 29	22 57	0 8	21 58	0 36	17 1	1 43	17 52	16 41	15 50	15 44	20 14	1 7	4 48
S 26	19 4	3 23	3 28	20 43	1 46	21 52	1 38	22 32	1 4	19 41	0 28	22 56	0 8	21 58	0 36	17 1	1 43	17 51	16 40	15 48	15 43	20 16	1 7	4 48
S 27	18 50	2s58	2 29	20 13	1 47	21 58	1 34	22 25	1 5	19 42	0 28	22 56	0 8	21 59	0 36	17 1	1 43	17 50	16 40	15 47	15 42	20 19	1 8	4 49
M28	18 36	9 15	1 22	19 41	1 46	22 3	1 31	22 18	1 5	19 42	0 28	22 55	0 8	21 59	0 36	17 1	1 43	17 49	16 40	15 46	15 41	20 21	1 9	4 49
T 29	18 21	15 9	0 8	19 8	1 46	22 8	1 28	22 12	1 5	19 42	0 28	22 54	0 8	22 0	0 36	17 1	1 43	17 48	16 39	15 46	15 40	20 24	1 9	4 49
W30	18 5	20 18	1s 6	18 33	1 44	22 12	1 24	22 4	1 6	19 43	0 27	22 54	0 7	22 0	0 36	17 1	1 43	17 47	16 39	15 46	15 39	20 26	1 10	4 49
T 31	17n50	24s18	2s17	17n57	1n42	22n15	1s21	21n57	1n 6	19s43	0n27	22n53	0s 7	22s 0	0s36	17n 2	1s43	17n46	16n39	15n46	15n38	20n28	1s11	4n49

Julian Day Number = 1990793.5, Delta T = 55m04s
Ecliptic obliquity = 23°36'14, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'04, Lahiri = 6°17'04 Julian Calendar 1 July 738 == Greg. Calendar 5 July 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

AUGUST 738 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 50 24	11♌ 4'53	23♐55	17♌19	1♋46	27♋45	29♏26	12♋39	24°R10	23♉10	23♍39	12°R39	12♉15	25♉48	15°R49	F 1
S 2	20 54 21	12° 2'44	8♑15	19°11	2°55	28°23	29°28	12°46	24♑ 8	23°11	23°40	12♉33	12°12	25°55	15♓47	S 2
S 3	20 58 17	13° 0'37	22°32	21° 3	4° 4	29° 1	29°30	12°53	24° 5	23°12	23°42	12°23	12° 9	26° 1	15°45	S 3
M 4	21 2 14	13°58'31	6♒39	22°53	5°14	29°40	29°32	13° 0	24° 3	23°13	23°44	12°12	12° 6	26° 8	15°42	M 4
T 5	21 6 10	14°56'27	20°31	24°42	6°24	0♌18	29°34	13° 7	24° 1	23°13	23°46	12° 0	12° 2	26°15	15°40	T 5
W 6	21 10 7	15°54'24	4♓ 5	26°29	7°33	0°56	29°36	13°14	23°59	23°14	23°48	11°48	11°59	26°21	15°38	W 6
T 7	21 14 3	16°52'23	17°18	28°15	8°43	1°34	29°39	13°21	23°57	23°14	23°50	11°38	11°56	26°28	15°36	T 7
F 8	21 18 0	17°50'23	0♈ 9	0♍ 0	9°53	2°12	29°41	13°28	23°55	23°15	23°52	11°30	11°53	26°35	15°33	F 8
S 9	21 21 56	18°48'26	12°39	1°44	11° 3	2°50	29°44	13°35	23°52	23°15	23°54	11°25	11°50	26°41	15°31	S 9
S 10	21 25 53	19°46'31	24°52	3°26	12°13	3°29	29°47	13°42	23°50	23°16	23°56	11°23	11°46	26°48	15°28	S 10
M11	21 29 49	20°44'37	6♉51	5° 7	13°24	4° 7	29°50	13°48	23°48	23°16	23°58	11°D22	11°43	26°55	15°26	M11
T 12	21 33 46	21°42'46	18°42	6°47	14°34	4°45	29°54	13°55	23°46	23°17	24° 0	11°R22	11°40	27° 1	15°24	T 12
W13	21 37 43	22°40'57	0♊30	8°26	15°45	5°23	29°57	14° 2	23°44	23°17	24° 2	11°22	11°37	27° 8	15°21	W13
T 14	21 41 39	23°39'10	12°22	10° 3	16°55	6° 1	0♐ 1	14° 9	23°42	23°18	24° 4	11°20	11°34	27°14	15°19	T 14
F 15	21 45 36	24°37'25	24°20	11°39	18° 6	6°39	0° 5	14°15	23°40	23°18	24° 6	11°17	11°31	27°21	15°16	F 15
S 16	21 49 32	25°35'42	6♋32	13°15	19°17	7°17	0° 9	14°22	23°38	23°18	24° 8	11°11	11°27	27°28	15°13	S 16
S 17	21 53 29	26°34'01	18°59	14°48	20°28	7°55	0°13	14°28	23°37	23°18	24°11	11° 2	11°24	27°34	15°11	S 17
M18	21 57 25	27°32'22	1♌45	16°21	21°39	8°33	0°18	14°35	23°35	23°19	24°13	10°52	11°21	27°41	15° 8	M18
T 19	22 1 22	28°30'45	14°49	17°53	22°50	9°11	0°23	14°41	23°33	23°19	24°15	10°40	11°18	27°48	15° 6	T 19
W20	22 5 19	29°29'10	28°13	19°23	24° 1	9°49	0°27	14°47	23°31	23°19	24°17	10°28	11°15	27°54	15° 3	W20
T 21	22 9 15	0♍27'37	11♍52	20°53	25°13	10°27	0°32	14°54	23°29	23°19	24°19	10°17	11°11	28° 1	15° 0	T 21
F 22	22 13 12	1°26'05	25°44	22°21	26°24	11° 5	0°37	15° 0	23°27	23°19	24°21	10° 9	11° 8	28° 8	14°58	F 22
S 23	22 17 8	2°24'36	9♎45	23°48	27°36	11°43	0°43	15° 6	23°26	23°19	24°24	10° 3	11° 5	28°14	14°55	S 23
S 24	22 21 5	3°23'08	23°51	25°13	28°47	12°21	0°48	15°12	23°24	23°R19	24°26	9°59	11° 2	28°21	14°52	S 24
M25	22 25 1	4°21'42	8♏ 0	26°38	29°59	12°59	0°54	15°18	23°22	23°19	24°28	9°D58	10°59	28°28	14°50	M25
T 26	22 28 58	5°20'18	22° 9	28° 1	1♌11	13°37	0°59	15°24	23°21	23°19	24°30	9°59	10°56	28°34	14°47	T 26
W27	22 32 54	6°18'56	6♐17	29°23	2°22	14°15	1° 5	15°30	23°19	23°19	24°33	9°R59	10°52	28°41	14°44	W27
T 28	22 36 51	7°17'35	20°23	0♎44	3°34	14°53	1°11	15°36	23°18	23°19	24°35	9°58	10°49	28°48	14°41	T 28
F 29	22 40 47	8°16'16	4♑26	2° 3	4°46	15°31	1°18	15°41	23°16	23°19	24°37	9°56	10°46	28°54	14°39	F 29
S 30	22 44 44	9°14'59	18°23	3°21	5°59	16° 9	1°24	15°47	23°15	23°19	24°39	9°51	10°43	29° 1	14°36	S 30
S 31	22 48 41	10♍13'44	2♒14	4♎38	7♌11	16♌47	1♐31	15♋53	23♑14	23♉18	24♍42	9♉43	10♉40	29♉ 8	14♓33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n34	26s47	3s19	17n20	1n40	22n18	1s17	21n50	1n 6	19s44	0n27	22n53	0s 7	22s 1	0s36	17n 2	1s43	17n45	16n38	15n45	15n37	20n31	1s11	4n49
S 2	17 18	27 29	4 9	16 42	1 37	22 20	1 14	21 42	1 6	19 44	0 27	22 52	0 7	22 1	0 36	17 2	1 43	17 44	16 38	15 43	15 36	20 33	1 12	4 49
S 3	17 2	26 21	4 43	16 3	1 33	22 22	1 10	21 35	1 7	19 45	0 27	22 51	0 7	22 2	0 36	17 2	1 43	17 43	16 38	15 40	15 35	20 36	1 13	4 49
M 4	16 45	23 33	4 59	15 23	1 29	22 23	1 7	21 27	1 7	19 45	0 26	22 51	0 7	22 2	0 36	17 2	1 43	17 42	16 37	15 36	15 34	20 38	1 14	4 49
T 5	16 28	19 26	4 57	14 43	1 25	22 24	1 3	21 19	1 7	19 46	0 26	22 50	0 7	22 2	0 36	17 2	1 43	17 41	16 37	15 33	15 33	20 41	1 14	4 50
W 6	16 11	14 23	4 38	14 2	1 21	22 23	1 0	21 11	1 7	19 47	0 26	22 50	0 7	22 3	0 36	17 2	1 44	17 40	16 37	15 29	15 32	20 43	1 15	4 50
T 7	15 53	8 48	4 5	13 21	1 16	22 23	0 56	21 3	1 8	19 48	0 26	22 49	0 7	22 3	0 36	17 2	1 44	17 39	16 36	15 26	15 31	20 45	1 16	4 50
F 8	15 35	3 0	3 20	12 39	1 10	22 21	0 53	20 54	1 8	19 48	0 26	22 48	0 7	22 4	0 36	17 3	1 44	17 38	16 36	15 23	15 30	20 48	1 17	4 50
S 9	15 17	2n48	2 26	11 56	1 5	22 19	0 49	20 46	1 8	19 49	0 25	22 48	0 7	22 4	0 36	17 3	1 44	17 37	16 36	15 22	15 29	20 50	1 18	4 50
S 10	14 59	8 21	1 26	11 14	0 59	22 17	0 46	20 37	1 8	19 50	0 25	22 47	0 7	22 4	0 36	17 3	1 44	17 35	16 36	15 21	15 28	20 53	1 19	4 50
M11	14 41	13 31	0 24	10 31	0 53	22 13	0 42	20 28	1 8	19 51	0 25	22 47	0 6	22 5	0 36	17 3	1 44	17 34	16 35	15 21	15 27	20 55	1 19	4 50
T 12	14 22	18 8	0n39	9 48	0 46	22 9	0 39	20 19	1 9	19 52	0 25	22 46	0 6	22 5	0 36	17 3	1 44	17 33	16 35	15 21	15 26	20 57	1 20	4 50
W13	14 3	22 1	1 40	9 5	0 40	22 5	0 35	20 10	1 9	19 53	0 25	22 45	0 6	22 5	0 36	17 3	1 44	17 32	16 35	15 21	15 25	21 0	1 21	4 50
T 14	13 44	25 1	2 37	8 21	0 33	22 0	0 32	20 1	1 9	19 54	0 25	22 45	0 6	22 6	0 36	17 3	1 44	17 31	16 34	15 20	15 24	21 2	1 22	4 50
F 15	13 24	26 56	3 27	7 38	0 26	21 54	0 28	19 51	1 9	19 55	0 24	22 44	0 6	22 6	0 36	17 3	1 44	17 30	16 34	15 19	15 23	21 4	1 23	4 50
S 16	13 5	27 35	4 9	6 55	0 19	21 48	0 25	19 42	1 10	19 56	0 24	22 43	0 6	22 6	0 36	17 3	1 44	17 29	16 34	15 17	15 22	21 7	1 24	4 50
S 17	12 45	26 52	4 40	6 12	0 11	21 41	0 22	19 32	1 10	19 57	0 24	22 43	0 6	22 7	0 36	17 3	1 44	17 28	16 34	15 15	15 21	21 9	1 25	4 50
M18	12 25	24 45	4 58	5 29	0 4	21 33	0 18	19 22	1 10	19 58	0 24	22 42	0 6	22 7	0 36	17 3	1 44	17 27	16 34	15 11	15 20	21 12	1 26	4 50
T 19	12 4	21 17	5 1	4 46	0s 4	21 25	0 15	19 13	1 10	19 59	0 24	22 42	0 6	22 7	0 36	17 3	1 44	17 26	16 33	15 7	15 19	21 14	1 27	4 50
W20	11 44	16 40	4 48	4 3	0 11	21 16	0 11	19 2	1 10	20 0	0 23	22 41	0 6	22 7	0 36	17 3	1 44	17 25	16 33	15 4	15 18	21 16	1 28	4 50
T 21	11 23	11 7	4 18	3 21	0 19	21 7	0 8	18 52	1 11	20 2	0 23	22 40	0 6	22 8	0 36	17 3	1 44	17 24	16 33	15 0	15 17	21 19	1 29	4 50
F 22	11 2	4 57	3 32	2 39	0 27	20 57	0 5	18 42	1 11	20 3	0 23	22 40	0 6	22 8	0 36	17 3	1 44	17 23	16 33	14 58	15 16	21 21	1 30	4 51
S 23	10 41	1s32	2 33	1 57	0 35	20 46	0 1	18 32	1 11	20 4	0 23	22 39	0 5	22 8	0 36	17 3	1 44	17 22	16 33	14 56	15 15	21 23	1 31	4 51
S 24	10 20	8 0	1 25	1 15	0 43	20 35	0n 2	18 21	1 11	20 5	0 23	22 39	0 5	22 9	0 36	17 3	1 44	17 21	16 32	14 55	15 14	21 26	1 32	4 51
M25	9 59	14 6	0 11	0 34	0 51	20 23	0 5	18 10	1 11	20 7	0 22	22 38	0 5	22 9	0 36	17 3	1 45	17 20	16 32	14 54	15 13	21 28	1 33	4 51
T 26	9 37	19 28	1s 5	0s 6	0 59	20 10	0 8	18 0	1 12	20 8	0 22	22 37	0 5	22 9	0 35	17 3	1 45	17 19	16 32	14 55	15 12	21 30	1 34	4 51
W27	9 15	23 44	2 16	0 47	1 7	19 57	0 11	17 49	1 12	20 10	0 22	22 37	0 5	22 9	0 35	17 3	1 45	17 18	16 32	14 55	15 11	21 32	1 35	4 51
T 28	8 53	26 33	3 18	1 26	1 15	19 44	0 15	17 38	1 12	20 11	0 22	22 36	0 5	22 10	0 35	17 2	1 45	17 17	16 32	14 54	15 10	21 35	1 36	4 50
F 29	8 31	27 40	4 8	2 5	1 23	19 29	0 18	17 27	1 12	20 12	0 22	22 36	0 5	22 10	0 35	17 2	1 45	17 16	16 32	14 54	15 9	21 37	1 37	4 50
S 30	8 9	27 1	4 44	2 44	1 31	19 15	0 21	17 15	1 12	20 14	0 22	22 35	0 5	22 10	0 35	17 2	1 45	17 14	16 32	14 52	15 8	21 39	1 38	4 50
S 31	7n47	24s42	5s 2	3s22	1s39	18n59	0n24	17n 4	1n13	20s15	0n21	22n34	0s 5	22s10	0s35	17n 2	1s45	17n13	16n31	14n50	15n 7	21n42	1s40	4n50

Julian Day Number = 1990824.5, Delta T = 55m04s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'08, Lahiri = 6°17'08 Julian Calendar 1 Aug. 738 == Greg. Calendar 5 Aug. 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

SEPTEMBER 738 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 52 37	11♍12'30	15♒55	5♎53	8♌23	17♌25	1♐37	15♋58	23°R12	23°R18	24♍44	9°R34	10♉37	29♉14	14°R30	M 1
T 2	22 56 34	12°11'18	29°23	7° 6	9°35	18° 3	1°44	16° 4	23♏11	23♉18	24°46	9♉24	10°33	29°21	14♓28	T 2
W 3	23 0 30	13°10'08	12♓37	8°18	10°48	18°40	1°51	16° 9	23°10	23°17	24°49	9°14	10°30	29°28	14°25	W 3
T 4	23 4 27	14° 9'01	25°34	9°28	12° 0	19°18	1°58	16°15	23° 8	23°17	24°51	9° 6	10°27	29°34	14°22	T 4
F 5	23 8 23	15° 7'55	8♈13	10°36	13°13	19°56	2° 5	16°20	23° 7	23°17	24°53	9° 0	10°24	29°41	14°19	F 5
S 6	23 12 20	16° 6'51	20°37	11°42	14°26	20°34	2°13	16°25	23° 6	23°16	24°56	8°56	10°21	29°47	14°16	S 6
S 7	23 16 16	17° 5'50	2♉46	12°46	15°38	21°12	2°20	16°30	23° 5	23°16	24°58	8°54	10°17	29°54	14°14	S 7
M 8	23 20 13	18° 4'51	14°43	13°48	16°51	21°50	2°28	16°35	23° 4	23°15	25° 0	8°D54	10°14	0♊ 1	14°11	M 8
T 9	23 24 10	19° 3'55	26°34	14°47	18° 4	22°27	2°36	16°40	23° 3	23°15	25° 3	8°55	10°11	0° 7	14° 8	T 9
W10	23 28 6	20° 3'01	8♊22	15°43	19°17	23° 5	2°44	16°45	23° 2	23°14	25° 5	8°56	10° 8	0°14	14° 5	W10
T 11	23 32 3	21° 2'09	20°13	16°36	20°30	23°43	2°52	16°50	23° 1	23°14	25° 7	8°R57	10° 5	0°21	14° 3	T 11
F 12	23 35 59	22° 1'19	2♋12	17°26	21°43	24°21	3° 0	16°55	23° 0	23°13	25°10	8°56	10° 2	0°27	14° 0	F 12
S 13	23 39 56	23° 0'32	14°24	18°13	22°57	24°59	3° 8	16°59	22°59	23°12	25°12	8°54	9°58	0°34	13°57	S 13
S 14	23 43 52	23°59'48	26°54	18°56	24°10	25°36	3°17	17° 4	22°58	23°12	25°14	8°49	9°55	0°41	13°54	S 14
M15	23 47 49	24°59'06	9♌45	19°35	25°23	26°14	3°25	17° 8	22°58	23°11	25°17	8°43	9°52	0°47	13°52	M15
T 16	23 51 45	25°58'25	22°58	20° 9	26°37	26°52	3°34	17°13	22°57	23°10	25°19	8°36	9°49	0°54	13°49	T 16
W17	23 55 42	26°57'48	6♍35	20°38	27°50	27°30	3°43	17°17	22°56	23°10	25°21	8°29	9°46	1° 1	13°46	W17
T 18	23 59 39	27°57'12	20°33	21° 1	29° 4	28° 7	3°52	17°21	22°56	23° 9	25°24	8°23	9°43	1° 7	13°44	T 18
F 19	0 3 35	28°56'38	4♎48	21°19	0♍17	28°45	4° 1	17°25	22°55	23° 8	25°26	8°17	9°39	1°14	13°41	F 19
S 20	0 7 32	29°56'07	19°15	21°31	1°31	29°23	4°10	17°29	22°55	23° 7	25°28	8°14	9°36	1°21	13°38	S 20
S 21	0 11 28	0♎55'38	3♏48	21°R35	2°45	0♍ 1	4°20	17°33	22°54	23° 6	25°31	8°D13	9°33	1°27	13°36	S 21
M22	0 15 25	1°55'10	18°21	21°32	3°58	0°38	4°29	17°37	22°54	23° 5	25°33	8°13	9°30	1°34	13°33	M22
T 23	0 19 21	2°54'45	2♐49	21°21	5°12	1°16	4°39	17°41	22°53	23° 4	25°35	8°14	9°27	1°41	13°31	T 23
W24	0 23 18	3°54'21	17° 9	21° 2	6°26	1°54	4°48	17°44	22°53	23° 3	25°38	8°16	9°23	1°47	13°28	W24
T 25	0 27 14	4°53'59	1♑18	20°35	7°40	2°31	4°58	17°48	22°53	23° 2	25°40	8°R17	9°20	1°54	13°25	T 25
F 26	0 31 11	5°53'39	15°14	19°59	8°54	3° 9	5° 8	17°51	22°53	23° 1	25°42	8°16	9°17	2° 1	13°23	F 26
S 27	0 35 8	6°53'20	28°57	19°14	10° 8	3°47	5°18	17°55	22°53	23° 0	25°45	8°14	9°14	2° 7	13°20	S 27
S 28	0 39 4	7°53'04	12♒28	18°21	11°22	4°24	5°28	17°58	22°52	22°59	25°47	8°11	9°11	2°14	13°18	S 28
M29	0 43 1	8°52'49	25°45	17°20	12°36	5° 2	5°38	18° 1	22°D52	22°58	25°49	8° 7	9° 8	2°21	13°16	M29
T 30	0 46 57	9♎52'36	8♓49	16♎13	13♍51	5♍40	5♐49	18♋ 4	22♑52	22♉57	25♍52	8♉ 2	9♉ 4	2♊27	13♓13	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	7n25	20s59	5s 3	3s59	1s47	18n43	0n27	16n53	1n13	20s17	0n21	22n34	0s 5	22s11	0s35	17n 2	1s45	17n12	16n31	14n47	15n 6	21n44	1s41	4n50	M 1
T 2	7 2	16 14	4 46	4 35	1 54	18 27	0 30	16 41	1 13	20 18	0 21	22 33	0 5	22 11	0 35	17 2	1 45	17 11	16 31	14 43	15 5	21 46	1 42	4 50	T 2
W 3	6 39	10 48	4 15	5 11	2 2	18 10	0 32	16 29	1 13	20 20	0 21	22 33	0 5	22 11	0 35	17 2	1 45	17 10	16 31	14 40	15 4	21 49	1 43	4 50	W 3
T 4	6 17	5 0	3 31	5 46	2 10	17 52	0 35	16 18	1 13	20 22	0 21	22 32	0 4	22 11	0 35	17 2	1 45	17 9	16 31	14 38	15 3	21 51	1 44	4 50	T 4
F 5	5 54	0n53	2 37	6 19	2 17	17 34	0 38	16 6	1 14	20 23	0 21	22 32	0 4	22 11	0 35	17 2	1 45	17 8	16 31	14 36	15 2	21 53	1 45	4 50	F 5
S 6	5 31	6 37	1 37	6 52	2 24	17 16	0 41	15 54	1 14	20 25	0 20	22 31	0 4	22 11	0 35	17 1	1 45	17 7	16 31	14 34	15 1	21 55	1 46	4 50	S 6
S 7	5 8	12 0	0 33	7 24	2 31	16 57	0 43	15 42	1 14	20 27	0 20	22 30	0 4	22 12	0 35	17 1	1 45	17 6	16 31	14 34	15 0	21 58	1 47	4 50	S 7
M 8	4 45	16 52	0n31	7 54	2 38	16 37	0 46	15 30	1 14	20 28	0 20	22 30	0 4	22 12	0 35	17 1	1 45	17 6	16 31	14 34	14 59	22 0	1 48	4 50	M 8
T 9	4 21	21 3	1 34	8 23	2 44	16 17	0 49	15 17	1 14	20 30	0 20	22 29	0 4	22 12	0 35	17 1	1 45	17 5	16 31	14 34	14 58	22 2	1 50	4 50	T 9
W10	3 58	24 22	2 32	8 51	2 51	15 57	0 51	15 5	1 14	20 32	0 20	22 29	0 4	22 12	0 35	17 1	1 45	17 4	16 31	14 34	14 57	22 4	1 51	4 50	W10
T 11	3 35	26 38	3 24	9 17	2 57	15 36	0 53	14 53	1 15	20 33	0 20	22 28	0 4	22 12	0 35	17 0	1 45	17 3	16 31	14 35	14 56	22 7	1 52	4 50	T 11
F 12	3 11	27 43	4 8	9 42	3 2	15 14	0 56	14 40	1 15	20 35	0 19	22 28	0 4	22 12	0 35	17 0	1 45	17 2	16 31	14 34	14 55	22 9	1 53	4 50	F 12
S 13	2 48	27 29	4 42	10 4	3 7	14 53	0 58	14 28	1 15	20 37	0 19	22 27	0 4	22 13	0 35	17 0	1 46	17 1	16 31	14 34	14 54	22 11	1 54	4 50	S 13
S 14	2 24	25 52	5 3	10 25	3 12	14 30	1 0	14 15	1 15	20 39	0 19	22 27	0 4	22 13	0 35	17 0	1 46	17 0	16 31	14 32	14 53	22 13	1 55	4 49	S 14
M15	2 0	22 53	5 9	10 44	3 16	14 8	1 3	14 2	1 15	20 41	0 19	22 26	0 3	22 13	0 35	17 0	1 46	16 59	16 31	14 30	14 52	22 15	1 56	4 49	M15
T 16	1 37	18 40	5 0	11 0	3 19	13 45	1 5	13 49	1 15	20 42	0 19	22 26	0 3	22 13	0 35	16 59	1 46	16 58	16 31	14 28	14 51	22 18	1 58	4 49	T 16
W17	1 13	13 23	4 33	11 13	3 22	13 21	1 7	13 36	1 15	20 44	0 19	22 25	0 3	22 13	0 35	16 59	1 46	16 57	16 31	14 26	14 50	22 20	1 59	4 49	W17
T 18	0 49	7 17	3 50	11 24	3 24	12 57	1 9	13 23	1 16	20 46	0 18	22 25	0 3	22 13	0 35	16 59	1 46	16 56	16 31	14 24	14 49	22 22	2 0	4 49	T 18
F 19	0 25	0 42	2 52	11 32	3 25	12 33	1 11	13 10	1 16	20 48	0 18	22 25	0 3	22 13	0 35	16 59	1 46	16 55	16 31	14 22	14 48	22 24	2 1	4 49	F 19
S 20	0 2	6s 2	1 41	11 36	3 25	12 8	1 12	12 57	1 16	20 50	0 18	22 24	0 3	22 13	0 35	16 58	1 46	16 54	16 31	14 21	14 47	22 26	2 2	4 49	S 20
S 21	0s22	12 30	0 24	11 37	3 24	11 43	1 14	12 44	1 16	20 52	0 18	22 24	0 3	22 13	0 35	16 58	1 46	16 53	16 31	14 20	14 46	22 29	2 3	4 49	S 21
M22	0 46	18 18	0s55	11 34	3 22	11 18	1 16	12 31	1 16	20 54	0 18	22 23	0 3	22 13	0 35	16 58	1 46	16 53	16 31	14 21	14 45	22 31	2 4	4 49	M22
T 23	1 10	23 0	2 10	11 26	3 18	10 52	1 18	12 17	1 16	20 55	0 18	22 23	0 3	22 13	0 35	16 58	1 46	16 52	16 31	14 21	14 44	22 33	2 5	4 48	T 23
W24	1 34	26 14	3 17	11 14	3 13	10 26	1 19	12 4	1 16	20 57	0 17	22 23	0 3	22 13	0 35	16 57	1 46	16 51	16 31	14 21	14 43	22 35	2 7	4 48	W24
T 25	1 58	27 46	4 10	10 57	3 6	10 0	1 21	11 50	1 17	20 59	0 17	22 22	0 3	22 13	0 35	16 57	1 46	16 50	16 31	14 22	14 42	22 37	2 8	4 48	T 25
F 26	2 21	27 30	4 48	10 36	2 57	9 33	1 22	11 37	1 17	21 1	0 17	22 22	0 2	22 13	0 35	16 57	1 46	16 49	16 32	14 22	14 41	22 39	2 9	4 48	F 26
S 27	2 45	25 32	5 9	10 9	2 47	9 6	1 23	11 23	1 17	21 3	0 17	22 21	0 2	22 13	0 35	16 56	1 46	16 48	16 32	14 21	14 40	22 42	2 10	4 48	S 27
S 28	3 9	22 10	5 12	9 37	2 35	8 39	1 25	11 9	1 17	21 5	0 17	22 21	0 2	22 13	0 35	16 56	1 46	16 48	16 32	14 20	14 39	22 44	2 11	4 48	S 28
M29	3 33	17 42	4 58	9 1	2 21	8 12	1 26	10 56	1 17	21 7	0 17	22 21	0 2	22 13	0 35	16 56	1 46	16 47	16 32	14 19	14 38	22 46	2 12	4 47	M29
T 30	3s56	12s28	4s29	8s20	2s 5	7n44	1n27	10n42	1n17	21s 9	0n17	22n20	0s 2	22s13	0s35	16n55	1s46	16n46	16n32	14n17	14n37	22n48	2s13	4n47	T 30

Julian Day Number = 1990855.5, Delta T = 55m03s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'12, Lahiri = 6°17'13 Julian Calendar 1 Sept. 738 == Greg. Calendar 5 Sept. 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

OCTOBER 738 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 50 54	10♎52'24	21♓39	15°R 1	15♍ 5	6♍17	5♐59	18♋ 7	22♑52	22°R56	25♍54	7°R58	9♉ 1	2♊34	13°R11	W 1
T 2	0 54 50	11°52'15	4♈16	13♎46	16°19	6°55	6°10	18°10	22°53	22♉55	25°56	7♉54	8°58	2°41	13♓ 8	T 2
F 3	0 58 47	12°52'08	16°40	12°30	17°33	7°32	6°20	18°13	22°53	22°54	25°59	7°51	8°55	2°47	13° 6	F 3
S 4	1 2 43	13°52'02	28°53	11°15	18°48	8°10	6°31	18°15	22°53	22°52	26° 1	7°49	8°52	2°54	13° 4	S 4
S 5	1 6 40	14°51'59	10♉55	10° 4	20° 2	8°48	6°42	18°18	22°53	22°51	26° 3	7°D49	8°48	3° 0	13° 2	S 5
M 6	1 10 36	15°51'58	22°49	8°59	21°17	9°25	6°53	18°20	22°54	22°50	26° 5	7°50	8°45	3° 7	12°59	M 6
T 7	1 14 33	16°51'59	4♊39	8° 1	22°31	10° 3	7° 4	18°23	22°54	22°49	26° 8	7°51	8°42	3°14	12°57	T 7
W 8	1 18 30	17°52'02	16°26	7°12	23°46	10°40	7°15	18°25	22°54	22°47	26°10	7°53	8°39	3°20	12°55	W 8
T 9	1 22 26	18°52'07	28°17	6°34	25° 0	11°18	7°26	18°27	22°55	22°46	26°12	7°55	8°36	3°27	12°53	T 9
F 10	1 26 23	19°52'15	10♋14	6° 7	26°15	11°55	7°37	18°29	22°55	22°45	26°14	7°56	8°33	3°34	12°51	F 10
S 11	1 30 19	20°52'25	22°24	5°52	27°30	12°33	7°49	18°31	22°56	22°43	26°16	7°R56	8°29	3°40	12°49	S 11
S 12	1 34 16	21°52'36	4♌51	5°D49	28°45	13°10	8° 0	18°33	22°56	22°42	26°19	7°55	8°26	3°47	12°47	S 12
M13	1 38 12	22°52'50	17°38	5°56	29°59	13°48	8°12	18°35	22°57	22°40	26°21	7°54	8°23	3°54	12°45	M13
T 14	1 42 9	23°53'06	0♍50	6°14	1♎14	14°25	8°23	18°36	22°58	22°39	26°23	7°53	8°20	4° 0	12°43	T 14
W15	1 46 5	24°53'24	14°29	6°43	2°29	15° 3	8°35	18°38	22°59	22°37	26°25	7°51	8°17	4° 7	12°41	W15
T 16	1 50 2	25°53'44	28°33	7°20	3°44	15°40	8°47	18°39	22°59	22°36	26°27	7°49	8°14	4°14	12°39	T 16
F 17	1 53 59	26°54'06	13♎ 0	8° 5	4°59	16°18	8°59	18°40	23° 0	22°34	26°29	7°48	8°10	4°20	12°37	F 17
S 18	1 57 55	27°54'30	27°46	8°57	6°14	16°55	9°11	18°41	23° 1	22°33	26°31	7°47	8° 7	4°27	12°36	S 18
S 19	2 1 52	28°54'55	12♏42	9°56	7°29	17°33	9°23	18°42	23° 2	22°31	26°34	7°D47	8° 4	4°34	12°34	S 19
M20	2 5 48	29°55'23	27°41	11° 0	8°44	18°10	9°35	18°43	23° 3	22°30	26°36	7°47	8° 1	4°40	12°32	M20
T 21	2 9 45	0♏55'52	12♐34	12° 9	9°59	18°48	9°47	18°44	23° 4	22°28	26°38	7°48	7°58	4°47	12°31	T 21
W22	2 13 41	1°56'22	27°15	13°23	11°14	19°25	9°59	18°45	23° 5	22°27	26°40	7°49	7°54	4°54	12°29	W22
T 23	2 17 38	2°56'54	11♑38	14°40	12°29	20° 2	10°11	18°45	23° 7	22°25	26°42	7°49	7°51	5° 0	12°27	T 23
F 24	2 21 34	3°57'27	25°41	16° 0	13°44	20°40	10°24	18°46	23° 8	22°24	26°44	7°49	7°48	5° 7	12°26	F 24
S 25	2 25 31	4°58'01	9♒23	17°22	14°59	21°17	10°36	18°46	23° 9	22°22	26°46	7°R49	7°45	5°14	12°25	S 25
S 26	2 29 28	5°58'37	22°44	18°47	16°14	21°54	10°49	18°47	23°10	22°20	26°48	7°49	7°42	5°20	12°23	S 26
M27	2 33 24	6°59'13	5♓47	20°13	17°29	22°32	11° 1	18°47	23°12	22°19	26°50	7°49	7°39	5°27	12°22	M27
T 28	2 37 21	7°59'51	18°32	21°41	18°44	23° 9	11°14	18°R47	23°13	22°17	26°51	7°D49	7°35	5°34	12°21	T 28
W29	2 41 17	9° 0'31	1♈ 3	23°10	20° 0	23°46	11°27	18°47	23°15	22°16	26°53	7°49	7°32	5°40	12°19	W29
T 30	2 45 14	10° 1'11	13°22	24°40	21°15	24°24	11°39	18°46	23°16	22°14	26°55	7°49	7°29	5°47	12°18	T 30
F 31	2 49 10	11♏ 1'53	25♈31	26♎11	22♎30	25♍ 1	11♐52	18♋46	23♑18	22♉12	26♍57	7♉50	7♉26	5♊54	12♓17	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s20	6s48	3s47	7s36	1s47	7n16	1n28	10n28	1n17	21s11	0n16	22n20	0s 2	22s13	0s35	16n55	1s46	16n45	16n32	14n16	14n36	22n50	2s14	4n47
T 2	4 43	0 57	2 54	6 50	1 28	6 48	1 29	10 14	1 17	21 13	0 16	22 20	0 2	22 13	0 35	16 55	1 46	16 44	16 32	14 14	14 35	22 52	2 15	4 47
F 3	5 7	4n51	1 54	6 2	1 9	6 20	1 30	10 0	1 18	21 15	0 16	22 20	0 2	22 13	0 35	16 54	1 46	16 44	16 33	14 13	14 34	22 54	2 16	4 47
S 4	5 30	10 23	0 49	5 13	0 48	5 51	1 31	9 46	1 18	21 17	0 16	22 19	0 2	22 13	0 35	16 54	1 46	16 43	16 33	14 13	14 33	22 57	2 17	4 46
S 5	5 54	15 29	0n17	4 26	0 27	5 23	1 32	9 32	1 18	21 19	0 16	22 19	0 2	22 13	0 35	16 54	1 46	16 42	16 33	14 13	14 32	22 59	2 18	4 46
M 6	6 17	19 55	1 22	3 41	0 7	4 54	1 32	9 18	1 18	21 21	0 16	22 19	0 2	22 13	0 35	16 53	1 46	16 42	16 33	14 13	14 31	23 1	2 20	4 46
T 7	6 40	23 33	2 23	3 0	0n13	4 25	1 33	9 3	1 18	21 23	0 16	22 19	0 1	22 13	0 35	16 53	1 46	16 41	16 33	14 13	14 30	23 3	2 21	4 46
W 8	7 3	26 11	3 17	2 23	0 32	3 55	1 34	8 49	1 18	21 25	0 15	22 18	0 1	22 13	0 35	16 53	1 47	16 40	16 34	14 14	14 29	23 5	2 22	4 46
T 9	7 26	27 40	4 4	1 52	0 49	3 26	1 34	8 35	1 18	21 27	0 15	22 18	0 1	22 13	0 35	16 52	1 47	16 39	16 34	14 15	14 28	23 7	2 23	4 45
F 10	7 49	27 52	4 40	1 27	1 5	2 56	1 34	8 21	1 18	21 29	0 15	22 18	0 1	22 13	0 35	16 52	1 47	16 39	16 34	14 15	14 27	23 9	2 24	4 45
S 11	8 12	26 44	5 5	1 8	1 20	2 27	1 35	8 6	1 18	21 31	0 15	22 18	0 1	22 12	0 35	16 52	1 47	16 38	16 34	14 15	14 26	23 11	2 25	4 45
S 12	8 35	24 17	5 16	0 55	1 32	1 57	1 35	7 52	1 18	21 33	0 15	22 18	0 1	22 12	0 34	16 51	1 47	16 37	16 34	14 15	14 25	23 13	2 25	4 45
M13	8 57	20 36	5 12	0 48	1 43	1 27	1 35	7 37	1 19	21 35	0 15	22 18	0 1	22 12	0 34	16 51	1 47	16 37	16 35	14 14	14 24	23 15	2 26	4 45
T 14	9 20	15 47	4 52	0 47	1 52	0 58	1 35	7 23	1 19	21 37	0 15	22 17	0 1	22 12	0 34	16 50	1 47	16 36	16 35	14 14	14 23	23 17	2 27	4 44
W15	9 42	10 3	4 14	0 51	2 0	0 28	1 35	7 8	1 19	21 39	0 15	22 17	0 1	22 12	0 34	16 50	1 47	16 36	16 35	14 13	14 22	23 19	2 28	4 44
T 16	10 4	3 39	3 21	1 0	2 6	0s 2	1 35	6 54	1 19	21 41	0 14	22 17	0 1	22 12	0 34	16 50	1 47	16 35	16 36	14 13	14 21	23 21	2 29	4 44
F 17	10 26	3s 8	2 13	1 14	2 10	0 32	1 35	6 39	1 19	21 43	0 14	22 17	0 0	22 12	0 34	16 49	1 47	16 34	16 36	14 12	14 20	23 23	2 30	4 44
S 18	10 48	9 53	0 55	1 32	2 13	1 2	1 35	6 25	1 19	21 45	0 14	22 17	0 0	22 11	0 34	16 49	1 47	16 34	16 36	14 12	14 19	23 25	2 31	4 43
S 19	11 10	16 11	0s27	1 54	2 15	1 32	1 35	6 10	1 19	21 47	0 14	22 17	0 0	22 11	0 34	16 48	1 47	16 33	16 36	14 12	14 18	23 28	2 32	4 43
M20	11 31	21 32	1 48	2 18	2 16	2 2	1 34	5 55	1 19	21 49	0 14	22 17	0 0	22 11	0 34	16 48	1 47	16 33	16 37	14 12	14 17	23 30	2 33	4 43
T 21	11 53	25 27	3 1	2 46	2 15	2 33	1 34	5 41	1 19	21 51	0 14	22 17	0 0	22 11	0 34	16 48	1 47	16 32	16 37	14 12	14 16	23 32	2 34	4 43
W22	12 14	27 36	4 2	3 16	2 14	3 3	1 33	5 26	1 19	21 53	0 14	22 17	0n 0	22 11	0 34	16 47	1 47	16 32	16 37	14 13	14 15	23 34	2 34	4 42
T 23	12 35	27 50	4 45	3 47	2 12	3 32	1 33	5 11	1 19	21 54	0 14	22 17	0 0	22 10	0 34	16 47	1 47	16 31	16 38	14 13	14 13	23 36	2 35	4 42
F 24	12 55	26 14	5 11	4 21	2 9	4 2	1 32	4 56	1 19	21 56	0 13	22 17	0 0	22 10	0 34	16 46	1 47	16 31	16 38	14 13	14 12	23 38	2 36	4 42
S 25	13 16	23 7	5 18	4 55	2 6	4 32	1 31	4 42	1 19	21 58	0 13	22 17	0 0	22 10	0 34	16 46	1 47	16 30	16 38	14 13	14 11	23 40	2 37	4 42
S 26	13 36	18 51	5 7	5 31	2 2	5 2	1 31	4 27	1 19	22 0	0 13	22 17	0 0	22 10	0 34	16 46	1 47	16 30	16 39	14 13	14 10	23 42	2 38	4 41
M27	13 56	13 48	4 41	6 8	1 58	5 32	1 30	4 12	1 20	22 2	0 13	22 17	0 1	22 9	0 34	16 45	1 47	16 29	16 39	14 13	14 9	23 44	2 38	4 41
T 28	14 16	8 15	4 1	6 46	1 53	6 1	1 29	3 57	1 20	22 4	0 13	22 17	0 1	22 9	0 34	16 45	1 47	16 29	16 40	14 13	14 8	23 46	2 39	4 41
W29	14 36	2 29	3 11	7 24	1 48	6 31	1 28	3 42	1 20	22 6	0 13	22 17	0 1	22 9	0 34	16 44	1 47	16 29	16 40	14 13	14 7	23 47	2 40	4 41
T 30	14 55	3n17	2 12	8 2	1 42	7 0	1 27	3 28	1 20	22 8	0 13	22 18	0 1	22 9	0 34	16 44	1 47	16 28	16 40	14 13	14 6	23 49	2 41	4 40
F 31	15s14	8n53	1s 8	8s41	1n37	7s29	1n26	3n13	1n20	22s10	0n13	22n18	0n 1	22s 8	0s34	16n43	1s47	16n28	16n41	14n13	14n 5	23n51	2s41	4n40

Julian Day Number = 1990885.5, Delta T = 55m02s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'16, Lahiri = 6°17'17 Julian Calendar 1 Oct. 738 == Greg. Calendar 5 Oct. 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

NOVEMBER 738 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 53 7	12♏ 2'36	7♉32	27♎43	23♎45	25♍38	12♐ 5	18°R46	23♑19	22°R11	26♍59	7°R50	7♉23	6♊ 0	12°R16	S 1
S 2	2 57 3	13° 3'21	19°27	29°15	25° 1	26°15	12°18	18♋45	23°21	22♉ 9	27° 1	7♉50	7°20	6° 7	12♓15	S 2
M 3	3 1 0	14° 4'07	1♊17	0♏47	26°16	26°53	12°31	18°44	23°23	22° 7	27° 2	7°49	7°16	6°14	12°14	M 3
T 4	3 4 57	15° 4'55	13° 6	2°20	27°31	27°30	12°44	18°44	23°24	22° 6	27° 4	7°48	7°13	6°20	12°13	T 4
W 5	3 8 53	16° 5'44	24°55	3°53	28°47	28° 7	12°57	18°43	23°26	22° 4	27° 6	7°47	7°10	6°27	12°12	W 5
T 6	3 12 50	17° 6'34	6♋47	5°27	0♏ 2	28°44	13°10	18°42	23°28	22° 2	27° 8	7°46	7° 7	6°34	12°11	T 6
F 7	3 16 46	18° 7'26	18°46	7° 0	1°17	29°21	13°23	18°41	23°30	22° 0	27° 9	7°44	7° 4	6°40	12°11	F 7
S 8	3 20 43	19° 8'19	0♌55	8°34	2°33	29°59	13°36	18°39	23°32	21°59	27°11	7°43	7° 0	6°47	12°10	S 8
S 9	3 24 39	20° 9'14	13°18	10° 8	3°48	0♎36	13°49	18°38	23°34	21°57	27°13	7°43	6°57	6°54	12° 9	S 9
M10	3 28 36	21°10'10	25°59	11°41	5° 3	1°13	14° 3	18°37	23°36	21°55	27°14	7°D43	6°54	7° 0	12° 9	M10
T 11	3 32 32	22°11'08	9♍ 3	13°15	6°19	1°50	14°16	18°35	23°38	21°54	27°16	7°43	6°51	7° 7	12° 8	T 11
W12	3 36 29	23°12'06	22°32	14°49	7°34	2°27	14°29	18°33	23°40	21°52	27°17	7°44	6°48	7°14	12° 8	W12
T 13	3 40 26	24°13'06	6♎28	16°23	8°50	3° 4	14°43	18°32	23°42	21°50	27°19	7°46	6°45	7°20	12° 7	T 13
F 14	3 44 22	25°14'08	20°51	17°57	10° 5	3°41	14°56	18°30	23°44	21°49	27°20	7°47	6°41	7°27	12° 7	F 14
S 15	3 48 19	26°15'10	5♏38	19°31	11°21	4°18	15°10	18°28	23°47	21°47	27°22	7°R47	6°38	7°34	12° 7	S 15
S 16	3 52 15	27°16'14	20°43	21° 4	12°36	4°55	15°23	18°26	23°49	21°45	27°23	7°47	6°35	7°40	12° 6	S 16
M17	3 56 12	28°17'18	5♐57	22°38	13°51	5°32	15°37	18°23	23°51	21°43	27°24	7°45	6°32	7°47	12° 6	M17
T 18	4 0 8	29°18'24	21°10	24°12	15° 7	6° 9	15°50	18°21	23°53	21°42	27°26	7°43	6°29	7°54	12° 6	T 18
W19	4 4 5	0♐19'30	6♑12	25°46	16°22	6°46	16° 4	18°19	23°56	21°40	27°27	7°40	6°26	8° 0	12° 6	W19
T 20	4 8 2	1°20'37	20°55	27°20	17°38	7°23	16°18	18°16	23°58	21°38	27°29	7°37	6°22	8° 7	12°D 6	T 20
F 21	4 11 58	2°21'44	5♒14	28°54	18°53	8° 0	16°31	18°14	24° 1	21°37	27°30	7°34	6°19	8°14	12° 6	F 21
S 22	4 15 55	3°22'52	19° 5	0♐29	20° 9	8°37	16°45	18°11	24° 3	21°35	27°31	7°32	6°16	8°20	12° 6	S 22
S 23	4 19 51	4°24'00	2♓29	2° 3	21°24	9°14	16°59	18° 8	24° 6	21°33	27°32	7°D31	6°13	8°27	12° 6	S 23
M24	4 23 48	5°25'08	15°28	3°37	22°40	9°51	17°12	18° 5	24° 8	21°32	27°33	7°31	6°10	8°34	12° 6	M24
T 25	4 27 44	6°26'17	28° 6	5°12	23°55	10°27	17°26	18° 2	24°11	21°30	27°35	7°33	6° 6	8°40	12° 7	T 25
W26	4 31 41	7°27'26	10♈26	6°46	25°11	11° 4	17°40	17°59	24°13	21°28	27°36	7°35	6° 3	8°47	12° 7	W26
T 27	4 35 37	8°28'35	22°33	8°21	26°26	11°41	17°54	17°56	24°16	21°27	27°37	7°36	6° 0	8°54	12° 7	T 27
F 28	4 39 34	9°29'44	4♉31	9°56	27°42	12°18	18° 7	17°53	24°19	21°25	27°38	7°R37	5°57	9° 0	12° 8	F 28
S 29	4 43 31	10°30'54	16°23	11°31	28°57	12°55	18°21	17°50	24°22	21°24	27°39	7°37	5°54	9° 7	12° 8	S 29
S 30	4 47 27	11♐32'04	28♉13	13♐ 7	0♐13	13♎31	18♐35	17♋46	24♑24	21♉22	27♍40	7♉35	5♉51	9♊14	12♓ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s33	14n 6	0s 2	9s19	1n31	7s58	1n25	2n58	1n20	22s11	0n12	22n18	0n 1	22s 8	0s34	16n43	1s47	16n27	16n41	14n13	14n 4	23n53	2s42	4n40
S 2	15 52	18 44	1n 4	9 58	1 24	8 27	1 24	2 43	1 20	22 13	0 12	22 18	0 1	22 8	0 34	16 43	1 47	16 27	16 42	14 13	14 3	23 55	2 43	4 39
M 3	16 10	22 38	2 7	10 37	1 18	8 56	1 22	2 28	1 20	22 15	0 12	22 18	0 1	22 7	0 34	16 42	1 47	16 27	16 42	14 13	14 2	23 57	2 43	4 39
T 4	16 28	25 34	3 4	11 15	1 12	9 24	1 21	2 13	1 20	22 17	0 12	22 19	0 1	22 7	0 34	16 42	1 47	16 26	16 42	14 12	14 1	23 59	2 44	4 39
W 5	16 46	27 23	3 53	11 53	1 5	9 52	1 20	1 58	1 20	22 19	0 12	22 19	0 2	22 7	0 34	16 41	1 47	16 26	16 43	14 12	14 0	24 1	2 44	4 39
T 6	17 4	27 57	4 32	12 31	0 58	10 20	1 18	1 44	1 20	22 20	0 12	22 19	0 2	22 6	0 34	16 41	1 47	16 26	16 43	14 12	13 59	24 3	2 45	4 38
F 7	17 21	27 14	5 0	13 8	0 51	10 48	1 17	1 29	1 20	22 22	0 12	22 19	0 2	22 6	0 34	16 40	1 47	16 26	16 44	14 11	13 58	24 5	2 46	4 38
S 8	17 38	25 12	5 15	13 45	0 45	11 16	1 15	1 14	1 20	22 24	0 12	22 20	0 2	22 6	0 34	16 40	1 47	16 25	16 44	14 11	13 57	24 7	2 46	4 38
S 9	17 54	21 58	5 15	14 22	0 38	11 43	1 14	0 59	1 20	22 26	0 12	22 20	0 2	22 5	0 34	16 39	1 47	16 25	16 45	14 11	13 56	24 9	2 47	4 37
M10	18 11	17 39	5 1	14 57	0 31	12 10	1 12	0 44	1 20	22 27	0 11	22 20	0 2	22 5	0 34	16 39	1 47	16 25	16 45	14 11	13 55	24 11	2 47	4 37
T 11	18 26	12 24	4 31	15 33	0 24	12 37	1 10	0 29	1 20	22 29	0 11	22 20	0 2	22 5	0 34	16 39	1 47	16 25	16 46	14 11	13 54	24 13	2 48	4 37
W12	18 42	6 25	3 45	16 7	0 17	13 3	1 9	0 14	1 20	22 31	0 11	22 21	0 2	22 4	0 34	16 38	1 47	16 25	16 46	14 11	13 53	24 14	2 48	4 36
T 13	18 57	0s 4	2 45	16 41	0 10	13 29	1 7	0s 0	1 20	22 32	0 11	22 21	0 2	22 4	0 34	16 38	1 47	16 24	16 46	14 12	13 52	24 16	2 48	4 36
F 14	19 12	6 46	1 32	17 15	0 3	13 55	1 5	0 15	1 20	22 34	0 11	22 22	0 3	22 3	0 34	16 37	1 47	16 24	16 47	14 12	13 51	24 18	2 49	4 36
S 15	19 27	13 18	0 12	17 47	0s 3	14 20	1 3	0 30	1 20	22 35	0 11	22 22	0 3	22 3	0 34	16 37	1 47	16 24	16 47	14 12	13 49	24 20	2 49	4 36
S 16	19 41	19 11	1s11	18 19	0 10	14 45	1 1	0 45	1 20	22 37	0 11	22 22	0 3	22 3	0 34	16 36	1 47	16 24	16 48	14 12	13 48	24 22	2 50	4 35
M17	19 55	23 54	2 29	18 50	0 17	15 10	0 59	1 0	1 20	22 39	0 11	22 23	0 3	22 2	0 34	16 36	1 47	16 24	16 48	14 12	13 47	24 24	2 50	4 35
T 18	20 8	26 55	3 37	19 20	0 23	15 34	0 57	1 14	1 20	22 40	0 11	22 23	0 3	22 2	0 34	16 36	1 47	16 24	16 49	14 11	13 46	24 26	2 50	4 35
W19	20 22	27 56	4 29	19 49	0 30	15 58	0 55	1 29	1 20	22 42	0 10	22 24	0 3	22 1	0 34	16 35	1 47	16 24	16 49	14 10	13 45	24 27	2 51	4 34
T 20	20 34	26 56	5 2	20 17	0 36	16 21	0 53	1 44	1 20	22 43	0 10	22 24	0 3	22 1	0 34	16 35	1 47	16 24	16 50	14 9	13 44	24 29	2 51	4 34
F 21	20 47	24 10	5 14	20 45	0 42	16 44	0 51	1 59	1 20	22 45	0 10	22 24	0 3	22 0	0 34	16 34	1 47	16 24	16 51	14 8	13 43	24 31	2 51	4 34
S 22	20 59	20 5	5 8	21 11	0 48	17 7	0 49	2 13	1 20	22 46	0 10	22 25	0 3	22 0	0 34	16 34	1 47	16 24	16 51	14 7	13 42	24 33	2 51	4 33
S 23	21 10	15 5	4 45	21 36	0 54	17 29	0 47	2 28	1 20	22 48	0 10	22 25	0 3	21 59	0 34	16 34	1 47	16 24	16 52	14 7	13 41	24 35	2 52	4 33
M24	21 21	9 35	4 8	22 0	1 0	17 51	0 45	2 42	1 20	22 49	0 10	22 26	0 4	21 59	0 34	16 33	1 47	16 24	16 52	14 7	13 40	24 37	2 52	4 33
T 25	21 32	3 49	3 20	22 24	1 6	18 12	0 43	2 57	1 20	22 51	0 10	22 26	0 4	21 59	0 34	16 33	1 47	16 24	16 53	14 7	13 39	24 38	2 52	4 33
W26	21 42	1n57	2 24	22 46	1 11	18 32	0 40	3 12	1 19	22 52	0 10	22 27	0 4	21 58	0 34	16 32	1 47	16 24	16 53	14 8	13 38	24 40	2 52	4 32
T 27	21 52	7 34	1 22	23 7	1 17	18 52	0 38	3 26	1 19	22 53	0 10	22 27	0 4	21 58	0 34	16 32	1 47	16 24	16 54	14 9	13 37	24 42	2 52	4 32
F 28	22 2	12 51	0 17	23 27	1 22	19 12	0 36	3 41	1 19	22 55	0 10	22 28	0 4	21 57	0 34	16 32	1 47	16 24	16 54	14 9	13 36	24 44	2 53	4 32
S 29	22 11	17 37	0n48	23 45	1 27	19 31	0 33	3 55	1 19	22 56	0 9	22 29	0 4	21 57	0 34	16 31	1 47	16 24	16 55	14 9	13 35	24 46	2 53	4 31
S 30	22s19	21n41	1n50	24s 3	1s32	19s50	0n31	4s 9	1n19	22s57	0n 9	22n29	0n 4	21s56	0s34	16n31	1s47	16n24	16n55	14n 8	13n34	24n47	2s53	4n31

Julian Day Number = 1990916.5, Delta T = 55m01s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'21, Lahiri = 6°17'21 Julian Calendar 1 Nov. 738 == Greg. Calendar 5 Nov. 738

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ASTRODIENST EPHEMERIS for the year 738
geocentric

DECEMBER 738 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 51 24	12♐33'15	10♊ 2	14♐42	1♐28	14♎ 8	18♐49	17°R43	24♑27	21°R21	27♍41	7°R31	5♉47	9♊20	12♓ 9	M 1
T 2	4 55 20	13°34'26	21°52	16°18	2°44	14°45	19° 3	17♋39	24°30	21♉19	27°42	7♉25	5°44	9°27	12°10	T 2
W 3	4 59 17	14°35'37	3♋45	17°54	3°59	15°21	19°17	17°35	24°33	21°17	27°43	7°18	5°41	9°34	12°11	W 3
T 4	5 3 13	15°36'48	15°43	19°30	5°15	15°58	19°31	17°32	24°36	21°16	27°43	7°11	5°38	9°40	12°12	T 4
F 5	5 7 10	16°38'00	27°48	21° 7	6°30	16°34	19°44	17°28	24°39	21°14	27°44	7° 3	5°35	9°47	12°12	F 5
S 6	5 11 6	17°39'12	10♌ 2	22°44	7°46	17°11	19°58	17°24	24°42	21°13	27°45	6°57	5°32	9°54	12°13	S 6
S 7	5 15 3	18°40'25	22°28	24°21	9° 1	17°47	20°12	17°20	24°45	21°11	27°46	6°52	5°28	10° 0	12°14	S 7
M 8	5 19 0	19°41'38	5♍ 7	25°58	10°17	18°24	20°26	17°16	24°48	21°10	27°47	6°49	5°25	10° 7	12°15	M 8
T 9	5 22 56	20°42'51	18° 5	27°36	11°32	19° 0	20°40	17°12	24°51	21° 9	27°47	6°D47	5°22	10°14	12°16	T 9
W10	5 26 53	21°44'04	1♎24	29°13	12°48	19°37	20°54	17° 8	24°54	21° 7	27°48	6°48	5°19	10°20	12°17	W10
T 11	5 30 49	22°45'18	15° 6	0♏51	14° 3	20°13	21° 8	17° 3	24°57	21° 6	27°49	6°49	5°16	10°27	12°18	T 11
F 12	5 34 46	23°46'32	29°14	2°30	15°19	20°50	21°22	16°59	25° 0	21° 4	27°49	6°50	5°12	10°34	12°20	F 12
S 13	5 38 42	24°47'46	13♏47	4° 8	16°34	21°26	21°36	16°55	25° 3	21° 3	27°50	6°R50	5° 9	10°40	12°21	S 13
S 14	5 42 39	25°49'01	28°41	5°47	17°50	22° 2	21°50	16°50	25° 6	21° 2	27°50	6°48	5° 6	10°47	12°22	S 14
M15	5 46 35	26°50'15	13♐50	7°25	19° 5	22°38	22° 4	16°46	25° 9	21° 0	27°51	6°44	5° 3	10°54	12°24	M15
T 16	5 50 32	27°51'30	29° 5	9° 4	20°21	23°15	22°17	16°41	25°12	20°59	27°51	6°37	5° 0	11° 0	12°25	T 16
W17	5 54 29	28°52'44	14♑16	10°42	21°36	23°51	22°31	16°37	25°16	20°58	27°51	6°29	4°57	11° 7	12°26	W17
T 18	5 58 25	29°53'57	29°11	12°21	22°52	24°27	22°45	16°32	25°19	20°56	27°52	6°20	4°53	11°14	12°28	T 18
F 19	6 2 22	0♑55'11	13♒43	13°59	24° 7	25° 3	22°59	16°28	25°22	20°55	27°52	6°12	4°50	11°20	12°30	F 19
S 20	6 6 18	1°56'23	27°46	15°36	25°23	25°39	23°13	16°23	25°25	20°54	27°52	6° 5	4°47	11°27	12°31	S 20
S 21	6 10 15	2°57'35	11♓20	17°13	26°38	26°15	23°27	16°18	25°29	20°53	27°53	6° 1	4°44	11°34	12°33	S 21
M22	6 14 11	3°58'46	24°24	18°49	27°53	26°51	23°41	16°13	25°32	20°52	27°53	5°58	4°41	11°40	12°35	M22
T 23	6 18 8	4°59'56	7♈ 3	20°24	29° 9	27°27	23°54	16° 9	25°35	20°51	27°53	5°D58	4°38	11°47	12°36	T 23
W24	6 22 5	6° 1'05	19°22	21°58	0♑24	28° 3	24° 8	16° 4	25°39	20°49	27°53	5°58	4°34	11°54	12°38	W24
T 25	6 26 1	7° 2'14	1♉26	23°29	1°40	28°39	24°22	15°59	25°42	20°48	27°53	5°R59	4°31	12° 0	12°40	T 25
F 26	6 29 58	8° 3'21	13°19	24°59	2°55	29°15	24°36	15°54	25°45	20°47	27°53	5°59	4°28	12° 7	12°42	F 26
S 27	6 33 54	9° 4'28	25° 8	26°26	4°11	29°51	24°50	15°49	25°49	20°46	27°54	5°57	4°25	12°14	12°44	S 27
S 28	6 37 51	10° 5'34	6♊55	27°51	5°26	0♏26	25° 3	15°44	25°52	20°45	27°R54	5°52	4°22	12°20	12°46	S 28
M29	6 41 47	11° 6'40	18°44	29°11	6°41	1° 2	25°17	15°39	25°56	20°44	27°54	5°45	4°18	12°27	12°48	M29
T 30	6 45 44	12° 7'44	0♋39	0♒27	7°57	1°38	25°31	15°35	25°59	20°43	27°53	5°35	4°15	12°34	12°50	T 30
W31	6 49 40	13♑ 8'48	12♋40	1♒39	9♑12	2♏13	25♐44	15♋30	26♑ 2	20♉42	27♍53	5♉22	4♉12	12♊41	12♓52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s27	24n52	2n48	24s19	1s36	20s 8	0n29	4s24	1n19	22s59	0n 9	22n30	0n 4	21s56	0s33	16n30	1s47	16n24	16n56	14n 7	13n33	24n49	2s53	4n31
T 2	22 35	26 59	3 38	24 33	1 40	20 25	0 26	4 38	1 19	23 0	0 9	22 30	0 5	21 55	0 33	16 30	1 47	16 24	16 57	14 5	13 31	24 51	2 53	4 30
W 3	22 42	27 52	4 19	24 47	1 44	20 42	0 24	4 52	1 19	23 1	0 9	22 31	0 5	21 55	0 33	16 30	1 47	16 24	16 57	14 3	13 30	24 53	2 53	4 30
T 4	22 49	27 27	4 48	24 59	1 48	20 58	0 22	5 7	1 19	23 2	0 9	22 32	0 5	21 54	0 33	16 29	1 47	16 25	16 58	14 0	13 29	24 54	2 53	4 30
F 5	22 56	25 44	5 6	25 10	1 52	21 14	0 19	5 21	1 19	23 3	0 9	22 32	0 5	21 53	0 33	16 29	1 46	16 25	16 58	13 58	13 28	24 56	2 53	4 30
S 6	23 2	22 48	5 9	25 19	1 55	21 29	0 17	5 35	1 19	23 5	0 9	22 33	0 5	21 53	0 33	16 29	1 46	16 25	16 59	13 56	13 27	24 58	2 53	4 29
S 7	23 7	18 49	4 58	25 26	1 58	21 43	0 14	5 49	1 19	23 6	0 9	22 33	0 5	21 52	0 33	16 28	1 46	16 25	16 59	13 54	13 26	25 0	2 53	4 29
M 8	23 12	13 55	4 33	25 33	2 0	21 57	0 12	6 3	1 19	23 7	0 9	22 34	0 5	21 52	0 33	16 28	1 46	16 25	17 0	13 53	13 25	25 1	2 52	4 29
T 9	23 17	8 19	3 53	25 37	2 2	22 10	0 10	6 17	1 18	23 8	0 8	22 35	0 5	21 51	0 33	16 27	1 46	16 26	17 1	13 52	13 24	25 3	2 52	4 28
W10	23 21	2 11	3 0	25 40	2 4	22 22	0 7	6 31	1 18	23 9	0 8	22 35	0 5	21 51	0 33	16 27	1 46	16 26	17 1	13 53	13 23	25 5	2 52	4 28
T 11	23 24	4s13	1 55	25 42	2 6	22 34	0 5	6 45	1 18	23 10	0 8	22 36	0 6	21 50	0 33	16 27	1 46	16 26	17 2	13 53	13 22	25 6	2 52	4 28
F 12	23 27	10 38	0 41	25 42	2 7	22 45	0 2	6 59	1 18	23 11	0 8	22 37	0 6	21 50	0 33	16 26	1 46	16 27	17 2	13 53	13 21	25 8	2 52	4 27
S 13	23 30	16 41	0s37	25 40	2 7	22 55	0s 0	7 13	1 18	23 12	0 8	22 37	0 6	21 49	0 33	16 26	1 46	16 27	17 3	13 53	13 20	25 10	2 52	4 27
S 14	23 32	21 52	1 55	25 36	2 8	23 5	0 2	7 26	1 18	23 13	0 8	22 38	0 6	21 48	0 33	16 26	1 46	16 27	17 3	13 53	13 19	25 12	2 51	4 27
M15	23 34	25 41	3 6	25 31	2 7	23 14	0 5	7 40	1 18	23 14	0 8	22 39	0 6	21 48	0 33	16 26	1 46	16 28	17 4	13 51	13 18	25 13	2 51	4 27
T 16	23 35	27 40	4 3	25 24	2 7	23 22	0 7	7 54	1 17	23 15	0 8	22 39	0 6	21 47	0 33	16 25	1 46	16 28	17 5	13 49	13 17	25 15	2 51	4 26
W17	23 36	27 32	4 44	25 15	2 5	23 30	0 10	8 7	1 17	23 16	0 8	22 40	0 6	21 47	0 33	16 25	1 46	16 28	17 5	13 46	13 16	25 17	2 51	4 26
T 18	23 36	25 24	5 4	25 5	2 3	23 37	0 12	8 21	1 17	23 17	0 8	22 41	0 6	21 46	0 33	16 25	1 46	16 29	17 6	13 44	13 14	25 18	2 50	4 26
F 19	23 36	21 39	5 3	24 52	2 1	23 43	0 14	8 34	1 17	23 18	0 7	22 41	0 6	21 45	0 33	16 24	1 46	16 29	17 6	13 41	13 13	25 20	2 50	4 25
S 20	23 35	16 46	4 45	24 38	1 58	23 48	0 17	8 48	1 17	23 18	0 7	22 42	0 7	21 45	0 33	16 24	1 46	16 30	17 7	13 39	13 12	25 21	2 50	4 25
S 21	23 34	11 13	4 10	24 22	1 54	23 53	0 19	9 1	1 17	23 19	0 7	22 43	0 7	21 44	0 33	16 24	1 46	16 30	17 8	13 37	13 11	25 23	2 49	4 25
M22	23 33	5 21	3 24	24 5	1 50	23 57	0 21	9 14	1 16	23 20	0 7	22 43	0 7	21 44	0 33	16 24	1 46	16 30	17 8	13 36	13 10	25 25	2 49	4 25
T 23	23 31	0n33	2 29	23 46	1 44	24 0	0 24	9 27	1 16	23 21	0 7	22 44	0 7	21 43	0 33	16 23	1 46	16 31	17 9	13 36	13 9	25 26	2 48	4 24
W24	23 28	6 17	1 28	23 25	1 39	24 2	0 26	9 40	1 16	23 21	0 7	22 45	0 7	21 42	0 33	16 23	1 46	16 31	17 9	13 36	13 8	25 28	2 48	4 24
T 25	23 25	11 40	0 24	23 3	1 32	24 4	0 28	9 53	1 16	23 22	0 7	22 45	0 7	21 42	0 33	16 23	1 46	16 32	17 10	13 36	13 7	25 30	2 47	4 24
F 26	23 21	16 34	0n39	22 40	1 24	24 5	0 31	10 6	1 16	23 23	0 7	22 46	0 7	21 41	0 33	16 23	1 46	16 32	17 11	13 36	13 6	25 31	2 47	4 24
S 27	23 17	20 48	1 40	22 15	1 16	24 5	0 33	10 19	1 15	23 23	0 7	22 47	0 7	21 40	0 33	16 22	1 46	16 33	17 11	13 36	13 5	25 33	2 46	4 23
S 28	23 13	24 12	2 37	21 49	1 6	24 4	0 35	10 32	1 15	23 24	0 7	22 48	0 7	21 40	0 33	16 22	1 46	16 33	17 12	13 34	13 4	25 34	2 46	4 23
M29	23 8	26 34	3 27	21 22	0 56	24 3	0 37	10 45	1 15	23 25	0 6	22 48	0 8	21 39	0 33	16 22	1 45	16 34	17 12	13 32	13 3	25 36	2 45	4 23
T 30	23 3	27 44	4 8	20 55	0 44	24 1	0 39	10 57	1 15	23 25	0 6	22 49	0 8	21 38	0 33	16 22	1 45	16 35	17 13	13 28	13 2	25 38	2 45	4 23
W31	22s57	27n37	4n38	20s27	0s32	23s58	0s41	11s10	1n14	23s26	0n 6	22n50	0n 8	21s38	0s33	16n22	1s45	16n35	17n13	13n24	13n 0	25n39	2s44	4n22

Julian Day Number = 1990946.5, Delta T = 55m01s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'25, Lahiri = 6°17'25 Julian Calendar 1 Dec. 738 == Greg. Calendar 5 Dec. 738

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ASTRODIENST EPHEMERIS for the year 739
geocentric

JANUARY 739 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 53 37	14♑ 9'51	24♋48	2♒44	10♑27	2♏49	25♐58	15°R25	26♑ 6	20°R42	27°R53	5°R 9	4♉ 9	12♊47	12♓54	T 1
F 2	6 57 34	15°10'52	7♌ 5	3°43	11°43	3°24	26°11	15♋20	26° 9	20♉41	27♍53	4♉56	4° 6	12°54	12°57	F 2
S 3	7 1 30	16°11'54	19°32	4°35	12°58	4° 0	26°25	15°15	26°13	20°40	27°53	4°44	4° 3	13° 1	12°59	S 3
S 4	7 5 27	17°12'54	2♍ 9	5°18	14°13	4°35	26°38	15°10	26°16	20°39	27°53	4°34	3°59	13° 7	13° 1	S 4
M 5	7 9 23	18°13'53	14°57	5°53	15°29	5°11	26°52	15° 5	26°20	20°38	27°52	4°27	3°56	13°14	13° 4	M 5
T 6	7 13 20	19°14'52	27°58	6°17	16°44	5°46	27° 5	15° 0	26°23	20°38	27°52	4°22	3°53	13°21	13° 6	T 6
W 7	7 17 16	20°15'50	11♎15	6°31	17°59	6°21	27°19	14°55	26°27	20°37	27°52	4°21	3°50	13°27	13° 9	W 7
T 8	7 21 13	21°16'47	24°50	6°R35	19°15	6°56	27°32	14°50	26°30	20°36	27°51	4°D20	3°47	13°34	13°11	T 8
F 9	7 25 9	22°17'43	8♏43	6°26	20°30	7°32	27°46	14°45	26°34	20°36	27°51	4°R20	3°44	13°41	13°14	F 9
S 10	7 29 6	23°18'39	22°58	6° 7	21°45	8° 7	27°59	14°40	26°37	20°35	27°50	4°19	3°40	13°47	13°16	S 10
S 11	7 33 3	24°19'34	7♐31	5°37	23° 1	8°42	28°12	14°36	26°41	20°34	27°50	4°16	3°37	13°54	13°19	S 11
M12	7 36 59	25°20'28	22°20	4°56	24°16	9°17	28°25	14°31	26°44	20°34	27°49	4°10	3°34	14° 1	13°21	M12
T 13	7 40 56	26°21'21	7♑18	4° 7	25°31	9°52	28°38	14°26	26°48	20°33	27°49	4° 1	3°31	14° 7	13°24	T 13
W14	7 44 52	27°22'12	22°17	3° 9	26°46	10°26	28°52	14°21	26°51	20°33	27°48	3°50	3°28	14°14	13°27	W14
T 15	7 48 49	28°23'03	7♒ 6	2° 5	28° 2	11° 1	29° 5	14°16	26°55	20°33	27°48	3°38	3°24	14°21	13°30	T 15
F 16	7 52 45	29°23'52	21°37	0°56	29°17	11°36	29°18	14°12	26°58	20°32	27°47	3°26	3°21	14°27	13°32	F 16
S 17	7 56 42	0♒24'39	5♓44	29♑45	0♒32	12°11	29°31	14° 7	27° 2	20°32	27°46	3°16	3°18	14°34	13°35	S 17
S 18	8 0 39	1°25'25	19°23	28°34	1°47	12°45	29°43	14° 2	27° 5	20°31	27°46	3° 8	3°15	14°41	13°38	S 18
M19	8 4 35	2°26'09	2♈33	27°23	3° 2	13°20	29°56	13°58	27° 9	20°31	27°45	3° 3	3°12	14°47	13°41	M19
T 20	8 8 32	3°26'52	15°18	26°17	4°18	13°54	0♑ 9	13°53	27°12	20°31	27°44	3° 1	3° 9	14°54	13°44	T 20
W21	8 12 28	4°27'32	27°40	25°14	5°33	14°28	0°22	13°49	27°16	20°31	27°43	3° 0	3° 5	15° 1	13°47	W21
T 22	8 16 25	5°28'11	9♉46	24°18	6°48	15° 3	0°35	13°44	27°19	20°30	27°43	3° 0	3° 2	15° 7	13°50	T 22
F 23	8 20 21	6°28'48	21°40	23°28	8° 3	15°37	0°47	13°40	27°23	20°30	27°42	2°59	2°59	15°14	13°53	F 23
S 24	8 24 18	7°29'24	3♊29	22°45	9°18	16°11	1° 0	13°36	27°26	20°30	27°41	2°57	2°56	15°21	13°56	S 24
S 25	8 28 14	8°29'58	15°17	22°10	10°33	16°45	1°12	13°32	27°30	20°30	27°40	2°52	2°53	15°27	13°59	S 25
M26	8 32 11	9°30'29	27° 9	21°43	11°48	17°19	1°25	13°27	27°33	20°30	27°39	2°45	2°50	15°34	14° 2	M26
T 27	8 36 8	10°30'59	9♋ 8	21°24	13° 3	17°53	1°37	13°23	27°36	20°D30	27°38	2°34	2°46	15°41	14° 5	T 27
W28	8 40 4	11°31'28	21°17	21°12	14°18	18°27	1°49	13°19	27°40	20°30	27°37	2°22	2°43	15°48	14° 8	W28
T 29	8 44 1	12°31'54	3♌38	21°D 7	15°34	19° 0	2° 2	13°15	27°43	20°30	27°36	2° 8	2°40	15°54	14°12	T 29
F 30	8 47 57	13°32'19	16°10	21° 9	16°49	19°34	2°14	13°11	27°47	20°30	27°35	1°54	2°37	16° 1	14°15	F 30
S 31	8 51 54	14♒32'42	28♌55	21♑18	18♒ 4	20♏ 8	2♑26	13♋ 7	27♑50	20♉30	27♍34	1♉42	2♉34	16♊ 8	14♓18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s51	26n10	4n56	19s59	0s19	23s55	0s43	11s22	1n14	23s26	0n 6	22n50	0n 8	21s37	0s33	16n21	1s45	16n36	17n14	13n20	12n59	25n41	2s44	4n22
F 2	22 44	23 28	5 1	19 32	0 5	23 50	0 45	11 35	1 14	23 27	0 6	22 51	0 8	21 37	0 33	16 21	1 45	16 36	17 15	13 15	12 58	25 42	2 43	4 22
S 3	22 37	19 40	4 51	19 5	0n11	23 45	0 47	11 47	1 14	23 27	0 6	22 52	0 8	21 36	0 33	16 21	1 45	16 37	17 15	13 11	12 57	25 44	2 42	4 22
S 4	22 29	14 56	4 28	18 39	0 26	23 39	0 49	11 59	1 13	23 28	0 6	22 52	0 8	21 35	0 33	16 21	1 45	16 37	17 16	13 8	12 56	25 45	2 42	4 21
M 5	22 21	9 30	3 50	18 14	0 43	23 33	0 51	12 11	1 13	23 28	0 6	22 53	0 8	21 35	0 33	16 21	1 45	16 38	17 16	13 5	12 55	25 47	2 41	4 21
T 6	22 13	3 34	3 0	17 51	1 0	23 26	0 53	12 23	1 13	23 29	0 6	22 54	0 8	21 34	0 33	16 21	1 45	16 39	17 17	13 4	12 54	25 48	2 40	4 21
W 7	22 4	2s39	1 59	17 31	1 18	23 18	0 55	12 35	1 12	23 29	0 6	22 54	0 9	21 33	0 33	16 21	1 45	16 39	17 17	13 3	12 53	25 50	2 40	4 21
T 8	21 54	8 54	0 50	17 12	1 36	23 9	0 57	12 47	1 12	23 29	0 5	22 55	0 9	21 33	0 33	16 20	1 45	16 40	17 18	13 3	12 52	25 51	2 39	4 20
F 9	21 45	14 52	0s23	16 57	1 54	23 0	0 59	12 59	1 12	23 30	0 5	22 56	0 9	21 32	0 33	16 20	1 45	16 41	17 19	13 3	12 51	25 53	2 38	4 20
S 10	21 35	20 12	1 37	16 45	2 12	22 49	1 0	13 11	1 11	23 30	0 5	22 56	0 9	21 31	0 33	16 20	1 45	16 41	17 19	13 3	12 50	25 54	2 37	4 20
S 11	21 24	24 26	2 46	16 36	2 28	22 39	1 2	13 22	1 11	23 30	0 5	22 57	0 9	21 31	0 33	16 20	1 45	16 42	17 20	13 2	12 49	25 56	2 36	4 20
M12	21 13	27 7	3 45	16 30	2 44	22 27	1 4	13 34	1 11	23 31	0 5	22 58	0 9	21 30	0 33	16 20	1 45	16 43	17 20	13 0	12 47	25 57	2 36	4 19
T 13	21 2	27 52	4 29	16 28	2 59	22 15	1 5	13 45	1 10	23 31	0 5	22 58	0 9	21 29	0 33	16 20	1 45	16 43	17 21	12 57	12 46	25 59	2 35	4 19
W14	20 50	26 35	4 54	16 28	3 12	22 2	1 7	13 57	1 10	23 31	0 5	22 59	0 9	21 29	0 33	16 20	1 45	16 44	17 21	12 53	12 45	26 0	2 34	4 19
T 15	20 38	23 27	5 0	16 32	3 23	21 49	1 8	14 8	1 10	23 31	0 5	22 59	0 9	21 28	0 33	16 20	1 44	16 45	17 22	12 49	12 44	26 2	2 33	4 19
F 16	20 25	18 53	4 45	16 38	3 32	21 35	1 10	14 19	1 9	23 31	0 5	23 0	0 10	21 27	0 33	16 20	1 44	16 46	17 22	12 45	12 43	26 3	2 32	4 19
S 17	20 12	13 24	4 14	16 47	3 38	21 20	1 11	14 30	1 9	23 32	0 5	23 1	0 10	21 26	0 33	16 20	1 44	16 46	17 23	12 41	12 42	26 5	2 31	4 18
S 18	19 59	7 26	3 29	16 58	3 42	21 4	1 12	14 41	1 8	23 32	0 5	23 1	0 10	21 26	0 33	16 20	1 44	16 47	17 23	12 39	12 41	26 6	2 30	4 18
M19	19 45	1 19	2 34	17 10	3 44	20 48	1 14	14 52	1 8	23 32	0 4	23 2	0 10	21 25	0 33	16 20	1 44	16 48	17 24	12 37	12 40	26 8	2 30	4 18
T 20	19 31	4n39	1 32	17 23	3 44	20 32	1 15	15 3	1 8	23 32	0 4	23 2	0 10	21 24	0 33	16 20	1 44	16 49	17 24	12 36	12 39	26 9	2 29	4 18
W21	19 17	10 17	0 28	17 37	3 41	20 14	1 16	15 13	1 7	23 32	0 4	23 3	0 10	21 24	0 33	16 20	1 44	16 49	17 25	12 36	12 38	26 11	2 28	4 18
T 22	19 2	15 24	0n36	17 52	3 36	19 56	1 17	15 24	1 7	23 32	0 4	23 3	0 10	21 23	0 33	16 20	1 44	16 50	17 25	12 36	12 37	26 12	2 27	4 17
F 23	18 47	19 52	1 37	18 6	3 30	19 38	1 18	15 34	1 6	23 32	0 4	23 4	0 10	21 22	0 33	16 20	1 44	16 51	17 26	12 36	12 35	26 13	2 26	4 17
S 24	18 31	23 31	2 34	18 21	3 22	19 19	1 19	15 45	1 6	23 32	0 4	23 5	0 10	21 22	0 33	16 20	1 44	16 52	17 26	12 35	12 34	26 15	2 25	4 17
S 25	18 16	26 9	3 24	18 36	3 12	19 0	1 20	15 55	1 5	23 32	0 4	23 5	0 10	21 21	0 33	16 20	1 44	16 53	17 27	12 33	12 33	26 16	2 24	4 17
M26	18 0	27 39	4 5	18 50	3 2	18 39	1 21	16 5	1 5	23 32	0 4	23 6	0 11	21 20	0 33	16 20	1 44	16 53	17 27	12 31	12 32	26 18	2 23	4 17
T 27	17 43	27 52	4 36	19 4	2 51	18 19	1 22	16 15	1 4	23 32	0 4	23 6	0 11	21 20	0 33	16 20	1 44	16 54	17 28	12 27	12 31	26 19	2 22	4 16
W28	17 27	26 45	4 54	19 17	2 40	17 58	1 22	16 25	1 4	23 32	0 4	23 7	0 11	21 19	0 33	16 20	1 44	16 55	17 28	12 23	12 30	26 20	2 21	4 16
T 29	17 10	24 20	5 0	19 30	2 28	17 36	1 23	16 35	1 3	23 32	0 3	23 7	0 11	21 18	0 33	16 20	1 44	16 56	17 29	12 18	12 29	26 22	2 19	4 16
F 30	16 52	20 43	4 51	19 42	2 15	17 14	1 24	16 44	1 3	23 32	0 3	23 8	0 11	21 18	0 33	16 20	1 44	16 57	17 29	12 13	12 28	26 23	2 18	4 16
S 31	16s35	16n 6	4n27	19s53	2n 3	16s51	1s24	16s54	1n 2	23s32	0n 3	23n 8	0n11	21s17	0s33	16n20	1s43	16n58	17n30	12n 9	12n27	26n24	2s17	4n16

Julian Day Number = 1990977.5, Delta T = 55m00s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'29, Lahiri = 6°17'29 Julian Calendar 1 Jan. 739 == Greg. Calendar 5 Jan. 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

FEBRUARY 739 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 55 50	15♒33'03	11♍50	21♉33	19♒19	20♏41	2♉38	13°R 4	27♉54	20♉30	27°R33	1°R31	2♉30	16♊14	14♓21	S 1
M 2	8 59 47	16°33'23	24°57	21°54	20°34	21°14	2°50	13♋ 0	27°57	20°30	27♍32	1♉23	2°27	16°21	14°25	M 2
T 3	9 3 43	17°33'40	8♎15	22°20	21°48	21°48	3° 2	12°56	28° 0	20°31	27°30	1°19	2°24	16°28	14°28	T 3
W 4	9 7 40	18°33'57	21°43	22°51	23° 3	22°21	3°13	12°53	28° 4	20°31	27°29	1°17	2°21	16°34	14°31	W 4
T 5	9 11 36	19°34'12	5♏22	23°27	24°18	22°54	3°25	12°49	28° 7	20°31	27°28	1°D16	2°18	16°41	14°35	T 5
F 6	9 15 33	20°34'25	19°14	24° 7	25°33	23°27	3°37	12°46	28°10	20°32	27°27	1°R17	2°15	16°48	14°38	F 6
S 7	9 19 30	21°34'37	3♐18	24°51	26°48	24° 0	3°48	12°43	28°14	20°32	27°26	1°16	2°11	16°54	14°41	S 7
S 8	9 23 26	22°34'47	17°34	25°38	28° 3	24°33	4° 0	12°39	28°17	20°32	27°24	1°14	2° 8	17° 1	14°45	S 8
M 9	9 27 23	23°34'56	2♑ 0	26°29	29°18	25° 5	4°11	12°36	28°20	20°33	27°23	1° 9	2° 5	17° 8	14°48	M 9
T 10	9 31 19	24°35'03	16°32	27°24	0♓33	25°38	4°23	12°33	28°23	20°33	27°22	1° 2	2° 2	17°14	14°52	T 10
W11	9 35 16	25°35'09	1♒ 5	28°21	1°48	26°10	4°34	12°30	28°27	20°34	27°20	0°52	1°59	17°21	14°55	W11
T 12	9 39 12	26°35'12	15°31	29°21	3° 2	26°43	4°45	12°27	28°30	20°34	27°19	0°41	1°56	17°28	14°59	T 12
F 13	9 43 9	27°35'14	29°44	0♒23	4°17	27°15	4°56	12°25	28°33	20°35	27°18	0°31	1°52	17°34	15° 2	F 13
S 14	9 47 6	28°35'13	13♓39	1°28	5°32	27°47	5° 7	12°22	28°36	20°35	27°16	0°22	1°49	17°41	15° 6	S 14
S 15	9 51 2	29°35'11	27°11	2°35	6°47	28°19	5°18	12°19	28°39	20°36	27°15	0°15	1°46	17°48	15° 9	S 15
M16	9 54 59	0♓35'06	10♈20	3°45	8° 2	28°51	5°28	12°17	28°42	20°37	27°13	0°11	1°43	17°55	15°13	M16
T 17	9 58 55	1°34'59	23° 5	4°56	9°16	29°22	5°39	12°15	28°45	20°37	27°12	0° 9	1°40	18° 1	15°16	T 17
W18	10 2 52	2°34'50	5♉31	6° 9	10°31	29°54	5°50	12°12	28°48	20°38	27°10	0°D 9	1°36	18° 8	15°20	W18
T 19	10 6 48	3°34'39	17°39	7°25	11°46	0♗25	6° 0	12°10	28°51	20°39	27° 9	0° 9	1°33	18°15	15°23	T 19
F 20	10 10 45	4°34'25	29°36	8°42	13° 0	0°56	6°10	12° 8	28°54	20°40	27° 7	0°R10	1°30	18°21	15°27	F 20
S 21	10 14 41	5°34'09	11♊28	10° 0	14°15	1°28	6°21	12° 6	28°57	20°40	27° 6	0°10	1°27	18°28	15°30	S 21
S 22	10 18 38	6°33'51	23°18	11°21	15°29	1°59	6°31	12° 4	29° 0	20°41	27° 4	0° 8	1°24	18°35	15°34	S 22
M23	10 22 34	7°33'31	5♋12	12°43	16°44	2°29	6°41	12° 2	29° 3	20°42	27° 3	0° 5	1°21	18°41	15°38	M23
T 24	10 26 31	8°33'08	17°15	14° 6	17°59	3° 0	6°51	12° 1	29° 6	20°43	27° 1	29♈59	1°17	18°48	15°41	T 24
W25	10 30 28	9°32'43	29°29	15°31	19°13	3°31	7° 0	11°59	29° 9	20°44	27° 0	29°51	1°14	18°55	15°45	W25
T 26	10 34 24	10°32'15	11♌59	16°58	20°28	4° 1	7°10	11°58	29°12	20°45	26°58	29°42	1°11	19° 1	15°48	T 26
F 27	10 38 21	11°31'46	24°44	18°26	21°42	4°31	7°20	11°57	29°15	20°46	26°56	29°33	1° 8	19° 8	15°52	F 27
S 28	10 42 17	12♓31'14	7♍46	19♒55	22♓57	5♐ 1	7♉29	11♋55	29♉18	20♉47	26♍55	29♈25	1♉ 5	19♊15	15♓56	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	16s17	10n42	3n50	20s 3	1n50	16s28	1s25	17s 3	1n 2	23s32	0n 3	23n 9	0n11	21s16	0s33	16n20	1s43	16n58	17n30	12n 5	12n26	26n26	2s16	4n16	
M 2	15 59	4 46	3 0	20 12	1 38	16 5	1 25	17 13	1 1	23 31	0 3	23 9	0 11	21 16	0 33	16 20	1 43	16 59	17 30	12 2	12 25	26 27	2 15	4 15	
T 3	15 41	1s28	1 59	20 20	1 25	15 41	1 25	17 22	1 0	23 31	0 3	23 9	0 11	21 15	0 34	16 21	1 43	17 0	17 31	12 1	12 23	26 28	2 14	4 15	
W 4	15 22	7 44	0 51	20 27	1 13	15 17	1 26	17 31	1 0	23 31	0 3	23 10	0 11	21 14	0 34	16 21	1 43	17 1	17 31	12 0	12 22	26 30	2 13	4 15	
T 5	15 3	13 45	0s22	20 33	1 1	14 52	1 26	17 40	0 59	23 31	0 3	23 10	0 12	21 14	0 34	16 21	1 43	17 2	17 32	12 0	12 21	26 31	2 12	4 15	
F 6	14 44	19 9	1 34	20 38	0 49	14 27	1 26	17 49	0 59	23 31	0 3	23 11	0 12	21 13	0 34	16 21	1 43	17 3	17 32	12 0	12 20	26 32	2 10	4 15	
S 7	14 25	23 36	2 41	20 41	0 38	14 1	1 26	17 58	0 58	23 30	0 3	23 11	0 12	21 12	0 34	16 21	1 43	17 3	17 32	12 0	12 19	26 34	2 9	4 15	
S 8	14 5	26 40	3 40	20 44	0 26	13 35	1 26	18 7	0 57	23 30	0 2	23 12	0 12	21 12	0 34	16 21	1 43	17 4	17 33	11 59	12 18	26 35	2 8	4 15	
M 9	13 45	28 0	4 25	20 45	0 15	13 9	1 26	18 15	0 57	23 30	0 2	23 12	0 12	21 11	0 34	16 21	1 43	17 5	17 33	11 57	12 17	26 36	2 7	4 14	
T 10	13 25	27 25	4 53	20 45	0 5	12 42	1 26	18 24	0 56	23 30	0 2	23 12	0 12	21 10	0 34	16 22	1 43	17 6	17 34	11 55	12 16	26 38	2 6	4 14	
W11	13 5	24 58	5 3	20 44	0s 6	12 15	1 26	18 32	0 55	23 29	0 2	23 13	0 12	21 10	0 34	16 22	1 43	17 7	17 34	11 51	12 15	26 39	2 4	4 14	
T 12	12 44	20 57	4 53	20 41	0 16	11 48	1 26	18 40	0 54	23 29	0 2	23 13	0 12	21 9	0 34	16 22	1 43	17 8	17 34	11 48	12 13	26 40	2 3	4 14	
F 13	12 24	15 46	4 25	20 37	0 25	11 20	1 26	18 49	0 54	23 29	0 2	23 13	0 12	21 9	0 34	16 22	1 43	17 8	17 35	11 44	12 12	26 41	2 2	4 14	
S 14	12 3	9 52	3 41	20 32	0 35	10 52	1 25	18 57	0 53	23 28	0 2	23 14	0 12	21 8	0 34	16 22	1 43	17 9	17 35	11 41	12 11	26 43	2 1	4 14	
S 15	11 42	3 40	2 46	20 25	0 43	10 24	1 25	19 5	0 52	23 28	0 2	23 14	0 12	21 7	0 34	16 23	1 42	17 10	17 35	11 38	12 10	26 44	2 0	4 14	
M16	11 20	2n32	1 44	20 17	0 52	9 55	1 25	19 12	0 51	23 28	0 2	23 14	0 13	21 7	0 34	16 23	1 42	17 11	17 35	11 37	12 9	26 45	1 58	4 14	
T 17	10 59	8 27	0 38	20 8	1 0	9 27	1 24	19 20	0 50	23 27	0 1	23 15	0 13	21 6	0 34	16 23	1 42	17 12	17 36	11 36	12 8	26 46	1 57	4 14	
W18	10 38	13 54	0n29	19 57	1 8	8 58	1 23	19 28	0 50	23 27	0 1	23 15	0 13	21 5	0 34	16 23	1 42	17 13	17 36	11 36	12 7	26 48	1 56	4 13	
T 19	10 16	18 42	1 32	19 45	1 15	8 28	1 23	19 35	0 49	23 27	0 1	23 15	0 13	21 5	0 34	16 24	1 42	17 14	17 36	11 36	12 6	26 49	1 54	4 13	
F 20	9 54	22 40	2 31	19 32	1 22	7 59	1 22	19 42	0 48	23 26	0 1	23 16	0 13	21 4	0 34	16 24	1 42	17 14	17 37	11 37	12 5	26 50	1 53	4 13	
S 21	9 32	25 40	3 23	19 17	1 29	7 29	1 21	19 50	0 47	23 26	0 1	23 16	0 13	21 4	0 34	16 24	1 42	17 15	17 37	11 37	12 4	26 51	1 52	4 13	
S 22	9 10	27 32	4 6	19 1	1 35	7 0	1 20	19 57	0 46	23 26	0 1	23 16	0 13	21 3	0 34	16 24	1 42	17 16	17 37	11 36	12 2	26 52	1 50	4 13	
M23	8 48	28 8	4 38	18 43	1 41	6 29	1 20	20 4	0 45	23 25	0 1	23 16	0 13	21 2	0 34	16 25	1 42	17 17	17 37	11 35	12 1	26 54	1 49	4 13	
T 24	8 25	27 26	4 59	18 24	1 46	5 59	1 19	20 11	0 44	23 25	0 1	23 17	0 13	21 2	0 34	16 25	1 42	17 18	17 38	11 32	12 0	26 55	1 48	4 13	
W25	8 3	25 23	5 6	18 4	1 51	5 29	1 18	20 18	0 43	23 24	0 1	23 17	0 13	21 1	0 34	16 25	1 42	17 19	17 38	11 30	11 59	26 56	1 47	4 13	
T 26	7 40	22 6	5 0	17 42	1 56	4 59	1 16	20 24	0 42	23 24	0 0	23 17	0 13	21 1	0 34	16 26	1 42	17 19	17 38	11 27	11 58	26 57	1 45	4 13	
F 27	7 17	17 43	4 38	17 19	2 0	4 28	1 15	20 31	0 41	23 24	0 0	23 17	0 13	21 0	0 34	16 26	1 42	17 20	17 38	11 23	11 57	26 58	1 44	4 13	
S 28	6s54	12n26	4n 1	16s54	2s 4	3s57	1s14	20s37	0n40	23s23	0n 0	23n17	0n14	21s 0	0s34	16n26	1s42	17n21	17n38	11n20	11n56	26n59	1s43	4n13	

Julian Day Number = 1991008.5, Delta T = 54m59s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'33, Lahiri = 6°17'34 Julian Calendar 1 Feb. 739 == Greg. Calendar 5 Feb. 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

MARCH 739 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 46 14	13♓30'40	21♍ 3	21♒26	24♓11	5♐31	7♑38	11°R54	29♑20	20♉48	26°R53	29°R18	1♉ 1	19♊21	15♓59	S 1
M 2	10 50 10	14°30'03	4♎34	22°58	25°25	6° 1	7°48	11♋53	29°23	20°49	26♍52	29♈13	0°58	19°28	16° 3	M 2
T 3	10 54 7	15°29'25	18°16	24°31	26°40	6°31	7°57	11°52	29°26	20°50	26°50	29°11	0°55	19°35	16° 6	T 3
W 4	10 58 3	16°28'45	2♏ 7	26° 6	27°54	7° 0	8° 6	11°52	29°28	20°51	26°48	29°D11	0°52	19°42	16°10	W 4
T 5	11 2 0	17°28'03	16° 5	27°42	29° 8	7°29	8°15	11°51	29°31	20°53	26°47	29°11	0°49	19°48	16°14	T 5
F 6	11 5 57	18°27'20	0♐ 9	29°20	0♈23	7°58	8°23	11°50	29°34	20°54	26°45	29°13	0°46	19°55	16°17	F 6
S 7	11 9 53	19°26'34	14°16	0♓59	1°37	8°27	8°32	11°50	29°36	20°55	26°43	29°R14	0°42	20° 2	16°21	S 7
S 8	11 13 50	20°25'47	28°27	2°39	2°51	8°56	8°40	11°49	29°39	20°56	26°42	29°14	0°39	20° 8	16°25	S 8
M 9	11 17 46	21°24'58	12♑38	4°21	4° 6	9°24	8°49	11°49	29°41	20°58	26°40	29°12	0°36	20°15	16°28	M 9
T 10	11 21 43	22°24'07	26°48	6° 4	5°20	9°52	8°57	11°49	29°44	20°59	26°38	29° 8	0°33	20°22	16°32	T 10
W11	11 25 39	23°23'15	10♒53	7°49	6°34	10°20	9° 5	11°D49	29°46	21° 0	26°37	29° 4	0°30	20°28	16°35	W11
T 12	11 29 36	24°22'20	24°50	9°35	7°48	10°48	9°13	11°49	29°48	21° 2	26°35	28°58	0°27	20°35	16°39	T 12
F 13	11 33 32	25°21'24	8♓36	11°22	9° 2	11°16	9°21	11°49	29°51	21° 3	26°33	28°53	0°23	20°42	16°43	F 13
S 14	11 37 29	26°20'25	22° 8	13°11	10°17	11°43	9°28	11°50	29°53	21° 5	26°32	28°48	0°20	20°48	16°46	S 14
S 15	11 41 26	27°19'24	5♈22	15° 2	11°31	12°10	9°36	11°50	29°55	21° 6	26°30	28°44	0°17	20°55	16°50	S 15
M16	11 45 22	28°18'21	18°18	16°53	12°45	12°37	9°43	11°51	29°58	21° 8	26°28	28°42	0°14	21° 2	16°53	M16
T 17	11 49 19	29°17'16	0♉57	18°46	13°59	13° 3	9°51	11°51	29°59	21° 9	26°27	28°D42	0°11	21° 9	16°57	T 17
W18	11 53 15	0♈16'09	13°19	20°41	15°13	13°30	9°58	11°52	0♒ 2	21°11	26°25	28°43	0° 7	21°15	17° 1	W18
T 19	11 57 12	1°15'00	25°27	22°37	16°27	13°56	10° 5	11°53	0° 4	21°12	26°23	28°44	0° 4	21°22	17° 4	T 19
F 20	12 1 8	2°13'48	7♊25	24°35	17°41	14°21	10°11	11°54	0° 6	21°14	26°22	28°46	0° 1	21°29	17° 8	F 20
S 21	12 5 5	3°12'34	19°17	26°34	18°55	14°47	10°18	11°55	0° 8	21°15	26°20	28°48	29♈58	21°35	17°11	S 21
S 22	12 9 1	4°11'18	1♋ 9	28°34	20° 9	15°12	10°25	11°56	0°10	21°17	26°18	28°R48	29°55	21°42	17°15	S 22
M23	12 12 58	5° 9'59	13° 4	0♈35	21°22	15°37	10°31	11°57	0°12	21°19	26°17	28°48	29°52	21°49	17°18	M23
T 24	12 16 55	6° 8'39	25° 8	2°38	22°36	16° 2	10°37	11°59	0°14	21°20	26°15	28°47	29°48	21°55	17°22	T 24
W25	12 20 51	7° 7'16	7♌24	4°42	23°50	16°26	10°43	12° 0	0°16	21°22	26°13	28°45	29°45	22° 2	17°25	W25
T 26	12 24 48	8° 5'50	19°57	6°47	25° 4	16°50	10°49	12° 2	0°18	21°24	26°12	28°42	29°42	22° 9	17°29	T 26
F 27	12 28 44	9° 4'23	2♍50	8°53	26°18	17°14	10°55	12° 4	0°19	21°25	26°10	28°39	29°39	22°15	17°32	F 27
S 28	12 32 41	10° 2'53	16° 3	11° 0	27°31	17°37	11° 0	12° 6	0°21	21°27	26° 8	28°36	29°36	22°22	17°35	S 28
S 29	12 36 37	11° 1'21	29°36	13° 7	28°45	18° 0	11° 6	12° 7	0°23	21°29	26° 7	28°34	29°33	22°29	17°39	S 29
M30	12 40 34	11°59'47	13♎28	15°15	29°59	18°23	11°11	12°10	0°24	21°31	26° 5	28°33	29°29	22°36	17°42	M30
T 31	12 44 30	12♈58'11	27♎36	17♈23	1♉12	18♐46	11♑16	12♋12	0♒26	21♉33	26♍ 4	28°D32	29♈26	22♊42	17♓45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s32	6n29	3n11	16s28	2s 7	3s26	1s13	20s44	0n39	23s23	0n 0	23n18	0n14	20s59	0s34	16n27	1s42	17n22	17n38	11n18	11n55	27n 1	1s41	4n13
M 2	6 9	0 9	2 9	16 0	2 10	2 55	1 12	20 50	0 38	23 22	0 0	23 18	0 14	20 59	0 34	16 27	1 42	17 23	17 39	11 16	11 54	27 2	1 40	4 13
T 3	5 45	6s18	0 59	15 31	2 12	2 24	1 10	20 56	0 37	23 22	0s 0	23 18	0 14	20 58	0 34	16 27	1 42	17 23	17 39	11 16	11 52	27 3	1 38	4 13
W 4	5 22	12 32	0s16	15 0	2 14	1 53	1 9	21 2	0 36	23 21	0 0	23 18	0 14	20 57	0 34	16 28	1 41	17 24	17 39	11 15	11 51	27 4	1 37	4 12
T 5	4 59	18 12	1 30	14 28	2 16	1 22	1 7	21 8	0 35	23 21	0 0	23 18	0 14	20 57	0 34	16 28	1 41	17 25	17 39	11 16	11 50	27 5	1 36	4 12
F 6	4 36	22 55	2 40	13 55	2 17	0 51	1 6	21 14	0 33	23 21	0 0	23 18	0 14	20 56	0 34	16 28	1 41	17 26	17 39	11 16	11 49	27 6	1 34	4 12
S 7	4 12	26 19	3 40	13 20	2 17	0 20	1 4	21 20	0 32	23 20	0 1	23 18	0 14	20 56	0 34	16 29	1 41	17 26	17 39	11 17	11 48	27 7	1 33	4 12
S 8	3 49	28 3	4 27	12 44	2 17	0n11	1 3	21 26	0 31	23 20	0 1	23 19	0 14	20 55	0 34	16 29	1 41	17 27	17 39	11 16	11 47	27 8	1 32	4 12
M 9	3 26	27 56	4 58	12 6	2 17	0 42	1 1	21 31	0 30	23 19	0 1	23 19	0 14	20 55	0 34	16 30	1 41	17 28	17 39	11 16	11 46	27 9	1 30	4 12
T 10	3 2	26 1	5 10	11 27	2 16	1 14	0 59	21 37	0 28	23 19	0 1	23 19	0 14	20 54	0 34	16 30	1 41	17 29	17 40	11 15	11 45	27 11	1 29	4 12
W11	2 39	22 29	5 4	10 47	2 15	1 45	0 57	21 42	0 27	23 18	0 1	23 19	0 14	20 54	0 34	16 30	1 41	17 29	17 40	11 13	11 43	27 12	1 27	4 12
T 12	2 15	17 43	4 40	10 5	2 13	2 16	0 56	21 48	0 26	23 18	0 1	23 19	0 14	20 53	0 34	16 31	1 41	17 30	17 40	11 11	11 42	27 13	1 26	4 12
F 13	1 51	12 6	4 0	9 22	2 11	2 47	0 54	21 53	0 24	23 18	0 1	23 19	0 15	20 53	0 34	16 31	1 41	17 31	17 40	11 9	11 41	27 14	1 25	4 12
S 14	1 28	6 0	3 6	8 37	2 8	3 18	0 52	21 58	0 23	23 17	0 1	23 19	0 15	20 52	0 34	16 32	1 41	17 32	17 40	11 7	11 40	27 15	1 23	4 12
S 15	1 4	0n15	2 4	7 51	2 4	3 49	0 50	22 3	0 21	23 17	0 1	23 19	0 15	20 52	0 34	16 32	1 41	17 32	17 40	11 6	11 39	27 16	1 22	4 12
M16	0 41	6 21	0 57	7 4	2 0	4 20	0 48	22 8	0 20	23 16	0 2	23 19	0 15	20 52	0 34	16 33	1 41	17 33	17 40	11 5	11 38	27 17	1 21	4 12
T 17	0 17	12 4	0n12	6 15	1 56	4 51	0 46	22 13	0 19	23 16	0 2	23 19	0 15	20 51	0 34	16 33	1 41	17 34	17 40	11 5	11 37	27 18	1 19	4 12
W18	0n 6	17 12	1 19	5 25	1 51	5 22	0 44	22 18	0 17	23 16	0 2	23 19	0 15	20 51	0 34	16 33	1 41	17 34	17 40	11 5	11 36	27 19	1 18	4 12
T 19	0 30	21 33	2 21	4 34	1 46	5 52	0 41	22 22	0 15	23 15	0 2	23 19	0 15	20 50	0 35	16 34	1 41	17 35	17 40	11 6	11 34	27 20	1 16	4 12
F 20	0 54	24 56	3 17	3 41	1 40	6 23	0 39	22 27	0 14	23 15	0 2	23 19	0 15	20 50	0 35	16 34	1 41	17 36	17 40	11 7	11 33	27 21	1 15	4 12
S 21	1 17	27 12	4 3	2 48	1 33	6 53	0 37	22 32	0 12	23 14	0 2	23 19	0 15	20 49	0 35	16 35	1 41	17 36	17 40	11 7	11 32	27 22	1 14	4 12
S 22	1 41	28 15	4 39	1 53	1 26	7 23	0 35	22 36	0 11	23 14	0 2	23 19	0 15	20 49	0 35	16 35	1 41	17 37	17 40	11 7	11 31	27 23	1 12	4 12
M23	2 4	27 59	5 3	0 58	1 19	7 53	0 32	22 41	0 9	23 14	0 2	23 19	0 15	20 49	0 35	16 36	1 40	17 37	17 40	11 7	11 30	27 24	1 11	4 12
T 24	2 27	26 24	5 14	0 1	1 11	8 23	0 30	22 45	0 7	23 13	0 3	23 19	0 15	20 48	0 35	16 36	1 40	17 38	17 40	11 7	11 29	27 25	1 10	4 12
W25	2 51	23 33	5 11	0n56	1 2	8 53	0 28	22 49	0 5	23 13	0 3	23 19	0 15	20 48	0 35	16 37	1 40	17 39	17 39	11 6	11 28	27 26	1 8	4 12
T 26	3 14	19 33	4 53	1 54	0 53	9 22	0 25	22 53	0 4	23 12	0 3	23 19	0 15	20 48	0 35	16 37	1 40	17 39	17 39	11 5	11 27	27 27	1 7	4 12
F 27	3 37	14 35	4 21	2 53	0 44	9 52	0 23	22 58	0 2	23 12	0 3	23 19	0 16	20 47	0 35	16 38	1 40	17 40	17 39	11 4	11 25	27 28	1 5	4 12
S 28	4 0	8 49	3 33	3 52	0 34	10 21	0 21	23 2	0s 0	23 12	0 3	23 19	0 16	20 47	0 35	16 38	1 40	17 40	17 39	11 3	11 24	27 29	1 4	4 12
S 29	4 23	2 30	2 33	4 51	0 24	10 49	0 18	23 6	0 2	23 12	0 3	23 18	0 16	20 47	0 35	16 39	1 40	17 41	17 39	11 2	11 23	27 30	1 3	4 12
M30	4 46	4s 6	1 22	5 50	0 14	11 18	0 16	23 10	0 4	23 11	0 3	23 18	0 16	20 46	0 35	16 39	1 40	17 41	17 39	11 2	11 22	27 30	1 1	4 12
T 31	5n 9	10s37	0n 5	6n49	0s 3	11n46	0s13	23s14	0s 6	23s11	0s 4	23n18	0n16	20s46	0s35	16n40	1s40	17n42	17n39	11n 2	11n21	27n31	1s 0	4n12

Julian Day Number = 1991036.5, Delta T = 54m58s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'37, Lahiri = 6°17'37 Julian Calendar 1 March 739 == Greg. Calendar 5 March 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

APRIL 739 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 48 27	13♈56'34	11♏54	19♈30	2♉26	19♐ 8	11♑21	12♋14	0♒28	21♉35	26°R 2	28♈32	29♈23	22♊49	17♓49	W 1
T 2	12 52 23	14°54'55	26°19	21°38	3°39	19°30	11°26	12°16	0°29	21°36	26♍ 1	28°33	29°20	22°56	17°52	T 2
F 3	12 56 20	15°53'14	10♐46	23°44	4°53	19°51	11°30	12°19	0°31	21°38	25°59	28°34	29°17	23° 2	17°55	F 3
S 4	13 0 17	16°51'31	25°10	25°50	6° 6	20°12	11°34	12°21	0°32	21°40	25°57	28°35	29°13	23° 9	17°59	S 4
S 5	13 4 13	17°49'47	9♑27	27°54	7°20	20°33	11°39	12°24	0°33	21°42	25°56	28°36	29°10	23°16	18° 2	S 5
M 6	13 8 10	18°48'02	23°36	29°57	8°33	20°53	11°43	12°27	0°35	21°44	25°54	28°R36	29° 7	23°22	18° 5	M 6
T 7	13 12 6	19°46'15	7♒34	1♉57	9°47	21°13	11°47	12°29	0°36	21°46	25°53	28°35	29° 4	23°29	18° 8	T 7
W 8	13 16 3	20°44'26	21°20	3°56	11° 0	21°32	11°50	12°32	0°37	21°48	25°51	28°35	29° 1	23°36	18°12	W 8
T 9	13 19 59	21°42'36	4♓53	5°52	12°13	21°51	11°54	12°35	0°38	21°50	25°50	28°34	28°58	23°43	18°15	T 9
F 10	13 23 56	22°40'44	18°13	7°45	13°27	22° 9	11°57	12°39	0°39	21°52	25°48	28°33	28°54	23°49	18°18	F 10
S 11	13 27 52	23°38'51	1♈18	9°35	14°40	22°27	12° 0	12°42	0°41	21°54	25°47	28°32	28°51	23°56	18°21	S 11
S 12	13 31 49	24°36'56	14°10	11°22	15°53	22°45	12° 3	12°45	0°42	21°56	25°46	28°32	28°48	24° 3	18°24	S 12
M13	13 35 46	25°34'59	26°48	13° 6	17° 7	23° 2	12° 6	12°49	0°43	21°58	25°44	28°D32	28°45	24° 9	18°27	M13
T 14	13 39 42	26°33'01	9♉13	14°47	18°20	23°19	12° 9	12°52	0°44	22° 0	25°43	28°32	28°42	24°16	18°30	T 14
W15	13 43 39	27°31'01	21°27	16°24	19°33	23°35	12°11	12°56	0°44	22° 2	25°41	28°32	28°38	24°23	18°33	W15
T 16	13 47 35	28°28'59	3♊31	17°57	20°46	23°51	12°13	12°59	0°45	22° 4	25°40	28°R32	28°35	24°29	18°36	T 16
F 17	13 51 32	29°26'56	15°27	19°26	21°59	24° 6	12°15	13° 3	0°46	22° 6	25°39	28°32	28°32	24°36	18°39	F 17
S 18	13 55 28	0♉24'50	27°19	20°52	23°12	24°20	12°17	13° 7	0°47	22° 8	25°37	28°32	28°29	24°43	18°42	S 18
S 19	13 59 25	1°22'43	9♋10	22°14	24°25	24°34	12°19	13°11	0°47	22°11	25°36	28°32	28°26	24°50	18°45	S 19
M20	14 3 21	2°20'34	21° 5	23°32	25°38	24°48	12°21	13°15	0°48	22°13	25°35	28°31	28°23	24°56	18°48	M20
T 21	14 7 18	3°18'24	3♌ 7	24°46	26°51	25° 1	12°22	13°19	0°49	22°15	25°34	28°D31	28°19	25° 3	18°51	T 21
W22	14 11 15	4°16'11	15°23	25°55	28° 4	25°13	12°23	13°24	0°49	22°17	25°32	28°31	28°16	25°10	18°53	W22
T 23	14 15 11	5°13'57	27°54	27° 1	29°17	25°25	12°24	13°28	0°50	22°19	25°31	28°32	28°13	25°16	18°56	T 23
F 24	14 19 8	6°11'41	10♍47	28° 3	0♊30	25°36	12°25	13°32	0°50	22°21	25°30	28°32	28°10	25°23	18°59	F 24
S 25	14 23 4	7° 9'24	24° 2	29° 0	1°43	25°47	12°25	13°37	0°51	22°23	25°29	28°33	28° 7	25°30	19° 1	S 25
S 26	14 27 1	8° 7'04	7♎43	29°53	2°56	25°57	12°26	13°41	0°51	22°26	25°28	28°34	28° 4	25°36	19° 4	S 26
M27	14 30 57	9° 4'43	21°47	0♊41	4° 8	26° 6	12°R26	13°46	0°51	22°28	25°27	28°R34	28° 0	25°43	19° 7	M27
T 28	14 34 54	10° 2'21	6♏13	1°25	5°21	26°15	12°26	13°51	0°52	22°30	25°26	28°34	27°57	25°50	19° 9	T 28
W29	14 38 50	10°59'58	20°54	2° 5	6°34	26°23	12°26	13°55	0°52	22°32	25°24	28°34	27°54	25°57	19°12	W29
T 30	14 42 47	11♉57'33	5♐45	2♊40	7♊46	26♐31	12♑25	14♋ 0	0♒52	22♉34	25♍23	28♈33	27♈51	26♊ 3	19♓14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n32	16s40	1s13	7n48	0n 8	12n14	0s11	23s17	0s 8	23s11	0s 4	23n18	0n16	20s46	0s35	16n40	1s40	17n42	17n39	11n 2	11n20	27n32	0s59	4n13
T 2	5 55	21 51	2 28	8 46	0 19	12 42	0 8	23 21	0 10	23 10	0 4	23 18	0 16	20 45	0 35	16 41	1 40	17 43	17 38	11 2	11 19	27 33	0 57	4 13
F 3	6 18	25 43	3 33	9 44	0 30	13 9	0 5	23 25	0 12	23 10	0 4	23 18	0 16	20 45	0 35	16 41	1 40	17 43	17 38	11 2	11 18	27 34	0 56	4 13
S 4	6 40	27 55	4 24	10 40	0 40	13 36	0 3	23 29	0 15	23 10	0 4	23 18	0 16	20 45	0 35	16 42	1 40	17 44	17 38	11 3	11 16	27 35	0 55	4 13
S 5	7 3	28 14	4 59	11 36	0 51	14 3	0 0	23 33	0 17	23 10	0 4	23 17	0 16	20 44	0 35	16 42	1 40	17 44	17 38	11 3	11 15	27 36	0 53	4 13
M 6	7 25	26 42	5 15	12 29	1 2	14 29	0n 2	23 36	0 19	23 9	0 4	23 17	0 16	20 44	0 35	16 43	1 40	17 45	17 38	11 3	11 14	27 37	0 52	4 13
T 7	7 47	23 32	5 13	13 22	1 12	14 55	0 5	23 40	0 21	23 9	0 5	23 17	0 16	20 44	0 35	16 44	1 40	17 45	17 37	11 3	11 13	27 38	0 51	4 13
W 8	8 9	19 5	4 52	14 12	1 22	15 21	0 8	23 44	0 24	23 9	0 5	23 17	0 16	20 44	0 35	16 44	1 40	17 45	17 37	11 3	11 12	27 38	0 49	4 13
T 9	8 31	13 44	4 15	15 0	1 31	15 46	0 10	23 47	0 26	23 9	0 5	23 17	0 16	20 44	0 35	16 45	1 40	17 46	17 37	11 2	11 11	27 39	0 48	4 13
F 10	8 53	7 50	3 25	15 46	1 41	16 11	0 13	23 51	0 29	23 9	0 5	23 16	0 16	20 43	0 35	16 45	1 40	17 46	17 37	11 2	11 10	27 40	0 47	4 13
S 11	9 15	1 42	2 25	16 30	1 49	16 36	0 15	23 54	0 31	23 9	0 5	23 16	0 17	20 43	0 35	16 46	1 40	17 46	17 36	11 2	11 8	27 41	0 45	4 13
S 12	9 36	4n25	1 19	17 12	1 57	17 0	0 18	23 58	0 34	23 8	0 5	23 16	0 17	20 43	0 35	16 46	1 40	17 47	17 36	11 2	11 7	27 42	0 44	4 13
M13	9 57	10 15	0 10	17 51	2 4	17 23	0 21	24 1	0 36	23 8	0 5	23 16	0 17	20 43	0 35	16 47	1 40	17 47	17 36	11 2	11 6	27 43	0 43	4 13
T 14	10 19	15 36	0n59	18 28	2 11	17 47	0 23	24 5	0 39	23 8	0 6	23 15	0 17	20 43	0 35	16 47	1 40	17 47	17 36	11 2	11 5	27 43	0 42	4 13
W15	10 40	20 14	2 4	19 2	2 16	18 9	0 26	24 8	0 42	23 8	0 6	23 15	0 17	20 42	0 35	16 48	1 40	17 48	17 35	11 2	11 4	27 44	0 40	4 14
T 16	11 1	23 59	3 2	19 33	2 21	18 32	0 29	24 12	0 44	23 8	0 6	23 15	0 17	20 42	0 35	16 48	1 40	17 48	17 35	11 2	11 3	27 45	0 39	4 14
F 17	11 21	26 39	3 52	20 3	2 26	18 54	0 31	24 15	0 47	23 8	0 6	23 14	0 17	20 42	0 35	16 49	1 40	17 48	17 35	11 2	11 2	27 46	0 38	4 14
S 18	11 42	28 6	4 31	20 29	2 29	19 15	0 34	24 19	0 50	23 8	0 6	23 14	0 17	20 42	0 36	16 50	1 40	17 48	17 34	11 2	11 1	27 47	0 37	4 14
S 19	12 2	28 15	4 59	20 54	2 32	19 36	0 36	24 22	0 53	23 8	0 6	23 14	0 17	20 42	0 36	16 50	1 39	17 49	17 34	11 1	10 59	27 47	0 35	4 14
M20	12 22	27 7	5 14	21 15	2 33	19 56	0 39	24 26	0 56	23 8	0 6	23 13	0 17	20 42	0 36	16 51	1 39	17 49	17 34	11 1	10 58	27 48	0 34	4 14
T 21	12 42	24 43	5 16	21 35	2 34	20 16	0 42	24 29	0 59	23 8	0 7	23 13	0 17	20 42	0 36	16 51	1 39	17 49	17 33	11 1	10 57	27 49	0 33	4 14
W22	13 2	21 10	5 3	21 52	2 34	20 35	0 44	24 33	1 2	23 8	0 7	23 13	0 17	20 42	0 36	16 52	1 39	17 49	17 33	11 1	10 56	27 50	0 32	4 14
T 23	13 21	16 36	4 36	22 6	2 33	20 54	0 47	24 36	1 5	23 8	0 7	23 12	0 17	20 42	0 36	16 52	1 39	17 49	17 33	11 2	10 55	27 50	0 31	4 14
F 24	13 41	11 12	3 55	22 18	2 31	21 12	0 49	24 40	1 8	23 8	0 7	23 12	0 17	20 41	0 36	16 53	1 39	17 50	17 32	11 2	10 54	27 51	0 29	4 14
S 25	14 0	5 8	3 0	22 28	2 28	21 29	0 52	24 44	1 11	23 8	0 7	23 12	0 17	20 41	0 36	16 54	1 39	17 50	17 32	11 2	10 53	27 52	0 28	4 15
S 26	14 19	1s21	1 53	22 36	2 24	21 46	0 54	24 47	1 15	23 8	0 7	23 11	0 18	20 41	0 36	16 54	1 39	17 50	17 32	11 2	10 51	27 52	0 27	4 15
M27	14 37	7 58	0 38	22 42	2 19	22 3	0 57	24 51	1 18	23 9	0 8	23 11	0 18	20 41	0 36	16 55	1 39	17 50	17 31	11 2	10 50	27 53	0 26	4 15
T 28	14 56	14 21	0s42	22 45	2 13	22 19	0 59	24 55	1 22	23 9	0 8	23 10	0 18	20 41	0 36	16 55	1 39	17 50	17 31	11 2	10 49	27 54	0 25	4 15
W29	15 14	20 2	2 0	22 47	2 6	22 34	1 1	24 58	1 25	23 9	0 8	23 10	0 18	20 41	0 36	16 56	1 39	17 50	17 31	11 2	10 48	27 54	0 24	4 15
T 30	15n32	24s33	3s11	22n46	1n58	22n48	1n 4	25s 2	1s29	23s 9	0s 8	23n 9	0n18	20s41	0s36	16n57	1s39	17n50	17n30	11n 2	10n47	27n55	0s23	4n15

Julian Day Number = 1991067.5, Delta T = 54m58s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'41, Lahiri = 6°17'42 Julian Calendar 1 Apr. 739 == Greg. Calendar 5 Apr. 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

MAY 739 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 46 44	12♉55'07	20♐38	3♊10	8♊59	26♐38	12°R25	14♋ 5	0♒52	22♉37	25°R22	28°R31	27♈48	26♊10	19♓17	F 1
S 2	14 50 40	13°52'40	5♑25	3°36	10°11	26°44	12♑24	14°10	0°52	22°39	25♍21	28♈29	27°44	26°17	19°19	S 2
S 3	14 54 37	14°50'12	19°59	3°57	11°24	26°49	12°23	14°15	0°R52	22°41	25°21	28°28	27°41	26°23	19°21	S 3
M 4	14 58 33	15°47'44	4♒16	4°13	12°36	26°54	12°22	14°21	0°52	22°43	25°20	28°27	27°38	26°30	19°24	M 4
T 5	15 2 30	16°45'14	18°14	4°25	13°49	26°58	12°20	14°26	0°52	22°46	25°19	28°D26	27°35	26°37	19°26	T 5
W 6	15 6 26	17°42'43	1♓51	4°32	15° 1	27° 2	12°19	14°31	0°52	22°48	25°18	28°27	27°32	26°43	19°28	W 6
T 7	15 10 23	18°40'12	15°10	4°R34	16°14	27° 4	12°17	14°36	0°52	22°50	25°17	28°28	27°29	26°50	19°31	T 7
F 8	15 14 19	19°37'40	28°10	4°32	17°26	27° 6	12°15	14°42	0°51	22°52	25°16	28°29	27°25	26°57	19°33	F 8
S 9	15 18 16	20°35'06	10♈56	4°25	18°38	27° 7	12°13	14°47	0°51	22°55	25°15	28°31	27°22	27° 4	19°35	S 9
S 10	15 22 13	21°32'32	23°28	4°14	19°50	27°R 8	12°11	14°53	0°51	22°57	25°15	28°R31	27°19	27°10	19°37	S 10
M11	15 26 9	22°29'58	5♉48	3°59	21° 3	27° 7	12° 9	14°59	0°50	22°59	25°14	28°31	27°16	27°17	19°39	M11
T 12	15 30 6	23°27'22	17°59	3°40	22°15	27° 6	12° 6	15° 4	0°50	23° 1	25°13	28°30	27°13	27°24	19°41	T 12
W13	15 34 2	24°24'45	0♊ 3	3°17	23°27	27° 4	12° 3	15°10	0°49	23° 3	25°13	28°27	27°10	27°30	19°43	W13
T 14	15 37 59	25°22'08	12° 0	2°52	24°39	27° 2	12° 0	15°16	0°49	23° 6	25°12	28°24	27° 6	27°37	19°45	T 14
F 15	15 41 55	26°19'30	23°53	2°24	25°51	26°58	11°57	15°22	0°48	23° 8	25°11	28°19	27° 3	27°44	19°47	F 15
S 16	15 45 52	27°16'50	5♋44	1°54	27° 3	26°54	11°54	15°28	0°48	23°10	25°11	28°14	27° 0	27°50	19°49	S 16
S 17	15 49 48	28°14'10	17°35	1°22	28°15	26°49	11°50	15°34	0°47	23°12	25°10	28° 9	26°57	27°57	19°50	S 17
M18	15 53 45	29°11'29	29°30	0°49	29°27	26°44	11°46	15°40	0°46	23°15	25°10	28° 5	26°54	28° 4	19°52	M18
T 19	15 57 42	0♊ 8'47	11♌32	0°15	0♋39	26°37	11°42	15°46	0°46	23°17	25° 9	28° 2	26°50	28°11	19°54	T 19
W20	16 1 38	1° 6'03	23°45	29♉42	1°51	26°30	11°38	15°53	0°45	23°19	25° 9	28° 1	26°47	28°17	19°55	W20
T 21	16 5 35	2° 3'19	6♍13	29° 9	3° 3	26°22	11°34	15°59	0°44	23°21	25° 8	28°D 1	26°44	28°24	19°57	T 21
F 22	16 9 31	3° 0'34	19° 1	28°37	4°14	26°14	11°30	16° 5	0°43	23°24	25° 8	28° 2	26°41	28°31	19°58	F 22
S 23	16 13 28	3°57'48	2♎12	28° 7	5°26	26° 5	11°25	16°12	0°42	23°26	25° 8	28° 3	26°38	28°37	20° 0	S 23
S 24	16 17 24	4°55'00	15°50	27°39	6°38	25°55	11°21	16°18	0°41	23°28	25° 7	28° 4	26°35	28°44	20° 1	S 24
M25	16 21 21	5°52'13	29°55	27°13	7°49	25°44	11°16	16°24	0°40	23°30	25° 7	28°R 5	26°31	28°51	20° 3	M25
T 26	16 25 17	6°49'24	14♏27	26°51	9° 1	25°33	11°11	16°31	0°39	23°32	25° 7	28° 4	26°28	28°58	20° 4	T 26
W27	16 29 14	7°46'35	29°20	26°33	10°12	25°21	11° 6	16°38	0°38	23°35	25° 7	28° 1	26°25	29° 4	20° 5	W27
T 28	16 33 11	8°43'46	14♐28	26°18	11°24	25° 9	11° 0	16°44	0°37	23°37	25° 6	27°57	26°22	29°11	20° 7	T 28
F 29	16 37 7	9°40'56	29°40	26° 7	12°35	24°56	10°55	16°51	0°36	23°39	25° 6	27°51	26°19	29°18	20° 8	F 29
S 30	16 41 4	10°38'06	14♑48	26° 0	13°46	24°42	10°49	16°58	0°34	23°41	25° 6	27°45	26°16	29°24	20° 9	S 30
S 31	16 45 0	11♊35'16	29♑40	25°D58	14♋57	24♐28	10♑44	17♋ 4	0♒33	23♉43	25♍ 6	27♈39	26♈12	29♊31	20♓10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n49	27s25	4s 9	22n43	1n49	23n 2	1n 6	25s 6	1s32	23s 9	0s 8	23n 9	0n18	20s41	0s36	16n57	1s39	17n50	17n30	11n 1	10n46	27n56	0s22	4n15
S 2	16 7	28 20	4 51	22 39	1 40	23 16	1 8	25 10	1 36	23 10	0 8	23 9	0 18	20 41	0 36	16 58	1 39	17 50	17 29	11 1	10 45	27 57	0 21	4 15
S 3	16 24	27 15	5 12	22 32	1 29	23 28	1 11	25 13	1 39	23 10	0 8	23 8	0 18	20 41	0 36	16 58	1 39	17 50	17 29	11 0	10 43	27 57	0 20	4 16
M 4	16 41	24 24	5 14	22 24	1 17	23 40	1 13	25 17	1 43	23 10	0 9	23 8	0 18	20 41	0 36	16 59	1 39	17 50	17 28	11 0	10 42	27 58	0 18	4 16
T 5	16 57	20 10	4 57	22 14	1 5	23 51	1 15	25 21	1 47	23 10	0 9	23 7	0 18	20 41	0 36	16 59	1 39	17 50	17 28	11 0	10 41	27 58	0 17	4 16
W 6	17 14	14 59	4 24	22 2	0 51	24 2	1 17	25 25	1 51	23 11	0 9	23 7	0 18	20 42	0 36	17 0	1 39	17 50	17 28	11 0	10 40	27 59	0 16	4 16
T 7	17 30	9 13	3 37	21 48	0 37	24 12	1 19	25 29	1 55	23 11	0 9	23 6	0 18	20 42	0 36	17 1	1 39	17 50	17 27	11 0	10 39	28 0	0 15	4 16
F 8	17 46	3 10	2 40	21 33	0 22	24 21	1 21	25 33	1 59	23 11	0 9	23 5	0 18	20 42	0 36	17 1	1 39	17 50	17 27	11 1	10 38	28 0	0 14	4 16
S 9	18 1	2n53	1 35	21 17	0 7	24 30	1 23	25 37	2 3	23 12	0 9	23 5	0 18	20 42	0 36	17 2	1 39	17 50	17 26	11 1	10 36	28 1	0 13	4 16
S 10	18 16	8 44	0 28	20 59	0s 9	24 38	1 25	25 41	2 7	23 12	0 10	23 4	0 18	20 42	0 36	17 2	1 39	17 50	17 26	11 1	10 35	28 2	0 12	4 17
M11	18 31	14 10	0n40	20 40	0 26	24 45	1 27	25 45	2 11	23 12	0 10	23 4	0 19	20 42	0 36	17 3	1 39	17 49	17 25	11 1	10 34	28 2	0 12	4 17
T 12	18 46	18 59	1 45	20 20	0 43	24 51	1 29	25 49	2 15	23 13	0 10	23 3	0 19	20 42	0 36	17 3	1 39	17 49	17 25	11 1	10 33	28 3	0 11	4 17
W13	19 0	22 59	2 44	19 58	1 0	24 57	1 31	25 53	2 19	23 13	0 10	23 3	0 19	20 42	0 36	17 4	1 39	17 49	17 24	11 0	10 32	28 3	0 10	4 17
T 14	19 14	25 57	3 36	19 37	1 17	25 2	1 33	25 58	2 23	23 14	0 10	23 2	0 19	20 42	0 36	17 5	1 39	17 49	17 24	10 59	10 31	28 4	0 9	4 17
F 15	19 28	27 45	4 18	19 14	1 35	25 7	1 34	26 2	2 28	23 14	0 10	23 1	0 19	20 43	0 36	17 5	1 39	17 49	17 23	10 57	10 30	28 4	0 8	4 17
S 16	19 41	28 17	4 49	18 52	1 51	25 10	1 36	26 6	2 32	23 15	0 11	23 1	0 19	20 43	0 37	17 6	1 39	17 49	17 23	10 55	10 28	28 5	0 7	4 18
S 17	19 54	27 30	5 7	18 29	2 8	25 13	1 37	26 10	2 36	23 15	0 11	23 0	0 19	20 43	0 37	17 6	1 39	17 48	17 22	10 54	10 27	28 5	0 6	4 18
M18	20 7	25 28	5 12	18 7	2 24	25 15	1 39	26 14	2 41	23 16	0 11	22 59	0 19	20 43	0 37	17 7	1 39	17 48	17 22	10 52	10 26	28 6	0 5	4 18
T 19	20 19	22 18	5 4	17 45	2 39	25 17	1 40	26 18	2 45	23 16	0 11	22 59	0 19	20 43	0 37	17 7	1 39	17 48	17 21	10 51	10 25	28 7	0 5	4 18
W20	20 31	18 7	4 41	17 23	2 54	25 17	1 42	26 23	2 49	23 17	0 11	22 58	0 19	20 44	0 37	17 8	1 39	17 48	17 21	10 50	10 24	28 7	0 4	4 18
T 21	20 43	13 5	4 6	17 3	3 8	25 17	1 43	26 27	2 54	23 17	0 11	22 57	0 19	20 44	0 37	17 8	1 39	17 47	17 20	10 50	10 23	28 8	0 3	4 18
F 22	20 54	7 23	3 17	16 44	3 20	25 16	1 44	26 31	2 58	23 18	0 12	22 57	0 19	20 44	0 37	17 9	1 39	17 47	17 20	10 51	10 22	28 8	0 2	4 19
S 23	21 5	1 12	2 16	16 26	3 32	25 15	1 45	26 35	3 2	23 18	0 12	22 56	0 19	20 44	0 37	17 10	1 39	17 47	17 19	10 51	10 20	28 9	0 1	4 19
S 24	21 16	5s15	1 6	16 10	3 42	25 13	1 47	26 39	3 7	23 19	0 12	22 55	0 19	20 44	0 37	17 10	1 39	17 46	17 19	10 52	10 19	28 9	0 1	4 19
M25	21 26	11 41	0s10	15 56	3 51	25 10	1 48	26 43	3 11	23 19	0 12	22 55	0 19	20 45	0 37	17 11	1 39	17 46	17 18	10 52	10 18	28 10	0 0	4 19
T 26	21 36	17 41	1 28	15 43	3 58	25 6	1 49	26 47	3 16	23 20	0 12	22 54	0 20	20 45	0 37	17 11	1 39	17 46	17 18	10 51	10 17	28 10	0n 1	4 19
W27	21 45	22 46	2 41	15 33	4 4	25 2	1 49	26 51	3 20	23 21	0 13	22 53	0 20	20 45	0 37	17 12	1 39	17 45	17 17	10 51	10 16	28 10	0 1	4 19
T 28	21 55	26 25	3 45	15 25	4 9	24 57	1 50	26 55	3 24	23 21	0 13	22 52	0 20	20 46	0 37	17 12	1 39	17 45	17 17	10 49	10 15	28 11	0 2	4 20
F 29	22 3	28 9	4 33	15 19	4 13	24 51	1 51	26 59	3 29	23 22	0 13	22 52	0 20	20 46	0 37	17 13	1 39	17 44	17 16	10 47	10 13	28 11	0 3	4 20
S 30	22 12	27 46	5 1	15 15	4 15	24 44	1 52	27 3	3 33	23 23	0 13	22 51	0 20	20 46	0 37	17 13	1 39	17 44	17 16	10 45	10 12	28 12	0 3	4 20
S 31	22n20	25s23	5s 9	15n14	4s16	24n37	1n52	27s 6	3s37	23s23	0s13	22n50	0n20	20s46	0s37	17n14	1s39	17n43	17n15	10n43	10n11	28n12	0n 4	4n20

Julian Day Number = 1991097.5, Delta T = 54m57s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'45, Lahiri = 6°17'46 Julian Calendar 1 May 739 == Greg. Calendar 5 May 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

JUNE 739 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 48 57	12♊32'25	14♒11	26♉ 1	16♋ 9	24°R14	10°R38	17♋11	0°R32	23♉45	25°R 6	27°R35	26♈ 9	29♊38	20♓11	M 1
T 2	16 52 53	13°29'35	28°17	26° 8	17°20	23♐59	10♑32	17°18	0♒30	23°48	25°D 6	27♈32	26° 6	29°45	20°12	T 2
W 3	16 56 50	14°26'44	11♓55	26°20	18°31	23°43	10°26	17°25	0°29	23°50	25♍ 6	27°D31	26° 3	29°51	20°13	W 3
T 4	17 0 47	15°23'53	25° 9	26°37	19°42	23°27	10°19	17°32	0°28	23°52	25° 6	27°31	26° 0	29°58	20°14	T 4
F 5	17 4 43	16°21'03	8♈ 1	26°59	20°53	23°11	10°13	17°39	0°26	23°54	25° 6	27°32	25°56	0♋ 5	20°15	F 5
S 6	17 8 40	17°18'12	20°34	27°25	22° 4	22°54	10° 7	17°46	0°25	23°56	25° 6	27°33	25°53	0°11	20°16	S 6
S 7	17 12 36	18°15'22	2♉53	27°56	23°15	22°37	10° 0	17°53	0°23	23°58	25° 6	27°R33	25°50	0°18	20°16	S 7
M 8	17 16 33	19°12'32	15° 2	28°32	24°25	22°20	9°53	18° 0	0°22	24° 0	25° 6	27°32	25°47	0°25	20°17	M 8
T 9	17 20 29	20° 9'42	27° 2	29°12	25°36	22° 2	9°47	18° 7	0°20	24° 2	25° 7	27°28	25°44	0°31	20°18	T 9
W10	17 24 26	21° 6'52	8♊57	29°57	26°47	21°45	9°40	18°14	0°18	24° 4	25° 7	27°22	25°41	0°38	20°18	W10
T 11	17 28 22	22° 4'02	20°50	0♊47	27°58	21°27	9°33	18°22	0°17	24° 6	25° 7	27°13	25°37	0°45	20°19	T 11
F 12	17 32 19	23° 1'12	2♋41	1°41	29° 8	21° 9	9°26	18°29	0°15	24° 8	25° 8	27° 3	25°34	0°52	20°19	F 12
S 13	17 36 16	23°58'23	14°32	2°39	0♌19	20°52	9°19	18°36	0°13	24°10	25° 8	26°53	25°31	0°58	20°20	S 13
S 14	17 40 12	24°55'33	26°26	3°42	1°29	20°34	9°11	18°43	0°11	24°12	25° 8	26°42	25°28	1° 5	20°20	S 14
M15	17 44 9	25°52'43	8♌23	4°49	2°39	20°16	9° 4	18°51	0° 9	24°14	25° 9	26°33	25°25	1°12	20°20	M15
T 16	17 48 5	26°49'53	20°28	6° 0	3°50	19°59	8°57	18°58	0° 8	24°16	25° 9	26°25	25°22	1°18	20°21	T 16
W17	17 52 2	27°47'03	2♍41	7°16	5° 0	19°41	8°49	19° 5	0° 6	24°18	25°10	26°20	25°18	1°25	20°21	W17
T 18	17 55 58	28°44'13	15° 9	8°35	6°10	19°24	8°42	19°13	0° 4	24°20	25°10	26°17	25°15	1°32	20°21	T 18
F 19	17 59 55	29°41'23	27°53	9°59	7°20	19° 7	8°34	19°20	0° 2	24°22	25°11	26°D16	25°12	1°39	20°21	F 19
S 20	18 3 51	0♋38'33	10♎58	11°26	8°30	18°51	8°27	19°28	29♑59	24°24	25°11	26°16	25° 9	1°45	20°R21	S 20
S 21	18 7 48	1°35'43	24°29	12°58	9°40	18°35	8°19	19°35	29°58	24°26	25°12	26°R17	25° 6	1°52	20°21	S 21
M22	18 11 45	2°32'53	8♏27	14°33	10°50	18°19	8°11	19°43	29°56	24°28	25°13	26°16	25° 2	1°59	20°21	M22
T 23	18 15 41	3°30'03	22°52	16°12	12° 0	18° 3	8° 4	19°50	29°54	24°30	25°13	26°14	24°59	2° 5	20°21	T 23
W24	18 19 38	4°27'14	7♐42	17°55	13° 9	17°49	7°56	19°58	29°52	24°32	25°14	26° 9	24°56	2°12	20°21	W24
T 25	18 23 34	5°24'25	22°52	19°41	14°19	17°34	7°48	20° 5	29°50	24°33	25°15	26° 2	24°53	2°19	20°21	T 25
F 26	18 27 31	6°21'36	8♑10	21°30	15°28	17°20	7°41	20°13	29°48	24°35	25°15	25°53	24°50	2°26	20°20	F 26
S 27	18 31 27	7°18'48	23°27	23°22	16°38	17° 7	7°33	20°21	29°45	24°37	25°16	25°43	24°47	2°32	20°20	S 27
S 28	18 35 24	8°16'01	8♒32	25°17	17°47	16°54	7°25	20°28	29°43	24°39	25°17	25°33	24°43	2°39	20°20	S 28
M29	18 39 21	9°13'14	23°14	27°15	18°56	16°42	7°17	20°36	29°41	24°40	25°18	25°25	24°40	2°46	20°19	M29
T 30	18 43 17	10♋10'28	7♓29	29♊14	20♌ 5	16♐31	7♑10	20♋43	29♑39	24♉42	25♍19	25♈19	24♈37	2♋52	20♓19	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n27	21s24	4s56	15n15	4s16	24n29	1n53	27s10	3s41	23s24	0s13	22n49	0n20	20s47	0s37	17n14	1s39	17n43	17n15	10n41	10n10	28n13	0n 4	4n20
T 2	22 35	16 18	4 26	15 18	4 14	24 20	1 53	27 13	3 46	23 24	0 14	22 48	0 20	20 47	0 37	17 15	1 39	17 42	17 14	10 40	10 9	28 13	0 5	4 21
W 3	22 41	10 32	3 41	15 23	4 11	24 11	1 53	27 17	3 50	23 25	0 14	22 48	0 20	20 47	0 37	17 15	1 39	17 42	17 13	10 40	10 8	28 13	0 6	4 21
T 4	22 48	4 28	2 46	15 31	4 8	24 1	1 54	27 20	3 54	23 26	0 14	22 47	0 20	20 48	0 37	17 16	1 39	17 41	17 13	10 40	10 6	28 14	0 6	4 21
F 5	22 54	1n37	1 43	15 40	4 3	23 51	1 54	27 23	3 58	23 26	0 14	22 46	0 20	20 48	0 37	17 16	1 39	17 41	17 12	10 40	10 5	28 14	0 7	4 21
S 6	23 0	7 31	0 38	15 52	3 57	23 39	1 54	27 26	4 2	23 27	0 14	22 45	0 20	20 48	0 37	17 17	1 39	17 40	17 12	10 40	10 4	28 15	0 7	4 21
S 7	23 5	13 0	0n29	16 5	3 51	23 27	1 54	27 29	4 5	23 28	0 14	22 44	0 20	20 49	0 37	17 17	1 39	17 40	17 11	10 40	10 3	28 15	0 8	4 22
M 8	23 10	17 56	1 33	16 20	3 44	23 15	1 54	27 31	4 9	23 28	0 15	22 43	0 20	20 49	0 37	17 18	1 39	17 39	17 11	10 40	10 2	28 15	0 8	4 22
T 9	23 14	22 5	2 31	16 37	3 35	23 2	1 54	27 34	4 13	23 29	0 15	22 42	0 21	20 50	0 37	17 18	1 39	17 39	17 10	10 38	10 1	28 16	0 8	4 22
W10	23 18	25 17	3 23	16 55	3 27	22 48	1 53	27 36	4 16	23 30	0 15	22 42	0 21	20 50	0 37	17 19	1 39	17 38	17 10	10 36	9 59	28 16	0 9	4 22
T 11	23 22	27 22	4 6	17 14	3 17	22 33	1 53	27 39	4 20	23 30	0 15	22 41	0 21	20 50	0 37	17 19	1 39	17 37	17 9	10 33	9 58	28 16	0 9	4 22
F 12	23 25	28 12	4 37	17 35	3 7	22 18	1 52	27 41	4 23	23 31	0 15	22 40	0 21	20 51	0 37	17 20	1 39	17 37	17 9	10 30	9 57	28 17	0 10	4 22
S 13	23 28	27 44	4 57	17 57	2 56	22 3	1 52	27 43	4 26	23 32	0 15	22 39	0 21	20 51	0 37	17 20	1 39	17 36	17 8	10 26	9 56	28 17	0 10	4 23
S 14	23 30	25 59	5 4	18 20	2 45	21 46	1 51	27 45	4 29	23 33	0 16	22 38	0 21	20 52	0 37	17 21	1 39	17 36	17 7	10 22	9 55	28 17	0 10	4 23
M15	23 32	23 4	4 58	18 43	2 34	21 30	1 51	27 46	4 32	23 33	0 16	22 37	0 21	20 52	0 37	17 21	1 39	17 35	17 7	10 18	9 54	28 18	0 11	4 23
T 16	23 34	19 9	4 38	19 8	2 22	21 12	1 50	27 48	4 35	23 34	0 16	22 36	0 21	20 52	0 37	17 22	1 39	17 34	17 6	10 16	9 52	28 18	0 11	4 23
W17	23 35	14 24	4 5	19 32	2 10	20 54	1 49	27 49	4 38	23 35	0 16	22 35	0 21	20 53	0 37	17 22	1 40	17 34	17 6	10 14	9 51	28 18	0 11	4 23
T 18	23 36	8 58	3 21	19 57	1 57	20 36	1 48	27 50	4 41	23 35	0 16	22 34	0 21	20 53	0 37	17 23	1 40	17 33	17 5	10 13	9 50	28 18	0 11	4 24
F 19	23 36	3 4	2 25	20 23	1 45	20 17	1 47	27 51	4 43	23 36	0 16	22 33	0 21	20 54	0 38	17 23	1 40	17 32	17 5	10 12	9 49	28 19	0 12	4 24
S 20	23 36	3s 8	1 21	20 48	1 32	19 57	1 45	27 52	4 45	23 36	0 17	22 32	0 21	20 54	0 38	17 24	1 40	17 31	17 4	10 12	9 48	28 19	0 12	4 24
S 21	23 36	9 24	0 10	21 13	1 19	19 37	1 44	27 53	4 48	23 37	0 17	22 31	0 21	20 55	0 38	17 24	1 40	17 31	17 4	10 13	9 47	28 19	0 12	4 24
M22	23 35	15 26	1s 4	21 37	1 6	19 17	1 43	27 54	4 50	23 38	0 17	22 30	0 21	20 55	0 38	17 24	1 40	17 30	17 3	10 12	9 45	28 19	0 12	4 24
T 23	23 33	20 49	2 16	22 0	0 53	18 56	1 41	27 54	4 52	23 38	0 17	22 29	0 22	20 55	0 38	17 25	1 40	17 29	17 3	10 12	9 44	28 20	0 12	4 25
W24	23 32	25 3	3 21	22 23	0 40	18 34	1 40	27 54	4 53	23 39	0 17	22 28	0 22	20 56	0 38	17 25	1 40	17 28	17 2	10 10	9 43	28 20	0 12	4 25
T 25	23 30	27 37	4 13	22 45	0 27	18 13	1 38	27 55	4 55	23 40	0 17	22 27	0 22	20 56	0 38	17 26	1 40	17 28	17 2	10 7	9 42	28 20	0 12	4 25
F 26	23 27	28 8	4 48	23 5	0 15	17 50	1 36	27 55	4 57	23 40	0 17	22 26	0 22	20 57	0 38	17 26	1 40	17 27	17 1	10 4	9 41	28 20	0 12	4 25
S 27	23 24	26 30	5 2	23 23	0 3	17 27	1 34	27 55	4 58	23 41	0 18	22 25	0 22	20 57	0 38	17 26	1 40	17 26	17 0	10 0	9 40	28 21	0 13	4 25
S 28	23 21	22 59	4 54	23 40	0n 9	17 4	1 32	27 55	4 59	23 41	0 18	22 24	0 22	20 58	0 38	17 27	1 40	17 25	17 0	9 57	9 38	28 21	0 13	4 26
M29	23 17	18 4	4 27	23 54	0 20	16 41	1 30	27 55	5 0	23 42	0 18	22 23	0 22	20 58	0 38	17 27	1 40	17 24	16 59	9 54	9 37	28 21	0 13	4 26
T 30	23n13	12s17	3s44	24n 7	0n31	16n17	1n28	27s55	5s 1	23s43	0s18	22n22	0n22	20s59	0s38	17n28	1s40	17n24	16n59	9n52	9n36	28n21	0n13	4n26

Julian Day Number = 1991128.5, Delta T = 54m56s
Ecliptic obliquity = 23°36'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'50, Lahiri = 6°17'50 Julian Calendar 1 June 739 == Greg. Calendar 5 June 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

JULY 739 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 47 14	11♋ 7'43	21♓14	1♋16	21♌14	16°R20	7°R 2	20♋51	29°R37	24♉44	25♍20	25°R16	24♈34	2♋59	20°R18	W 1
T 2	18 51 10	12° 4'59	4♈31	3°19	22°23	16♐10	6♑54	20°59	29♑34	24°45	25°21	25♈15	24°31	3° 6	20♓18	T 2
F 3	18 55 7	13° 2'15	17°22	5°24	23°32	16° 1	6°46	21° 6	29°32	24°47	25°22	25°D14	24°28	3°13	20°17	F 3
S 4	18 59 3	13°59'33	29°52	7°29	24°41	15°52	6°39	21°14	29°30	24°49	25°23	25°R14	24°24	3°19	20°16	S 4
S 5	19 3 0	14°56'52	12♉ 6	9°36	25°49	15°44	6°31	21°22	29°28	24°50	25°24	25°13	24°21	3°26	20°16	S 5
M 6	19 6 56	15°54'12	24° 8	11°42	26°58	15°37	6°24	21°30	29°25	24°52	25°25	25°11	24°18	3°33	20°15	M 6
T 7	19 10 53	16°51'33	6♊ 3	13°48	28° 6	15°31	6°16	21°37	29°23	24°53	25°26	25° 5	24°15	3°39	20°14	T 7
W 8	19 14 50	17°48'55	17°54	15°55	29°15	15°25	6° 9	21°45	29°21	24°55	25°27	24°57	24°12	3°46	20°13	W 8
T 9	19 18 46	18°46'18	29°44	18° 1	0♍23	15°21	6° 1	21°53	29°18	24°56	25°28	24°46	24° 8	3°53	20°12	T 9
F 10	19 22 43	19°43'42	11♋36	20° 6	1°31	15°17	5°54	22° 0	29°16	24°58	25°30	24°33	24° 5	4° 0	20°11	F 10
S 11	19 26 39	20°41'07	23°31	22°10	2°39	15°14	5°47	22° 8	29°14	24°59	25°31	24°19	24° 2	4° 6	20°10	S 11
S 12	19 30 36	21°38'34	5♌30	24°13	3°47	15°12	5°39	22°16	29°11	25° 1	25°32	24° 5	23°59	4°13	20° 9	S 12
M13	19 34 32	22°36'01	17°35	26°15	4°54	15°10	5°32	22°24	29° 9	25° 2	25°33	23°53	23°56	4°20	20° 8	M13
T 14	19 38 29	23°33'28	29°47	28°16	6° 2	15°D10	5°25	22°31	29° 7	25° 3	25°35	23°42	23°53	4°26	20° 7	T 14
W15	19 42 25	24°30'57	12♍ 8	0♌16	7° 9	15°10	5°18	22°39	29° 4	25° 5	25°36	23°35	23°49	4°33	20° 6	W15
T 16	19 46 22	25°28'27	24°40	2°14	8°17	15°11	5°11	22°47	29° 2	25° 6	25°37	23°30	23°46	4°40	20° 4	T 16
F 17	19 50 19	26°25'57	7♎26	4°11	9°24	15°13	5° 5	22°55	28°59	25° 7	25°39	23°28	23°43	4°47	20° 3	F 17
S 18	19 54 15	27°23'29	20°31	6° 6	10°31	15°16	4°58	23° 2	28°57	25° 9	25°40	23°28	23°40	4°53	20° 2	S 18
S 19	19 58 12	28°21'01	3♏56	8° 0	11°38	15°20	4°51	23°10	28°55	25°10	25°42	23°28	23°37	5° 0	20° 0	S 19
M20	20 2 8	29°18'34	17°44	9°53	12°45	15°25	4°45	23°18	28°52	25°11	25°43	23°27	23°34	5° 7	19°59	M20
T 21	20 6 5	0♌16'09	1♐58	11°44	13°51	15°30	4°39	23°26	28°50	25°12	25°45	23°24	23°30	5°13	19°57	T 21
W22	20 10 1	1°13'44	16°35	13°33	14°58	15°36	4°33	23°33	28°47	25°13	25°46	23°19	23°27	5°20	19°56	W22
T 23	20 13 58	2°11'20	1♑32	15°21	16° 4	15°43	4°26	23°41	28°45	25°15	25°48	23°11	23°24	5°27	19°54	T 23
F 24	20 17 54	3° 8'58	16°40	17° 7	17°10	15°51	4°21	23°49	28°43	25°16	25°49	23° 2	23°21	5°34	19°52	F 24
S 25	20 21 51	4° 6'37	1♒51	18°52	18°16	15°59	4°15	23°56	28°40	25°17	25°51	22°51	23°18	5°40	19°51	S 25
S 26	20 25 48	5° 4'17	16°53	20°36	19°22	16° 9	4° 9	24° 4	28°38	25°18	25°53	22°41	23°14	5°47	19°49	S 26
M27	20 29 44	6° 1'58	1♓37	22°18	20°28	16°19	4° 4	24°12	28°35	25°19	25°54	22°32	23°11	5°54	19°47	M27
T 28	20 33 41	6°59'41	15°57	23°59	21°33	16°30	3°58	24°19	28°33	25°20	25°56	22°25	23° 8	6° 1	19°45	T 28
W29	20 37 37	7°57'26	29°47	25°38	22°38	16°41	3°53	24°27	28°31	25°21	25°58	22°21	23° 5	6° 7	19°43	W29
T 30	20 41 34	8°55'12	13♈ 8	27°16	23°44	16°53	3°48	24°34	28°28	25°22	26° 0	22°19	23° 2	6°14	19°42	T 30
F 31	20 45 30	9♌53'00	26♈ 3	28♌52	24♍48	17♐ 6	3♑43	24♋42	28♑26	25♉22	26♍ 1	22°D19	22♈59	6♋21	19♓40	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 8	6s 5	2s50	24n17	0n41	15n52	1n26	27s54	5s 2	23s43	0s18	22n20	0n22	20s59	0s38	17n28	1s40	17n23	16n58	9n50	9n35	28n21	0n12	4n26
T 2	23 3	0n10	1 47	24 24	0 50	15 27	1 23	27 54	5 3	23 44	0 18	22 19	0 22	21 0	0 38	17 28	1 40	17 22	16 58	9 50	9 34	28 21	0 12	4 26
F 3	22 58	6 14	0 42	24 29	0 59	15 2	1 21	27 54	5 4	23 44	0 18	22 18	0 22	21 0	0 38	17 29	1 40	17 21	16 57	9 50	9 33	28 22	0 12	4 26
S 4	22 52	11 53	0n25	24 31	1 7	14 37	1 18	27 53	5 4	23 45	0 19	22 17	0 22	21 1	0 38	17 29	1 40	17 20	16 57	9 50	9 31	28 22	0 12	4 27
S 5	22 46	16 58	1 28	24 30	1 15	14 11	1 16	27 53	5 4	23 45	0 19	22 16	0 23	21 1	0 38	17 29	1 40	17 19	16 56	9 50	9 30	28 22	0 12	4 27
M 6	22 39	21 18	2 26	24 26	1 22	13 45	1 13	27 52	5 5	23 46	0 19	22 15	0 23	21 2	0 38	17 30	1 40	17 18	16 56	9 48	9 29	28 22	0 12	4 27
T 7	22 32	24 43	3 18	24 20	1 27	13 19	1 10	27 52	5 5	23 46	0 19	22 14	0 23	21 2	0 38	17 30	1 40	17 17	16 55	9 46	9 28	28 22	0 12	4 27
W 8	22 25	27 2	4 0	24 11	1 33	12 52	1 7	27 51	5 5	23 47	0 19	22 12	0 23	21 3	0 38	17 30	1 40	17 17	16 55	9 43	9 27	28 22	0 12	4 27
T 9	22 17	28 8	4 32	23 59	1 37	12 25	1 4	27 50	5 5	23 47	0 19	22 11	0 23	21 3	0 38	17 31	1 40	17 16	16 54	9 39	9 26	28 22	0 11	4 27
F 10	22 9	27 56	4 52	23 45	1 40	11 57	1 1	27 50	5 5	23 48	0 19	22 10	0 23	21 4	0 38	17 31	1 40	17 15	16 54	9 35	9 24	28 22	0 11	4 28
S 11	22 0	26 27	4 59	23 28	1 43	11 30	0 58	27 49	5 4	23 48	0 20	22 9	0 23	21 4	0 38	17 31	1 40	17 14	16 53	9 29	9 23	28 23	0 11	4 28
S 12	21 51	23 46	4 54	23 9	1 45	11 2	0 54	27 49	5 4	23 49	0 20	22 8	0 23	21 5	0 38	17 32	1 40	17 13	16 53	9 24	9 22	28 23	0 11	4 28
M13	21 42	20 1	4 35	22 47	1 47	10 34	0 51	27 48	5 3	23 49	0 20	22 7	0 23	21 5	0 38	17 32	1 40	17 12	16 52	9 20	9 21	28 23	0 10	4 28
T 14	21 32	15 25	4 3	22 24	1 47	10 6	0 47	27 47	5 3	23 49	0 20	22 5	0 23	21 6	0 38	17 32	1 40	17 11	16 52	9 16	9 20	28 23	0 10	4 28
W15	21 22	10 8	3 19	21 59	1 47	9 37	0 44	27 47	5 2	23 50	0 20	22 4	0 23	21 6	0 38	17 33	1 40	17 10	16 51	9 13	9 18	28 23	0 10	4 28
T 16	21 12	4 22	2 26	21 32	1 47	9 8	0 40	27 46	5 2	23 50	0 20	22 3	0 23	21 7	0 38	17 33	1 41	17 9	16 51	9 11	9 17	28 23	0 9	4 29
F 17	21 1	1s42	1 24	21 3	1 46	8 40	0 36	27 46	5 1	23 51	0 20	22 2	0 24	21 7	0 38	17 33	1 41	17 8	16 51	9 11	9 16	28 23	0 9	4 29
S 18	20 50	7 49	0 16	20 33	1 44	8 10	0 33	27 45	5 0	23 51	0 20	22 1	0 24	21 8	0 38	17 33	1 41	17 7	16 50	9 10	9 15	28 23	0 9	4 29
S 19	20 38	13 47	0s55	20 2	1 42	7 41	0 29	27 45	4 59	23 51	0 21	21 59	0 24	21 8	0 38	17 34	1 41	17 6	16 50	9 10	9 14	28 23	0 8	4 29
M20	20 26	19 14	2 4	19 29	1 39	7 12	0 25	27 44	4 58	23 52	0 21	21 58	0 24	21 9	0 38	17 34	1 41	17 5	16 49	9 10	9 13	28 23	0 8	4 29
T 21	20 14	23 46	3 8	18 55	1 35	6 42	0 20	27 44	4 57	23 52	0 21	21 57	0 24	21 9	0 38	17 34	1 41	17 4	16 49	9 9	9 11	28 23	0 7	4 29
W22	20 1	26 56	4 2	18 20	1 32	6 13	0 16	27 43	4 56	23 52	0 21	21 56	0 24	21 10	0 38	17 34	1 41	17 3	16 48	9 7	9 10	28 23	0 7	4 30
T 23	19 48	28 15	4 40	17 44	1 27	5 43	0 12	27 43	4 55	23 53	0 21	21 54	0 24	21 10	0 38	17 34	1 41	17 2	16 48	9 4	9 9	28 23	0 6	4 30
F 24	19 35	27 30	4 59	17 7	1 23	5 13	0 7	27 43	4 53	23 53	0 21	21 53	0 24	21 11	0 38	17 35	1 41	17 1	16 48	9 1	9 8	28 23	0 6	4 30
S 25	19 22	24 42	4 57	16 30	1 18	4 43	0 3	27 42	4 52	23 53	0 21	21 52	0 24	21 11	0 38	17 35	1 41	17 0	16 47	8 57	9 7	28 23	0 5	4 30
S 26	19 8	20 14	4 35	15 52	1 12	4 13	0s 2	27 42	4 51	23 54	0 21	21 51	0 24	21 12	0 38	17 35	1 41	16 59	16 47	8 53	9 5	28 23	0 5	4 30
M27	18 54	14 37	3 54	15 13	1 7	3 43	0 6	27 42	4 49	23 54	0 21	21 49	0 24	21 12	0 38	17 35	1 41	16 58	16 46	8 50	9 4	28 23	0 4	4 30
T 28	18 39	8 20	3 0	14 34	1 1	3 12	0 11	27 41	4 48	23 54	0 22	21 48	0 25	21 13	0 38	17 36	1 41	16 57	16 46	8 47	9 3	28 23	0 3	4 30
W29	18 24	1 52	1 56	13 55	0 54	2 42	0 16	27 41	4 47	23 54	0 22	21 47	0 25	21 13	0 38	17 36	1 41	16 56	16 46	8 46	9 2	28 23	0 3	4 30
T 30	18 9	4n29	0 49	13 15	0 48	2 12	0 20	27 41	4 45	23 55	0 22	21 46	0 25	21 14	0 38	17 36	1 41	16 55	16 45	8 45	9 1	28 23	0 2	4 31
F 31	17n54	10n26	0n20	12n35	0n41	1n41	0s25	27s41	4s44	23s55	0s22	21n44	0n25	21s14	0s38	17n36	1s41	16n54	16n45	8n45	9n 0	28n23	0n 1	4n31

Julian Day Number = 1991158.5, Delta T = 54m56s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'54, Lahiri = 6°17'54 Julian Calendar 1 July 739 == Greg. Calendar 5 July 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

AUGUST 739 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 49 27	10♌50'50	8♉35	0♍27	25♍53	17♐20	3°R38	24♋49	28°R24	25♉23	26♍ 3	22°R19	22♈55	6♋27	19°R38	S 1
S 2	20 53 23	11°48'42	20°50	2° 1	26°58	17°34	3♑33	24°57	28♑21	25°24	26° 5	22♈19	22°52	6°34	19♓36	S 2
M 3	20 57 20	12°46'36	2♊51	3°33	28° 2	17°49	3°29	25° 5	28°19	25°25	26° 7	22°17	22°49	6°41	19°34	M 3
T 4	21 1 17	13°44'31	14°45	5° 4	29° 6	18° 5	3°25	25°12	28°17	25°26	26° 9	22°13	22°46	6°48	19°32	T 4
W 5	21 5 13	14°42'29	26°36	6°34	0♎10	18°21	3°21	25°19	28°15	25°26	26°11	22° 6	22°43	6°54	19°29	W 5
T 6	21 9 10	15°40'28	8♋27	8° 2	1°13	18°38	3°17	25°27	28°12	25°27	26°12	21°57	22°40	7° 1	19°27	T 6
F 7	21 13 6	16°38'29	20°22	9°29	2°17	18°56	3°13	25°34	28°10	25°28	26°14	21°46	22°36	7° 8	19°25	F 7
S 8	21 17 3	17°36'32	2♌22	10°54	3°20	19°14	3° 9	25°42	28° 8	25°28	26°16	21°34	22°33	7°14	19°23	S 8
S 9	21 20 59	18°34'36	14°30	12°18	4°23	19°33	3° 6	25°49	28° 6	25°29	26°18	21°22	22°30	7°21	19°21	S 9
M10	21 24 56	19°32'42	26°46	13°40	5°26	19°53	3° 3	25°56	28° 3	25°30	26°20	21°12	22°27	7°28	19°18	M10
T 11	21 28 52	20°30'50	9♍11	15° 1	6°28	20°13	2°59	26° 4	28° 1	25°30	26°22	21° 3	22°24	7°35	19°16	T 11
W12	21 32 49	21°29'00	21°46	16°20	7°30	20°33	2°57	26°11	27°59	25°31	26°24	20°57	22°20	7°41	19°14	W12
T 13	21 36 46	22°27'11	4♎31	17°38	8°32	20°55	2°54	26°18	27°57	25°31	26°26	20°53	22°17	7°48	19°11	T 13
F 14	21 40 42	23°25'24	17°29	18°54	9°34	21°16	2°51	26°25	27°55	25°31	26°28	20°D52	22°14	7°55	19° 9	F 14
S 15	21 44 39	24°23'38	0♏41	20° 8	10°35	21°39	2°49	26°33	27°53	25°32	26°30	20°52	22°11	8° 1	19° 6	S 15
S 16	21 48 35	25°21'54	14° 9	21°21	11°36	22° 1	2°47	26°40	27°51	25°32	26°32	20°53	22° 8	8° 8	19° 4	S 16
M17	21 52 32	26°20'11	27°55	22°31	12°37	22°25	2°45	26°47	27°49	25°33	26°35	20°R53	22° 5	8°15	19° 1	M17
T 18	21 56 28	27°18'31	11♐58	23°40	13°37	22°49	2°43	26°54	27°47	25°33	26°37	20°52	22° 1	8°22	18°59	T 18
W19	22 0 25	28°16'51	26°20	24°47	14°37	23°13	2°42	27° 1	27°45	25°33	26°39	20°49	21°58	8°28	18°56	W19
T 20	22 4 21	29°15'14	10♑57	25°51	15°37	23°38	2°40	27° 8	27°43	25°33	26°41	20°44	21°55	8°35	18°54	T 20
F 21	22 8 18	0♍13'38	25°43	26°53	16°36	24° 3	2°39	27°15	27°41	25°33	26°43	20°38	21°52	8°42	18°51	F 21
S 22	22 12 15	1°12'03	10♒33	27°53	17°35	24°29	2°38	27°22	27°39	25°34	26°45	20°30	21°49	8°49	18°49	S 22
S 23	22 16 11	2°10'31	25°18	28°50	18°33	24°55	2°37	27°29	27°37	25°34	26°47	20°23	21°46	8°55	18°46	S 23
M24	22 20 8	3° 9'00	9♓49	29°44	19°31	25°22	2°37	27°35	27°35	25°34	26°50	20°16	21°42	9° 2	18°43	M24
T 25	22 24 4	4° 7'32	24° 1	0♎35	20°29	25°49	2°36	27°42	27°34	25°34	26°52	20°12	21°39	9° 9	18°41	T 25
W26	22 28 1	5° 6'05	7♈49	1°23	21°26	26°16	2°36	27°49	27°32	25°R34	26°54	20° 9	21°36	9°15	18°38	W26
T 27	22 31 57	6° 4'40	21°11	2° 8	22°23	26°44	2°D36	27°56	27°30	25°34	26°56	20°D 8	21°33	9°22	18°35	T 27
F 28	22 35 54	7° 3'18	4♉ 9	2°48	23°19	27°12	2°36	28° 2	27°29	25°34	26°59	20° 9	21°30	9°29	18°33	F 28
S 29	22 39 50	8° 1'58	16°44	3°25	24°15	27°41	2°36	28° 9	27°27	25°34	27° 1	20°10	21°26	9°36	18°30	S 29
S 30	22 43 47	9° 0'40	29° 1	3°58	25°11	28°10	2°37	28°15	27°25	25°34	27° 3	20°12	21°23	9°42	18°27	S 30
M31	22 47 44	9♍59'25	11♊ 5	4♎25	26♎ 5	28♐39	2♑38	28♋22	27♑24	25♉34	27♍ 5	20°R12	21♈20	9♋49	18♓25	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n38	15n48	1n25	11n55	0n34	1n11	0s30	27s40	4s42	23s55	0s22	21n43	0n25	21s15	0s38	17n36	1s41	16n53	16n44	8n45	8n58	28n22	0n 1	4n31
S 2	17 22	20 25	2 25	11 14	0 26	0 41	0 35	27 40	4 40	23 55	0 22	21 42	0 25	21 15	0 38	17 36	1 41	16 52	16 44	8 45	8 57	28 22	0 0	4 31
M 3	17 6	24 6	3 18	10 34	0 19	0 10	0 41	27 40	4 39	23 56	0 22	21 41	0 25	21 16	0 38	17 36	1 41	16 51	16 44	8 44	8 56	28 22	0s 1	4 31
T 4	16 49	26 43	4 1	9 53	0 11	0s20	0 46	27 40	4 37	23 56	0 22	21 39	0 25	21 16	0 38	17 37	1 41	16 49	16 43	8 43	8 55	28 22	0 1	4 31
W 5	16 32	28 7	4 33	9 13	0 3	0 51	0 51	27 40	4 35	23 56	0 22	21 38	0 25	21 17	0 38	17 37	1 41	16 48	16 43	8 40	8 54	28 22	0 2	4 31
T 6	16 15	28 13	4 54	8 32	0s 5	1 21	0 56	27 39	4 34	23 56	0 22	21 37	0 25	21 17	0 38	17 37	1 42	16 47	16 43	8 37	8 52	28 22	0 3	4 31
F 7	15 57	27 2	5 2	7 52	0 13	1 51	1 2	27 39	4 32	23 56	0 22	21 36	0 26	21 17	0 38	17 37	1 42	16 46	16 42	8 32	8 51	28 22	0 4	4 31
S 8	15 40	24 35	4 57	7 12	0 22	2 22	1 7	27 39	4 30	23 57	0 23	21 34	0 26	21 18	0 38	17 37	1 42	16 45	16 42	8 28	8 50	28 22	0 4	4 31
S 9	15 22	21 2	4 38	6 32	0 30	2 52	1 13	27 39	4 28	23 57	0 23	21 33	0 26	21 18	0 38	17 37	1 42	16 44	16 42	8 23	8 49	28 21	0 5	4 32
M10	15 4	16 32	4 7	5 52	0 39	3 22	1 18	27 38	4 26	23 57	0 23	21 32	0 26	21 19	0 38	17 37	1 42	16 43	16 41	8 19	8 48	28 21	0 6	4 32
T 11	14 45	11 19	3 23	5 13	0 47	3 52	1 24	27 38	4 25	23 57	0 23	21 30	0 26	21 19	0 38	17 37	1 42	16 42	16 41	8 16	8 46	28 21	0 7	4 32
W12	14 26	5 34	2 29	4 34	0 56	4 22	1 30	27 38	4 23	23 57	0 23	21 29	0 26	21 20	0 38	17 37	1 42	16 41	16 41	8 14	8 45	28 21	0 8	4 32
T 13	14 7	0s30	1 26	3 56	1 5	4 52	1 35	27 38	4 21	23 57	0 23	21 28	0 26	21 20	0 38	17 37	1 42	16 40	16 40	8 12	8 44	28 21	0 9	4 32
F 14	13 48	6 38	0 18	3 18	1 14	5 22	1 41	27 37	4 19	23 57	0 23	21 27	0 26	21 20	0 38	17 37	1 42	16 39	16 40	8 12	8 43	28 21	0 10	4 32
S 15	13 29	12 37	0s52	2 40	1 23	5 51	1 47	27 37	4 17	23 58	0 23	21 25	0 26	21 21	0 38	17 37	1 42	16 38	16 40	8 12	8 42	28 20	0 10	4 32
S 16	13 9	18 8	2 1	2 3	1 31	6 21	1 53	27 36	4 15	23 58	0 23	21 24	0 27	21 21	0 38	17 38	1 42	16 37	16 40	8 12	8 41	28 20	0 11	4 32
M17	12 49	22 50	3 5	1 27	1 40	6 50	1 59	27 36	4 13	23 58	0 23	21 23	0 27	21 22	0 38	17 38	1 42	16 36	16 39	8 13	8 39	28 20	0 12	4 32
T 18	12 29	26 20	3 59	0 52	1 49	7 19	2 4	27 35	4 11	23 58	0 23	21 22	0 27	21 22	0 38	17 38	1 42	16 35	16 39	8 12	8 38	28 20	0 13	4 32
W19	12 9	28 12	4 39	0 17	1 58	7 48	2 10	27 35	4 9	23 58	0 23	21 20	0 27	21 22	0 38	17 38	1 42	16 33	16 39	8 11	8 37	28 19	0 14	4 32
T 20	11 49	28 10	5 2	0s16	2 7	8 17	2 16	27 34	4 7	23 58	0 23	21 19	0 27	21 23	0 38	17 38	1 42	16 32	16 39	8 9	8 36	28 19	0 15	4 32
F 21	11 28	26 8	5 5	0 49	2 15	8 45	2 22	27 33	4 5	23 58	0 24	21 18	0 27	21 23	0 38	17 38	1 42	16 31	16 38	8 7	8 35	28 19	0 16	4 32
S 22	11 7	22 20	4 48	1 21	2 24	9 14	2 28	27 32	4 3	23 58	0 24	21 17	0 27	21 24	0 38	17 38	1 42	16 30	16 38	8 4	8 33	28 19	0 17	4 32
S 23	10 46	17 7	4 12	1 51	2 32	9 42	2 35	27 32	4 1	23 58	0 24	21 15	0 27	21 24	0 38	17 38	1 42	16 29	16 38	8 1	8 32	28 18	0 18	4 32
M24	10 25	11 1	3 20	2 20	2 40	10 10	2 41	27 31	3 59	23 58	0 24	21 14	0 27	21 24	0 38	17 38	1 42	16 28	16 38	7 58	8 31	28 18	0 19	4 32
T 25	10 4	4 28	2 16	2 48	2 48	10 38	2 47	27 30	3 57	23 59	0 24	21 13	0 28	21 25	0 38	17 37	1 43	16 27	16 38	7 57	8 30	28 18	0 20	4 32
W26	9 42	2n 7	1 6	3 15	2 56	11 5	2 53	27 28	3 55	23 59	0 24	21 12	0 28	21 25	0 38	17 37	1 43	16 26	16 37	7 56	8 29	28 18	0 21	4 32
T 27	9 21	8 24	0n 6	3 39	3 3	11 32	2 59	27 27	3 53	23 59	0 24	21 10	0 28	21 25	0 38	17 37	1 43	16 25	16 37	7 55	8 27	28 17	0 22	4 32
F 28	8 59	14 10	1 15	4 2	3 10	11 59	3 5	27 26	3 51	23 59	0 24	21 9	0 28	21 26	0 38	17 37	1 43	16 24	16 37	7 56	8 26	28 17	0 23	4 32
S 29	8 37	19 10	2 19	4 23	3 17	12 26	3 11	27 24	3 49	23 59	0 24	21 8	0 28	21 26	0 38	17 37	1 43	16 23	16 37	7 56	8 25	28 17	0 24	4 32
S 30	8 15	23 15	3 15	4 41	3 23	12 52	3 17	27 23	3 47	23 59	0 24	21 7	0 28	21 26	0 38	17 37	1 43	16 22	16 37	7 57	8 24	28 16	0 25	4 32
M31	7n53	26n14	4n 1	4s58	3s29	13s18	3s24	27s21	3s45	23s59	0s24	21n 6	0n28	21s26	0s38	17n37	1s43	16n21	16n37	7n57	8n23	28n16	0s26	4n32

Julian Day Number = 1991189.5, Delta T = 54m55s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°10'58, Lahiri = 6°17'58 Julian Calendar 1 Aug. 739 == Greg. Calendar 5 Aug. 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

SEPTEMBER 739 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 51 40	10♍58'12	23♊ 1	4♎48	27♎ 0	29♐ 9	2♑39	28♋28	27°R22	25°R33	27♍ 8	20°R11	21♈17	9♋56	18°R22	T 1
W 2	22 55 37	11°57'01	4♋53	5° 5	27°54	29°39	2°40	28°34	27♑21	25♉33	27°10	20♈ 9	21°14	10° 2	18♓19	W 2
T 3	22 59 33	12°55'53	16°46	5°16	28°47	0♑10	2°41	28°41	27°19	25°33	27°12	20° 5	21°11	10° 9	18°16	T 3
F 4	23 3 30	13°54'47	28°43	5°R21	29°39	0°40	2°43	28°47	27°18	25°33	27°15	19°59	21° 7	10°16	18°14	F 4
S 5	23 7 26	14°53'43	10♌49	5°20	0♏31	1°12	2°44	28°53	27°16	25°32	27°17	19°53	21° 4	10°23	18°11	S 5
S 6	23 11 23	15°52'41	23° 5	5°11	1°23	1°43	2°46	28°59	27°15	25°32	27°19	19°47	21° 1	10°29	18° 8	S 6
M 7	23 15 19	16°51'42	5♍34	4°56	2°14	2°15	2°48	29° 5	27°14	25°32	27°22	19°41	20°58	10°36	18° 5	M 7
T 8	23 19 16	17°50'44	18°15	4°32	3° 4	2°47	2°51	29°11	27°13	25°31	27°24	19°36	20°55	10°43	18° 3	T 8
W 9	23 23 13	18°49'49	1♎ 9	4° 1	3°53	3°19	2°53	29°17	27°11	25°31	27°26	19°34	20°51	10°49	18° 0	W 9
T 10	23 27 9	19°48'55	14°16	3°23	4°42	3°52	2°56	29°23	27°10	25°30	27°29	19°D32	20°48	10°56	17°57	T 10
F 11	23 31 6	20°48'04	27°35	2°37	5°30	4°25	2°59	29°29	27° 9	25°30	27°31	19°32	20°45	11° 3	17°54	F 11
S 12	23 35 2	21°47'15	11♏ 6	1°44	6°17	4°58	3° 2	29°35	27° 8	25°29	27°33	19°33	20°42	11°10	17°52	S 12
S 13	23 38 59	22°46'27	24°48	0°45	7° 3	5°32	3° 5	29°40	27° 7	25°29	27°36	19°35	20°39	11°16	17°49	S 13
M14	23 42 55	23°45'42	8♐41	29♍40	7°48	6° 6	3° 8	29°46	27° 6	25°28	27°38	19°36	20°36	11°23	17°46	M14
T 15	23 46 52	24°44'58	22°44	28°32	8°33	6°40	3°12	29°52	27° 5	25°28	27°40	19°R37	20°32	11°30	17°43	T 15
W16	23 50 48	25°44'16	6♑56	27°22	9°16	7°14	3°16	29°57	27° 4	25°27	27°43	19°37	20°29	11°37	17°41	W16
T 17	23 54 45	26°43'36	21°15	26°11	9°59	7°48	3°20	0♌ 2	27° 3	25°26	27°45	19°35	20°26	11°43	17°38	T 17
F 18	23 58 42	27°42'58	5♒38	25° 1	10°40	8°23	3°24	0° 8	27° 2	25°26	27°47	19°33	20°23	11°50	17°35	F 18
S 19	0 2 38	28°42'21	20° 0	23°55	11°20	8°58	3°28	0°13	27° 2	25°25	27°50	19°30	20°20	11°57	17°32	S 19
S 20	0 6 35	29°41'46	4♓17	22°54	12° 0	9°34	3°33	0°18	27° 1	25°24	27°52	19°27	20°17	12° 3	17°30	S 20
M21	0 10 31	0♎41'13	18°23	22° 1	12°38	10° 9	3°38	0°23	27° 0	25°23	27°55	19°25	20°13	12°10	17°27	M21
T 22	0 14 28	1°40'43	2♈15	21°16	13°15	10°45	3°42	0°28	27° 0	25°22	27°57	19°23	20°10	12°17	17°24	T 22
W23	0 18 24	2°40'14	15°49	20°41	13°50	11°21	3°47	0°33	26°59	25°22	27°59	19°D22	20° 7	12°24	17°22	W23
T 24	0 22 21	3°39'47	29° 4	20°16	14°25	11°57	3°53	0°38	26°59	25°21	28° 2	19°23	20° 4	12°30	17°19	T 24
F 25	0 26 17	4°39'23	11♉58	20° 3	14°58	12°33	3°58	0°43	26°58	25°20	28° 4	19°23	20° 1	12°37	17°16	F 25
S 26	0 30 14	5°39'01	24°33	20°D 1	15°29	13° 9	4° 3	0°47	26°58	25°19	28° 6	19°25	19°57	12°44	17°14	S 26
S 27	0 34 10	6°38'41	6♊52	20° 9	15°59	13°46	4° 9	0°52	26°57	25°18	28° 9	19°26	19°54	12°50	17°11	S 27
M28	0 38 7	7°38'24	18°58	20°29	16°28	14°23	4°15	0°57	26°57	25°17	28°11	19°27	19°51	12°57	17° 9	M28
T 29	0 42 4	8°38'09	0♋55	20°58	16°55	15° 0	4°21	1° 1	26°57	25°16	28°13	19°28	19°48	13° 4	17° 6	T 29
W30	0 46 0	9♎37'56	12♋48	21♍37	17♏20	15♑37	4♑27	1♌ 5	26♑57	25♉15	28♍16	19°R28	19♈45	13♋11	17♓ 4	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n30	28n 1	4n36	5s11	3s34	13s44	3s30	27s19	3s43	23s59	0s24	21n 4	0n28	21s27	0s38	17n37	1s43	16n20	16n37	7n57	8n21	28n16	0s28	4n32
W 2	7 8	28 30	4 59	5 22	3 39	14 9	3 36	27 18	3 41	23 59	0 24	21 3	0 28	21 27	0 38	17 37	1 43	16 19	16 36	7 56	8 20	28 15	0 29	4 32
T 3	6 45	27 40	5 10	5 30	3 42	14 34	3 42	27 16	3 39	23 59	0 24	21 2	0 29	21 27	0 38	17 37	1 43	16 18	16 36	7 54	8 19	28 15	0 30	4 32
F 4	6 22	25 33	5 7	5 35	3 45	14 59	3 48	27 13	3 37	23 59	0 24	21 1	0 29	21 28	0 38	17 37	1 43	16 17	16 36	7 52	8 18	28 15	0 31	4 32
S 5	5 59	22 17	4 50	5 36	3 46	15 23	3 54	27 11	3 35	23 59	0 24	21 0	0 29	21 28	0 38	17 37	1 43	16 16	16 36	7 50	8 17	28 14	0 32	4 32
S 6	5 36	18 0	4 20	5 33	3 47	15 47	4 0	27 9	3 33	23 59	0 24	20 59	0 29	21 28	0 38	17 36	1 43	16 15	16 36	7 47	8 15	28 14	0 33	4 32
M 7	5 13	12 53	3 37	5 26	3 46	16 11	4 6	27 6	3 31	23 59	0 25	20 57	0 29	21 28	0 38	17 36	1 43	16 14	16 36	7 45	8 14	28 13	0 34	4 32
T 8	4 50	7 10	2 43	5 14	3 44	16 34	4 12	27 4	3 29	23 59	0 25	20 56	0 29	21 28	0 38	17 36	1 43	16 13	16 36	7 43	8 13	28 13	0 35	4 32
W 9	4 27	1 3	1 39	4 58	3 40	16 57	4 18	27 1	3 27	23 59	0 25	20 55	0 29	21 29	0 38	17 36	1 43	16 12	16 36	7 42	8 12	28 13	0 36	4 32
T 10	4 4	5s13	0 29	4 38	3 35	17 19	4 24	26 58	3 25	23 59	0 25	20 54	0 29	21 29	0 37	17 36	1 43	16 11	16 36	7 42	8 11	28 12	0 38	4 32
F 11	3 40	11 22	0s44	4 13	3 27	17 41	4 30	26 55	3 23	23 59	0 25	20 53	0 30	21 29	0 37	17 36	1 43	16 10	16 36	7 42	8 9	28 12	0 39	4 32
S 12	3 17	17 5	1 55	3 43	3 18	18 2	4 36	26 52	3 21	23 59	0 25	20 52	0 30	21 29	0 37	17 36	1 43	16 9	16 36	7 42	8 8	28 11	0 40	4 32
S 13	2 53	22 2	3 1	3 9	3 7	18 23	4 42	26 48	3 19	23 59	0 25	20 51	0 30	21 29	0 37	17 35	1 44	16 8	16 36	7 43	8 7	28 11	0 41	4 32
M14	2 30	25 49	3 58	2 31	2 54	18 44	4 47	26 45	3 17	23 59	0 25	20 50	0 30	21 30	0 37	17 35	1 44	16 7	16 36	7 43	8 6	28 10	0 42	4 32
T 15	2 6	28 4	4 40	1 50	2 39	19 4	4 53	26 41	3 15	23 59	0 25	20 49	0 30	21 30	0 37	17 35	1 44	16 6	16 36	7 44	8 5	28 10	0 43	4 31
W16	1 42	28 31	5 7	1 7	2 22	19 23	4 58	26 37	3 13	23 59	0 25	20 48	0 30	21 30	0 37	17 35	1 44	16 5	16 36	7 43	8 3	28 9	0 44	4 31
T 17	1 19	27 5	5 14	0 22	2 4	19 42	5 4	26 33	3 11	23 59	0 25	20 47	0 30	21 30	0 37	17 35	1 44	16 4	16 36	7 43	8 2	28 9	0 46	4 31
F 18	0 55	23 52	5 2	0n23	1 45	20 1	5 9	26 29	3 9	23 59	0 25	20 46	0 31	21 30	0 37	17 34	1 44	16 3	16 36	7 42	8 1	28 8	0 47	4 31
S 19	0 31	19 12	4 31	1 8	1 25	20 19	5 14	26 25	3 7	23 59	0 25	20 45	0 31	21 30	0 37	17 34	1 44	16 2	16 36	7 41	8 0	28 8	0 48	4 31
S 20	0 7	13 28	3 43	1 51	1 4	20 36	5 20	26 20	3 5	23 59	0 25	20 44	0 31	21 31	0 37	17 34	1 44	16 1	16 36	7 40	7 59	28 7	0 49	4 31
M21	0s17	7 7	2 43	2 31	0 44	20 53	5 25	26 16	3 3	23 58	0 25	20 43	0 31	21 31	0 37	17 34	1 44	16 0	16 36	7 39	7 57	28 7	0 50	4 31
T 22	0 40	0 31	1 33	3 7	0 24	21 9	5 29	26 11	3 1	23 58	0 25	20 42	0 31	21 31	0 37	17 33	1 44	15 59	16 36	7 38	7 56	28 6	0 51	4 31
W23	1 4	5n58	0 20	3 39	0 4	21 24	5 34	26 6	2 59	23 58	0 25	20 41	0 31	21 31	0 37	17 33	1 44	15 58	16 36	7 38	7 55	28 6	0 53	4 31
T 24	1 28	12 3	0n53	4 6	0n14	21 39	5 39	26 0	2 57	23 58	0 25	20 40	0 31	21 31	0 37	17 33	1 44	15 58	16 36	7 38	7 54	28 5	0 54	4 31
F 25	1 52	17 27	2 2	4 27	0 32	21 53	5 43	25 55	2 55	23 58	0 25	20 39	0 31	21 31	0 37	17 33	1 44	15 57	16 36	7 38	7 53	28 5	0 55	4 30
S 26	2 16	21 59	3 2	4 43	0 48	22 7	5 47	25 50	2 53	23 58	0 25	20 38	0 32	21 31	0 37	17 32	1 44	15 56	16 36	7 39	7 51	28 4	0 56	4 30
S 27	2 39	25 26	3 53	4 53	1 2	22 20	5 51	25 44	2 52	23 58	0 25	20 37	0 32	21 31	0 37	17 32	1 44	15 55	16 36	7 39	7 50	28 4	0 57	4 30
M28	3 3	27 40	4 33	4 57	1 15	22 32	5 55	25 38	2 50	23 58	0 25	20 36	0 32	21 31	0 37	17 32	1 44	15 54	16 36	7 40	7 49	28 3	0 58	4 30
T 29	3 27	28 36	5 0	4 55	1 26	22 43	5 59	25 32	2 48	23 57	0 25	20 35	0 32	21 31	0 37	17 32	1 44	15 53	16 36	7 40	7 48	28 3	0 59	4 30
W30	3s50	28n12	5n14	4n49	1n36	22s54	6s 2	25s26	2s46	23s57	0s26	20n35	0n32	21s31	0s37	17n31	1s44	15n52	16n36	7n40	7n46	28n 2	1s 0	4n30

Julian Day Number = 1991220.5, Delta T = 54m54s
Ecliptic obliquity = 23°36'17, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'02, Lahiri = 6°18'03 Julian Calendar 1 Sept. 739 == Greg. Calendar 5 Sept. 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

OCTOBER 739 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 49 57	10♎37'45	24♋41	22♍24	17♏44	16♑15	4♑34	1♌10	26°R56	25°R14	28♍18	19°R27	19♈42	13♋17	17°R 1	T 1
F 2	0 53 53	11°37'37	6♌40	23°19	18° 6	16°52	4°40	1°14	26♑56	25♉12	28°20	19♈27	19°38	13°24	16♓59	F 2
S 3	0 57 50	12°37'31	18°48	24°20	18°26	17°30	4°47	1°18	26°56	25°11	28°23	19°26	19°35	13°31	16°56	S 3
S 4	1 1 46	13°37'27	1♍ 9	25°28	18°44	18° 8	4°54	1°22	26°D56	25°10	28°25	19°25	19°32	13°38	16°54	S 4
M 5	1 5 43	14°37'25	13°47	26°41	19° 0	18°46	5° 1	1°26	26°56	25° 9	28°27	19°24	19°29	13°44	16°52	M 5
T 6	1 9 39	15°37'26	26°41	27°58	19°14	19°24	5° 8	1°30	26°56	25° 8	28°30	19°24	19°26	13°51	16°49	T 6
W 7	1 13 36	16°37'28	9♎54	29°19	19°27	20° 2	5°15	1°33	26°56	25° 7	28°32	19°23	19°23	13°58	16°47	W 7
T 8	1 17 33	17°37'33	23°24	0♎44	19°37	20°41	5°23	1°37	26°57	25° 5	28°34	19°D23	19°19	14° 4	16°45	T 8
F 9	1 21 29	18°37'39	7♏10	2°11	19°44	21°19	5°30	1°41	26°57	25° 4	28°36	19°24	19°16	14°11	16°42	F 9
S 10	1 25 26	19°37'47	21° 9	3°41	19°50	21°58	5°38	1°44	26°57	25° 3	28°39	19°R24	19°13	14°18	16°40	S 10
S 11	1 29 22	20°37'57	5♐16	5°12	19°53	22°37	5°46	1°47	26°58	25° 1	28°41	19°23	19°10	14°25	16°38	S 11
M12	1 33 19	21°38'09	19°30	6°45	19°R54	23°16	5°54	1°51	26°58	25° 0	28°43	19°23	19° 7	14°31	16°36	M12
T 13	1 37 15	22°38'22	3♑45	8°19	19°53	23°55	6° 2	1°54	26°58	24°59	28°45	19°23	19° 3	14°38	16°34	T 13
W14	1 41 12	23°38'37	18° 0	9°54	19°49	24°34	6°10	1°57	26°59	24°57	28°48	19°D23	19° 0	14°45	16°32	W14
T 15	1 45 8	24°38'54	2♒11	11°30	19°43	25°14	6°19	2° 0	26°59	24°56	28°50	19°23	18°57	14°52	16°30	T 15
F 16	1 49 5	25°39'12	16°16	13° 6	19°34	25°53	6°27	2° 3	27° 0	24°54	28°52	19°23	18°54	14°58	16°28	F 16
S 17	1 53 2	26°39'31	0♓14	14°42	19°23	26°33	6°36	2° 5	27° 1	24°53	28°54	19°24	18°51	15° 5	16°26	S 17
S 18	1 56 58	27°39'52	14° 2	16°19	19° 9	27°13	6°45	2° 8	27° 1	24°52	28°56	19°24	18°48	15°12	16°24	S 18
M19	2 0 55	28°40'14	27°40	17°56	18°53	27°53	6°54	2°10	27° 2	24°50	28°58	19°25	18°44	15°18	16°22	M19
T 20	2 4 51	29°40'38	11♈ 5	19°33	18°35	28°32	7° 3	2°13	27° 3	24°49	29° 1	19°26	18°41	15°25	16°20	T 20
W21	2 8 48	0♏41'03	24°17	21°11	18°14	29°12	7°12	2°15	27° 4	24°47	29° 3	19°R26	18°38	15°32	16°18	W21
T 22	2 12 44	1°41'30	7♉15	22°48	17°51	29°53	7°22	2°17	27° 5	24°46	29° 5	19°25	18°35	15°39	16°16	T 22
F 23	2 16 41	2°41'59	19°58	24°25	17°26	0♒33	7°31	2°19	27° 6	24°44	29° 7	19°24	18°32	15°45	16°15	F 23
S 24	2 20 37	3°42'30	2♊27	26° 1	16°59	1°13	7°41	2°22	27° 7	24°42	29° 9	19°22	18°28	15°52	16°13	S 24
S 25	2 24 34	4°43'02	14°43	27°38	16°30	1°53	7°51	2°23	27° 8	24°41	29°11	19°20	18°25	15°59	16°11	S 25
M26	2 28 31	5°43'36	26°48	29°15	15°59	2°34	8° 1	2°25	27° 9	24°39	29°13	19°17	18°22	16° 5	16°10	M26
T 27	2 32 27	6°44'12	8♋46	0♏51	15°27	3°14	8°11	2°27	27°10	24°38	29°15	19°15	18°19	16°12	16° 8	T 27
W28	2 36 24	7°44'50	20°38	2°27	14°54	3°55	8°21	2°28	27°11	24°36	29°17	19°13	18°16	16°19	16° 7	W28
T 29	2 40 20	8°45'29	2♌31	4° 3	14°20	4°36	8°31	2°30	27°12	24°34	29°19	19°12	18°13	16°26	16° 5	T 29
F 30	2 44 17	9°46'10	14°28	5°39	13°44	5°16	8°41	2°31	27°14	24°33	29°21	19°D12	18° 9	16°32	16° 4	F 30
S 31	2 48 13	10♏46'53	26♌34	7♏14	13♏ 8	5♒57	8♑52	2♌32	27♑15	24♉31	29♍23	19♈13	18♈ 6	16♋39	16♓ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s14	26n30	5n15	4n38	1n44	23s 4	6s 5	25s19	2s44	23s57	0s26	20n34	0n32	21s31	0s37	17n31	1s44	15n52	16n37	7n40	7n45	28n 1	1s 2	4n30
F 2	4 38	23 36	5 2	4 22	1 51	23 13	6 8	25 12	2 42	23 57	0 26	20 33	0 32	21 31	0 37	17 31	1 44	15 51	16 37	7 40	7 44	28 1	1 3	4 29
S 3	5 1	19 39	4 36	4 3	1 56	23 21	6 10	25 6	2 40	23 57	0 26	20 32	0 33	21 31	0 37	17 30	1 44	15 50	16 37	7 39	7 43	28 0	1 4	4 29
S 4	5 25	14 49	3 56	3 39	2 1	23 28	6 13	24 59	2 38	23 56	0 26	20 32	0 33	21 31	0 37	17 30	1 44	15 49	16 37	7 39	7 42	28 0	1 5	4 29
M 5	5 48	9 16	3 5	3 13	2 4	23 35	6 14	24 51	2 36	23 56	0 26	20 31	0 33	21 31	0 37	17 30	1 44	15 48	16 37	7 39	7 40	27 59	1 6	4 29
T 6	6 11	3 12	2 3	2 44	2 5	23 40	6 16	24 44	2 34	23 56	0 26	20 30	0 33	21 31	0 37	17 29	1 44	15 48	16 37	7 38	7 39	27 58	1 7	4 29
W 7	6 35	3s 9	0 52	2 12	2 6	23 45	6 17	24 37	2 32	23 56	0 26	20 29	0 33	21 31	0 37	17 29	1 44	15 47	16 37	7 38	7 38	27 58	1 8	4 28
T 8	6 58	9 30	0s22	1 38	2 6	23 49	6 18	24 29	2 31	23 55	0 26	20 29	0 33	21 31	0 37	17 29	1 45	15 46	16 38	7 38	7 37	27 57	1 9	4 28
F 9	7 21	15 32	1 37	1 2	2 5	23 51	6 18	24 21	2 29	23 55	0 26	20 28	0 34	21 31	0 37	17 28	1 45	15 46	16 38	7 38	7 36	27 56	1 10	4 28
S 10	7 44	20 51	2 47	0 25	2 4	23 53	6 18	24 13	2 27	23 55	0 26	20 27	0 34	21 31	0 37	17 28	1 45	15 45	16 38	7 38	7 34	27 56	1 11	4 28
S 11	8 7	25 4	3 48	0s13	2 1	23 53	6 18	24 4	2 25	23 55	0 26	20 27	0 34	21 31	0 37	17 28	1 45	15 44	16 38	7 38	7 33	27 55	1 12	4 28
M12	8 29	27 45	4 35	0 53	1 59	23 52	6 17	23 56	2 23	23 54	0 26	20 26	0 34	21 31	0 37	17 27	1 45	15 43	16 39	7 38	7 32	27 54	1 13	4 28
T 13	8 52	28 38	5 5	1 33	1 55	23 50	6 15	23 47	2 21	23 54	0 26	20 26	0 34	21 30	0 37	17 27	1 45	15 43	16 39	7 38	7 31	27 54	1 14	4 27
W14	9 14	27 37	5 17	2 15	1 51	23 47	6 13	23 39	2 19	23 54	0 26	20 25	0 34	21 30	0 37	17 27	1 45	15 42	16 39	7 38	7 30	27 53	1 15	4 27
T 15	9 37	24 49	5 9	2 56	1 47	23 43	6 10	23 29	2 18	23 53	0 26	20 25	0 34	21 30	0 37	17 26	1 45	15 41	16 39	7 38	7 28	27 52	1 16	4 27
F 16	9 59	20 33	4 43	3 38	1 42	23 37	6 7	23 20	2 16	23 53	0 26	20 24	0 35	21 30	0 37	17 26	1 45	15 41	16 40	7 38	7 27	27 51	1 17	4 27
S 17	10 21	15 12	4 0	4 20	1 37	23 30	6 3	23 11	2 14	23 52	0 26	20 24	0 35	21 30	0 37	17 26	1 45	15 40	16 40	7 38	7 26	27 51	1 18	4 26
S 18	10 43	9 8	3 4	5 3	1 32	23 22	5 59	23 1	2 12	23 52	0 26	20 23	0 35	21 30	0 37	17 25	1 45	15 40	16 40	7 39	7 25	27 50	1 19	4 26
M19	11 5	2 44	1 58	5 45	1 26	23 13	5 53	22 52	2 10	23 52	0 26	20 23	0 35	21 30	0 37	17 25	1 45	15 39	16 40	7 39	7 23	27 49	1 20	4 26
T 20	11 26	3n43	0 46	6 28	1 21	23 2	5 48	22 42	2 9	23 51	0 26	20 22	0 35	21 29	0 36	17 24	1 45	15 38	16 41	7 39	7 22	27 48	1 21	4 26
W21	11 47	9 54	0n27	7 10	1 15	22 50	5 41	22 31	2 7	23 51	0 26	20 22	0 35	21 29	0 36	17 24	1 45	15 38	16 41	7 39	7 21	27 48	1 22	4 26
T 22	12 9	15 33	1 37	7 52	1 8	22 36	5 34	22 21	2 5	23 50	0 26	20 22	0 36	21 29	0 36	17 24	1 45	15 37	16 41	7 39	7 20	27 47	1 23	4 25
F 23	12 30	20 26	2 41	8 34	1 2	22 21	5 26	22 11	2 3	23 50	0 26	20 21	0 36	21 29	0 36	17 23	1 45	15 37	16 42	7 39	7 19	27 46	1 24	4 25
S 24	12 50	24 19	3 36	9 15	0 56	22 5	5 17	22 0	2 2	23 49	0 26	20 21	0 36	21 29	0 36	17 23	1 45	15 36	16 42	7 38	7 17	27 45	1 25	4 25
S 25	13 11	27 1	4 20	9 56	0 49	21 47	5 7	21 49	2 0	23 49	0 26	20 21	0 36	21 28	0 36	17 22	1 45	15 36	16 42	7 37	7 16	27 45	1 25	4 25
M26	13 31	28 25	4 51	10 37	0 43	21 28	4 57	21 38	1 58	23 48	0 27	20 21	0 36	21 28	0 36	17 22	1 45	15 35	16 43	7 36	7 15	27 44	1 26	4 24
T 27	13 51	28 28	5 10	11 17	0 36	21 9	4 47	21 27	1 56	23 48	0 27	20 20	0 36	21 28	0 36	17 22	1 45	15 35	16 43	7 35	7 14	27 43	1 27	4 24
W28	14 11	27 12	5 15	11 57	0 29	20 48	4 35	21 16	1 55	23 47	0 27	20 20	0 37	21 28	0 36	17 21	1 45	15 34	16 43	7 34	7 13	27 42	1 28	4 24
T 29	14 31	24 42	5 7	12 36	0 23	20 26	4 23	21 4	1 53	23 46	0 27	20 20	0 37	21 27	0 36	17 21	1 45	15 34	16 44	7 34	7 11	27 41	1 29	4 24
F 30	14 50	21 9	4 45	13 15	0 16	20 3	4 10	20 53	1 51	23 46	0 27	20 20	0 37	21 27	0 36	17 20	1 45	15 33	16 44	7 34	7 10	27 40	1 29	4 23
S 31	15s10	16n40	4n11	13s53	0n 9	19s39	3s57	20s41	1s50	23s45	0s27	20n20	0n37	21s27	0s36	17n20	1s45	15n33	16n44	7n34	7n 9	27n40	1s30	4n23

Julian Day Number = 1991250.5, Delta T = 54m53s
Ecliptic obliquity = 23°36'17, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'06, Lahiri = 6°18'07 Julian Calendar 1 Oct. 739 == Greg. Calendar 5 Oct. 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

NOVEMBER 739 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 52 10	11♏47'38	8♍54	8♏49	12°R32	6♒38	9♑ 2	2♌34	27♑16	24°R30	29♍25	19♈14	18♈ 3	16♋46	16°R 2	S 1
M 2	2 56 6	12°48'24	21°32	10°24	11♏56	7°19	9°13	2°35	27°18	24♉28	29°26	19°16	18° 0	16°53	16♓ 0	M 2
T 3	3 0 3	13°49'11	4♎32	11°59	11°20	8° 0	9°24	2°36	27°19	24°26	29°28	19°17	17°57	16°59	15°59	T 3
W 4	3 4 0	14°50'01	17°56	13°34	10°44	8°41	9°34	2°36	27°21	24°25	29°30	19°R18	17°54	17° 6	15°58	W 4
T 5	3 7 56	15°50'51	1♏43	15° 9	10° 8	9°22	9°45	2°37	27°23	24°23	29°32	19°18	17°50	17°13	15°57	T 5
F 6	3 11 53	16°51'44	15°52	16°44	9°34	10° 4	9°56	2°38	27°24	24°21	29°34	19°16	17°47	17°19	15°56	F 6
S 7	3 15 49	17°52'37	0♐18	18°18	9° 1	10°45	10° 8	2°38	27°26	24°19	29°35	19°12	17°44	17°26	15°55	S 7
S 8	3 19 46	18°53'32	14°57	19°52	8°29	11°26	10°19	2°38	27°28	24°18	29°37	19° 8	17°41	17°33	15°54	S 8
M 9	3 23 42	19°54'27	29°39	21°27	7°58	12° 8	10°30	2°39	27°29	24°16	29°39	19° 3	17°38	17°40	15°53	M 9
T 10	3 27 39	20°55'24	14♑18	23° 1	7°30	12°49	10°42	2°R39	27°31	24°14	29°41	18°59	17°34	17°46	15°52	T 10
W11	3 31 35	21°56'22	28°49	24°35	7° 3	13°31	10°53	2°39	27°33	24°13	29°42	18°56	17°31	17°53	15°52	W11
T 12	3 35 32	22°57'20	13♒ 6	26° 9	6°38	14°12	11° 5	2°39	27°35	24°11	29°44	18°54	17°28	18° 0	15°51	T 12
F 13	3 39 29	23°58'19	27° 7	27°43	6°15	14°54	11°17	2°38	27°37	24° 9	29°45	18°D53	17°25	18° 7	15°50	F 13
S 14	3 43 25	24°59'19	10♓52	29°17	5°54	15°35	11°28	2°38	27°39	24° 8	29°47	18°54	17°22	18°13	15°50	S 14
S 15	3 47 22	26° 0'19	24°21	0♐51	5°36	16°17	11°40	2°38	27°41	24° 6	29°49	18°56	17°19	18°20	15°49	S 15
M16	3 51 18	27° 1'20	7♈35	2°25	5°20	16°59	11°52	2°37	27°43	24° 4	29°50	18°57	17°15	18°27	15°49	M16
T 17	3 55 15	28° 2'21	20°35	4° 0	5° 6	17°40	12° 4	2°36	27°45	24° 2	29°51	18°R58	17°12	18°33	15°48	T 17
W18	3 59 11	29° 3'24	3♉24	5°34	4°55	18°22	12°17	2°36	27°47	24° 1	29°53	18°57	17° 9	18°40	15°48	W18
T 19	4 3 8	0♐ 4'27	16° 2	7° 8	4°46	19° 4	12°29	2°35	27°49	23°59	29°54	18°54	17° 6	18°47	15°48	T 19
F 20	4 7 4	1° 5'31	28°29	8°42	4°40	19°46	12°41	2°34	27°52	23°57	29°56	18°48	17° 3	18°54	15°47	F 20
S 21	4 11 1	2° 6'35	10♊47	10°17	4°36	20°28	12°54	2°32	27°54	23°56	29°57	18°41	17° 0	19° 0	15°47	S 21
S 22	4 14 58	3° 7'41	22°56	11°51	4°D35	21°10	13° 6	2°31	27°56	23°54	29°58	18°32	16°56	19° 7	15°47	S 22
M23	4 18 54	4° 8'47	4♋58	13°25	4°37	21°51	13°18	2°30	27°59	23°52	29°59	18°23	16°53	19°14	15°47	M23
T 24	4 22 51	5° 9'54	16°53	15° 0	4°40	22°33	13°31	2°28	28° 1	23°51	0♎ 1	18°14	16°50	19°20	15°D47	T 24
W25	4 26 47	6°11'02	28°45	16°34	4°46	23°15	13°44	2°27	28° 4	23°49	0° 2	18° 7	16°47	19°27	15°47	W25
T 26	4 30 44	7°12'11	10♌36	18° 9	4°55	23°57	13°56	2°25	28° 6	23°47	0° 4	18° 1	16°44	19°34	15°47	T 26
F 27	4 34 40	8°13'20	22°30	19°43	5° 6	24°39	14° 9	2°23	28° 9	23°46	0° 5	17°57	16°40	19°41	15°47	F 27
S 28	4 38 37	9°14'30	4♍33	21°17	5°19	25°21	14°22	2°22	28°11	23°44	0° 6	17°D55	16°37	19°47	15°47	S 28
S 29	4 42 34	10°15'41	16°48	22°51	5°34	26° 3	14°35	2°20	28°14	23°42	0° 7	17°55	16°34	19°54	15°48	S 29
M30	4 46 30	11♐16'53	29♍21	24♐26	5♏51	26♒45	14♑48	2♌18	28♑16	23♉41	0♎ 8	17♈56	16♈31	20♋ 1	15♓48	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s29	11n26	3n24	14s30	0n 2	19s15	3s43	20s29	1s48	23s44	0s27	20n20	0n37	21s26	0s36	17n20	1s45	15n33	16n45	7n35	7n 8	27n39	1s31	4n23
M 2	15 47	5 37	2 27	15 7	0s 4	18 50	3 29	20 17	1 46	23 44	0 27	20 20	0 37	21 26	0 36	17 19	1 45	15 32	16 45	7 36	7 6	27 38	1 32	4 23
T 3	16 6	0s35	1 20	15 43	0 11	18 25	3 14	20 5	1 45	23 43	0 27	20 20	0 38	21 26	0 36	17 19	1 45	15 32	16 45	7 36	7 5	27 37	1 32	4 22
W 4	16 24	6 58	0 8	16 18	0 17	17 59	3 0	19 52	1 43	23 42	0 27	20 19	0 38	21 25	0 36	17 18	1 45	15 31	16 46	7 36	7 4	27 36	1 33	4 22
T 5	16 42	13 12	1s 8	16 52	0 24	17 33	2 44	19 40	1 41	23 41	0 27	20 19	0 38	21 25	0 36	17 18	1 45	15 31	16 46	7 36	7 3	27 35	1 34	4 22
F 6	16 59	18 56	2 20	17 26	0 30	17 8	2 29	19 27	1 40	23 41	0 27	20 20	0 38	21 25	0 36	17 18	1 45	15 31	16 47	7 35	7 2	27 34	1 34	4 22
S 7	17 17	23 42	3 26	17 59	0 37	16 42	2 13	19 14	1 38	23 40	0 27	20 20	0 38	21 24	0 36	17 17	1 45	15 30	16 47	7 34	7 0	27 34	1 35	4 21
S 8	17 34	27 2	4 18	18 31	0 43	16 17	1 58	19 1	1 36	23 39	0 27	20 20	0 38	21 24	0 36	17 17	1 45	15 30	16 48	7 33	6 59	27 33	1 35	4 21
M 9	17 50	28 30	4 54	19 2	0 49	15 52	1 42	18 48	1 35	23 38	0 27	20 20	0 39	21 24	0 36	17 16	1 45	15 30	16 48	7 31	6 58	27 32	1 36	4 21
T 10	18 7	27 59	5 11	19 33	0 55	15 28	1 27	18 34	1 33	23 37	0 27	20 20	0 39	21 23	0 36	17 16	1 45	15 30	16 48	7 29	6 57	27 31	1 37	4 20
W11	18 23	25 33	5 7	20 2	1 1	15 5	1 11	18 21	1 32	23 36	0 27	20 20	0 39	21 23	0 36	17 15	1 45	15 29	16 49	7 28	6 55	27 30	1 37	4 20
T 12	18 38	21 32	4 45	20 30	1 7	14 42	0 56	18 7	1 30	23 35	0 27	20 20	0 39	21 22	0 36	17 15	1 45	15 29	16 49	7 27	6 54	27 29	1 38	4 20
F 13	18 54	16 23	4 5	20 58	1 12	14 20	0 41	17 53	1 29	23 35	0 27	20 20	0 39	21 22	0 36	17 15	1 45	15 29	16 50	7 27	6 53	27 28	1 38	4 20
S 14	19 9	10 30	3 12	21 24	1 18	13 59	0 26	17 39	1 27	23 34	0 27	20 21	0 39	21 22	0 36	17 14	1 45	15 29	16 50	7 27	6 52	27 27	1 39	4 19
S 15	19 23	4 15	2 10	21 49	1 23	13 39	0 11	17 25	1 25	23 33	0 27	20 21	0 40	21 21	0 36	17 14	1 45	15 29	16 51	7 28	6 51	27 26	1 39	4 19
M16	19 38	2n 5	1 2	22 14	1 28	13 21	0n 3	17 11	1 24	23 32	0 27	20 21	0 40	21 21	0 36	17 13	1 45	15 28	16 51	7 28	6 49	27 25	1 40	4 19
T 17	19 52	8 14	0n 9	22 37	1 33	13 3	0 17	16 57	1 22	23 31	0 28	20 22	0 40	21 20	0 36	17 13	1 45	15 28	16 52	7 29	6 48	27 24	1 40	4 18
W18	20 5	13 57	1 18	22 59	1 38	12 47	0 30	16 42	1 21	23 29	0 28	20 22	0 40	21 20	0 36	17 13	1 45	15 28	16 52	7 28	6 47	27 23	1 40	4 18
T 19	20 18	19 0	2 21	23 20	1 42	12 32	0 43	16 28	1 19	23 28	0 28	20 22	0 40	21 19	0 36	17 12	1 45	15 28	16 53	7 27	6 46	27 22	1 41	4 18
F 20	20 31	23 10	3 17	23 39	1 46	12 18	0 56	16 13	1 18	23 27	0 28	20 23	0 40	21 19	0 36	17 12	1 45	15 28	16 53	7 25	6 44	27 21	1 41	4 18
S 21	20 44	26 14	4 3	23 58	1 50	12 5	1 8	15 58	1 16	23 26	0 28	20 23	0 41	21 18	0 36	17 11	1 45	15 28	16 54	7 22	6 43	27 20	1 42	4 17
S 22	20 56	28 2	4 37	24 15	1 54	11 54	1 19	15 44	1 15	23 25	0 28	20 24	0 41	21 18	0 36	17 11	1 45	15 28	16 54	7 19	6 42	27 19	1 42	4 17
M23	21 7	28 29	4 59	24 31	1 58	11 43	1 31	15 28	1 13	23 24	0 28	20 24	0 41	21 18	0 36	17 11	1 45	15 28	16 55	7 15	6 41	27 18	1 42	4 17
T 24	21 18	27 36	5 7	24 45	2 1	11 35	1 41	15 13	1 12	23 22	0 28	20 25	0 41	21 17	0 36	17 10	1 45	15 28	16 55	7 12	6 40	27 17	1 42	4 16
W25	21 29	25 28	5 2	24 58	2 3	11 27	1 52	14 58	1 11	23 21	0 28	20 25	0 41	21 16	0 36	17 10	1 45	15 28	16 56	7 9	6 38	27 16	1 43	4 16
T 26	21 40	22 15	4 44	25 10	2 6	11 20	2 2	14 43	1 9	23 20	0 28	20 26	0 41	21 16	0 36	17 9	1 45	15 28	16 56	7 7	6 37	27 15	1 43	4 16
F 27	21 50	18 5	4 13	25 20	2 8	11 15	2 11	14 27	1 8	23 19	0 28	20 26	0 42	21 15	0 36	17 9	1 45	15 28	16 57	7 5	6 36	27 14	1 43	4 16
S 28	21 59	13 11	3 31	25 28	2 10	11 11	2 20	14 12	1 6	23 17	0 28	20 27	0 42	21 15	0 36	17 9	1 45	15 28	16 57	7 5	6 35	27 13	1 43	4 15
S 29	22 8	7 41	2 39	25 36	2 11	11 8	2 28	13 56	1 5	23 16	0 28	20 27	0 42	21 14	0 36	17 8	1 45	15 28	16 58	7 5	6 33	27 12	1 43	4 15
M30	22s17	1n46	1n38	25s41	2s12	11s 6	2n36	13s40	1s 3	23s15	0s28	20n28	0n42	21s14	0s36	17n 8	1s45	15n28	16n58	7n 5	6n32	27n11	1s44	4n15

Julian Day Number = 1991281.5, Delta T = 54m53s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'11, Lahiri = 6°18'11 Julian Calendar 1 Nov. 739 == Greg. Calendar 5 Nov. 739

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ASTRODIENST EPHEMERIS for the year 739
geocentric

DECEMBER 739 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 50 27	12♐18'05	12♎17	25♐59	6♏10	27♒27	15♑ 1	2°R15	28♑19	23°R39	0♎ 9	17°R57	16♈28	20♋ 8	15♓48	T 1
W 2	4 54 23	13°19'18	25°39	27°33	6°31	28°10	15°14	2♌13	28°22	23♉38	0°10	17♈57	16°25	20°14	15°49	W 2
T 3	4 58 20	14°20'31	9♏30	29° 6	6°54	28°52	15°27	2°11	28°24	23°36	0°11	17°55	16°21	20°21	15°49	T 3
F 4	5 2 16	15°21'45	23°49	0♑38	7°19	29°34	15°41	2° 8	28°27	23°35	0°12	17°51	16°18	20°28	15°50	F 4
S 5	5 6 13	16°22'59	8♐32	2°10	7°46	0♓16	15°54	2° 6	28°30	23°33	0°13	17°44	16°15	20°34	15°50	S 5
S 6	5 10 9	17°24'14	23°33	3°41	8°14	0°58	16° 7	2° 3	28°33	23°31	0°14	17°35	16°12	20°41	15°51	S 6
M 7	5 14 6	18°25'29	8♑41	5°10	8°44	1°40	16°21	2° 0	28°36	23°30	0°15	17°25	16° 9	20°48	15°52	M 7
T 8	5 18 3	19°26'44	23°47	6°38	9°16	2°22	16°34	1°57	28°38	23°28	0°16	17°15	16° 6	20°55	15°53	T 8
W 9	5 21 59	20°27'58	8♒41	8° 5	9°49	3° 5	16°48	1°54	28°41	23°27	0°16	17° 7	16° 2	21° 1	15°53	W 9
T 10	5 25 56	21°29'13	23°15	9°30	10°23	3°47	17° 1	1°51	28°44	23°26	0°17	17° 2	15°59	21° 8	15°54	T 10
F 11	5 29 52	22°30'27	7♓26	10°52	10°59	4°29	17°15	1°48	28°47	23°24	0°18	16°58	15°56	21°15	15°55	F 11
S 12	5 33 49	23°31'40	21°12	12°11	11°36	5°11	17°28	1°45	28°50	23°23	0°19	16°D57	15°53	21°22	15°56	S 12
S 13	5 37 45	24°32'54	4♈35	13°27	12°15	5°53	17°42	1°42	28°53	23°21	0°19	16°58	15°50	21°28	15°57	S 13
M14	5 41 42	25°34'06	17°38	14°39	12°55	6°36	17°56	1°38	28°56	23°20	0°20	16°R58	15°46	21°35	15°58	M14
T 15	5 45 38	26°35'19	0♉24	15°47	13°36	7°18	18°10	1°35	28°59	23°18	0°20	16°57	15°43	21°42	15°59	T 15
W16	5 49 35	27°36'31	12°56	16°49	14°18	8° 0	18°23	1°31	29° 2	23°17	0°21	16°54	15°40	21°48	16° 1	W16
T 17	5 53 32	28°37'42	25°17	17°45	15° 1	8°42	18°37	1°27	29° 5	23°16	0°21	16°48	15°37	21°55	16° 2	T 17
F 18	5 57 28	29°38'54	7♊30	18°34	15°45	9°24	18°51	1°24	29° 9	23°14	0°22	16°39	15°34	22° 2	16° 3	F 18
S 19	6 1 25	0♑40'05	19°36	19°15	16°30	10° 7	19° 5	1°20	29°12	23°13	0°22	16°28	15°31	22° 9	16° 5	S 19
S 20	6 5 21	1°41'15	1♋36	19°48	17°17	10°49	19°19	1°16	29°15	23°12	0°23	16°14	15°27	22°15	16° 6	S 20
M21	6 9 18	2°42'25	13°33	20°10	18° 4	11°31	19°33	1°12	29°18	23°11	0°23	15°59	15°24	22°22	16° 7	M21
T 22	6 13 14	3°43'35	25°26	20°23	18°52	12°13	19°47	1° 8	29°21	23° 9	0°23	15°45	15°21	22°29	16° 9	T 22
W23	6 17 11	4°44'44	7♌17	20°R24	19°41	12°55	20° 1	1° 4	29°25	23° 8	0°24	15°32	15°18	22°36	16°11	W23
T 24	6 21 8	5°45'53	19° 9	20°13	20°31	13°37	20°15	1° 0	29°28	23° 7	0°24	15°22	15°15	22°42	16°12	T 24
F 25	6 25 4	6°47'01	1♍ 4	19°51	21°21	14°20	20°29	0°56	29°31	23° 6	0°24	15°14	15°12	22°49	16°14	F 25
S 26	6 29 1	7°48'09	13° 6	19°18	22°13	15° 2	20°43	0°51	29°34	23° 5	0°24	15° 9	15° 8	22°56	16°16	S 26
S 27	6 32 57	8°49'17	25°18	18°33	23° 5	15°44	20°57	0°47	29°38	23° 4	0°24	15° 7	15° 5	23° 2	16°17	S 27
M28	6 36 54	9°50'24	7♎46	17°38	23°58	16°26	21°11	0°43	29°41	23° 3	0°25	15° 6	15° 2	23° 9	16°19	M28
T 29	6 40 50	10°51'31	20°35	16°35	24°51	17° 8	21°25	0°38	29°44	23° 2	0°25	15° 6	14°59	23°16	16°21	T 29
W30	6 44 47	11°52'38	3♏49	15°25	25°45	17°50	21°40	0°34	29°48	23° 1	0°25	15° 6	14°56	23°23	16°23	W30
T 31	6 48 43	12♑53'44	17♏31	14♑10	26♏40	18♓32	21♑54	0♌29	29♑51	23♉ 0	0°R25	15♈ 3	14♈52	23♋29	16♓25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s25	4s25	0n30	25s45	2s12	11s 5	2n44	13s25	1s 2	23s13	0s28	20n29	0n42	21s13	0s36	17n 8	1s45	15n28	16n59	7n 5	6n31	27n10	1s44	4n14
W 2	22 33	10 37	0s41	25 47	2 12	11 5	2 51	13 9	1 1	23 12	0 28	20 29	0 42	21 13	0 36	17 7	1 45	15 28	17 0	7 5	6 30	27 8	1 44	4 14
T 3	22 41	16 32	1 53	25 48	2 12	11 7	2 58	12 53	0 59	23 10	0 28	20 30	0 43	21 12	0 36	17 7	1 45	15 28	17 0	7 5	6 28	27 7	1 44	4 14
F 4	22 48	21 45	2 59	25 47	2 11	11 9	3 4	12 36	0 58	23 9	0 28	20 31	0 43	21 12	0 36	17 6	1 45	15 28	17 1	7 3	6 27	27 6	1 44	4 14
S 5	22 54	25 46	3 56	25 44	2 9	11 12	3 10	12 20	0 57	23 7	0 28	20 32	0 43	21 11	0 35	17 6	1 45	15 28	17 1	7 0	6 26	27 5	1 44	4 13
S 6	23 0	28 4	4 37	25 40	2 7	11 15	3 16	12 4	0 55	23 6	0 29	20 32	0 43	21 10	0 35	17 6	1 45	15 29	17 2	6 57	6 25	27 4	1 44	4 13
M 7	23 6	28 18	5 0	25 34	2 4	11 20	3 21	11 48	0 54	23 4	0 29	20 33	0 43	21 10	0 35	17 5	1 45	15 29	17 2	6 53	6 24	27 3	1 44	4 13
T 8	23 11	26 26	5 1	25 26	2 0	11 25	3 26	11 31	0 53	23 3	0 29	20 34	0 43	21 9	0 35	17 5	1 45	15 29	17 3	6 49	6 22	27 2	1 44	4 12
W 9	23 16	22 45	4 42	25 17	1 55	11 31	3 31	11 15	0 51	23 1	0 29	20 35	0 44	21 9	0 35	17 5	1 45	15 29	17 4	6 46	6 21	27 1	1 44	4 12
T 10	23 20	17 43	4 5	25 6	1 50	11 38	3 35	10 58	0 50	22 59	0 29	20 36	0 44	21 8	0 35	17 4	1 44	15 29	17 4	6 44	6 20	26 59	1 44	4 12
F 11	23 23	11 50	3 14	24 53	1 44	11 46	3 39	10 41	0 49	22 58	0 29	20 36	0 44	21 7	0 35	17 4	1 44	15 30	17 5	6 43	6 19	26 58	1 44	4 12
S 12	23 27	5 32	2 12	24 39	1 37	11 54	3 42	10 24	0 47	22 56	0 29	20 37	0 44	21 7	0 35	17 4	1 44	15 30	17 5	6 42	6 17	26 57	1 44	4 11
S 13	23 29	0n50	1 5	24 24	1 29	12 2	3 45	10 8	0 46	22 54	0 29	20 38	0 44	21 6	0 35	17 3	1 44	15 30	17 6	6 42	6 16	26 56	1 43	4 11
M14	23 32	7 1	0n 4	24 7	1 20	12 12	3 48	9 51	0 45	22 52	0 29	20 39	0 44	21 5	0 35	17 3	1 44	15 30	17 6	6 43	6 15	26 55	1 43	4 11
T 15	23 34	12 47	1 11	23 49	1 10	12 21	3 51	9 34	0 44	22 51	0 29	20 40	0 44	21 5	0 35	17 3	1 44	15 31	17 7	6 42	6 14	26 54	1 43	4 10
W16	23 35	17 56	2 13	23 30	0 59	12 31	3 53	9 17	0 42	22 49	0 29	20 41	0 45	21 4	0 35	17 2	1 44	15 31	17 8	6 41	6 12	26 52	1 43	4 10
T 17	23 36	22 15	3 8	23 11	0 46	12 42	3 55	9 0	0 41	22 47	0 29	20 42	0 45	21 3	0 35	17 2	1 44	15 31	17 8	6 39	6 11	26 51	1 43	4 10
F 18	23 36	25 33	3 54	22 51	0 33	12 53	3 57	8 43	0 40	22 45	0 29	20 43	0 45	21 3	0 35	17 2	1 44	15 32	17 9	6 35	6 10	26 50	1 42	4 10
S 19	23 36	27 39	4 28	22 31	0 19	13 4	3 59	8 26	0 39	22 43	0 29	20 44	0 45	21 2	0 35	17 2	1 44	15 32	17 9	6 31	6 9	26 49	1 42	4 9
S 20	23 36	28 26	4 50	22 11	0 3	13 16	4 0	8 8	0 37	22 41	0 29	20 45	0 45	21 1	0 35	17 1	1 44	15 32	17 10	6 26	6 8	26 47	1 42	4 9
M21	23 35	27 52	4 59	21 51	0n14	13 28	4 1	7 51	0 36	22 39	0 30	20 46	0 45	21 1	0 35	17 1	1 44	15 33	17 11	6 20	6 6	26 46	1 41	4 9
T 22	23 33	26 2	4 55	21 32	0 31	13 41	4 2	7 34	0 35	22 37	0 30	20 47	0 46	21 0	0 35	17 1	1 44	15 33	17 11	6 14	6 5	26 45	1 41	4 9
W23	23 31	23 4	4 39	21 14	0 49	13 53	4 2	7 16	0 34	22 35	0 30	20 48	0 46	20 59	0 35	17 1	1 44	15 34	17 12	6 9	6 4	26 44	1 41	4 8
T 24	23 29	19 8	4 10	20 57	1 8	14 6	4 3	6 59	0 33	22 33	0 30	20 49	0 46	20 59	0 35	17 0	1 44	15 34	17 12	6 5	6 3	26 42	1 40	4 8
F 25	23 26	14 26	3 30	20 41	1 27	14 19	4 3	6 42	0 32	22 31	0 30	20 50	0 46	20 58	0 35	17 0	1 44	15 35	17 13	6 2	6 1	26 41	1 40	4 8
S 26	23 22	9 9	2 40	20 28	1 46	14 32	4 3	6 24	0 30	22 29	0 30	20 51	0 46	20 57	0 35	17 0	1 44	15 35	17 14	6 0	6 0	26 40	1 40	4 7
S 27	23 19	3 27	1 43	20 15	2 4	14 45	4 3	6 7	0 29	22 27	0 30	20 52	0 46	20 57	0 35	17 0	1 44	15 36	17 14	6 0	5 59	26 39	1 39	4 7
M28	23 14	2s31	0 39	20 5	2 22	14 59	4 2	5 49	0 28	22 25	0 30	20 53	0 46	20 56	0 35	16 59	1 44	15 36	17 15	5 59	5 58	26 37	1 39	4 7
T 29	23 9	8 32	0s29	19 57	2 39	15 12	4 1	5 32	0 27	22 23	0 30	20 55	0 46	20 55	0 35	16 59	1 44	15 37	17 15	5 59	5 56	26 36	1 38	4 7
W30	23 4	14 24	1 37	19 50	2 53	15 26	4 1	5 14	0 26	22 21	0 30	20 56	0 47	20 54	0 35	16 59	1 44	15 37	17 16	5 59	5 55	26 35	1 38	4 6
T 31	22s58	19s46	2s42	19s46	3n 6	15s40	4n 0	4s57	0s25	22s19	0s30	20n57	0n47	20s54	0s35	16n59	1s44	15n38	17n17	5n58	5n54	26n33	1s37	4n 6

Julian Day Number = 1991311.5, Delta T = 54m52s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'15, Lahiri = 6°18'15 Julian Calendar 1 Dec. 739 == Greg. Calendar 5 Dec. 739

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ASTRODIENST EPHEMERIS for the year 740
geocentric

JANUARY 740 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 52 40	13♑54'49	1♐45	12°R54	27♏36	19♓14	22♑ 8	0°R25	29♑55	22°R59	0°R25	14°R57	14♈49	23♋36	16♓27	F 1
S 2	6 56 37	14°55'54	16°26	11♑37	28°32	19°56	22°22	0♌20	29°58	22♉58	0♎25	14♈49	14°46	23°43	16°29	S 2
S 3	7 0 33	15°56'59	1♑31	10°23	29°28	20°38	22°37	0°15	0♒ 1	22°57	0°24	14°39	14°43	23°49	16°31	S 3
M 4	7 4 30	16°58'02	16°50	9°13	0♐25	21°20	22°51	0°11	0° 5	22°56	0°24	14°27	14°40	23°56	16°33	M 4
T 5	7 8 26	17°59'05	2♒12	8° 9	1°23	22° 3	23° 5	0° 6	0° 8	22°55	0°24	14°15	14°37	24° 3	16°35	T 5
W 6	7 12 23	19° 0'06	17°23	7°12	2°21	22°45	23°19	0° 1	0°12	22°54	0°24	14° 5	14°33	24°10	16°38	W 6
T 7	7 16 19	20° 1'06	2♓16	6°24	3°19	23°27	23°34	29♋56	0°15	22°54	0°24	13°57	14°30	24°16	16°40	T 7
F 8	7 20 16	21° 2'05	16°42	5°43	4°18	24° 9	23°48	29°52	0°19	22°53	0°23	13°53	14°27	24°23	16°42	F 8
S 9	7 24 12	22° 3'02	0♈40	5°12	5°18	24°51	24° 2	29°47	0°22	22°52	0°23	13°51	14°24	24°30	16°45	S 9
S 10	7 28 9	23° 3'58	14°10	4°49	6°18	25°32	24°17	29°42	0°25	22°51	0°23	13°D50	14°21	24°37	16°47	S 10
M11	7 32 6	24° 4'53	27°14	4°35	7°18	26°14	24°31	29°37	0°29	22°51	0°22	13°R50	14°18	24°43	16°49	M11
T 12	7 36 2	25° 5'46	9♉56	4°D29	8°19	26°56	24°45	29°32	0°32	22°50	0°22	13°49	14°14	24°50	16°52	T 12
W13	7 39 59	26° 6'38	22°22	4°30	9°20	27°38	25° 0	29°27	0°36	22°50	0°21	13°47	14°11	24°57	16°54	W13
T 14	7 43 55	27° 7'28	4♊35	4°39	10°21	28°20	25°14	29°22	0°39	22°49	0°21	13°41	14° 8	25° 3	16°57	T 14
F 15	7 47 52	28° 8'17	16°38	4°54	11°23	29° 2	25°28	29°18	0°43	22°49	0°20	13°33	14° 5	25°10	17° 0	F 15
S 16	7 51 48	29° 9'04	28°36	5°16	12°25	29°44	25°42	29°13	0°46	22°48	0°20	13°22	14° 2	25°17	17° 2	S 16
S 17	7 55 45	0♒ 9'50	10♋30	5°43	13°28	0♈26	25°57	29° 8	0°50	22°48	0°19	13° 9	13°58	25°24	17° 5	S 17
M18	7 59 41	1°10'34	22°23	6°16	14°30	1° 7	26°11	29° 3	0°53	22°47	0°19	12°55	13°55	25°30	17° 8	M18
T 19	8 3 38	2°11'17	4♌15	6°54	15°33	1°49	26°25	28°58	0°57	22°47	0°18	12°41	13°52	25°37	17°10	T 19
W20	8 7 35	3°11'58	16° 9	7°35	16°37	2°31	26°40	28°53	1° 0	22°46	0°17	12°28	13°49	25°44	17°13	W20
T 21	8 11 31	4°12'38	28° 5	8°21	17°40	3°13	26°54	28°48	1° 4	22°46	0°17	12°18	13°46	25°50	17°16	T 21
F 22	8 15 28	5°13'17	10♍ 5	9°11	18°44	3°54	27° 8	28°43	1° 7	22°46	0°16	12°11	13°43	25°57	17°19	F 22
S 23	8 19 24	6°13'54	22°12	10° 4	19°49	4°36	27°22	28°39	1°11	22°46	0°15	12° 6	13°39	26° 4	17°22	S 23
S 24	8 23 21	7°14'29	4♎29	11° 0	20°53	5°18	27°37	28°34	1°14	22°45	0°14	12° 4	13°36	26°11	17°25	S 24
M25	8 27 17	8°15'04	16°59	11°59	21°58	5°59	27°51	28°29	1°18	22°45	0°14	12°D 4	13°33	26°17	17°28	M25
T 26	8 31 14	9°15'37	29°46	13° 1	23° 3	6°41	28° 5	28°24	1°21	22°45	0°13	12° 5	13°30	26°24	17°30	T 26
W27	8 35 10	10°16'09	12♏54	14° 5	24° 8	7°22	28°19	28°19	1°25	22°45	0°12	12°R 5	13°27	26°31	17°33	W27
T 28	8 39 7	11°16'40	26°27	15°12	25°13	8° 4	28°33	28°15	1°28	22°45	0°11	12° 4	13°24	26°38	17°37	T 28
F 29	8 43 4	12°17'09	10♐28	16°21	26°19	8°45	28°47	28°10	1°32	22°45	0°10	12° 0	13°20	26°44	17°40	F 29
S 30	8 47 0	13°17'37	24°56	17°31	27°25	9°27	29° 1	28° 5	1°35	22°D45	0° 9	11°55	13°17	26°51	17°43	S 30
S 31	8 50 57	14♒18'03	9♑47	18♑44	28♐31	10♈ 8	29♑16	28♋ 1	1♒39	22♉45	0♎ 8	11♈47	13♈14	26♋58	17♓46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s52	24s14	3s39	19s43	3n17	15s53	3n58	4s39	0s24	22s16	0s30	20n58	0n47	20s53	0s35	16n59	1s43	15n38	17n17	5n56	5n53	26n32	1s37	4n 6	F 1
S 2	22 46	27 17	4 24	19 41	3 25	16 7	3 57	4 21	0 23	22 14	0 30	20 59	0 47	20 52	0 35	16 58	1 43	15 39	17 18	5 53	5 52	26 31	1 36	4 6	S 2
S 3	22 39	28 28	4 52	19 42	3 31	16 20	3 56	4 4	0 22	22 12	0 31	21 0	0 47	20 52	0 35	16 58	1 43	15 39	17 18	5 49	5 50	26 29	1 35	4 5	S 3
M 4	22 31	27 29	4 59	19 44	3 34	16 34	3 54	3 46	0 21	22 9	0 31	21 1	0 47	20 51	0 35	16 58	1 43	15 40	17 19	5 44	5 49	26 28	1 35	4 5	M 4
T 5	22 23	24 26	4 45	19 47	3 35	16 47	3 52	3 29	0 19	22 7	0 31	21 2	0 47	20 50	0 35	16 58	1 43	15 40	17 19	5 39	5 48	26 27	1 34	4 5	T 5
W 6	22 15	19 43	4 11	19 51	3 33	17 1	3 50	3 11	0 18	22 5	0 31	21 4	0 48	20 49	0 35	16 58	1 43	15 41	17 20	5 36	5 47	26 25	1 34	4 5	W 6
T 7	22 6	13 51	3 20	19 57	3 30	17 14	3 48	2 53	0 17	22 2	0 31	21 5	0 48	20 49	0 35	16 58	1 43	15 42	17 21	5 33	5 45	26 24	1 33	4 5	T 7
F 8	21 57	7 24	2 18	20 4	3 25	17 27	3 46	2 36	0 16	22 0	0 31	21 6	0 48	20 48	0 35	16 57	1 43	15 42	17 21	5 31	5 44	26 22	1 32	4 4	F 8
S 9	21 47	0 47	1 9	20 12	3 19	17 40	3 44	2 18	0 15	21 58	0 31	21 7	0 48	20 47	0 35	16 57	1 43	15 43	17 22	5 30	5 43	26 21	1 31	4 4	S 9
S 10	21 37	5n39	0n 2	20 20	3 11	17 53	3 41	2 0	0 14	21 55	0 31	21 8	0 48	20 46	0 35	16 57	1 43	15 44	17 22	5 30	5 42	26 20	1 31	4 4	S 10
M11	21 27	11 39	1 10	20 29	3 2	18 5	3 39	1 42	0 13	21 53	0 31	21 9	0 48	20 46	0 35	16 57	1 43	15 44	17 23	5 30	5 40	26 18	1 30	4 4	M11
T 12	21 16	17 0	2 13	20 39	2 53	18 17	3 36	1 25	0 12	21 50	0 31	21 10	0 48	20 45	0 35	16 57	1 43	15 45	17 23	5 29	5 39	26 17	1 29	4 3	T 12
W13	21 4	21 31	3 9	20 49	2 43	18 29	3 33	1 7	0 11	21 48	0 31	21 12	0 48	20 44	0 35	16 57	1 43	15 46	17 24	5 28	5 38	26 15	1 28	4 3	W13
T 14	20 53	25 2	3 54	20 59	2 32	18 41	3 30	0 49	0 10	21 45	0 32	21 13	0 48	20 43	0 35	16 57	1 43	15 46	17 24	5 26	5 37	26 14	1 28	4 3	T 14
F 15	20 41	27 23	4 28	21 9	2 22	18 53	3 27	0 32	0 9	21 43	0 32	21 14	0 49	20 43	0 35	16 57	1 43	15 47	17 25	5 23	5 35	26 13	1 27	4 3	F 15
S 16	20 28	28 26	4 51	21 19	2 11	19 4	3 24	0 14	0 8	21 40	0 32	21 15	0 49	20 42	0 35	16 57	1 43	15 48	17 26	5 19	5 34	26 11	1 26	4 2	S 16
S 17	20 15	28 10	5 0	21 29	1 59	19 15	3 21	0n 3	0 7	21 38	0 32	21 16	0 49	20 41	0 35	16 57	1 43	15 48	17 26	5 14	5 33	26 10	1 25	4 2	S 17
M18	20 2	26 36	4 56	21 39	1 48	19 25	3 18	0 21	0 6	21 35	0 32	21 17	0 49	20 40	0 35	16 57	1 43	15 49	17 27	5 8	5 32	26 8	1 24	4 2	M18
T 19	19 48	23 51	4 40	21 49	1 37	19 36	3 14	0 39	0 6	21 32	0 32	21 18	0 49	20 40	0 35	16 57	1 42	15 50	17 27	5 3	5 30	26 7	1 23	4 2	T 19
W20	19 35	20 5	4 11	21 57	1 26	19 46	3 11	0 56	0 5	21 30	0 32	21 19	0 49	20 39	0 35	16 57	1 42	15 51	17 28	4 58	5 29	26 5	1 23	4 2	W20
T 21	19 20	15 31	3 31	22 6	1 15	19 55	3 7	1 14	0 4	21 27	0 32	21 21	0 49	20 38	0 35	16 57	1 42	15 51	17 28	4 54	5 28	26 4	1 22	4 1	T 21
F 22	19 6	10 19	2 41	22 13	1 4	20 4	3 4	1 31	0 3	21 24	0 32	21 22	0 49	20 37	0 35	16 57	1 42	15 52	17 29	4 51	5 27	26 2	1 21	4 1	F 22
S 23	18 51	4 42	1 44	22 20	0 53	20 13	3 0	1 49	0 2	21 22	0 32	21 23	0 49	20 36	0 35	16 57	1 42	15 53	17 29	4 49	5 26	26 1	1 20	4 1	S 23
S 24	18 35	1s11	0 40	22 26	0 43	20 21	2 56	2 6	0 1	21 19	0 33	21 24	0 49	20 36	0 35	16 57	1 42	15 54	17 30	4 48	5 24	25 59	1 19	4 1	S 24
M25	18 20	7 7	0s26	22 31	0 32	20 29	2 53	2 23	0 0	21 16	0 33	21 25	0 50	20 35	0 35	16 57	1 42	15 54	17 30	4 48	5 23	25 58	1 18	4 1	M25
T 26	18 4	12 55	1 33	22 35	0 22	20 37	2 49	2 41	0n 1	21 13	0 33	21 26	0 50	20 34	0 35	16 57	1 42	15 55	17 31	4 48	5 22	25 56	1 17	4 1	T 26
W27	17 47	18 18	2 37	22 39	0 13	20 44	2 45	2 58	0 2	21 11	0 33	21 27	0 50	20 33	0 35	16 57	1 42	15 56	17 31	4 48	5 21	25 55	1 16	4 0	W27
T 28	17 31	22 57	3 34	22 41	0 3	20 50	2 41	3 16	0 2	21 8	0 33	21 28	0 50	20 33	0 35	16 57	1 42	15 57	17 32	4 48	5 19	25 53	1 15	4 0	T 28
F 29	17 14	26 28	4 20	22 42	0s 6	20 56	2 37	3 33	0 3	21 5	0 33	21 29	0 50	20 32	0 35	16 57	1 42	15 58	17 32	4 47	5 18	25 52	1 14	4 0	F 29
S 30	16 57	28 22	4 51	22 42	0 15	21 2	2 33	3 50	0 4	21 2	0 33	21 30	0 50	20 31	0 35	16 57	1 42	15 58	17 33	4 45	5 17	25 50	1 13	4 0	S 30
S 31	16s39	28s18	5s 4	22s41	0s24	21s 7	2n29	4n 7	0n 5	20s59	0s33	21n31	0n50	20s30	0s35	16n57	1s42	15n59	17n33	4n42	5n16	25n49	1s12	4n 0	S 31

Julian Day Number = 1991342.5, Delta T = 54m51s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'19, Lahiri = 6°18'19 Julian Calendar 1 Jan. 740 == Greg. Calendar 5 Jan. 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

FEBRUARY 740 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 54 53	15♒18'28	24♑56	19♑58	29♐37	10♈50	29♑30	27°R56	1♒42	22♉45	0°R 7	11°R38	13♈11	27♋ 4	17♓49	M 1
T 2	8 58 50	16°18'51	10♒12	21°14	0♑44	11°31	29°44	27♋52	1°45	22°45	0♎ 6	11♈30	13° 8	27°11	17°52	T 2
W 3	9 2 46	17°19'13	25°25	22°32	1°50	12°13	29°58	27°47	1°49	22°45	0° 5	11°22	13° 4	27°18	17°55	W 3
T 4	9 6 43	18°19'32	10♓23	23°51	2°57	12°54	0♒12	27°43	1°52	22°45	0° 4	11°16	13° 1	27°25	17°59	T 4
F 5	9 10 39	19°19'50	24°59	25°11	4° 4	13°35	0°26	27°38	1°56	22°45	0° 2	11°13	12°58	27°31	18° 2	F 5
S 6	9 14 36	20°20'05	9♈ 8	26°33	5°11	14°17	0°40	27°34	1°59	22°46	0° 1	11°D11	12°55	27°38	18° 5	S 6
S 7	9 18 33	21°20'19	22°48	27°57	6°18	14°58	0°53	27°30	2° 2	22°46	0° 0	11°12	12°52	27°45	18° 8	S 7
M 8	9 22 29	22°20'30	6♉ 0	29°21	7°26	15°39	1° 7	27°25	2° 6	22°46	29♍59	11°13	12°49	27°51	18°12	M 8
T 9	9 26 26	23°20'39	18°48	0♒47	8°33	16°21	1°21	27°21	2° 9	22°47	29°58	11°R14	12°45	27°58	18°15	T 9
W10	9 30 22	24°20'46	1♊16	2°14	9°41	17° 2	1°35	27°17	2°12	22°47	29°56	11°14	12°42	28° 5	18°18	W10
T 11	9 34 19	25°20'51	13°29	3°43	10°49	17°43	1°49	27°13	2°16	22°47	29°55	11°12	12°39	28°12	18°22	T 11
F 12	9 38 15	26°20'54	25°30	5°12	11°57	18°24	2° 2	27° 9	2°19	22°48	29°54	11° 8	12°36	28°18	18°25	F 12
S 13	9 42 12	27°20'54	7♋25	6°43	13° 5	19° 5	2°16	27° 5	2°22	22°48	29°52	11° 2	12°33	28°25	18°29	S 13
S 14	9 46 8	28°20'53	19°16	8°15	14°13	19°46	2°30	27° 1	2°25	22°49	29°51	10°55	12°30	28°32	18°32	S 14
M15	9 50 5	29°20'49	1♌ 8	9°48	15°22	20°27	2°43	26°58	2°28	22°49	29°50	10°47	12°26	28°38	18°35	M15
T 16	9 54 2	0♓20'43	13° 2	11°22	16°30	21° 9	2°57	26°54	2°32	22°50	29°48	10°39	12°23	28°45	18°39	T 16
W17	9 57 58	1°20'35	25° 0	12°58	17°39	21°50	3°10	26°50	2°35	22°50	29°47	10°31	12°20	28°52	18°42	W17
T 18	10 1 55	2°20'24	7♍ 3	14°34	18°47	22°30	3°24	26°47	2°38	22°51	29°45	10°26	12°17	28°59	18°46	T 18
F 19	10 5 51	3°20'12	19°14	16°12	19°56	23°11	3°37	26°43	2°41	22°52	29°44	10°22	12°14	29° 5	18°49	F 19
S 20	10 9 48	4°19'58	1♎33	17°51	21° 5	23°52	3°50	26°40	2°44	22°52	29°43	10°20	12°10	29°12	18°53	S 20
S 21	10 13 44	5°19'42	14° 3	19°31	22°14	24°33	4° 4	26°37	2°47	22°53	29°41	10°D19	12° 7	29°19	18°56	S 21
M22	10 17 41	6°19'24	26°44	21°12	23°23	25°14	4°17	26°34	2°50	22°54	29°40	10°20	12° 4	29°26	19° 0	M22
T 23	10 21 37	7°19'04	9♏41	22°55	24°33	25°55	4°30	26°30	2°53	22°55	29°38	10°22	12° 1	29°32	19° 3	T 23
W24	10 25 34	8°18'42	22°54	24°39	25°42	26°36	4°43	26°27	2°56	22°56	29°37	10°23	11°58	29°39	19° 7	W24
T 25	10 29 31	9°18'19	6♐25	26°24	26°51	27°17	4°56	26°24	2°59	22°56	29°35	10°R24	11°55	29°46	19°11	T 25
F 26	10 33 27	10°17'54	20°18	28°10	28° 1	27°57	5° 9	26°22	3° 2	22°57	29°33	10°24	11°51	29°52	19°14	F 26
S 27	10 37 24	11°17'27	4♑31	29°57	29°11	28°38	5°22	26°19	3° 5	22°58	29°32	10°22	11°48	29°59	19°18	S 27
S 28	10 41 20	12°16'59	19° 3	1♓46	0♒20	29°19	5°35	26°16	3° 8	22°59	29°30	10°19	11°45	0♌ 6	19°21	S 28
M29	10 45 17	13♓16'28	3♒49	3♓36	1♒30	29♈59	5♒48	26♋14	3♒11	23♉ 0	29♍29	10♈16	11♈42	0♌13	19♓25	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s21	26s 9	4s57	22s38	0s32	21s12	2n25	4n24	0n 6	20s57	0s33	21n32	0n50	20s30	0s35	16n57	1s42	16n 0	17n33	4n38	5n14	25n47	1s11	3n59
T 2	16 3	22 6	4 28	22 35	0 41	21 16	2 20	4 41	0 7	20 54	0 34	21 33	0 50	20 29	0 35	16 57	1 42	16 1	17 34	4 35	5 13	25 45	1 9	3 59
W 3	15 45	16 35	3 40	22 30	0 48	21 19	2 16	4 58	0 8	20 51	0 34	21 34	0 50	20 28	0 35	16 57	1 41	16 2	17 34	4 32	5 12	25 44	1 8	3 59
T 4	15 26	10 9	2 37	22 24	0 56	21 22	2 12	5 15	0 8	20 48	0 34	21 35	0 50	20 27	0 35	16 57	1 41	16 3	17 35	4 29	5 11	25 42	1 7	3 59
F 5	15 8	3 19	1 26	22 17	1 3	21 25	2 8	5 32	0 9	20 45	0 34	21 36	0 50	20 27	0 35	16 57	1 41	16 3	17 35	4 28	5 9	25 41	1 6	3 59
S 6	14 49	3n29	0 11	22 8	1 10	21 27	2 3	5 49	0 10	20 42	0 34	21 37	0 50	20 26	0 35	16 57	1 41	16 4	17 36	4 27	5 8	25 39	1 5	3 59
S 7	14 29	9 53	1n 2	21 58	1 16	21 28	1 59	6 6	0 11	20 39	0 34	21 38	0 51	20 25	0 35	16 58	1 41	16 5	17 36	4 28	5 7	25 38	1 4	3 59
M 8	14 10	15 39	2 10	21 46	1 23	21 29	1 55	6 23	0 11	20 36	0 34	21 39	0 51	20 24	0 35	16 58	1 41	16 6	17 36	4 28	5 6	25 36	1 3	3 58
T 9	13 50	20 33	3 8	21 34	1 28	21 29	1 50	6 39	0 12	20 33	0 34	21 40	0 51	20 24	0 35	16 58	1 41	16 7	17 37	4 28	5 4	25 34	1 1	3 58
W10	13 30	24 25	3 57	21 19	1 34	21 29	1 46	6 56	0 13	20 30	0 35	21 40	0 51	20 23	0 35	16 58	1 41	16 8	17 37	4 28	5 3	25 33	1 0	3 58
T 11	13 10	27 5	4 33	21 4	1 39	21 28	1 42	7 13	0 14	20 27	0 35	21 41	0 51	20 22	0 36	16 58	1 41	16 8	17 37	4 28	5 2	25 31	0 59	3 58
F 12	12 49	28 28	4 57	20 47	1 44	21 27	1 37	7 29	0 15	20 24	0 35	21 42	0 51	20 21	0 36	16 58	1 41	16 9	17 38	4 26	5 1	25 29	0 58	3 58
S 13	12 29	28 31	5 8	20 28	1 48	21 25	1 33	7 46	0 15	20 21	0 35	21 43	0 51	20 21	0 36	16 58	1 41	16 10	17 38	4 24	4 59	25 28	0 57	3 58
S 14	12 8	27 14	5 5	20 8	1 52	21 22	1 29	8 2	0 16	20 18	0 35	21 44	0 51	20 20	0 36	16 59	1 41	16 11	17 39	4 21	4 58	25 26	0 55	3 58
M15	11 47	24 45	4 49	19 47	1 56	21 19	1 24	8 18	0 17	20 15	0 35	21 45	0 51	20 19	0 36	16 59	1 41	16 12	17 39	4 18	4 57	25 24	0 54	3 57
T 16	11 26	21 11	4 21	19 24	1 59	21 15	1 20	8 34	0 17	20 12	0 35	21 45	0 51	20 19	0 36	16 59	1 41	16 13	17 39	4 15	4 56	25 23	0 53	3 57
W17	11 4	16 45	3 41	19 0	2 2	21 11	1 16	8 51	0 18	20 9	0 35	21 46	0 51	20 18	0 36	16 59	1 41	16 14	17 40	4 12	4 54	25 21	0 52	3 57
T 18	10 43	11 37	2 51	18 34	2 5	21 6	1 11	9 7	0 19	20 6	0 36	21 47	0 51	20 17	0 36	17 0	1 41	16 14	17 40	4 9	4 53	25 19	0 50	3 57
F 19	10 21	6 0	1 52	18 6	2 7	21 0	1 7	9 23	0 20	20 3	0 36	21 48	0 51	20 16	0 36	17 0	1 40	16 15	17 40	4 8	4 52	25 18	0 49	3 57
S 20	9 59	0 6	0 48	17 38	2 9	20 54	1 3	9 38	0 20	20 0	0 36	21 48	0 51	20 16	0 36	17 0	1 40	16 16	17 40	4 7	4 51	25 16	0 48	3 57
S 21	9 37	5s53	0s20	17 7	2 10	20 48	0 58	9 54	0 21	19 57	0 36	21 49	0 51	20 15	0 36	17 0	1 40	16 17	17 41	4 7	4 49	25 14	0 47	3 57
M22	9 15	11 45	1 28	16 35	2 11	20 40	0 54	10 10	0 22	19 54	0 36	21 50	0 51	20 14	0 36	17 0	1 40	16 18	17 41	4 7	4 48	25 13	0 45	3 57
T 23	8 53	17 14	2 33	16 2	2 11	20 33	0 50	10 25	0 22	19 51	0 36	21 50	0 51	20 14	0 36	17 1	1 40	16 19	17 41	4 8	4 47	25 11	0 44	3 57
W24	8 31	22 2	3 32	15 27	2 11	20 24	0 46	10 41	0 23	19 48	0 36	21 51	0 51	20 13	0 36	17 1	1 40	16 19	17 41	4 8	4 46	25 9	0 43	3 57
T 25	8 8	25 48	4 20	14 51	2 10	20 15	0 41	10 56	0 24	19 45	0 37	21 51	0 51	20 12	0 36	17 1	1 40	16 20	17 42	4 9	4 44	25 7	0 41	3 56
F 26	7 45	28 8	4 54	14 13	2 9	20 6	0 37	11 12	0 24	19 42	0 37	21 52	0 51	20 12	0 36	17 2	1 40	16 21	17 42	4 9	4 43	25 6	0 40	3 56
S 27	7 23	28 43	5 11	13 33	2 8	19 55	0 33	11 27	0 25	19 39	0 37	21 53	0 51	20 11	0 36	17 2	1 40	16 22	17 42	4 8	4 42	25 4	0 39	3 56
S 28	7 0	27 21	5 9	12 53	2 6	19 45	0 29	11 42	0 26	19 36	0 37	21 53	0 51	20 10	0 36	17 2	1 40	16 23	17 42	4 7	4 41	25 2	0 37	3 56
M29	6s37	24s 5	4s47	12s10	2s 3	19s33	0n25	11n57	0n26	19s33	0s37	21n54	0n51	20s10	0s36	17n 2	1s40	16n23	17n43	4n 5	4n39	25n 0	0s36	3n56

Julian Day Number = 1991373.5, Delta T = 54m50s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'23, Lahiri = 6°18'24 Julian Calendar 1 Feb. 740 == Greg. Calendar 5 Feb. 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

MARCH 740 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 49 13	14♓15'56	18♒43	5♓28	2♒40	0♉40	6♒ 1	26°R11	3♒14	23♉ 1	29°R27	10°R12	11♈39	0♌19	19♓29	T 1
W 2	10 53 10	15°15'21	3♓38	7°20	3°50	1°21	6°13	26♋ 9	3°17	23° 2	29♍26	10♈ 9	11°36	0°26	19°32	W 2
T 3	10 57 6	16°14'45	18°24	9°14	5° 0	2° 1	6°26	26° 6	3°20	23° 3	29°24	10° 6	11°32	0°33	19°36	T 3
F 4	11 1 3	17°14'06	2♈54	11° 9	6°10	2°42	6°38	26° 4	3°22	23° 5	29°22	10° 5	11°29	0°39	19°39	F 4
S 5	11 5 0	18°13'25	17° 3	13° 6	7°20	3°22	6°51	26° 2	3°25	23° 6	29°21	10°D 5	11°26	0°46	19°43	S 5
S 6	11 8 56	19°12'42	0♉47	15° 4	8°30	4° 3	7° 3	26° 0	3°28	23° 7	29°19	10° 6	11°23	0°53	19°47	S 6
M 7	11 12 53	20°11'56	14° 5	17° 2	9°40	4°43	7°16	25°58	3°30	23° 8	29°17	10° 7	11°20	1° 0	19°50	M 7
T 8	11 16 49	21°11'09	27° 0	19° 2	10°51	5°24	7°28	25°57	3°33	23° 9	29°16	10° 9	11°16	1° 6	19°54	T 8
W 9	11 20 46	22°10'19	9♊33	21° 4	12° 1	6° 4	7°40	25°55	3°36	23°11	29°14	10°10	11°13	1°13	19°57	W 9
T 10	11 24 42	23° 9'26	21°49	23° 6	13°11	6°44	7°52	25°53	3°38	23°12	29°12	10°R10	11°10	1°20	20° 1	T 10
F 11	11 28 39	24° 8'32	3♋53	25° 8	14°22	7°25	8° 4	25°52	3°41	23°13	29°11	10°10	11° 7	1°26	20° 5	F 11
S 12	11 32 35	25° 7'34	15°48	27°12	15°33	8° 5	8°16	25°51	3°43	23°15	29° 9	10° 9	11° 4	1°33	20° 8	S 12
S 13	11 36 32	26° 6'35	27°40	29°16	16°43	8°45	8°28	25°49	3°46	23°16	29° 7	10° 7	11° 1	1°40	20°12	S 13
M14	11 40 29	27° 5'33	9♌32	1♈21	17°54	9°26	8°40	25°48	3°48	23°17	29° 6	10° 5	10°57	1°47	20°15	M14
T 15	11 44 25	28° 4'29	21°28	3°26	19° 4	10° 6	8°52	25°47	3°50	23°19	29° 4	10° 4	10°54	1°53	20°19	T 15
W16	11 48 22	29° 3'22	3♍32	5°30	20°15	10°46	9° 3	25°46	3°53	23°20	29° 2	10° 2	10°51	2° 0	20°23	W16
T 17	11 52 18	0♈ 2'14	15°44	7°35	21°26	11°26	9°15	25°45	3°55	23°22	29° 1	10° 1	10°48	2° 7	20°26	T 17
F 18	11 56 15	1° 1'03	28° 8	9°38	22°37	12° 6	9°26	25°45	3°57	23°23	28°59	10° 0	10°45	2°13	20°30	F 18
S 19	12 0 11	1°59'50	10♎44	11°41	23°48	12°46	9°38	25°44	4° 0	23°25	28°57	10°D 0	10°41	2°20	20°33	S 19
S 20	12 4 8	2°58'35	23°33	13°42	24°59	13°27	9°49	25°44	4° 2	23°26	28°56	10° 0	10°38	2°27	20°37	S 20
M21	12 8 4	3°57'18	6♏35	15°42	26°10	14° 7	10° 0	25°43	4° 4	23°28	28°54	10° 0	10°35	2°34	20°40	M21
T 22	12 12 1	4°56'00	19°51	17°40	27°21	14°47	10°11	25°43	4° 6	23°29	28°52	10° 1	10°32	2°40	20°44	T 22
W23	12 15 57	5°54'39	3♐20	19°35	28°32	15°27	10°22	25°43	4° 8	23°31	28°51	10° 1	10°29	2°47	20°47	W23
T 24	12 19 54	6°53'17	17° 3	21°27	29°43	16° 7	10°33	25°D43	4°10	23°33	28°49	10° 2	10°26	2°54	20°51	T 24
F 25	12 23 51	7°51'53	0♑58	23°17	0♓54	16°46	10°44	25°43	4°12	23°34	28°47	10° 2	10°22	3° 0	20°54	F 25
S 26	12 27 47	8°50'28	15° 5	25° 3	2° 5	17°26	10°55	25°43	4°14	23°36	28°46	10°R 2	10°19	3° 7	20°58	S 26
S 27	12 31 44	9°49'01	29°22	26°46	3°16	18° 6	11° 5	25°43	4°16	23°38	28°44	10°D 2	10°16	3°14	21° 1	S 27
M28	12 35 40	10°47'32	13♒47	28°25	4°28	18°46	11°16	25°43	4°18	23°39	28°42	10° 2	10°13	3°21	21° 5	M28
T 29	12 39 37	11°46'01	28°15	29°59	5°39	19°26	11°26	25°44	4°20	23°41	28°41	10° 2	10°10	3°27	21° 8	T 29
W30	12 43 33	12°44'29	12♓41	1♉31	6°50	20° 6	11°36	25°45	4°22	23°43	28°39	10° 2	10° 7	3°34	21°12	W30
T 31	12 47 30	13♈42'54	27♓ 2	2♉57	8♓ 2	20♉46	11♒46	25♋45	4♒23	23♉45	28♍37	10♈ 2	10♈ 3	3♌41	21♓15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s14	19s12	4s 5	11s26	2s 0	19s22	0n21	12n12	0n27	19s30	0s37	21n54	0n51	20s 9	0s36	17n 3	1s40	16n24	17n43	4n 4	4n38	24n59	0s35	3n56
W 2	5 51	13 9	3 7	10 41	1 57	19 9	0 17	12 27	0 27	19 27	0 38	21 55	0 51	20 8	0 36	17 3	1 40	16 25	17 43	4 3	4 37	24 57	0 33	3 56
T 3	5 28	6 24	1 56	9 54	1 53	18 56	0 13	12 42	0 28	19 24	0 38	21 55	0 52	20 8	0 36	17 3	1 40	16 26	17 43	4 2	4 36	24 55	0 32	3 56
F 4	5 5	0n34	0 39	9 6	1 48	18 43	0 9	12 56	0 29	19 21	0 38	21 55	0 52	20 7	0 36	17 4	1 40	16 27	17 43	4 1	4 34	24 53	0 31	3 56
S 5	4 41	7 20	0n38	8 16	1 43	18 29	0 5	13 11	0 29	19 18	0 38	21 56	0 52	20 7	0 36	17 4	1 40	16 27	17 43	4 1	4 33	24 52	0 29	3 56
S 6	4 18	13 34	1 52	7 25	1 37	18 14	0 1	13 25	0 30	19 15	0 38	21 56	0 52	20 6	0 36	17 4	1 40	16 28	17 43	4 2	4 32	24 50	0 28	3 56
M 7	3 54	18 59	2 56	6 33	1 31	17 59	0s 2	13 40	0 30	19 12	0 38	21 57	0 52	20 5	0 36	17 5	1 39	16 29	17 44	4 2	4 31	24 48	0 26	3 56
T 8	3 31	23 21	3 50	5 40	1 24	17 44	0 6	13 54	0 31	19 9	0 38	21 57	0 52	20 5	0 36	17 5	1 39	16 30	17 44	4 3	4 29	24 46	0 25	3 56
W 9	3 8	26 31	4 32	4 45	1 17	17 28	0 10	14 8	0 32	19 6	0 39	21 57	0 52	20 4	0 36	17 6	1 39	16 31	17 44	4 3	4 28	24 44	0 24	3 56
T 10	2 44	28 20	5 0	3 49	1 9	17 11	0 13	14 22	0 32	19 3	0 39	21 58	0 52	20 4	0 36	17 6	1 39	16 31	17 44	4 3	4 27	24 43	0 22	3 56
F 11	2 21	28 46	5 14	2 53	1 1	16 54	0 17	14 36	0 33	19 0	0 39	21 58	0 52	20 3	0 36	17 6	1 39	16 32	17 44	4 3	4 26	24 41	0 21	3 56
S 12	1 57	27 51	5 14	1 55	0 52	16 37	0 20	14 50	0 33	18 57	0 39	21 58	0 52	20 2	0 36	17 7	1 39	16 33	17 44	4 3	4 24	24 39	0 20	3 56
S 13	1 33	25 41	5 1	0 57	0 43	16 19	0 24	15 3	0 34	18 54	0 39	21 58	0 52	20 2	0 36	17 7	1 39	16 33	17 44	4 2	4 23	24 37	0 18	3 55
M14	1 10	22 24	4 35	0n 2	0 33	16 0	0 27	15 17	0 34	18 51	0 39	21 59	0 52	20 1	0 36	17 7	1 39	16 34	17 44	4 1	4 22	24 35	0 17	3 55
T 15	0 46	18 11	3 57	1 1	0 23	15 41	0 31	15 30	0 35	18 48	0 40	21 59	0 52	20 1	0 36	17 8	1 39	16 35	17 44	4 1	4 21	24 33	0 15	3 55
W16	0 23	13 12	3 8	2 1	0 13	15 22	0 34	15 43	0 36	18 45	0 40	21 59	0 52	20 0	0 36	17 8	1 39	16 36	17 44	4 0	4 19	24 31	0 14	3 55
T 17	0n 1	7 40	2 10	3 0	0 2	15 2	0 37	15 56	0 36	18 42	0 40	21 59	0 52	20 0	0 36	17 9	1 39	16 36	17 44	4 0	4 18	24 30	0 13	3 55
F 18	0 24	1 45	1 5	3 59	0n 9	14 42	0 40	16 9	0 37	18 40	0 40	21 59	0 52	19 59	0 36	17 9	1 39	16 37	17 44	3 59	4 17	24 28	0 11	3 55
S 19	0 48	4s20	0s 4	4 58	0 21	14 22	0 43	16 22	0 37	18 37	0 40	21 59	0 52	19 59	0 36	17 10	1 39	16 38	17 44	3 59	4 16	24 26	0 10	3 55
S 20	1 11	10 21	1 14	5 56	0 32	14 1	0 46	16 35	0 38	18 34	0 41	22 0	0 52	19 58	0 36	17 10	1 39	16 38	17 44	3 59	4 14	24 24	0 8	3 55
M21	1 35	16 2	2 22	6 53	0 43	13 39	0 49	16 47	0 38	18 31	0 41	22 0	0 52	19 58	0 36	17 10	1 39	16 39	17 44	3 59	4 13	24 22	0 7	3 55
T 22	1 58	21 5	3 23	7 49	0 55	13 17	0 52	17 0	0 39	18 28	0 41	22 0	0 52	19 57	0 36	17 11	1 39	16 40	17 44	4 0	4 12	24 20	0 6	3 55
W23	2 22	25 8	4 14	8 44	1 6	12 55	0 55	17 12	0 39	18 25	0 41	22 0	0 52	19 57	0 37	17 11	1 39	16 40	17 44	4 0	4 11	24 18	0 4	3 55
T 24	2 45	27 49	4 52	9 37	1 17	12 33	0 57	17 24	0 40	18 23	0 41	22 0	0 52	19 56	0 37	17 12	1 39	16 41	17 44	4 0	4 9	24 16	0 3	3 55
F 25	3 8	28 49	5 13	10 28	1 28	12 10	1 0	17 36	0 40	18 20	0 42	22 0	0 52	19 56	0 37	17 12	1 39	16 41	17 44	4 0	4 8	24 14	0 2	3 55
S 26	3 32	27 58	5 16	11 17	1 38	11 47	1 3	17 48	0 41	18 17	0 42	22 0	0 52	19 55	0 37	17 13	1 39	16 42	17 44	4 0	4 7	24 12	0 0	3 55
S 27	3 55	25 18	4 59	12 4	1 48	11 23	1 5	18 0	0 41	18 14	0 42	22 0	0 52	19 55	0 37	17 13	1 38	16 43	17 44	4 0	4 6	24 10	0n 1	3 55
M28	4 18	21 0	4 24	12 49	1 57	10 59	1 8	18 12	0 42	18 12	0 42	22 0	0 52	19 55	0 37	17 14	1 38	16 43	17 44	4 0	4 4	24 9	0 3	3 55
T 29	4 41	15 28	3 32	13 31	2 6	10 35	1 10	18 23	0 42	18 9	0 42	22 0	0 52	19 54	0 37	17 14	1 38	16 44	17 44	4 0	4 3	24 7	0 4	3 55
W30	5 4	9 5	2 26	14 11	2 14	10 11	1 12	18 34	0 43	18 6	0 43	21 59	0 52	19 54	0 37	17 15	1 38	16 44	17 43	4 0	4 2	24 5	0 5	3 55
T 31	5n27	2s17	1s11	14n48	2n22	9s46	1s14	18n45	0n43	18s 4	0s43	21n59	0n52	19s53	0s37	17n15	1s38	16n45	17n43	4n 0	4n 1	24n 3	0n 7	3n55

Julian Day Number = 1991402.5, Delta T = 54m50s
Ecliptic obliquity = 23°36'17, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'27, Lahiri = 6°18'28 Julian Calendar 1 March 740 == Greg. Calendar 5 March 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

APRIL 740 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 51 26	14♈41'18	11♈12	4♉19	9♓13	21♉25	11♒57	25♋46	4♒25	23♉47	28°R36	10°R 3	10♈ 0	3♎47	21♓18	F 1
S 2	12 55 23	15°39'40	25° 6	5°36	10°25	22° 5	12° 6	25°47	4°27	23°48	28♍34	10♈ 2	9°57	3°54	21°22	S 2
S 3	12 59 20	16°38'01	8♉42	6°48	11°36	22°45	12°16	25°48	4°28	23°50	28°33	10° 2	9°54	4° 1	21°25	S 3
M 4	13 3 16	17°36'19	21°57	7°56	12°48	23°24	12°26	25°49	4°30	23°52	28°31	10° 1	9°51	4° 7	21°29	M 4
T 5	13 7 13	18°34'35	4♊52	8°59	13°59	24° 4	12°36	25°50	4°31	23°54	28°29	10° 0	9°47	4°14	21°32	T 5
W 6	13 11 9	19°32'49	17°28	9°56	15°11	24°44	12°45	25°52	4°33	23°56	28°28	9°59	9°44	4°21	21°35	W 6
T 7	13 15 6	20°31'02	29°46	10°49	16°22	25°23	12°54	25°53	4°34	23°58	28°26	9°58	9°41	4°28	21°38	T 7
F 8	13 19 2	21°29'12	11♋52	11°36	17°34	26° 3	13° 4	25°55	4°36	24° 0	28°25	9°57	9°38	4°34	21°42	F 8
S 9	13 22 59	22°27'20	23°49	12°18	18°46	26°42	13°13	25°56	4°37	24° 2	28°23	9°D57	9°35	4°41	21°45	S 9
S 10	13 26 55	23°25'26	5♌42	12°55	19°57	27°22	13°22	25°58	4°38	24° 4	28°22	9°57	9°32	4°48	21°48	S 10
M11	13 30 52	24°23'30	17°35	13°27	21° 9	28° 1	13°31	26° 0	4°39	24° 6	28°20	9°58	9°28	4°54	21°51	M11
T 12	13 34 49	25°21'32	29°33	13°53	22°21	28°41	13°39	26° 2	4°41	24° 8	28°19	9°59	9°25	5° 1	21°54	T 12
W13	13 38 45	26°19'32	11♍40	14°14	23°32	29°20	13°48	26° 4	4°42	24°10	28°17	10° 1	9°22	5° 8	21°57	W13
T 14	13 42 42	27°17'30	23°59	14°30	24°44	29°59	13°56	26° 6	4°43	24°12	28°16	10° 2	9°19	5°15	22° 1	T 14
F 15	13 46 38	28°15'27	6♎34	14°40	25°56	0♊39	14° 5	26° 8	4°44	24°14	28°15	10°R 3	9°16	5°21	22° 4	F 15
S 16	13 50 35	29°13'21	19°27	14°45	27° 8	1°18	14°13	26°11	4°45	24°16	28°13	10° 2	9°13	5°28	22° 7	S 16
S 17	13 54 31	0♉11'14	2♏37	14°R45	28°20	1°58	14°21	26°13	4°46	24°18	28°12	10° 1	9° 9	5°35	22°10	S 17
M18	13 58 28	1° 9'06	16° 3	14°41	29°31	2°37	14°29	26°16	4°47	24°20	28°10	9°59	9° 6	5°41	22°13	M18
T 19	14 2 24	2° 6'56	29°46	14°31	0♈43	3°16	14°37	26°18	4°48	24°22	28° 9	9°56	9° 3	5°48	22°16	T 19
W20	14 6 21	3° 4'45	13♐40	14°17	1°55	3°56	14°44	26°21	4°48	24°24	28° 8	9°53	9° 0	5°55	22°19	W20
T 21	14 10 18	4° 2'32	27°44	13°59	3° 7	4°35	14°52	26°24	4°49	24°26	28° 7	9°50	8°57	6° 2	22°21	T 21
F 22	14 14 14	5° 0'18	11♑54	13°37	4°19	5°14	14°59	26°27	4°50	24°29	28° 5	9°47	8°53	6° 8	22°24	F 22
S 23	14 18 11	5°58'03	26° 7	13°12	5°31	5°53	15° 7	26°30	4°51	24°31	28° 4	9°46	8°50	6°15	22°27	S 23
S 24	14 22 7	6°55'47	10♒20	12°43	6°43	6°32	15°14	26°33	4°51	24°33	28° 3	9°D46	8°47	6°22	22°30	S 24
M25	14 26 4	7°53'30	24°31	12°13	7°55	7°12	15°21	26°36	4°52	24°35	28° 2	9°46	8°44	6°28	22°33	M25
T 26	14 30 0	8°51'11	8♓38	11°40	9° 7	7°51	15°27	26°40	4°52	24°37	28° 0	9°48	8°41	6°35	22°35	T 26
W27	14 33 57	9°48'51	22°39	11° 6	10°19	8°30	15°34	26°43	4°53	24°39	27°59	9°49	8°38	6°42	22°38	W27
T 28	14 37 53	10°46'31	6♈32	10°32	11°31	9° 9	15°40	26°47	4°53	24°42	27°58	9°R50	8°34	6°49	22°41	T 28
F 29	14 41 50	11°44'09	20°16	9°57	12°44	9°48	15°47	26°50	4°54	24°44	27°57	9°50	8°31	6°55	22°43	F 29
S 30	14 45 47	12♉41'46	3♉47	9♉23	13♈56	10♊27	15♒53	26♋54	4♒54	24♉46	27♍56	9♈48	8♈28	7♌ 2	22♓46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n50	4n34	0n 6	15n22	2n28	9s21	1s17	18n56	0n43	18s 1	0s43	21n59	0n52	19s53	0s37	17n16	1s38	16n45	17n43	4n 0	3n59	24n 1	0n 8	3n56
S 2	6 12	11 4	1 23	15 54	2 34	8 56	1 19	19 7	0 44	17 58	0 43	21 59	0 52	19 53	0 37	17 16	1 38	16 46	17 43	4 0	3 58	23 59	0 9	3 56
S 3	6 35	16 54	2 32	16 23	2 39	8 30	1 21	19 18	0 44	17 56	0 43	21 59	0 52	19 52	0 37	17 17	1 38	16 46	17 43	4 0	3 57	23 57	0 11	3 56
M 4	6 57	21 47	3 32	16 49	2 43	8 4	1 22	19 29	0 45	17 53	0 44	21 59	0 52	19 52	0 37	17 17	1 38	16 47	17 43	4 0	3 56	23 55	0 12	3 56
T 5	7 20	25 30	4 19	17 13	2 47	7 38	1 24	19 39	0 45	17 51	0 44	21 58	0 52	19 52	0 37	17 18	1 38	16 47	17 43	3 59	3 54	23 53	0 14	3 56
W 6	7 42	27 51	4 52	17 34	2 49	7 12	1 26	19 49	0 46	17 48	0 44	21 58	0 52	19 51	0 37	17 18	1 38	16 48	17 42	3 59	3 53	23 51	0 15	3 56
T 7	8 4	28 48	5 11	17 52	2 50	6 45	1 28	19 59	0 46	17 46	0 44	21 58	0 52	19 51	0 37	17 19	1 38	16 48	17 42	3 58	3 52	23 49	0 16	3 56
F 8	8 26	28 19	5 16	18 7	2 50	6 19	1 29	20 9	0 46	17 43	0 44	21 57	0 52	19 51	0 37	17 19	1 38	16 48	17 42	3 58	3 51	23 47	0 18	3 56
S 9	8 48	26 32	5 7	18 19	2 49	5 52	1 31	20 19	0 47	17 41	0 45	21 57	0 52	19 50	0 37	17 20	1 38	16 49	17 42	3 58	3 49	23 45	0 19	3 56
S 10	9 10	23 35	4 45	18 28	2 47	5 25	1 32	20 28	0 47	17 38	0 45	21 57	0 52	19 50	0 37	17 20	1 38	16 49	17 41	3 58	3 48	23 43	0 20	3 56
M11	9 31	19 39	4 11	18 35	2 44	4 58	1 33	20 38	0 48	17 36	0 45	21 56	0 52	19 50	0 37	17 21	1 38	16 50	17 41	3 59	3 47	23 41	0 21	3 56
T 12	9 52	14 55	3 25	18 39	2 40	4 30	1 35	20 47	0 48	17 34	0 45	21 56	0 52	19 50	0 37	17 21	1 38	16 50	17 41	3 59	3 45	23 39	0 23	3 56
W13	10 14	9 33	2 30	18 40	2 34	4 3	1 36	20 56	0 48	17 31	0 46	21 56	0 52	19 49	0 37	17 22	1 38	16 50	17 41	4 0	3 44	23 36	0 24	3 56
T 14	10 35	3 44	1 27	18 39	2 27	3 35	1 37	21 5	0 49	17 29	0 46	21 55	0 52	19 49	0 37	17 22	1 38	16 51	17 40	4 0	3 43	23 34	0 25	3 56
F 15	10 56	2s20	0 19	18 34	2 20	3 7	1 38	21 14	0 49	17 27	0 46	21 55	0 52	19 49	0 37	17 23	1 38	16 51	17 40	4 0	3 42	23 32	0 27	3 56
S 16	11 16	8 27	0s52	18 27	2 11	2 39	1 39	21 22	0 50	17 25	0 46	21 54	0 52	19 49	0 37	17 23	1 38	16 51	17 40	4 0	3 40	23 30	0 28	3 56
S 17	11 37	14 21	2 1	18 17	2 0	2 11	1 40	21 31	0 50	17 23	0 46	21 54	0 52	19 49	0 37	17 24	1 38	16 51	17 40	4 0	3 39	23 28	0 29	3 56
M18	11 57	19 43	3 5	18 5	1 49	1 43	1 40	21 39	0 50	17 21	0 47	21 53	0 52	19 48	0 37	17 24	1 38	16 52	17 39	3 59	3 38	23 26	0 30	3 56
T 19	12 17	24 9	4 0	17 51	1 37	1 15	1 41	21 47	0 51	17 19	0 47	21 53	0 52	19 48	0 37	17 25	1 38	16 52	17 39	3 58	3 37	23 24	0 32	3 57
W20	12 37	27 15	4 42	17 34	1 23	0 47	1 42	21 55	0 51	17 17	0 47	21 52	0 52	19 48	0 37	17 25	1 38	16 52	17 39	3 56	3 35	23 22	0 33	3 57
T 21	12 57	28 42	5 7	17 15	1 9	0 19	1 42	22 3	0 51	17 15	0 47	21 52	0 52	19 48	0 38	17 26	1 38	16 52	17 38	3 55	3 34	23 20	0 34	3 57
F 22	13 17	28 16	5 13	16 54	0 54	0n10	1 43	22 10	0 52	17 13	0 48	21 51	0 52	19 48	0 38	17 27	1 38	16 53	17 38	3 54	3 33	23 18	0 35	3 57
S 23	13 36	26 0	5 1	16 31	0 38	0 38	1 43	22 18	0 52	17 11	0 48	21 51	0 52	19 48	0 38	17 27	1 38	16 53	17 38	3 54	3 32	23 16	0 37	3 57
S 24	13 55	22 6	4 30	16 7	0 22	1 6	1 43	22 25	0 53	17 9	0 48	21 50	0 52	19 48	0 38	17 28	1 38	16 53	17 37	3 54	3 30	23 13	0 38	3 57
M25	14 14	16 56	3 43	15 41	0 5	1 35	1 43	22 32	0 53	17 7	0 48	21 49	0 52	19 47	0 38	17 28	1 38	16 53	17 37	3 54	3 29	23 11	0 39	3 57
T 26	14 33	10 54	2 43	15 15	0s12	2 3	1 43	22 39	0 53	17 5	0 49	21 49	0 52	19 47	0 38	17 29	1 37	16 53	17 37	3 54	3 28	23 9	0 40	3 57
W27	14 51	4 21	1 33	14 48	0 30	2 32	1 44	22 45	0 54	17 3	0 49	21 48	0 52	19 47	0 38	17 29	1 37	16 53	17 36	3 55	3 27	23 7	0 41	3 57
T 28	15 10	2n20	0 18	14 20	0 47	3 0	1 43	22 52	0 54	17 2	0 49	21 48	0 52	19 47	0 38	17 30	1 37	16 53	17 36	3 55	3 25	23 5	0 42	3 57
F 29	15 28	8 51	0n57	13 53	1 4	3 29	1 43	22 58	0 54	17 0	0 49	21 47	0 52	19 47	0 38	17 30	1 37	16 54	17 35	3 55	3 24	23 3	0 44	3 58
S 30	15n45	14n51	2n 7	13n26	1s21	3n57	1s43	23n 4	0n55	16s58	0s50	21n46	0n52	19s47	0s38	17n31	1s37	16n54	17n35	3n54	3n23	23n 1	0n45	3n58

Julian Day Number = 1991433.5, Delta T = 54m49s
Ecliptic obliquity = 23°36'17, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'31, Lahiri = 6°18'32 Julian Calendar 1 Apr. 740 == Greg. Calendar 5 Apr. 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

MAY 740 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 49 43	13♉39'21	17♉ 5	8°R50	15♈ 8	11♊ 6	15♒59	26♋58	4♒54	24♉48	27°R55	9°R44	8♈25	7♌ 9	22♓49	S 1
M 2	14 53 40	14°36'56	0♊ 8	8♉19	16°20	11°45	16° 5	27° 1	4°54	24°50	27♍54	9♈39	8°22	7°15	22°51	M 2
T 3	14 57 36	15°34'29	12°54	7°50	17°32	12°24	16°10	27° 5	4°55	24°53	27°53	9°33	8°18	7°22	22°54	T 3
W 4	15 1 33	16°32'01	25°25	7°23	18°44	13° 3	16°16	27° 9	4°55	24°55	27°52	9°27	8°15	7°29	22°56	W 4
T 5	15 5 29	17°29'32	7♋42	7° 0	19°57	13°42	16°21	27°14	4°55	24°57	27°51	9°21	8°12	7°35	22°58	T 5
F 6	15 9 26	18°27'01	19°47	6°40	21° 9	14°21	16°26	27°18	4°R55	24°59	27°50	9°16	8° 9	7°42	23° 1	F 6
S 7	15 13 22	19°24'29	1♌44	6°23	22°21	15° 0	16°31	27°22	4°55	25° 1	27°49	9°13	8° 6	7°49	23° 3	S 7
S 8	15 17 19	20°21'56	13°36	6°11	23°34	15°39	16°36	27°26	4°55	25° 4	27°48	9°11	8° 3	7°56	23° 5	S 8
M 9	15 21 16	21°19'21	25°28	6° 2	24°46	16°18	16°41	27°31	4°55	25° 6	27°47	9°D11	7°59	8° 2	23° 8	M 9
T 10	15 25 12	22°16'45	7♍26	5°D59	25°58	16°56	16°45	27°35	4°54	25° 8	27°47	9°12	7°56	8° 9	23°10	T 10
W11	15 29 9	23°14'08	19°34	5°59	27°10	17°35	16°50	27°40	4°54	25°10	27°46	9°13	7°53	8°16	23°12	W11
T 12	15 33 5	24°11'29	1♎57	6° 4	28°23	18°14	16°54	27°45	4°54	25°13	27°45	9°15	7°50	8°22	23°14	T 12
F 13	15 37 2	25° 8'49	14°38	6°13	29°35	18°53	16°58	27°49	4°54	25°15	27°44	9°R15	7°47	8°29	23°16	F 13
S 14	15 40 58	26° 6'09	27°42	6°27	0♏48	19°32	17° 2	27°54	4°53	25°17	27°44	9°13	7°44	8°36	23°18	S 14
S 15	15 44 55	27° 3'27	11♏ 8	6°46	2° 0	20°10	17° 5	27°59	4°53	25°19	27°43	9° 9	7°40	8°42	23°20	S 15
M16	15 48 51	28° 0'45	24°57	7° 8	3°12	20°49	17° 9	28° 4	4°52	25°22	27°42	9° 4	7°37	8°49	23°22	M16
T 17	15 52 48	28°58'01	9♐ 5	7°36	4°25	21°28	17°12	28° 9	4°52	25°24	27°42	8°57	7°34	8°56	23°24	T 17
W18	15 56 45	29°55'17	23°28	8° 7	5°37	22° 6	17°15	28°14	4°51	25°26	27°41	8°49	7°31	9° 3	23°26	W18
T 19	16 0 41	0♑52'33	7♑59	8°43	6°50	22°45	17°18	28°20	4°51	25°28	27°41	8°41	7°28	9° 9	23°28	T 19
F 20	16 4 38	1°49'48	22°31	9°23	8° 2	23°24	17°21	28°25	4°50	25°31	27°40	8°35	7°24	9°16	23°30	F 20
S 21	16 8 34	2°47'02	7♒ 0	10° 7	9°15	24° 2	17°23	28°30	4°49	25°33	27°40	8°30	7°21	9°23	23°31	S 21
S 22	16 12 31	3°44'16	21°20	10°54	10°28	24°41	17°26	28°36	4°49	25°35	27°39	8°28	7°18	9°29	23°33	S 22
M23	16 16 27	4°41'30	5♓29	11°46	11°40	25°20	17°28	28°41	4°48	25°37	27°39	8°D27	7°15	9°36	23°35	M23
T 24	16 20 24	5°38'43	19°26	12°42	12°53	25°58	17°30	28°47	4°47	25°39	27°39	8°28	7°12	9°43	23°36	T 24
W25	16 24 20	6°35'57	3♈ 9	13°41	14° 5	26°37	17°31	28°52	4°46	25°42	27°38	8°R28	7° 9	9°50	23°38	W25
T 26	16 28 17	7°33'10	16°41	14°44	15°18	27°15	17°33	28°58	4°45	25°44	27°38	8°28	7° 5	9°56	23°39	T 26
F 27	16 32 14	8°30'22	0♉ 1	15°51	16°31	27°54	17°34	29° 4	4°44	25°46	27°38	8°26	7° 2	10° 3	23°41	F 27
S 28	16 36 10	9°27'35	13° 9	17° 1	17°43	28°32	17°36	29°10	4°43	25°48	27°37	8°22	6°59	10°10	23°42	S 28
S 29	16 40 7	10°24'47	26° 5	18°15	18°56	29°11	17°37	29°15	4°42	25°50	27°37	8°15	6°56	10°16	23°43	S 29
M30	16 44 3	11°21'59	8♊50	19°32	20° 9	29°50	17°37	29°21	4°41	25°53	27°37	8° 5	6°53	10°23	23°45	M30
T 31	16 48 0	12♊19'10	21♊23	20♉53	21♉22	0♋28	17♒38	29♋27	4♒40	25♉55	27♍37	7♈54	6♈50	10♌30	23♓46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n 3	20n 4	3n 9	13n 0	1s37	4n25	1s43	23n10	0n55	16s57	0s50	21n45	0n52	19s47	0s38	17n32	1s37	16n54	17n35	3n53	3n22	22n58	0n46	3n58
M 2	16 20	24 13	4 0	12 35	1 53	4 53	1 43	23 16	0 55	16 55	0 50	21 45	0 52	19 47	0 38	17 32	1 37	16 54	17 34	3 51	3 20	22 56	0 47	3 58
T 3	16 37	27 5	4 38	12 12	2 8	5 21	1 42	23 21	0 55	16 54	0 50	21 44	0 52	19 47	0 38	17 33	1 37	16 54	17 34	3 49	3 19	22 54	0 48	3 58
W 4	16 54	28 32	5 1	11 50	2 23	5 50	1 42	23 27	0 56	16 53	0 51	21 43	0 52	19 47	0 38	17 33	1 37	16 54	17 33	3 46	3 18	22 52	0 49	3 58
T 5	17 10	28 32	5 10	11 29	2 36	6 17	1 41	23 32	0 56	16 51	0 51	21 42	0 52	19 47	0 38	17 34	1 37	16 54	17 33	3 44	3 16	22 50	0 50	3 58
F 6	17 26	27 10	5 5	11 11	2 48	6 45	1 41	23 37	0 56	16 50	0 51	21 41	0 52	19 47	0 38	17 34	1 37	16 54	17 33	3 42	3 15	22 48	0 51	3 58
S 7	17 42	24 34	4 47	10 55	2 59	7 13	1 40	23 42	0 57	16 49	0 51	21 41	0 52	19 47	0 38	17 35	1 37	16 54	17 32	3 41	3 14	22 45	0 52	3 58
S 8	17 58	20 57	4 16	10 42	3 9	7 41	1 39	23 46	0 57	16 47	0 52	21 40	0 52	19 47	0 38	17 35	1 37	16 54	17 32	3 40	3 13	22 43	0 53	3 59
M 9	18 13	16 29	3 35	10 30	3 18	8 8	1 38	23 51	0 57	16 46	0 52	21 39	0 52	19 47	0 38	17 36	1 37	16 53	17 31	3 40	3 11	22 41	0 54	3 59
T 10	18 28	11 22	2 44	10 22	3 26	8 35	1 37	23 55	0 58	16 45	0 52	21 38	0 52	19 47	0 38	17 36	1 37	16 53	17 31	3 40	3 10	22 39	0 55	3 59
W11	18 43	5 46	1 45	10 15	3 33	9 2	1 36	23 59	0 58	16 44	0 53	21 37	0 52	19 47	0 38	17 37	1 37	16 53	17 30	3 41	3 9	22 37	0 56	3 59
T 12	18 57	0s11	0 39	10 12	3 39	9 29	1 35	24 3	0 58	16 43	0 53	21 36	0 52	19 47	0 38	17 38	1 37	16 53	17 30	3 41	3 8	22 34	0 57	3 59
F 13	19 11	6 15	0s29	10 11	3 43	9 56	1 34	24 6	0 58	16 42	0 53	21 35	0 52	19 48	0 38	17 38	1 37	16 53	17 29	3 41	3 6	22 32	0 58	3 59
S 14	19 25	12 15	1 38	10 12	3 46	10 23	1 33	24 10	0 59	16 41	0 53	21 34	0 52	19 48	0 38	17 39	1 37	16 53	17 29	3 41	3 5	22 30	0 59	3 59
S 15	19 38	17 51	2 43	10 16	3 49	10 49	1 32	24 13	0 59	16 40	0 54	21 33	0 52	19 48	0 38	17 39	1 37	16 53	17 28	3 39	3 4	22 28	1 0	4 0
M16	19 51	22 42	3 41	10 22	3 50	11 15	1 31	24 16	0 59	16 40	0 54	21 32	0 52	19 48	0 38	17 40	1 37	16 52	17 28	3 37	3 3	22 25	1 1	4 0
T 17	20 4	26 21	4 26	10 31	3 50	11 41	1 29	24 19	0 59	16 39	0 54	21 31	0 52	19 48	0 38	17 40	1 37	16 52	17 27	3 34	3 1	22 23	1 2	4 0
W18	20 16	28 21	4 55	10 42	3 49	12 6	1 28	24 22	1 0	16 38	0 54	21 30	0 52	19 48	0 39	17 41	1 37	16 52	17 27	3 31	3 0	22 21	1 3	4 0
T 19	20 28	28 27	5 6	10 55	3 48	12 32	1 26	24 24	1 0	16 38	0 55	21 29	0 52	19 49	0 39	17 41	1 37	16 52	17 26	3 28	2 59	22 19	1 3	4 0
F 20	20 40	26 35	4 57	11 10	3 45	12 57	1 25	24 26	1 0	16 37	0 55	21 28	0 52	19 49	0 39	17 42	1 37	16 51	17 26	3 26	2 58	22 16	1 4	4 0
S 21	20 52	22 59	4 29	11 26	3 42	13 22	1 23	24 28	1 0	16 36	0 55	21 27	0 52	19 49	0 39	17 42	1 37	16 51	17 25	3 24	2 56	22 14	1 5	4 0
S 22	21 3	18 2	3 45	11 45	3 38	13 46	1 22	24 30	1 1	16 36	0 56	21 26	0 52	19 49	0 39	17 43	1 37	16 51	17 25	3 23	2 55	22 12	1 6	4 1
M23	21 13	12 9	2 47	12 6	3 33	14 10	1 20	24 32	1 1	16 36	0 56	21 25	0 52	19 49	0 39	17 43	1 37	16 51	17 24	3 22	2 54	22 9	1 7	4 1
T 24	21 24	5 45	1 40	12 28	3 27	14 34	1 18	24 34	1 1	16 35	0 56	21 24	0 52	19 50	0 39	17 44	1 37	16 50	17 24	3 23	2 53	22 7	1 8	4 1
W25	21 34	0n50	0 28	12 52	3 21	14 58	1 17	24 35	1 1	16 35	0 56	21 22	0 52	19 50	0 39	17 44	1 37	16 50	17 23	3 23	2 51	22 5	1 8	4 1
T 26	21 43	7 16	0n44	13 17	3 14	15 21	1 15	24 36	1 2	16 35	0 57	21 21	0 52	19 50	0 39	17 45	1 37	16 50	17 23	3 23	2 50	22 2	1 9	4 1
F 27	21 52	13 18	1 52	13 44	3 6	15 43	1 13	24 37	1 2	16 35	0 57	21 20	0 52	19 50	0 39	17 46	1 37	16 49	17 22	3 22	2 49	22 0	1 10	4 1
S 28	22 1	18 39	2 54	14 12	2 58	16 6	1 11	24 38	1 2	16 35	0 57	21 19	0 52	19 51	0 39	17 46	1 37	16 49	17 22	3 20	2 47	21 58	1 10	4 1
S 29	22 10	23 3	3 45	14 40	2 49	16 28	1 9	24 38	1 2	16 34	0 58	21 18	0 52	19 51	0 39	17 47	1 37	16 48	17 21	3 18	2 46	21 55	1 11	4 2
M30	22 18	26 17	4 24	15 10	2 40	16 50	1 7	24 39	1 2	16 35	0 58	21 16	0 52	19 51	0 39	17 47	1 37	16 48	17 21	3 14	2 45	21 53	1 12	4 2
T 31	22n26	28n 9	4n50	15n41	2s30	17n11	1s 5	24n39	1n 3	16s35	0s58	21n15	0n52	19s51	0s39	17n48	1s37	16n48	17n20	3n 9	2n44	21n51	1n12	4n 2

Julian Day Number = 1991463.5, Delta T = 54m48s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'35, Lahiri = 6°18'36 Julian Calendar 1 May 740 == Greg. Calendar 5 May 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

JUNE 740 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 51 56	13♊16'22	3♋45	22♉17	22♉34	1♋ 7	17♒39	29♋33	4°R39	25♉57	27°R37	7°R43	6♈46	10♌36	23♓47	W 1
T 2	16 55 53	14°13'33	15°55	23°44	23°47	1°45	17°39	29°40	4♒38	25°59	27♍37	7♈32	6°43	10°43	23°48	T 2
F 3	16 59 50	15°10'43	27°56	25°15	25° 0	2°23	17°R39	29°46	4°36	26° 1	27°37	7°22	6°40	10°50	23°49	F 3
S 4	17 3 46	16° 7'53	9♌50	26°49	26°13	3° 2	17°39	29°52	4°35	26° 3	27°D37	7°14	6°37	10°57	23°50	S 4
S 5	17 7 43	17° 5'03	21°40	28°26	27°26	3°40	17°38	29°58	4°34	26° 6	27°37	7° 9	6°34	11° 3	23°51	S 5
M 6	17 11 39	18° 2'12	3♍30	0♊ 6	28°39	4°19	17°38	0♌ 5	4°32	26° 8	27°37	7° 6	6°30	11°10	23°52	M 6
T 7	17 15 36	18°59'21	15°26	1°50	29°52	4°57	17°37	0°11	4°31	26°10	27°37	7°D 5	6°27	11°17	23°53	T 7
W 8	17 19 32	19°56'29	27°32	3°36	1♊ 4	5°36	17°36	0°17	4°29	26°12	27°37	7° 5	6°24	11°23	23°54	W 8
T 9	17 23 29	20°53'37	9♎54	5°26	2°17	6°14	17°35	0°24	4°28	26°14	27°37	7°R 5	6°21	11°30	23°55	T 9
F 10	17 27 25	21°50'45	22°37	7°18	3°30	6°52	17°34	0°30	4°26	26°16	27°37	7° 4	6°18	11°37	23°56	F 10
S 11	17 31 22	22°47'53	5♏44	9°13	4°43	7°31	17°32	0°37	4°25	26°18	27°37	7° 1	6°15	11°43	23°56	S 11
S 12	17 35 19	23°45'00	19°19	11°11	5°56	8° 9	17°31	0°44	4°23	26°20	27°38	6°56	6°11	11°50	23°57	S 12
M13	17 39 15	24°42'08	3♐20	13°11	7° 9	8°47	17°29	0°50	4°22	26°22	27°38	6°49	6° 8	11°57	23°57	M13
T 14	17 43 12	25°39'16	17°46	15°13	8°22	9°26	17°27	0°57	4°20	26°24	27°38	6°39	6° 5	12° 4	23°58	T 14
W15	17 47 8	26°36'23	2♑31	17°16	9°36	10° 4	17°24	1° 4	4°18	26°26	27°39	6°28	6° 2	12°10	23°58	W15
T 16	17 51 5	27°33'31	17°27	19°22	10°49	10°42	17°22	1°10	4°17	26°28	27°39	6°17	5°59	12°17	23°59	T 16
F 17	17 55 1	28°30'39	2♒23	21°29	12° 2	11°21	17°19	1°17	4°15	26°30	27°39	6° 8	5°56	12°24	23°59	F 17
S 18	17 58 58	29°27'48	17°13	23°36	13°15	11°59	17°16	1°24	4°13	26°32	27°40	6° 1	5°52	12°30	24° 0	S 18
S 19	18 2 54	0♋24'57	1♓48	25°45	14°28	12°37	17°13	1°31	4°11	26°34	27°40	5°57	5°49	12°37	24° 0	S 19
M20	18 6 51	1°22'07	16° 5	27°54	15°41	13°16	17°10	1°38	4° 9	26°36	27°41	5°55	5°46	12°44	24° 0	M20
T 21	18 10 48	2°19'17	0♈ 3	0♋ 3	16°55	13°54	17° 7	1°45	4° 7	26°38	27°41	5°54	5°43	12°50	24° 0	T 21
W22	18 14 44	3°16'28	13°40	2°12	18° 8	14°32	17° 3	1°52	4° 5	26°40	27°42	5°54	5°40	12°57	24° 0	W22
T 23	18 18 41	4°13'39	27° 0	4°21	19°21	15°10	17° 0	1°59	4° 3	26°42	27°43	5°53	5°36	13° 4	24° 0	T 23
F 24	18 22 37	5°10'52	10♉ 4	6°29	20°35	15°49	16°56	2° 6	4° 2	26°44	27°43	5°51	5°33	13°10	24°R 0	F 24
S 25	18 26 34	6° 8'05	22°54	8°36	21°48	16°27	16°52	2°13	3°59	26°45	27°44	5°45	5°30	13°17	24° 0	S 25
S 26	18 30 30	7° 5'19	5♊33	10°42	23° 1	17° 5	16°47	2°21	3°57	26°47	27°45	5°37	5°27	13°24	24° 0	S 26
M27	18 34 27	8° 2'33	18° 1	12°47	24°15	17°43	16°43	2°28	3°55	26°49	27°46	5°26	5°24	13°31	24° 0	M27
T 28	18 38 24	8°59'49	0♋19	14°50	25°28	18°22	16°38	2°35	3°53	26°51	27°46	5°13	5°21	13°37	24° 0	T 28
W29	18 42 20	9°57'05	12°29	16°53	26°42	19° 0	16°34	2°42	3°51	26°53	27°47	4°59	5°17	13°44	24° 0	W29
T 30	18 46 17	10♋54'21	24♋31	18♋53	27♊55	19♋38	16♒29	2♌50	3♒49	26♉54	27♍48	4♈46	5♈14	13♌51	23♓59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n33	28n35	5n 2	16n13	2s20	17n32	1s 3	24n39	1n 3	16s35	0s58	21n14	0n52	19s52	0s39	17n48	1s37	16n47	17n19	3n 5	2n42	21n48	1n13	4n 2
T 2	22 40	27 36	4 59	16 45	2 9	17 52	1 1	24 39	1 3	16 35	0 59	21 13	0 52	19 52	0 39	17 49	1 37	16 47	17 19	3 0	2 41	21 46	1 14	4 2
F 3	22 46	25 21	4 43	17 17	1 58	18 12	0 59	24 38	1 3	16 35	0 59	21 11	0 52	19 52	0 39	17 49	1 37	16 46	17 18	2 56	2 40	21 44	1 14	4 2
S 4	22 53	22 0	4 15	17 50	1 47	18 31	0 57	24 38	1 3	16 36	0 59	21 10	0 52	19 53	0 39	17 50	1 37	16 46	17 18	2 53	2 39	21 41	1 15	4 3
S 5	22 58	17 48	3 37	18 23	1 36	18 50	0 54	24 37	1 4	16 36	1 0	21 9	0 52	19 53	0 39	17 50	1 37	16 45	17 17	2 51	2 37	21 39	1 15	4 3
M 6	23 4	12 54	2 48	18 57	1 24	19 9	0 52	24 36	1 4	16 36	1 0	21 7	0 52	19 54	0 39	17 50	1 37	16 45	17 17	2 50	2 36	21 37	1 16	4 3
T 7	23 9	7 30	1 52	19 29	1 12	19 27	0 50	24 35	1 4	16 37	1 0	21 6	0 52	19 54	0 39	17 51	1 37	16 44	17 16	2 50	2 35	21 34	1 16	4 3
W 8	23 13	1 45	0 50	20 2	1 0	19 44	0 48	24 33	1 4	16 37	1 1	21 5	0 52	19 54	0 39	17 51	1 37	16 44	17 16	2 50	2 34	21 32	1 17	4 3
T 9	23 17	4s11	0s15	20 34	0 48	20 1	0 45	24 32	1 4	16 38	1 1	21 3	0 52	19 55	0 39	17 52	1 37	16 43	17 15	2 50	2 32	21 30	1 17	4 3
F 10	23 21	10 7	1 21	21 5	0 37	20 18	0 43	24 30	1 4	16 39	1 1	21 2	0 52	19 55	0 39	17 52	1 37	16 42	17 14	2 49	2 31	21 27	1 18	4 4
S 11	23 24	15 49	2 26	21 35	0 25	20 34	0 41	24 28	1 5	16 39	1 1	21 0	0 52	19 55	0 39	17 53	1 37	16 42	17 14	2 48	2 30	21 25	1 18	4 4
S 12	23 27	20 56	3 24	22 4	0 13	20 49	0 38	24 26	1 5	16 40	1 2	20 59	0 52	19 56	0 39	17 53	1 37	16 41	17 13	2 46	2 28	21 22	1 19	4 4
M13	23 30	25 5	4 11	22 31	0 1	21 4	0 36	24 23	1 5	16 41	1 2	20 58	0 52	19 56	0 39	17 54	1 37	16 41	17 13	2 43	2 27	21 20	1 19	4 4
T 14	23 32	27 46	4 45	22 56	0n10	21 18	0 33	24 21	1 5	16 42	1 2	20 56	0 52	19 57	0 39	17 54	1 37	16 40	17 12	2 39	2 26	21 17	1 19	4 4
W15	23 34	28 35	5 0	23 20	0 21	21 32	0 31	24 18	1 5	16 43	1 3	20 55	0 52	19 57	0 39	17 55	1 38	16 39	17 12	2 35	2 25	21 15	1 20	4 4
T 16	23 35	27 20	4 55	23 41	0 31	21 45	0 29	24 15	1 5	16 44	1 3	20 53	0 52	19 58	0 39	17 55	1 38	16 39	17 11	2 31	2 23	21 13	1 20	4 5
F 17	23 36	24 8	4 30	24 1	0 41	21 57	0 26	24 12	1 6	16 45	1 3	20 52	0 52	19 58	0 39	17 56	1 38	16 38	17 11	2 27	2 22	21 10	1 20	4 5
S 18	23 36	19 23	3 47	24 17	0 50	22 9	0 24	24 9	1 6	16 46	1 3	20 50	0 53	19 59	0 39	17 56	1 38	16 37	17 10	2 24	2 21	21 8	1 21	4 5
S 19	23 36	13 33	2 50	24 31	0 59	22 21	0 21	24 6	1 6	16 47	1 4	20 49	0 53	19 59	0 39	17 56	1 38	16 37	17 9	2 23	2 20	21 5	1 21	4 5
M20	23 36	7 6	1 43	24 43	1 7	22 31	0 19	24 2	1 6	16 49	1 4	20 47	0 53	19 59	0 40	17 57	1 38	16 36	17 9	2 22	2 18	21 3	1 21	4 5
T 21	23 35	0 27	0 31	24 51	1 15	22 41	0 16	23 58	1 6	16 50	1 4	20 46	0 53	20 0	0 40	17 57	1 38	16 35	17 8	2 22	2 17	21 0	1 21	4 6
W22	23 34	6n 3	0n41	24 57	1 22	22 51	0 14	23 54	1 6	16 51	1 4	20 44	0 53	20 0	0 40	17 58	1 38	16 34	17 8	2 22	2 16	20 58	1 22	4 6
T 23	23 32	12 10	1 49	25 0	1 28	22 59	0 11	23 50	1 6	16 53	1 5	20 43	0 53	20 1	0 40	17 58	1 38	16 34	17 7	2 21	2 15	20 55	1 22	4 6
F 24	23 30	17 37	2 50	25 0	1 33	23 7	0 9	23 46	1 7	16 54	1 5	20 41	0 53	20 1	0 40	17 58	1 38	16 33	17 7	2 20	2 13	20 53	1 22	4 6
S 25	23 28	22 11	3 41	24 57	1 38	23 15	0 6	23 41	1 7	16 56	1 5	20 39	0 53	20 2	0 40	17 59	1 38	16 32	17 6	2 18	2 12	20 51	1 22	4 6
S 26	23 25	25 38	4 20	24 51	1 41	23 21	0 4	23 37	1 7	16 57	1 6	20 38	0 53	20 2	0 40	17 59	1 38	16 31	17 6	2 15	2 11	20 48	1 22	4 6
M27	23 22	27 49	4 46	24 43	1 44	23 27	0 1	23 32	1 7	16 59	1 6	20 36	0 53	20 3	0 40	18 0	1 38	16 31	17 5	2 10	2 9	20 46	1 22	4 7
T 28	23 18	28 35	4 59	24 32	1 47	23 33	0n 1	23 27	1 7	17 0	1 6	20 35	0 53	20 3	0 40	18 0	1 38	16 30	17 5	2 5	2 8	20 43	1 22	4 7
W29	23 14	27 57	4 57	24 19	1 48	23 37	0 4	23 21	1 7	17 2	1 6	20 33	0 53	20 4	0 40	18 0	1 38	16 29	17 4	2 0	2 7	20 41	1 22	4 7
T 30	23n 9	26n 0	4n42	24n 4	1n49	23n41	0n 6	23n16	1n 7	17s 4	1s 7	20n31	0n53	20s 4	0s40	18n 1	1s38	16n28	17n 3	1n54	2n 6	20n38	1n22	4n 7

Julian Day Number = 1991494.5, Delta T = 54m47s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'40, Lahiri = 6°18'40 Julian Calendar 1 June 740 == Greg. Calendar 5 June 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

JULY 740 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 50 13	11♋51'38	6♌27	20♋53	29♊ 9	20♋16	16°R24	2♌57	3°R47	26♉56	27♍49	4°R34	5♈11	13♌57	23°R59	F 1
S 2	18 54 10	12°48'56	18°17	22°50	0♋22	20°55	16♒18	3° 4	3♒45	26°58	27°50	4♈24	5° 8	14° 4	23♓59	S 2
S 3	18 58 6	13°46'14	0♍ 5	24°46	1°36	21°33	16°13	3°12	3°43	26°59	27°51	4°18	5° 5	14°11	23°58	S 3
M 4	19 2 3	14°43'33	11°55	26°41	2°49	22°11	16° 8	3°19	3°40	27° 1	27°52	4°14	5° 2	14°17	23°58	M 4
T 5	19 5 59	15°40'52	23°49	28°33	4° 3	22°49	16° 2	3°26	3°38	27° 3	27°53	4°12	4°58	14°24	23°57	T 5
W 6	19 9 56	16°38'12	5♎54	0♌24	5°17	23°28	15°56	3°34	3°36	27° 4	27°54	4°D11	4°55	14°31	23°56	W 6
T 7	19 13 53	17°35'32	18°13	2°14	6°30	24° 6	15°50	3°41	3°34	27° 6	27°55	4°R12	4°52	14°38	23°56	T 7
F 8	19 17 49	18°32'53	0♏53	4° 1	7°44	24°44	15°44	3°49	3°31	27° 7	27°56	4°11	4°49	14°44	23°55	F 8
S 9	19 21 46	19°30'15	13°58	5°47	8°58	25°22	15°38	3°56	3°29	27° 9	27°57	4° 9	4°46	14°51	23°54	S 9
S 10	19 25 42	20°27'38	27°31	7°32	10°11	26° 0	15°31	4° 4	3°27	27°10	27°58	4° 4	4°42	14°58	23°53	S 10
M11	19 29 39	21°25'01	11♐34	9°15	11°25	26°38	15°25	4°11	3°24	27°12	27°59	3°58	4°39	15° 4	23°52	M11
T 12	19 33 35	22°22'25	26° 5	10°56	12°39	27°17	15°18	4°19	3°22	27°13	28° 1	3°49	4°36	15°11	23°51	T 12
W13	19 37 32	23°19'50	11♑ 0	12°35	13°53	27°55	15°12	4°26	3°20	27°15	28° 2	3°39	4°33	15°18	23°50	W13
T 14	19 41 28	24°17'16	26° 9	14°13	15° 6	28°33	15° 5	4°34	3°17	27°16	28° 3	3°29	4°30	15°24	23°49	T 14
F 15	19 45 25	25°14'43	11♒23	15°49	16°20	29°11	14°58	4°42	3°15	27°18	28° 4	3°20	4°27	15°31	23°48	F 15
S 16	19 49 22	26°12'11	26°31	17°24	17°34	29°49	14°51	4°49	3°13	27°19	28° 6	3°14	4°23	15°38	23°47	S 16
S 17	19 53 18	27° 9'41	11♓23	18°57	18°48	0♌28	14°44	4°57	3°10	27°20	28° 7	3°10	4°20	15°44	23°46	S 17
M18	19 57 15	28° 7'12	25°54	20°28	20° 2	1° 6	14°37	5° 4	3° 8	27°22	28° 9	3° 8	4°17	15°51	23°45	M18
T 19	20 1 11	29° 4'44	10♈ 0	21°58	21°16	1°44	14°29	5°12	3° 6	27°23	28°10	3°D 8	4°14	15°58	23°43	T 19
W20	20 5 8	0♌ 2'18	23°42	23°26	22°30	2°22	14°22	5°20	3° 3	27°24	28°11	3°R 9	4°11	16° 5	23°42	W20
T 21	20 9 4	0°59'53	7♉ 0	24°52	23°44	3° 0	14°15	5°27	3° 1	27°25	28°13	3° 9	4° 8	16°11	23°41	T 21
F 22	20 13 1	1°57'30	19°58	26°17	24°58	3°38	14° 7	5°35	2°58	27°27	28°14	3° 7	4° 4	16°18	23°39	F 22
S 23	20 16 57	2°55'09	2♊39	27°40	26°12	4°17	14° 0	5°43	2°56	27°28	28°16	3° 3	4° 1	16°25	23°38	S 23
S 24	20 20 54	3°52'49	15° 6	29° 1	27°26	4°55	13°52	5°50	2°54	27°29	28°18	2°57	3°58	16°31	23°36	S 24
M25	20 24 51	4°50'31	27°22	0♍21	28°40	5°33	13°44	5°58	2°51	27°30	28°19	2°49	3°55	16°38	23°35	M25
T 26	20 28 47	5°48'15	9♋29	1°38	29°55	6°11	13°37	6° 6	2°49	27°31	28°21	2°39	3°52	16°45	23°33	T 26
W27	20 32 44	6°46'00	21°29	2°54	1♌ 9	6°49	13°29	6°13	2°46	27°32	28°22	2°28	3°48	16°51	23°32	W27
T 28	20 36 40	7°43'46	3♌24	4° 8	2°23	7°28	13°21	6°21	2°44	27°33	28°24	2°18	3°45	16°58	23°30	T 28
F 29	20 40 37	8°41'34	15°15	5°20	3°37	8° 6	13°13	6°29	2°42	27°34	28°26	2° 9	3°42	17° 5	23°28	F 29
S 30	20 44 33	9°39'24	27° 4	6°30	4°52	8°44	13° 5	6°36	2°39	27°35	28°27	2° 1	3°39	17°11	23°26	S 30
S 31	20 48 30	10♌37'14	8♍53	7♍37	6♌ 6	9♌22	12♒57	6♌44	2♒37	27♉36	28♍29	1♈56	3♈36	17♌18	23♓25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 4	22n54	4n15	23n47	1n50	23n45	0n 9	23n10	1n 7	17s 6	1s 7	20n30	0n53	20s 5	0s40	18n 1	1s38	16n27	17n 3	1n50	2n 4	20n36	1n22	4n 7
S 2	22 59	18 54	3 37	23 27	1 49	23 47	0 11	23 5	1 8	17 7	1 7	20 28	0 53	20 6	0 40	18 1	1 38	16 26	17 2	1 46	2 3	20 33	1 22	4 7
S 3	22 53	14 10	2 50	23 6	1 48	23 49	0 13	22 59	1 8	17 9	1 7	20 26	0 53	20 6	0 40	18 2	1 38	16 26	17 2	1 43	2 2	20 31	1 22	4 8
M 4	22 47	8 55	1 55	22 43	1 47	23 50	0 16	22 53	1 8	17 11	1 8	20 25	0 53	20 7	0 40	18 2	1 38	16 25	17 1	1 41	2 1	20 28	1 22	4 8
T 5	22 41	3 18	0 55	22 18	1 45	23 51	0 18	22 46	1 8	17 13	1 8	20 23	0 53	20 7	0 40	18 3	1 38	16 24	17 1	1 41	1 59	20 25	1 22	4 8
W 6	22 34	2s30	0s 9	21 52	1 42	23 50	0 21	22 40	1 8	17 15	1 8	20 21	0 53	20 8	0 40	18 3	1 38	16 23	17 0	1 41	1 58	20 23	1 22	4 8
T 7	22 26	8 20	1 14	21 24	1 39	23 49	0 23	22 33	1 8	17 17	1 8	20 20	0 53	20 8	0 40	18 3	1 38	16 22	17 0	1 41	1 57	20 20	1 22	4 8
F 8	22 19	13 59	2 17	20 55	1 35	23 48	0 25	22 27	1 8	17 19	1 9	20 18	0 53	20 9	0 40	18 3	1 38	16 21	16 59	1 40	1 56	20 18	1 22	4 8
S 9	22 11	19 14	3 14	20 25	1 31	23 45	0 27	22 20	1 8	17 21	1 9	20 16	0 54	20 9	0 40	18 4	1 38	16 20	16 59	1 40	1 54	20 15	1 22	4 9
S 10	22 2	23 41	4 3	19 54	1 26	23 42	0 30	22 13	1 8	17 23	1 9	20 14	0 54	20 10	0 40	18 4	1 38	16 19	16 58	1 38	1 53	20 13	1 21	4 9
M11	21 53	26 57	4 40	19 22	1 21	23 38	0 32	22 5	1 8	17 26	1 9	20 13	0 54	20 10	0 40	18 4	1 38	16 18	16 58	1 35	1 52	20 10	1 21	4 9
T 12	21 44	28 32	4 59	18 49	1 15	23 34	0 34	21 58	1 8	17 28	1 9	20 11	0 54	20 11	0 40	18 5	1 38	16 17	16 57	1 32	1 50	20 8	1 21	4 9
W13	21 34	28 7	5 0	18 16	1 10	23 29	0 36	21 50	1 9	17 30	1 10	20 9	0 54	20 12	0 40	18 5	1 38	16 17	16 57	1 28	1 49	20 5	1 21	4 9
T 14	21 24	25 38	4 39	17 41	1 3	23 23	0 39	21 43	1 9	17 32	1 10	20 7	0 54	20 12	0 40	18 5	1 38	16 16	16 56	1 24	1 48	20 2	1 21	4 9
F 15	21 14	21 18	3 59	17 6	0 57	23 16	0 41	21 35	1 9	17 34	1 10	20 6	0 54	20 13	0 40	18 6	1 38	16 15	16 56	1 20	1 47	20 0	1 20	4 9
S 16	21 3	15 36	3 2	16 31	0 50	23 9	0 43	21 27	1 9	17 37	1 10	20 4	0 54	20 13	0 40	18 6	1 39	16 14	16 55	1 18	1 45	19 57	1 20	4 10
S 17	20 52	9 5	1 53	15 55	0 43	23 1	0 45	21 19	1 9	17 39	1 11	20 2	0 54	20 14	0 40	18 6	1 39	16 13	16 55	1 16	1 44	19 55	1 20	4 10
M18	20 41	2 14	0 38	15 19	0 35	22 52	0 47	21 10	1 9	17 41	1 11	20 0	0 54	20 14	0 40	18 6	1 39	16 12	16 54	1 15	1 43	19 52	1 19	4 10
T 19	20 29	4n33	0n37	14 43	0 27	22 43	0 49	21 2	1 9	17 44	1 11	19 58	0 54	20 15	0 40	18 7	1 39	16 11	16 54	1 15	1 42	19 50	1 19	4 10
W20	20 17	10 55	1 47	14 6	0 19	22 33	0 51	20 53	1 9	17 46	1 11	19 57	0 54	20 16	0 40	18 7	1 39	16 10	16 53	1 16	1 40	19 47	1 18	4 10
T 21	20 4	16 38	2 50	13 30	0 11	22 22	0 53	20 44	1 9	17 48	1 11	19 55	0 54	20 16	0 40	18 7	1 39	16 9	16 53	1 15	1 39	19 44	1 18	4 10
F 22	19 52	21 26	3 43	12 53	0 2	22 11	0 54	20 35	1 9	17 51	1 11	19 53	0 54	20 17	0 40	18 7	1 39	16 8	16 53	1 15	1 38	19 42	1 18	4 10
S 23	19 38	25 8	4 23	12 16	0s 6	21 58	0 56	20 26	1 9	17 53	1 12	19 51	0 54	20 17	0 40	18 7	1 39	16 7	16 52	1 13	1 37	19 39	1 17	4 11
S 24	19 25	27 34	4 50	11 39	0 15	21 46	0 58	20 17	1 9	17 55	1 12	19 49	0 55	20 18	0 40	18 8	1 39	16 6	16 52	1 11	1 35	19 36	1 17	4 11
M25	19 11	28 38	5 3	11 3	0 25	21 32	1 0	20 8	1 9	17 58	1 12	19 47	0 55	20 18	0 40	18 8	1 39	16 5	16 51	1 8	1 34	19 34	1 16	4 11
T 26	18 57	28 17	5 2	10 26	0 34	21 18	1 1	19 58	1 9	18 0	1 12	19 46	0 55	20 19	0 40	18 8	1 39	16 4	16 51	1 4	1 33	19 31	1 16	4 11
W27	18 43	26 37	4 48	9 50	0 43	21 4	1 3	19 49	1 9	18 3	1 12	19 44	0 55	20 19	0 40	18 8	1 39	16 3	16 50	0 59	1 31	19 29	1 15	4 11
T 28	18 28	23 46	4 21	9 14	0 53	20 49	1 4	19 39	1 9	18 5	1 12	19 42	0 55	20 20	0 40	18 8	1 39	16 2	16 50	0 55	1 30	19 26	1 14	4 11
F 29	18 13	19 56	3 43	8 39	1 3	20 33	1 6	19 29	1 9	18 7	1 12	19 40	0 55	20 21	0 40	18 9	1 39	16 0	16 50	0 51	1 29	19 23	1 14	4 11
S 30	17 57	15 20	2 56	8 4	1 12	20 16	1 7	19 19	1 9	18 10	1 13	19 38	0 55	20 21	0 40	18 9	1 39	15 59	16 49	0 49	1 28	19 21	1 13	4 11
S 31	17n42	10n 9	2n 1	7n30	1s22	19n59	1n 9	19n 9	1n 9	18s12	1s13	19n36	0n55	20s22	0s40	18n 9	1s39	15n58	16n49	0n47	1n26	19n18	1n13	4n11

Julian Day Number = 1991524.5, Delta T = 54m47s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'44, Lahiri = 6°18'44 Julian Calendar 1 July 740 == Greg. Calendar 5 July 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

AUGUST 740 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 52 26	11♌35'06	20♍44	8♍43	7♌20	10♌ 0	12°R49	6♌52	2°R35	27♉37	28♍31	1°R53	3♈33	17♌25	23°R23	M 1
T 2	20 56 23	12°33'00	2♎41	9°46	8°34	10°39	12♒42	6°59	2♒32	27°38	28°33	1°D53	3°29	17°31	23♓21	T 2
W 3	21 0 20	13°30'55	14°47	10°46	9°49	11°17	12°34	7° 7	2°30	27°39	28°34	1♈53	3°26	17°38	23°19	W 3
T 4	21 4 16	14°28'51	27° 7	11°44	11° 3	11°55	12°26	7°15	2°27	27°39	28°36	1°55	3°23	17°45	23°17	T 4
F 5	21 8 13	15°26'49	9♏46	12°39	12°18	12°33	12°18	7°22	2°25	27°40	28°38	1°R56	3°20	17°52	23°15	F 5
S 6	21 12 9	16°24'48	22°47	13°31	13°32	13°11	12°10	7°30	2°23	27°41	28°40	1°56	3°17	17°58	23°13	S 6
S 7	21 16 6	17°22'48	6♐14	14°20	14°46	13°50	12° 2	7°37	2°21	27°42	28°42	1°54	3°14	18° 5	23°11	S 7
M 8	21 20 2	18°20'50	20° 9	15° 6	16° 1	14°28	11°54	7°45	2°18	27°42	28°44	1°50	3°10	18°12	23° 9	M 8
T 9	21 23 59	19°18'54	4♑33	15°48	17°15	15° 6	11°47	7°53	2°16	27°43	28°46	1°46	3° 7	18°18	23° 6	T 9
W10	21 27 55	20°16'59	19°22	16°27	18°30	15°44	11°39	8° 0	2°14	27°43	28°48	1°40	3° 4	18°25	23° 4	W10
T 11	21 31 52	21°15'05	4♒29	17° 1	19°44	16°23	11°31	8° 8	2°12	27°44	28°50	1°34	3° 1	18°32	23° 2	T 11
F 12	21 35 49	22°13'13	19°45	17°31	20°59	17° 1	11°24	8°15	2° 9	27°45	28°52	1°28	2°58	18°38	23° 0	F 12
S 13	21 39 45	23°11'23	4♓59	17°57	22°13	17°39	11°16	8°23	2° 7	27°45	28°54	1°24	2°54	18°45	22°58	S 13
S 14	21 43 42	24° 9'35	20° 2	18°17	23°28	18°17	11° 8	8°30	2° 5	27°46	28°56	1°22	2°51	18°52	22°55	S 14
M15	21 47 38	25° 7'49	4♈46	18°33	24°42	18°56	11° 1	8°38	2° 3	27°46	28°58	1°D22	2°48	18°58	22°53	M15
T 16	21 51 35	26° 6'04	19° 4	18°43	25°57	19°34	10°54	8°45	2° 1	27°46	29° 0	1°23	2°45	19° 5	22°50	T 16
W17	21 55 31	27° 4'22	2♉55	18°R47	27°12	20°12	10°46	8°52	1°59	27°47	29° 2	1°24	2°42	19°12	22°48	W17
T 18	21 59 28	28° 2'42	16°20	18°45	28°26	20°50	10°39	9° 0	1°57	27°47	29° 4	1°26	2°39	19°18	22°46	T 18
F 19	22 3 24	29° 1'04	29°20	18°37	29°41	21°29	10°32	9° 7	1°54	27°48	29° 6	1°R26	2°35	19°25	22°43	F 19
S 20	22 7 21	29°59'29	12♊ 0	18°22	0♍55	22° 7	10°25	9°15	1°52	27°48	29° 8	1°25	2°32	19°32	22°41	S 20
S 21	22 11 18	0♍57'55	24°23	18° 1	2°10	22°45	10°18	9°22	1°50	27°48	29°10	1°23	2°29	19°38	22°38	S 21
M22	22 15 14	1°56'24	6♋32	17°33	3°25	23°24	10°11	9°29	1°48	27°48	29°12	1°20	2°26	19°45	22°36	M22
T 23	22 19 11	2°54'55	18°32	16°58	4°40	24° 2	10° 4	9°36	1°47	27°48	29°15	1°16	2°23	19°52	22°33	T 23
W24	22 23 7	3°53'28	0♌26	16°16	5°54	24°40	9°58	9°44	1°45	27°49	29°17	1°11	2°20	19°58	22°31	W24
T 25	22 27 4	4°52'03	12°17	15°29	7° 9	25°19	9°51	9°51	1°43	27°49	29°19	1° 6	2°16	20° 5	22°28	T 25
F 26	22 31 0	5°50'41	24° 6	14°36	8°24	25°57	9°45	9°58	1°41	27°49	29°21	1° 2	2°13	20°12	22°25	F 26
S 27	22 34 57	6°49'20	5♍56	13°38	9°39	26°35	9°39	10° 5	1°39	27°49	29°23	0°59	2°10	20°19	22°23	S 27
S 28	22 38 53	7°48'01	17°50	12°37	10°53	27°14	9°33	10°12	1°37	27°R49	29°26	0°57	2° 7	20°25	22°20	S 28
M29	22 42 50	8°46'44	29°48	11°33	12° 8	27°52	9°27	10°19	1°35	27°49	29°28	0°D56	2° 4	20°32	22°17	M29
T 30	22 46 47	9°45'29	11♎54	10°28	13°23	28°31	9°21	10°26	1°34	27°49	29°30	0°57	2° 0	20°39	22°15	T 30
W31	22 50 43	10♍44'16	24♎ 9	9♍24	14♍38	29♌ 9	9♒15	10♌33	1♒32	27♉49	29♍33	0♈58	1♈57	20♌45	22♓12	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n26	4n37	1n 0	6n56	1s32	19n42	1n10	18n58	1n 9	18s15	1s13	19n35	0n55	20s22	0s40	18n 9	1s39	15n57	16n48	0n45	1n25	19n15	1n12	4n12
T 2	17 9	1s 8	0s 4	6 23	1 42	19 23	1 11	18 48	1 9	18 17	1 13	19 33	0 55	20 23	0 40	18 9	1 39	15 56	16 48	0 45	1 24	19 13	1 11	4 12
W 3	16 53	6 56	1 9	5 51	1 52	19 5	1 13	18 37	1 9	18 19	1 13	19 31	0 55	20 23	0 40	18 9	1 39	15 55	16 48	0 45	1 23	19 10	1 11	4 12
T 4	16 36	12 34	2 12	5 20	2 2	18 45	1 14	18 27	1 9	18 22	1 13	19 29	0 55	20 24	0 40	18 10	1 39	15 54	16 47	0 46	1 21	19 7	1 10	4 12
F 5	16 19	17 51	3 10	4 49	2 12	18 26	1 15	18 16	1 9	18 24	1 13	19 27	0 56	20 24	0 40	18 10	1 39	15 53	16 47	0 46	1 20	19 5	1 9	4 12
S 6	16 2	22 28	4 0	4 20	2 22	18 5	1 16	18 5	1 9	18 26	1 13	19 25	0 56	20 25	0 40	18 10	1 39	15 52	16 47	0 46	1 19	19 2	1 9	4 12
S 7	15 44	26 5	4 39	3 52	2 32	17 44	1 17	17 54	1 9	18 29	1 13	19 23	0 56	20 25	0 40	18 10	1 40	15 51	16 46	0 46	1 17	18 59	1 8	4 12
M 8	15 26	28 16	5 3	3 26	2 42	17 23	1 18	17 43	1 9	18 31	1 14	19 21	0 56	20 26	0 40	18 10	1 40	15 50	16 46	0 44	1 16	18 56	1 7	4 12
T 9	15 8	28 40	5 9	3 1	2 51	17 1	1 19	17 31	1 9	18 33	1 14	19 20	0 56	20 26	0 40	18 10	1 40	15 49	16 46	0 42	1 15	18 54	1 6	4 12
W10	14 49	27 4	4 55	2 37	3 0	16 39	1 20	17 20	1 9	18 35	1 14	19 18	0 56	20 27	0 40	18 10	1 40	15 48	16 45	0 40	1 14	18 51	1 5	4 12
T 11	14 31	23 29	4 20	2 15	3 9	16 16	1 20	17 8	1 9	18 38	1 14	19 16	0 56	20 27	0 40	18 10	1 40	15 47	16 45	0 37	1 12	18 48	1 5	4 12
F 12	14 12	18 16	3 27	1 56	3 18	15 53	1 21	16 57	1 9	18 40	1 14	19 14	0 56	20 28	0 40	18 10	1 40	15 46	16 45	0 35	1 11	18 46	1 4	4 13
S 13	13 53	11 54	2 19	1 38	3 27	15 29	1 22	16 45	1 9	18 42	1 14	19 12	0 56	20 28	0 40	18 10	1 40	15 45	16 44	0 34	1 10	18 43	1 3	4 13
S 14	13 34	4 55	1 1	1 23	3 34	15 5	1 22	16 33	1 9	18 44	1 14	19 10	0 56	20 29	0 40	18 11	1 40	15 43	16 44	0 33	1 9	18 40	1 2	4 13
M15	13 14	2n11	0n19	1 10	3 42	14 41	1 23	16 21	1 9	18 46	1 14	19 8	0 57	20 29	0 40	18 11	1 40	15 42	16 44	0 33	1 7	18 37	1 1	4 13
T 16	12 54	8 59	1 35	1 0	3 49	14 16	1 23	16 9	1 9	18 48	1 14	19 6	0 57	20 30	0 40	18 11	1 40	15 41	16 43	0 33	1 6	18 35	1 0	4 13
W17	12 34	15 8	2 44	0 52	3 55	13 50	1 24	15 57	1 9	18 50	1 14	19 5	0 57	20 30	0 40	18 11	1 40	15 40	16 43	0 34	1 5	18 32	0 59	4 13
T 18	12 14	20 22	3 41	0 48	4 0	13 25	1 24	15 44	1 9	18 52	1 14	19 3	0 57	20 31	0 40	18 11	1 40	15 39	16 43	0 34	1 3	18 29	0 59	4 13
F 19	11 54	24 27	4 25	0 48	4 4	12 59	1 24	15 32	1 9	18 54	1 14	19 1	0 57	20 31	0 40	18 11	1 40	15 38	16 43	0 34	1 2	18 27	0 58	4 13
S 20	11 33	27 15	4 55	0 51	4 7	12 32	1 24	15 20	1 9	18 56	1 14	18 59	0 57	20 32	0 40	18 11	1 40	15 37	16 42	0 34	1 1	18 24	0 57	4 13
S 21	11 12	28 39	5 10	0 57	4 9	12 5	1 25	15 7	1 9	18 58	1 14	18 57	0 57	20 32	0 40	18 11	1 40	15 36	16 42	0 33	1 0	18 21	0 56	4 13
M22	10 51	28 38	5 11	1 8	4 9	11 38	1 25	14 54	1 9	19 0	1 14	18 55	0 57	20 33	0 40	18 11	1 40	15 35	16 42	0 32	0 58	18 18	0 55	4 13
T 23	10 30	27 14	4 59	1 22	4 8	11 11	1 25	14 41	1 9	19 2	1 14	18 53	0 57	20 33	0 40	18 11	1 40	15 34	16 42	0 30	0 57	18 15	0 54	4 13
W24	10 9	24 38	4 33	1 41	4 5	10 43	1 25	14 28	1 9	19 4	1 14	18 52	0 58	20 33	0 40	18 11	1 40	15 33	16 41	0 28	0 56	18 13	0 53	4 13
T 25	9 47	21 0	3 56	2 4	4 1	10 15	1 24	14 15	1 9	19 5	1 14	18 50	0 58	20 34	0 40	18 11	1 40	15 32	16 41	0 26	0 55	18 10	0 52	4 13
F 26	9 26	16 33	3 9	2 30	3 54	9 47	1 24	14 2	1 9	19 7	1 14	18 48	0 58	20 34	0 40	18 11	1 40	15 31	16 41	0 25	0 53	18 7	0 51	4 13
S 27	9 4	11 27	2 13	3 0	3 46	9 18	1 24	13 49	1 9	19 9	1 14	18 46	0 58	20 35	0 40	18 11	1 41	15 29	16 41	0 24	0 52	18 4	0 50	4 13
S 28	8 42	5 56	1 12	3 33	3 36	8 49	1 24	13 36	1 9	19 10	1 14	18 44	0 58	20 35	0 40	18 11	1 41	15 28	16 41	0 23	0 51	18 2	0 49	4 13
M29	8 20	0 10	0 6	4 9	3 23	8 20	1 23	13 22	1 9	19 12	1 14	18 42	0 58	20 35	0 40	18 10	1 41	15 27	16 40	0 22	0 49	17 59	0 48	4 13
T 30	7 58	5s39	1s 0	4 47	3 9	7 51	1 23	13 9	1 9	19 13	1 14	18 41	0 58	20 36	0 40	18 10	1 41	15 26	16 40	0 23	0 48	17 56	0 47	4 13
W31	7n35	11s21	2s 5	5n26	2s53	7n21	1n22	12n55	1n 9	19s15	1s14	18n39	0n58	20s36	0s40	18n10	1s41	15n25	16n40	0n23	0n47	17n53	0n45	4n13

Julian Day Number = 1991555.5, Delta T = 54m46s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'48, Lahiri = 6°18'48 Julian Calendar 1 Aug. 740 == Greg. Calendar 5 Aug. 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

SEPTEMBER 740 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 54 40	11♍43'05	6♏37	8°R21	15♍53	29♌47	9°R10	10♌40	1°R30	27°R49	29♍35	0♈59	1♈54	20♌52	22°R 9	T 1
F 2	22 58 36	12°41'56	19°20	7♍23	17° 7	0♍26	9♒ 4	10°47	1♒29	27♉48	29°37	1° 1	1°51	20°59	22♓ 7	F 2
S 3	23 2 33	13°40'49	2♐21	6°29	18°22	1° 4	8°59	10°54	1°27	27°48	29°39	1° 2	1°48	21° 5	22° 4	S 3
S 4	23 6 29	14°39'43	15°44	5°43	19°37	1°43	8°54	11° 1	1°26	27°48	29°42	1°R 2	1°45	21°12	22° 1	S 4
M 5	23 10 26	15°38'40	29°30	5° 4	20°52	2°21	8°49	11° 8	1°24	27°48	29°44	1° 1	1°41	21°19	21°58	M 5
T 6	23 14 22	16°37'38	13♑40	4°34	22° 7	3° 0	8°45	11°15	1°23	27°47	29°46	1° 0	1°38	21°25	21°56	T 6
W 7	23 18 19	17°36'38	28°13	4°14	23°22	3°38	8°40	11°21	1°21	27°47	29°49	0°59	1°35	21°32	21°53	W 7
T 8	23 22 16	18°35'39	13♒ 3	4°D 4	24°37	4°17	8°36	11°28	1°20	27°47	29°51	0°57	1°32	21°39	21°50	T 8
F 9	23 26 12	19°34'43	28° 4	4° 5	25°52	4°55	8°31	11°35	1°19	27°46	29°53	0°56	1°29	21°45	21°47	F 9
S 10	23 30 9	20°33'48	13♓10	4°16	27° 6	5°34	8°27	11°41	1°17	27°46	29°56	0°55	1°26	21°52	21°45	S 10
S 11	23 34 5	21°32'56	28° 9	4°37	28°21	6°12	8°24	11°48	1°16	27°46	29°58	0°D55	1°22	21°59	21°42	S 11
M12	23 38 2	22°32'05	12♈54	5° 8	29°36	6°51	8°20	11°54	1°15	27°45	0♎ 0	0°55	1°19	22° 5	21°39	M12
T 13	23 41 58	23°31'17	27°18	5°48	0♎51	7°29	8°16	12° 0	1°14	27°45	0° 3	0°55	1°16	22°12	21°36	T 13
W14	23 45 55	24°30'31	11♉18	6°36	2° 6	8° 8	8°13	12° 7	1°12	27°44	0° 5	0°56	1°13	22°19	21°34	W14
T 15	23 49 51	25°29'47	24°50	7°33	3°21	8°46	8°10	12°13	1°11	27°43	0° 8	0°57	1°10	22°25	21°31	T 15
F 16	23 53 48	26°29'06	7♊58	8°37	4°36	9°25	8° 7	12°19	1°10	27°43	0°10	0°57	1° 6	22°32	21°28	F 16
S 17	23 57 44	27°28'28	20°41	9°47	5°51	10° 3	8° 4	12°25	1° 9	27°42	0°12	0°57	1° 3	22°39	21°25	S 17
S 18	0 1 41	28°27'51	3♋ 6	11° 3	7° 6	10°42	8° 2	12°32	1° 8	27°42	0°15	0°R57	1° 0	22°45	21°23	S 18
M19	0 5 38	29°27'18	15°15	12°23	8°21	11°21	8° 0	12°38	1° 7	27°41	0°17	0°57	0°57	22°52	21°20	M19
T 20	0 9 34	0♎26'46	27°13	13°48	9°36	11°59	7°57	12°44	1° 6	27°40	0°19	0°D57	0°54	22°59	21°17	T 20
W21	0 13 31	1°26'17	9♌ 4	15°17	10°51	12°38	7°55	12°50	1° 6	27°39	0°22	0°57	0°51	23° 5	21°14	W21
T 22	0 17 27	2°25'50	20°53	16°49	12° 6	13°16	7°54	12°55	1° 5	27°39	0°24	0°57	0°47	23°12	21°12	T 22
F 23	0 21 24	3°25'25	2♍43	18°23	13°21	13°55	7°52	13° 1	1° 4	27°38	0°27	0°57	0°44	23°19	21° 9	F 23
S 24	0 25 20	4°25'02	14°37	19°59	14°36	14°34	7°51	13° 7	1° 3	27°37	0°29	0°58	0°41	23°25	21° 6	S 24
S 25	0 29 17	5°24'42	26°38	21°37	15°51	15°12	7°50	13°13	1° 3	27°36	0°31	0°R58	0°38	23°32	21° 4	S 25
M26	0 33 13	6°24'23	8♎48	23°16	17° 6	15°51	7°49	13°18	1° 2	27°35	0°34	0°58	0°35	23°39	21° 1	M26
T 27	0 37 10	7°24'07	21° 8	24°56	18°21	16°30	7°48	13°24	1° 2	27°34	0°36	0°57	0°31	23°45	20°58	T 27
W28	0 41 7	8°23'52	3♏39	26°36	19°36	17° 9	7°47	13°29	1° 1	27°33	0°38	0°57	0°28	23°52	20°56	W28
T 29	0 45 3	9°23'40	16°23	28°18	20°51	17°47	7°47	13°35	1° 1	27°32	0°41	0°56	0°25	23°59	20°53	T 29
F 30	0 49 0	10♎23'30	29♏21	29♍59	22♎ 6	18♍26	7°D47	13♌40	1♒ 0	27♉31	0♎43	0♈54	0♈22	24♌ 6	20♓51	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n13	16s43	3s 4	6n 5	2s36	6n52	1n22	12n42	1n 9	19s16	1s14	18n37	0n59	20s36	0s40	18n10	1s41	15n24	16n40	0n24	0n46	17n50	0n44	4n13
F 2	6 50	21 28	3 57	6 44	2 17	6 22	1 21	12 28	1 9	19 18	1 14	18 35	0 59	20 37	0 40	18 10	1 41	15 23	16 40	0 24	0 44	17 48	0 43	4 13
S 3	6 28	25 19	4 38	7 22	1 58	5 52	1 20	12 14	1 9	19 19	1 14	18 34	0 59	20 37	0 40	18 10	1 41	15 22	16 40	0 25	0 43	17 45	0 42	4 13
S 4	6 5	27 53	5 5	7 58	1 38	5 21	1 20	12 0	1 9	19 20	1 14	18 32	0 59	20 37	0 40	18 10	1 41	15 21	16 40	0 25	0 42	17 42	0 41	4 13
M 5	5 42	28 52	5 16	8 31	1 18	4 51	1 19	11 46	1 8	19 22	1 14	18 30	0 59	20 38	0 40	18 10	1 41	15 20	16 39	0 25	0 41	17 39	0 40	4 13
T 6	5 19	28 1	5 9	9 0	0 58	4 20	1 18	11 32	1 8	19 23	1 14	18 28	0 59	20 38	0 40	18 10	1 41	15 19	16 39	0 24	0 39	17 36	0 39	4 13
W 7	4 56	25 15	4 42	9 26	0 39	3 50	1 17	11 18	1 8	19 24	1 13	18 27	0 59	20 38	0 40	18 10	1 41	15 18	16 39	0 24	0 38	17 33	0 38	4 13
T 8	4 32	20 46	3 55	9 47	0 20	3 19	1 16	11 4	1 8	19 25	1 13	18 25	0 59	20 39	0 40	18 10	1 41	15 17	16 39	0 23	0 37	17 31	0 37	4 13
F 9	4 9	14 55	2 52	10 3	0 2	2 48	1 15	10 50	1 8	19 26	1 13	18 23	1 0	20 39	0 40	18 9	1 41	15 16	16 39	0 22	0 36	17 28	0 35	4 13
S 10	3 46	8 9	1 37	10 15	0n15	2 17	1 14	10 35	1 8	19 27	1 13	18 21	1 0	20 39	0 40	18 9	1 41	15 15	16 39	0 22	0 34	17 25	0 34	4 13
S 11	3 22	0 59	0 15	10 22	0 31	1 46	1 13	10 21	1 8	19 28	1 13	18 20	1 0	20 39	0 40	18 9	1 41	15 14	16 39	0 22	0 33	17 22	0 33	4 13
M12	2 59	6n 8	1n 6	10 24	0 46	1 15	1 11	10 7	1 8	19 29	1 13	18 18	1 0	20 40	0 39	18 9	1 41	15 13	16 39	0 22	0 32	17 19	0 32	4 13
T 13	2 35	12 47	2 21	10 21	0 59	0 44	1 10	9 52	1 8	19 30	1 13	18 16	1 0	20 40	0 39	18 9	1 41	15 12	16 39	0 22	0 30	17 16	0 31	4 13
W14	2 12	18 35	3 26	10 14	1 10	0 12	1 9	9 37	1 8	19 30	1 13	18 15	1 0	20 40	0 39	18 9	1 41	15 11	16 39	0 22	0 29	17 14	0 30	4 13
T 15	1 48	23 15	4 17	10 3	1 21	0s19	1 7	9 23	1 8	19 31	1 13	18 13	1 1	20 40	0 39	18 8	1 41	15 10	16 39	0 23	0 28	17 11	0 29	4 13
F 16	1 24	26 36	4 52	9 47	1 30	0 50	1 6	9 8	1 7	19 32	1 13	18 11	1 1	20 41	0 39	18 8	1 42	15 9	16 39	0 23	0 27	17 8	0 27	4 12
S 17	1 1	28 28	5 12	9 27	1 37	1 21	1 4	8 53	1 7	19 32	1 13	18 10	1 1	20 41	0 39	18 8	1 42	15 8	16 39	0 23	0 25	17 5	0 26	4 12
S 18	0 37	28 51	5 17	9 4	1 44	1 53	1 3	8 38	1 7	19 33	1 12	18 8	1 1	20 41	0 39	18 8	1 42	15 7	16 39	0 23	0 24	17 2	0 25	4 12
M19	0 13	27 49	5 8	8 38	1 49	2 24	1 1	8 24	1 7	19 34	1 12	18 7	1 1	20 41	0 39	18 8	1 42	15 6	16 39	0 23	0 23	16 59	0 24	4 12
T 20	0s11	25 31	4 45	8 9	1 53	2 55	0 59	8 9	1 7	19 34	1 12	18 5	1 1	20 41	0 39	18 7	1 42	15 5	16 39	0 23	0 22	16 56	0 23	4 12
W21	0 35	22 8	4 10	7 37	1 56	3 26	0 58	7 54	1 7	19 34	1 12	18 4	1 1	20 41	0 39	18 7	1 42	15 4	16 39	0 23	0 20	16 53	0 22	4 12
T 22	0 58	17 52	3 25	7 3	1 58	3 57	0 56	7 39	1 7	19 35	1 12	18 2	1 2	20 42	0 39	18 7	1 42	15 3	16 39	0 23	0 19	16 51	0 20	4 12
F 23	1 22	12 55	2 31	6 27	1 59	4 28	0 54	7 24	1 7	19 35	1 12	18 1	1 2	20 42	0 39	18 7	1 42	15 2	16 39	0 23	0 18	16 48	0 19	4 12
S 24	1 46	7 28	1 30	5 49	1 59	4 59	0 52	7 8	1 6	19 35	1 12	17 59	1 2	20 42	0 39	18 7	1 42	15 2	16 39	0 23	0 16	16 45	0 18	4 12
S 25	2 10	1 43	0 24	5 10	1 59	5 30	0 50	6 53	1 6	19 35	1 12	17 58	1 2	20 42	0 39	18 6	1 42	15 1	16 39	0 23	0 15	16 42	0 17	4 12
M26	2 34	4s10	0s43	4 29	1 57	6 1	0 48	6 38	1 6	19 36	1 12	17 56	1 2	20 42	0 39	18 6	1 42	15 0	16 39	0 23	0 14	16 39	0 16	4 11
T 27	2 57	9 59	1 50	3 48	1 55	6 32	0 46	6 23	1 6	19 36	1 11	17 55	1 2	20 42	0 39	18 6	1 42	14 59	16 39	0 23	0 13	16 36	0 15	4 11
W28	3 21	15 30	2 52	3 5	1 53	7 2	0 44	6 7	1 6	19 36	1 11	17 53	1 3	20 42	0 39	18 6	1 42	14 58	16 39	0 23	0 11	16 33	0 14	4 11
T 29	3 45	20 28	3 46	2 22	1 50	7 32	0 42	5 52	1 6	19 36	1 11	17 52	1 3	20 42	0 39	18 5	1 42	14 57	16 39	0 22	0 10	16 30	0 12	4 11
F 30	4s 9	24s32	4s30	1n38	1n46	8s 3	0n40	5n37	1n 6	19s36	1s11	17n50	1n 3	20s42	0s39	18n 5	1s42	14n56	16n39	0n22	0n 9	16n27	0n11	4n11

Julian Day Number = 1991586.5, Delta T = 54m45s
Ecliptic obliquity = 23°36'17, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'52, Lahiri = 6°18'53 Julian Calendar 1 Sept. 740 == Greg. Calendar 5 Sept. 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

OCTOBER 740 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 52 56	11♎23'21	12♐34	1♎41	23♎21	19♍ 5	7♒47	13♌45	1°R 0	27°R30	0♎46	0°R53	0♈19	24♌12	20°R48	S 1
S 2	0 56 53	12°23'14	26° 1	3°22	24°36	19°44	7°47	13°51	1♒ 0	27♉29	0°48	0♈52	0°16	24°19	20♓46	S 2
M 3	1 0 49	13°23'09	9♑45	5° 4	25°51	20°22	7°48	13°56	1° 0	27°28	0°50	0°D52	0°12	24°26	20°43	M 3
T 4	1 4 46	14°23'06	23°44	6°45	27° 6	21° 1	7°49	14° 1	0°59	27°27	0°53	0°52	0° 9	24°32	20°41	T 4
W 5	1 8 42	15°23'04	7♒59	8°27	28°21	21°40	7°49	14° 6	0°59	27°26	0°55	0°53	0° 6	24°39	20°38	W 5
T 6	1 12 39	16°23'04	22°26	10° 7	29°36	22°19	7°51	14°10	0°59	27°24	0°57	0°54	0° 3	24°46	20°36	T 6
F 7	1 16 36	17°23'05	7♓ 3	11°48	0♏51	22°58	7°52	14°15	0°D59	27°23	1° 0	0°55	29♓59	24°52	20°33	F 7
S 8	1 20 32	18°23'08	21°44	13°28	2° 6	23°37	7°53	14°20	0°59	27°22	1° 2	0°56	29°57	24°59	20°31	S 8
S 9	1 24 29	19°23'13	6♈24	15° 8	3°21	24°15	7°55	14°25	0°59	27°21	1° 4	0°R56	29°53	25° 6	20°29	S 9
M10	1 28 25	20°23'20	20°56	16°47	4°36	24°54	7°57	14°29	0°59	27°20	1° 6	0°55	29°50	25°12	20°26	M10
T 11	1 32 22	21°23'29	5♉13	18°26	5°51	25°33	7°59	14°34	0°59	27°18	1° 9	0°53	29°47	25°19	20°24	T 11
W12	1 36 18	22°23'39	19°11	20° 4	7° 6	26°12	8° 1	14°38	1° 0	27°17	1°11	0°50	29°44	25°26	20°22	W12
T 13	1 40 15	23°23'52	2♊46	21°43	8°21	26°51	8° 4	14°42	1° 0	27°16	1°13	0°47	29°41	25°32	20°19	T 13
F 14	1 44 11	24°24'07	15°57	23°20	9°35	27°30	8° 6	14°46	1° 0	27°14	1°15	0°43	29°37	25°39	20°17	F 14
S 15	1 48 8	25°24'24	28°46	24°58	10°50	28° 9	8° 9	14°51	1° 1	27°13	1°18	0°40	29°34	25°46	20°15	S 15
S 16	1 52 5	26°24'43	11♋13	26°34	12° 5	28°48	8°12	14°55	1° 1	27°11	1°20	0°38	29°31	25°52	20°13	S 16
M17	1 56 1	27°25'03	23°24	28°11	13°20	29°27	8°16	14°59	1° 2	27°10	1°22	0°D37	29°28	25°59	20°11	M17
T 18	1 59 58	28°25'26	5♌23	29°47	14°35	0♎ 6	8°19	15° 2	1° 2	27° 9	1°24	0°37	29°25	26° 6	20° 9	T 18
W19	2 3 54	29°25'51	17°14	1♏23	15°50	0°45	8°23	15° 6	1° 3	27° 7	1°26	0°38	29°22	26°12	20° 7	W19
T 20	2 7 51	0♏26'18	29° 3	2°58	17° 5	1°24	8°27	15°10	1° 3	27° 6	1°29	0°40	29°18	26°19	20° 5	T 20
F 21	2 11 47	1°26'47	10♍54	4°33	18°20	2° 3	8°31	15°13	1° 4	27° 4	1°31	0°42	29°15	26°26	20° 3	F 21
S 22	2 15 44	2°27'17	22°52	6° 8	19°35	2°42	8°35	15°17	1° 5	27° 3	1°33	0°43	29°12	26°32	20° 1	S 22
S 23	2 19 40	3°27'49	5♎ 0	7°43	20°50	3°21	8°39	15°20	1° 6	27° 1	1°35	0°R43	29° 9	26°39	19°59	S 23
M24	2 23 37	4°28'24	17°22	9°17	22° 5	4° 0	8°44	15°24	1° 6	27° 0	1°37	0°42	29° 6	26°46	19°58	M24
T 25	2 27 34	5°28'59	29°59	10°51	23°20	4°39	8°49	15°27	1° 7	26°58	1°39	0°39	29° 3	26°52	19°56	T 25
W26	2 31 30	6°29'37	12♏51	12°25	24°35	5°19	8°54	15°30	1° 8	26°57	1°41	0°34	28°59	26°59	19°54	W26
T 27	2 35 27	7°30'16	25°59	13°58	25°50	5°58	8°59	15°33	1° 9	26°55	1°43	0°28	28°56	27° 6	19°52	T 27
F 28	2 39 23	8°30'56	9♐20	15°32	27° 5	6°37	9° 4	15°36	1°10	26°53	1°45	0°22	28°53	27°12	19°51	F 28
S 29	2 43 20	9°31'38	22°55	17° 5	28°20	7°16	9°10	15°38	1°11	26°52	1°47	0°15	28°50	27°19	19°49	S 29
S 30	2 47 16	10°32'21	6♑40	18°38	29°35	7°55	9°15	15°41	1°12	26°50	1°49	0°10	28°47	27°26	19°48	S 30
M31	2 51 13	11♏33'06	20♑33	20♏11	0♐50	8♎34	9♒21	15♌44	1♒14	26♉49	1♎51	0♈ 6	28♓43	27♌32	19♓46	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s32	27s26	5s 1	0n54	1n42	8s32	0n38	5n21	1n 5	19s35	1s11	17n49	1n 3	20s42	0s39	18n 5	1s42	14n55	16n39	0n21	0n 8	16n24	0n10	4n11
S 2	4 56	28 48	5 15	0 9	1 38	9 2	0 36	5 6	1 5	19 35	1 11	17 48	1 3	20 43	0 39	18 5	1 42	14 55	16 39	0 21	0 6	16 21	0 9	4 11
M 3	5 19	28 27	5 13	0s36	1 33	9 32	0 34	4 50	1 5	19 35	1 11	17 46	1 3	20 43	0 39	18 4	1 42	14 54	16 40	0 21	0 5	16 18	0 8	4 10
T 4	5 43	26 17	4 52	1 21	1 28	10 1	0 31	4 35	1 5	19 35	1 10	17 45	1 4	20 43	0 39	18 4	1 42	14 53	16 40	0 21	0 4	16 16	0 7	4 10
W 5	6 6	22 28	4 13	2 6	1 23	10 30	0 29	4 19	1 5	19 34	1 10	17 44	1 4	20 43	0 39	18 4	1 42	14 52	16 40	0 21	0 2	16 13	0 6	4 10
T 6	6 29	17 14	3 17	2 51	1 18	10 59	0 27	4 4	1 5	19 34	1 10	17 43	1 4	20 43	0 39	18 3	1 42	14 51	16 40	0 22	0 1	16 10	0 5	4 10
F 7	6 52	10 58	2 8	3 36	1 12	11 28	0 25	3 48	1 5	19 33	1 10	17 41	1 4	20 43	0 39	18 3	1 42	14 51	16 40	0 22	0s 0	16 7	0 3	4 10
S 8	7 15	4 4	0 51	4 20	1 6	11 56	0 22	3 32	1 4	19 33	1 10	17 40	1 4	20 42	0 39	18 3	1 42	14 50	16 40	0 22	0 1	16 4	0 2	4 10
S 9	7 38	3n 1	0n30	5 5	1 0	12 24	0 20	3 17	1 4	19 32	1 10	17 39	1 5	20 42	0 39	18 2	1 42	14 49	16 40	0 22	0 3	16 1	0 1	4 10
M10	8 1	9 53	1 48	5 49	0 54	12 52	0 17	3 1	1 4	19 32	1 10	17 38	1 5	20 42	0 39	18 2	1 42	14 48	16 41	0 22	0 4	15 58	0 0	4 9
T 11	8 24	16 8	2 58	6 33	0 48	13 19	0 15	2 45	1 4	19 31	1 9	17 37	1 5	20 42	0 39	18 2	1 42	14 48	16 41	0 21	0 5	15 55	0s 1	4 9
W12	8 46	21 25	3 55	7 16	0 41	13 47	0 13	2 29	1 4	19 30	1 9	17 36	1 5	20 42	0 39	18 1	1 43	14 47	16 41	0 20	0 6	15 52	0 2	4 9
T 13	9 9	25 24	4 38	7 59	0 35	14 13	0 10	2 14	1 3	19 29	1 9	17 34	1 5	20 42	0 39	18 1	1 43	14 46	16 41	0 19	0 8	15 49	0 3	4 9
F 14	9 31	27 54	5 4	8 42	0 28	14 40	0 8	1 58	1 3	19 29	1 9	17 33	1 5	20 42	0 39	18 1	1 43	14 46	16 42	0 17	0 9	15 46	0 4	4 9
S 15	9 54	28 50	5 14	9 24	0 21	15 6	0 5	1 42	1 3	19 28	1 9	17 32	1 6	20 42	0 39	18 0	1 43	14 45	16 42	0 16	0 10	15 43	0 5	4 8
S 16	10 16	28 15	5 9	10 5	0 15	15 32	0 3	1 26	1 3	19 27	1 9	17 31	1 6	20 42	0 39	18 0	1 43	14 44	16 42	0 15	0 12	15 40	0 6	4 8
M17	10 38	26 19	4 50	10 46	0 8	15 57	0 0	1 11	1 3	19 26	1 9	17 30	1 6	20 42	0 39	18 0	1 43	14 44	16 42	0 15	0 13	15 37	0 7	4 8
T 18	10 59	23 14	4 19	11 27	0 2	16 22	0s 2	0 55	1 2	19 25	1 8	17 29	1 6	20 42	0 39	17 59	1 43	14 43	16 42	0 15	0 14	15 34	0 8	4 8
W19	11 21	19 12	3 36	12 7	0s 5	16 46	0 5	0 39	1 2	19 24	1 8	17 28	1 6	20 41	0 39	17 59	1 43	14 42	16 43	0 15	0 15	15 31	0 9	4 8
T 20	11 42	14 27	2 45	12 46	0 12	17 10	0 7	0 23	1 2	19 22	1 8	17 28	1 7	20 41	0 38	17 59	1 43	14 42	16 43	0 16	0 17	15 28	0 10	4 7
F 21	12 3	9 10	1 47	13 25	0 18	17 34	0 10	0 7	1 2	19 21	1 8	17 27	1 7	20 41	0 38	17 58	1 43	14 41	16 43	0 17	0 18	15 25	0 11	4 7
S 22	12 25	3 30	0 43	14 3	0 25	17 57	0 12	0s 9	1 1	19 20	1 8	17 26	1 7	20 41	0 38	17 58	1 43	14 41	16 44	0 17	0 19	15 22	0 12	4 7
S 23	12 45	2s22	0s23	14 40	0 31	18 20	0 15	0 24	1 1	19 19	1 8	17 25	1 7	20 41	0 38	17 58	1 43	14 40	16 44	0 17	0 20	15 19	0 13	4 7
M24	13 6	8 15	1 30	15 17	0 38	18 42	0 18	0 40	1 1	19 17	1 8	17 24	1 7	20 40	0 38	17 57	1 43	14 39	16 44	0 17	0 22	15 16	0 14	4 7
T 25	13 26	13 55	2 33	15 53	0 44	19 3	0 20	0 56	1 1	19 16	1 8	17 24	1 8	20 40	0 38	17 57	1 43	14 39	16 45	0 16	0 23	15 13	0 15	4 6
W26	13 47	19 7	3 29	16 28	0 50	19 25	0 23	1 12	1 1	19 14	1 7	17 23	1 8	20 40	0 38	17 56	1 43	14 38	16 45	0 14	0 24	15 10	0 15	4 6
T 27	14 7	23 31	4 16	17 2	0 56	19 45	0 25	1 28	1 0	19 13	1 7	17 22	1 8	20 40	0 38	17 56	1 43	14 38	16 45	0 11	0 26	15 7	0 16	4 6
F 28	14 26	26 46	4 49	17 36	1 2	20 5	0 28	1 44	1 0	19 11	1 7	17 21	1 8	20 39	0 38	17 56	1 43	14 37	16 45	0 9	0 27	15 4	0 17	4 6
S 29	14 46	28 32	5 7	18 9	1 8	20 25	0 30	1 59	1 0	19 10	1 7	17 21	1 8	20 39	0 38	17 55	1 43	14 37	16 46	0 6	0 28	15 1	0 18	4 5
S 30	15 5	28 34	5 8	18 41	1 14	20 44	0 33	2 15	1 0	19 8	1 7	17 20	1 9	20 39	0 38	17 55	1 43	14 36	16 46	0 4	0 29	14 58	0 19	4 5
M31	15s24	26s48	4s50	19s11	1s20	21s 2	0s35	2s31	0n59	19s 6	1s 7	17n20	1n 9	20s39	0s38	17n55	1s43	14n36	16n47	0n 2	0s31	14n55	0s20	4n 5

Julian Day Number = 1991616.5, Delta T = 54m45s
Ecliptic obliquity = 23°36'17, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°11'56, Lahiri = 6°18'57 Julian Calendar 1 Oct. 740 == Greg. Calendar 5 Oct. 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

NOVEMBER 740 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 55 9	12♏33'51	4♒33	21♏43	2♐ 5	9♎14	9♒27	15♌46	1♒15	26°R47	1♎53	0°R 4	28♓40	27♌39	19°R45	T 1
W 2	2 59 6	13°34'37	18°39	23°16	3°20	9°53	9°33	15°48	1°16	26♉45	1°55	0°D 4	28°37	27°46	19♓44	W 2
T 3	3 3 3	14°35'25	2♓49	24°48	4°34	10°32	9°40	15°51	1°17	26°44	1°57	0♈ 5	28°34	27°52	19°42	T 3
F 4	3 6 59	15°36'13	17° 1	26°20	5°49	11°11	9°46	15°53	1°19	26°42	1°59	0° 6	28°31	27°59	19°41	F 4
S 5	3 10 56	16°37'02	1♈15	27°52	7° 4	11°51	9°53	15°55	1°20	26°40	2° 1	0°R 6	28°28	28° 6	19°40	S 5
S 6	3 14 52	17°37'53	15°26	29°24	8°19	12°30	10° 0	15°57	1°22	26°39	2° 2	0° 5	28°24	28°12	19°39	S 6
M 7	3 18 49	18°38'44	29°33	0♗55	9°34	13° 9	10° 7	15°59	1°23	26°37	2° 4	0° 2	28°21	28°19	19°37	M 7
T 8	3 22 45	19°39'37	13♉29	2°27	10°49	13°48	10°14	16° 0	1°25	26°35	2° 6	29♓56	28°18	28°26	19°36	T 8
W 9	3 26 42	20°40'30	27°12	3°58	12° 4	14°28	10°21	16° 2	1°26	26°34	2° 8	29°49	28°15	28°32	19°35	W 9
T 10	3 30 38	21°41'25	10♊39	5°29	13°18	15° 7	10°29	16° 4	1°28	26°32	2°10	29°39	28°12	28°39	19°34	T 10
F 11	3 34 35	22°42'22	23°46	6°59	14°33	15°46	10°36	16° 5	1°30	26°30	2°11	29°30	28° 8	28°46	19°33	F 11
S 12	3 38 32	23°43'19	6♋33	8°30	15°48	16°26	10°44	16° 6	1°32	26°28	2°13	29°20	28° 5	28°52	19°33	S 12
S 13	3 42 28	24°44'18	19° 1	9°59	17° 3	17° 5	10°52	16° 7	1°33	26°27	2°15	29°13	28° 2	28°59	19°32	S 13
M14	3 46 25	25°45'17	1♌13	11°29	18°18	17°45	11° 0	16° 9	1°35	26°25	2°16	29° 7	27°59	29° 6	19°31	M14
T 15	3 50 21	26°46'18	13°12	12°58	19°32	18°24	11° 9	16° 9	1°37	26°23	2°18	29° 4	27°56	29°12	19°30	T 15
W16	3 54 18	27°47'21	25° 3	14°26	20°47	19° 3	11°17	16°10	1°39	26°22	2°19	29°D 3	27°53	29°19	19°30	W16
T 17	3 58 14	28°48'24	6♍52	15°54	22° 2	19°43	11°25	16°11	1°41	26°20	2°21	29° 3	27°49	29°26	19°29	T 17
F 18	4 2 11	29°49'28	18°43	17°20	23°17	20°22	11°34	16°12	1°43	26°18	2°22	29° 4	27°46	29°32	19°29	F 18
S 19	4 6 7	0♗50'33	0♎42	18°46	24°31	21° 2	11°43	16°12	1°45	26°17	2°24	29°R 4	27°43	29°39	19°28	S 19
S 20	4 10 4	1°51'40	12°54	20°10	25°46	21°41	11°52	16°13	1°47	26°15	2°25	29° 3	27°40	29°46	19°28	S 20
M21	4 14 1	2°52'47	25°23	21°33	27° 1	22°21	12° 1	16°13	1°49	26°13	2°27	29° 0	27°37	29°52	19°27	M21
T 22	4 17 57	3°53'55	8♏13	22°54	28°16	23° 0	12°10	16°13	1°52	26°11	2°28	28°54	27°34	29°59	19°27	T 22
W23	4 21 54	4°55'05	21°23	24°14	29°30	23°40	12°20	16°R13	1°54	26°10	2°30	28°45	27°30	0♍ 6	19°27	W23
T 24	4 25 50	5°56'15	4♗54	25°31	0♑45	24°19	12°29	16°13	1°56	26° 8	2°31	28°34	27°27	0°12	19°27	T 24
F 25	4 29 47	6°57'25	18°43	26°45	2° 0	24°59	12°39	16°13	1°58	26° 6	2°32	28°23	27°24	0°19	19°27	F 25
S 26	4 33 43	7°58'36	2♑46	27°56	3°14	25°39	12°48	16°13	2° 1	26° 5	2°34	28°11	27°21	0°26	19°26	S 26
S 27	4 37 40	8°59'48	16°57	29° 3	4°29	26°18	12°58	16°12	2° 3	26° 3	2°35	28° 1	27°18	0°32	19°D26	S 27
M28	4 41 37	10° 0'59	1♒13	0♑ 6	5°44	26°58	13° 8	16°12	2° 6	26° 1	2°36	27°53	27°14	0°39	19°26	M28
T 29	4 45 33	11° 2'11	15°28	1° 4	6°58	27°37	13°18	16°11	2° 8	26° 0	2°37	27°48	27°11	0°46	19°27	T 29
W30	4 49 30	12♗ 3'23	29♒40	1♑57	8♑13	28♎17	13♒29	16♌10	2♒10	25♉58	2♎38	27♓46	27♓ 8	0♍52	19♓27	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s43	23s23	4s16	19s42	1s25	21s20	0s37	2s47	0n59	19s 5	1s 7	17n19	1n 9	20s38	0s38	17n54	1s43	14n36	16n47	0n 2	0s32	14n52	0s20	4n 5
W 2	16 1	18 35	3 25	20 11	1 31	21 37	0 40	3 2	0 59	19 3	1 6	17 19	1 9	20 38	0 38	17 54	1 43	14 35	16 47	0 1	0 33	14 49	0 21	4 4
T 3	16 20	12 45	2 22	20 39	1 36	21 54	0 42	3 18	0 58	19 1	1 6	17 18	1 10	20 38	0 38	17 53	1 43	14 35	16 48	0 2	0 34	14 46	0 22	4 4
F 4	16 38	6 14	1 10	21 6	1 41	22 10	0 45	3 34	0 58	18 59	1 6	17 18	1 10	20 37	0 38	17 53	1 43	14 34	16 48	0 2	0 36	14 43	0 23	4 4
S 5	16 55	0n36	0n 6	21 32	1 45	22 25	0 47	3 50	0 58	18 57	1 6	17 17	1 10	20 37	0 38	17 53	1 43	14 34	16 48	0 3	0 37	14 40	0 23	4 4
S 6	17 12	7 23	1 22	21 57	1 50	22 40	0 49	4 5	0 58	18 55	1 6	17 17	1 10	20 37	0 38	17 52	1 43	14 34	16 49	0 2	0 38	14 37	0 24	4 3
M 7	17 30	13 45	2 32	22 21	1 54	22 53	0 52	4 21	0 57	18 53	1 6	17 17	1 10	20 36	0 38	17 52	1 43	14 33	16 49	0 1	0 40	14 34	0 25	4 3
T 8	17 46	19 21	3 32	22 43	1 58	23 7	0 54	4 36	0 57	18 51	1 6	17 16	1 11	20 36	0 38	17 51	1 43	14 33	16 50	0s 1	0 41	14 30	0 25	4 3
W 9	18 3	23 51	4 18	23 5	2 2	23 19	0 56	4 52	0 57	18 49	1 5	17 16	1 11	20 36	0 38	17 51	1 43	14 33	16 50	0 5	0 42	14 27	0 26	4 3
T 10	18 19	26 58	4 49	23 25	2 5	23 31	0 59	5 8	0 56	18 47	1 5	17 16	1 11	20 35	0 38	17 51	1 43	14 32	16 51	0 8	0 43	14 24	0 27	4 2
F 11	18 35	28 31	5 4	23 44	2 8	23 43	1 1	5 23	0 56	18 45	1 5	17 15	1 11	20 35	0 38	17 50	1 43	14 32	16 51	0 12	0 45	14 21	0 27	4 2
S 12	18 50	28 29	5 3	24 2	2 11	23 53	1 3	5 39	0 56	18 42	1 5	17 15	1 11	20 34	0 38	17 50	1 43	14 32	16 51	0 16	0 46	14 18	0 28	4 2
S 13	19 5	27 0	4 48	24 18	2 14	24 3	1 5	5 54	0 56	18 40	1 5	17 15	1 12	20 34	0 38	17 50	1 43	14 32	16 52	0 19	0 47	14 15	0 28	4 2
M14	19 20	24 15	4 20	24 33	2 16	24 12	1 7	6 10	0 55	18 38	1 5	17 15	1 12	20 33	0 38	17 49	1 43	14 31	16 52	0 21	0 48	14 12	0 29	4 1
T 15	19 34	20 29	3 40	24 47	2 17	24 20	1 9	6 25	0 55	18 35	1 5	17 15	1 12	20 33	0 38	17 49	1 43	14 31	16 53	0 23	0 50	14 9	0 29	4 1
W16	19 48	15 57	2 52	24 59	2 18	24 28	1 11	6 40	0 55	18 33	1 5	17 15	1 12	20 33	0 38	17 48	1 43	14 31	16 53	0 23	0 51	14 6	0 30	4 1
T 17	20 2	10 51	1 56	25 9	2 19	24 35	1 13	6 56	0 54	18 30	1 5	17 15	1 13	20 32	0 38	17 48	1 43	14 31	16 54	0 23	0 52	14 3	0 30	4 1
F 18	20 15	5 20	0 55	25 18	2 19	24 41	1 15	7 11	0 54	18 28	1 4	17 15	1 13	20 32	0 38	17 48	1 43	14 31	16 54	0 23	0 54	14 0	0 31	4 0
S 19	20 28	0s25	0s 9	25 26	2 19	24 46	1 17	7 26	0 54	18 25	1 4	17 15	1 13	20 31	0 38	17 47	1 43	14 30	16 55	0 22	0 55	13 57	0 31	4 0
S 20	20 41	6 15	1 13	25 32	2 18	24 51	1 19	7 41	0 53	18 23	1 4	17 15	1 13	20 31	0 38	17 47	1 43	14 30	16 55	0 23	0 56	13 53	0 32	4 0
M21	20 53	11 59	2 16	25 36	2 16	24 55	1 21	7 56	0 53	18 20	1 4	17 15	1 13	20 30	0 38	17 46	1 43	14 30	16 56	0 24	0 57	13 50	0 32	3 59
T 22	21 4	17 22	3 13	25 39	2 14	24 58	1 22	8 12	0 52	18 17	1 4	17 15	1 14	20 30	0 38	17 46	1 43	14 30	16 56	0 27	0 59	13 47	0 32	3 59
W23	21 16	22 6	4 1	25 40	2 11	25 0	1 24	8 27	0 52	18 14	1 4	17 15	1 14	20 29	0 38	17 46	1 43	14 30	16 57	0 30	1 0	13 44	0 33	3 59
T 24	21 27	25 48	4 37	25 39	2 7	25 2	1 26	8 42	0 52	18 12	1 4	17 16	1 14	20 29	0 38	17 45	1 43	14 30	16 57	0 34	1 1	13 41	0 33	3 59
F 25	21 37	28 4	4 58	25 37	2 3	25 3	1 27	8 56	0 51	18 9	1 4	17 16	1 14	20 28	0 38	17 45	1 43	14 30	16 58	0 39	1 2	13 38	0 33	3 58
S 26	21 47	28 35	5 1	25 33	1 57	25 3	1 29	9 11	0 51	18 6	1 4	17 16	1 15	20 27	0 38	17 45	1 43	14 30	16 58	0 44	1 4	13 35	0 34	3 58
S 27	21 57	27 15	4 46	25 27	1 51	25 2	1 30	9 26	0 51	18 3	1 3	17 17	1 15	20 27	0 38	17 44	1 43	14 30	16 59	0 48	1 5	13 32	0 34	3 58
M28	22 6	24 8	4 13	25 20	1 43	25 0	1 32	9 41	0 50	18 0	1 3	17 17	1 15	20 26	0 37	17 44	1 43	14 30	16 59	0 51	1 6	13 29	0 34	3 58
T 29	22 15	19 33	3 24	25 11	1 35	24 58	1 33	9 56	0 50	17 57	1 3	17 17	1 15	20 26	0 37	17 43	1 43	14 30	17 0	0 53	1 8	13 25	0 34	3 57
W30	22s24	13s54	2s23	25s 1	1s25	24s55	1s34	10s10	0n49	17s54	1s 3	17n18	1n15	20s25	0s37	17n43	1s43	14n30	17n 0	0s54	1s 9	13n22	0s35	3n57

Julian Day Number = 1991647.5, Delta T = 54m44s
Ecliptic obliquity = 23°36'16, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'01, Lahiri = 6°19'01 Julian Calendar 1 Nov. 740 == Greg. Calendar 5 Nov. 740

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ASTRODIENST EPHEMERIS for the year 740
geocentric

DECEMBER 740 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 53 26	13♐ 4'35	13♓46	2♑42	9♑28	28♎57	13♒39	16°R10	2♒13	25°R57	2♎39	27°D45	27♓ 5	0♍59	19♓27	T 1
F 2	4 57 23	14° 5'47	27°45	3°21	10°42	29°36	13°50	16♌ 9	2°16	25♉55	2°41	27°R45	27° 2	1° 6	19°27	F 2
S 3	5 1 19	15° 6'59	11♈39	3°51	11°57	0♏16	14° 0	16° 8	2°18	25°53	2°42	27♓45	26°59	1°12	19°28	S 3
S 4	5 5 16	16° 8'11	25°25	4°12	13°11	0°56	14°11	16° 6	2°21	25°52	2°43	27°42	26°55	1°19	19°28	S 4
M 5	5 9 12	17° 9'23	9♉ 4	4°23	14°26	1°35	14°22	16° 5	2°24	25°50	2°44	27°37	26°52	1°25	19°28	M 5
T 6	5 13 9	18°10'34	22°35	4°R23	15°40	2°15	14°33	16° 4	2°26	25°49	2°45	27°28	26°49	1°32	19°29	T 6
W 7	5 17 6	19°11'46	5♊54	4°11	16°55	2°55	14°44	16° 2	2°29	25°47	2°45	27°17	26°46	1°39	19°29	W 7
T 8	5 21 2	20°12'58	19° 2	3°48	18° 9	3°35	14°55	16° 1	2°32	25°46	2°46	27° 4	26°43	1°45	19°30	T 8
F 9	5 24 59	21°14'11	1♋54	3°13	19°23	4°14	15° 6	15°59	2°35	25°44	2°47	26°50	26°40	1°52	19°31	F 9
S 10	5 28 55	22°15'23	14°32	2°27	20°38	4°54	15°17	15°57	2°37	25°43	2°48	26°36	26°36	1°59	19°31	S 10
S 11	5 32 52	23°16'35	26°55	1°30	21°52	5°34	15°29	15°55	2°40	25°41	2°49	26°24	26°33	2° 5	19°32	S 11
M12	5 36 48	24°17'47	9♌ 4	0°24	23° 6	6°14	15°40	15°53	2°43	25°40	2°50	26°15	26°30	2°12	19°33	M12
T 13	5 40 45	25°18'59	21° 1	29♐10	24°21	6°53	15°52	15°51	2°46	25°38	2°50	26° 8	26°27	2°19	19°34	T 13
W14	5 44 41	26°20'12	2♍52	27°52	25°35	7°33	16° 4	15°49	2°49	25°37	2°51	26° 5	26°24	2°25	19°35	W14
T 15	5 48 38	27°21'24	14°39	26°32	26°49	8°13	16°15	15°47	2°52	25°35	2°52	26° 3	26°20	2°32	19°36	T 15
F 16	5 52 35	28°22'36	26°29	25°12	28° 3	8°53	16°27	15°44	2°55	25°34	2°52	26° 3	26°17	2°39	19°37	F 16
S 17	5 56 31	29°23'49	8♎26	23°54	29°17	9°33	16°39	15°42	2°58	25°33	2°53	26° 3	26°14	2°45	19°38	S 17
S 18	6 0 28	0♑25'01	20°37	22°42	0♒32	10°13	16°51	15°39	3° 1	25°31	2°53	26° 2	26°11	2°52	19°39	S 18
M19	6 4 24	1°26'13	3♏ 7	21°37	1°46	10°53	17° 3	15°36	3° 4	25°30	2°54	25°58	26° 8	2°59	19°40	M19
T 20	6 8 21	2°27'26	16° 0	20°39	3° 0	11°32	17°16	15°34	3° 7	25°29	2°54	25°52	26° 5	3° 5	19°41	T 20
W21	6 12 17	3°28'38	29°19	19°51	4°14	12°12	17°28	15°31	3°10	25°27	2°55	25°44	26° 1	3°12	19°43	W21
T 22	6 16 14	4°29'49	13♐ 4	19°13	5°28	12°52	17°40	15°28	3°13	25°26	2°55	25°33	25°58	3°19	19°44	T 22
F 23	6 20 10	5°31'01	27°12	18°44	6°42	13°32	17°53	15°25	3°17	25°25	2°55	25°20	25°55	3°25	19°46	F 23
S 24	6 24 7	6°32'12	11♑39	18°25	7°56	14°12	18° 6	15°21	3°20	25°24	2°56	25° 8	25°52	3°32	19°47	S 24
S 25	6 28 4	7°33'22	26°19	18°14	9°10	14°52	18°18	15°18	3°23	25°23	2°56	24°57	25°49	3°39	19°49	S 25
M26	6 32 0	8°34'32	11♒ 2	18°D13	10°24	15°32	18°31	15°15	3°26	25°21	2°56	24°48	25°46	3°45	19°50	M26
T 27	6 35 57	9°35'41	25°42	18°20	11°37	16°12	18°44	15°12	3°29	25°20	2°56	24°43	25°42	3°52	19°52	T 27
W28	6 39 53	10°36'48	10♓13	18°34	12°51	16°52	18°57	15° 8	3°33	25°19	2°57	24°40	25°39	3°59	19°53	W28
T 29	6 43 50	11°37'55	24°30	18°56	14° 5	17°32	19° 9	15° 4	3°36	25°18	2°57	24°D39	25°36	4° 5	19°55	T 29
F 30	6 47 46	12°39'01	8♈33	19°23	15°19	18°12	19°22	15° 1	3°39	25°17	2°57	24°R40	25°33	4°12	19°57	F 30
S 31	6 51 43	13♑40'05	22♈21	19♐57	16♒32	18♏52	19♒36	14♌57	3♒43	25♉16	2♎57	24♓39	25♓30	4♍19	19♓59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s31	7s33	1s13	24s49	1s14	24s51	1s36	10s25	0n49	17s51	1s 3	17n18	1n16	20s25	0s37	17n43	1s43	14n30	17n 1	0s54	1s10	13n19	0s35	3n57
F 2	22 39	0 54	0n 0	24 36	1 2	24 47	1 37	10 39	0 49	17 48	1 3	17 19	1 16	20 24	0 37	17 42	1 43	14 30	17 1	0 54	1 11	13 16	0 35	3 56
S 3	22 46	5n45	1 13	24 22	0 49	24 41	1 38	10 54	0 48	17 45	1 3	17 19	1 16	20 23	0 37	17 42	1 43	14 30	17 2	0 54	1 13	13 13	0 35	3 56
S 4	22 53	12 5	2 21	24 6	0 34	24 35	1 39	11 8	0 48	17 41	1 3	17 20	1 16	20 23	0 37	17 42	1 43	14 30	17 3	0 55	1 14	13 10	0 35	3 56
M 5	22 59	17 46	3 20	23 50	0 18	24 28	1 40	11 22	0 47	17 38	1 3	17 20	1 16	20 22	0 37	17 41	1 43	14 30	17 3	0 57	1 15	13 7	0 35	3 56
T 6	23 4	22 31	4 7	23 33	0 1	24 21	1 41	11 36	0 47	17 35	1 3	17 21	1 17	20 21	0 37	17 41	1 43	14 31	17 4	1 1	1 16	13 3	0 35	3 55
W 7	23 10	26 2	4 40	23 15	0n17	24 12	1 41	11 50	0 46	17 31	1 2	17 22	1 17	20 21	0 37	17 41	1 42	14 31	17 4	1 5	1 18	13 0	0 35	3 55
T 8	23 14	28 5	4 57	22 57	0 36	24 3	1 42	12 4	0 46	17 28	1 2	17 22	1 17	20 20	0 37	17 40	1 42	14 31	17 5	1 11	1 19	12 57	0 35	3 55
F 9	23 19	28 34	4 59	22 38	0 55	23 53	1 43	12 18	0 45	17 25	1 2	17 23	1 17	20 20	0 37	17 40	1 42	14 31	17 5	1 16	1 20	12 54	0 35	3 55
S 10	23 23	27 32	4 46	22 20	1 15	23 43	1 43	12 32	0 45	17 21	1 2	17 24	1 18	20 19	0 37	17 40	1 42	14 31	17 6	1 22	1 21	12 51	0 35	3 54
S 11	23 26	25 9	4 19	22 1	1 35	23 31	1 44	12 46	0 45	17 18	1 2	17 25	1 18	20 18	0 37	17 39	1 42	14 31	17 7	1 26	1 23	12 48	0 35	3 54
M12	23 29	21 40	3 41	21 42	1 54	23 20	1 44	13 0	0 44	17 14	1 2	17 25	1 18	20 17	0 37	17 39	1 42	14 32	17 7	1 30	1 24	12 44	0 35	3 54
T 13	23 31	17 20	2 54	21 24	2 12	23 7	1 45	13 13	0 44	17 11	1 2	17 26	1 18	20 17	0 37	17 39	1 42	14 32	17 8	1 33	1 25	12 41	0 35	3 54
W14	23 33	12 23	1 59	21 7	2 28	22 54	1 45	13 27	0 43	17 7	1 2	17 27	1 18	20 16	0 37	17 38	1 42	14 32	17 8	1 34	1 27	12 38	0 35	3 53
T 15	23 35	7 0	1 0	20 51	2 43	22 40	1 45	13 40	0 43	17 3	1 2	17 28	1 19	20 15	0 37	17 38	1 42	14 32	17 9	1 35	1 28	12 35	0 35	3 53
F 16	23 36	1 23	0s 2	20 36	2 55	22 25	1 45	13 54	0 42	17 0	1 2	17 29	1 19	20 15	0 37	17 38	1 42	14 33	17 9	1 35	1 29	12 32	0 35	3 53
S 17	23 36	4s22	1 5	20 23	3 5	22 10	1 46	14 7	0 42	16 56	1 2	17 30	1 19	20 14	0 37	17 38	1 42	14 33	17 10	1 35	1 30	12 29	0 34	3 52
S 18	23 36	10 3	2 6	20 12	3 13	21 54	1 46	14 20	0 41	16 52	1 2	17 31	1 19	20 13	0 37	17 37	1 42	14 33	17 11	1 35	1 32	12 25	0 34	3 52
M19	23 36	15 30	3 3	20 3	3 18	21 37	1 45	14 33	0 41	16 48	1 2	17 32	1 19	20 13	0 37	17 37	1 42	14 34	17 11	1 37	1 33	12 22	0 34	3 52
T 20	23 35	20 26	3 52	19 56	3 20	21 20	1 45	14 46	0 40	16 45	1 2	17 33	1 20	20 12	0 37	17 37	1 42	14 34	17 12	1 39	1 34	12 19	0 34	3 52
W21	23 34	24 32	4 30	19 52	3 21	21 2	1 45	14 59	0 40	16 41	1 1	17 34	1 20	20 11	0 37	17 36	1 42	14 34	17 12	1 43	1 35	12 16	0 33	3 51
T 22	23 32	27 23	4 54	19 51	3 20	20 44	1 45	15 11	0 39	16 37	1 1	17 35	1 20	20 10	0 37	17 36	1 42	14 35	17 13	1 47	1 37	12 13	0 33	3 51
F 23	23 29	28 35	5 0	19 52	3 16	20 25	1 44	15 24	0 38	16 33	1 1	17 36	1 20	20 10	0 37	17 36	1 42	14 35	17 14	1 52	1 38	12 9	0 33	3 51
S 24	23 27	27 53	4 48	19 55	3 12	20 5	1 44	15 36	0 38	16 29	1 1	17 37	1 20	20 9	0 37	17 36	1 42	14 36	17 14	1 57	1 39	12 6	0 32	3 51
S 25	23 23	25 15	4 17	19 59	3 6	19 45	1 43	15 49	0 37	16 25	1 1	17 38	1 21	20 8	0 37	17 35	1 42	14 36	17 15	2 1	1 41	12 3	0 32	3 50
M26	23 19	20 56	3 29	20 6	2 59	19 24	1 43	16 1	0 37	16 21	1 1	17 40	1 21	20 7	0 37	17 35	1 42	14 37	17 15	2 5	1 42	12 0	0 32	3 50
T 27	23 15	15 21	2 27	20 14	2 52	19 3	1 42	16 13	0 36	16 17	1 1	17 41	1 21	20 7	0 37	17 35	1 42	14 37	17 16	2 7	1 43	11 57	0 31	3 50
W28	23 11	8 58	1 16	20 24	2 43	18 41	1 41	16 25	0 36	16 13	1 1	17 42	1 21	20 6	0 37	17 35	1 42	14 37	17 16	2 8	1 44	11 53	0 31	3 50
T 29	23 5	2 13	0 1	20 34	2 34	18 19	1 40	16 37	0 35	16 9	1 1	17 43	1 21	20 5	0 37	17 35	1 42	14 38	17 17	2 8	1 46	11 50	0 30	3 49
F 30	23 0	4n32	1n13	20 46	2 25	17 56	1 39	16 49	0 34	16 5	1 1	17 44	1 22	20 4	0 37	17 34	1 42	14 38	17 18	2 8	1 47	11 47	0 30	3 49
S 31	22s54	10n56	2n21	20s58	2n16	17s33	1s38	17s 1	0n34	16s 0	1s 1	17n46	1n22	20s 3	0s37	17n34	1s42	14n39	17n18	2s 8	1s48	11n44	0s29	3n49

Julian Day Number = 1991677.5, Delta T = 54m43s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'05, Lahiri = 6°19'05 Julian Calendar 1 Dec. 740 == Greg. Calendar 5 Dec. 740

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ASTRODIENST EPHEMERIS for the year 741
geocentric

JANUARY 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 55 40	14♉41'09	5♉54	20♐35	17♒46	19♏32	19♒49	14°R53	3♒46	25°R15	2°R57	24°R37	25♓26	4♍25	20♓ 1	S 1
M 2	6 59 36	15°42'11	19°15	21°18	18°59	20°12	20° 2	14♌49	3°49	25♉14	2♎57	24♓33	25°23	4°32	20° 3	M 2
T 3	7 3 33	16°43'12	2♊23	22° 6	20°13	20°52	20°15	14°45	3°53	25°13	2°57	24°26	25°20	4°39	20° 4	T 3
W 4	7 7 29	17°44'12	15°20	22°57	21°26	21°32	20°28	14°41	3°56	25°12	2°57	24°16	25°17	4°45	20° 6	W 4
T 5	7 11 26	18°45'11	28° 5	23°52	22°40	22°12	20°42	14°37	3°59	25°11	2°57	24° 4	25°14	4°52	20° 9	T 5
F 6	7 15 22	19°46'09	10♋39	24°50	23°53	22°52	20°55	14°33	4° 3	25°11	2°57	23°52	25°11	4°59	20°11	F 6
S 7	7 19 19	20°47'06	23° 2	25°51	25° 6	23°32	21° 9	14°29	4° 6	25°10	2°56	23°40	25° 7	5° 5	20°13	S 7
S 8	7 23 15	21°48'02	5♌14	26°55	26°19	24°12	21°22	14°25	4°10	25° 9	2°56	23°29	25° 4	5°12	20°15	S 8
M 9	7 27 12	22°48'56	17°16	28° 1	27°32	24°52	21°36	14°21	4°13	25° 8	2°56	23°21	25° 1	5°19	20°17	M 9
T 10	7 31 9	23°49'50	29°10	29° 9	28°45	25°33	21°49	14°16	4°17	25° 7	2°56	23°15	24°58	5°25	20°19	T 10
W11	7 35 5	24°50'42	10♍58	0♑19	29°58	26°13	22° 3	14°12	4°20	25° 7	2°55	23°12	24°55	5°32	20°22	W11
T 12	7 39 2	25°51'34	22°45	1°31	1♓11	26°53	22°17	14° 7	4°23	25° 6	2°55	23°D11	24°52	5°38	20°24	T 12
F 13	7 42 58	26°52'24	4♎33	2°45	2°24	27°33	22°31	14° 3	4°27	25° 5	2°55	23°12	24°48	5°45	20°27	F 13
S 14	7 46 55	27°53'14	16°30	4° 1	3°37	28°13	22°44	13°58	4°30	25° 5	2°54	23°13	24°45	5°52	20°29	S 14
S 15	7 50 51	28°54'02	28°38	5°18	4°50	28°53	22°58	13°54	4°34	25° 4	2°54	23°R13	24°42	5°58	20°31	S 15
M16	7 54 48	29°54'49	11♏ 5	6°36	6° 2	29°33	23°12	13°49	4°37	25° 4	2°53	23°12	24°39	6° 5	20°34	M16
T 17	7 58 44	0♒55'36	23°54	7°56	7°15	0♐14	23°26	13°45	4°41	25° 3	2°53	23°10	24°36	6°12	20°37	T 17
W18	8 2 41	1°56'21	7♐11	9°17	8°27	0°54	23°40	13°40	4°44	25° 3	2°52	23° 5	24°32	6°18	20°39	W18
T 19	8 6 38	2°57'05	20°55	10°39	9°40	1°34	23°54	13°35	4°48	25° 2	2°52	22°58	24°29	6°25	20°42	T 19
F 20	8 10 34	3°57'48	5♑ 8	12° 3	10°52	2°14	24° 8	13°30	4°51	25° 2	2°51	22°50	24°26	6°32	20°44	F 20
S 21	8 14 31	4°58'30	19°46	13°27	12° 4	2°54	24°22	13°26	4°55	25° 2	2°50	22°42	24°23	6°38	20°47	S 21
S 22	8 18 27	5°59'10	4♒41	14°53	13°17	3°35	24°36	13°21	4°58	25° 1	2°50	22°35	24°20	6°45	20°50	S 22
M23	8 22 24	6°59'49	19°45	16°20	14°29	4°15	24°51	13°16	5° 2	25° 1	2°49	22°29	24°17	6°52	20°53	M23
T 24	8 26 20	8° 0'25	4♓49	17°47	15°41	4°55	25° 5	13°11	5° 5	25° 1	2°48	22°26	24°13	6°58	20°56	T 24
W25	8 30 17	9° 1'00	19°43	19°16	16°53	5°35	25°19	13° 6	5° 9	25° 0	2°47	22°D25	24°10	7° 5	20°58	W25
T 26	8 34 13	10° 1'34	4♈21	20°46	18° 4	6°15	25°33	13° 2	5°12	25° 0	2°46	22°25	24° 7	7°12	21° 1	T 26
F 27	8 38 10	11° 2'05	18°39	22°16	19°16	6°56	25°48	12°57	5°16	25° 0	2°46	22°27	24° 4	7°18	21° 4	F 27
S 28	8 42 7	12° 2'34	2♉35	23°48	20°28	7°36	26° 2	12°52	5°19	25° 0	2°45	22°28	24° 1	7°25	21° 7	S 28
S 29	8 46 3	13° 3'02	16°10	25°20	21°39	8°16	26°16	12°47	5°23	25° 0	2°44	22°R28	23°58	7°32	21°10	S 29
M30	8 50 0	14° 3'27	29°25	26°54	22°51	8°56	26°30	12°42	5°26	25° 0	2°43	22°27	23°54	7°38	21°13	M30
T 31	8 53 56	15♒ 3'51	12♊22	28♑29	24♓ 2	9♐36	26♒45	12♌37	5♒29	25°D 0	2♎42	22♓24	23♓51	7♍45	21♓16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s47	16n44	3n20	21s10	2n 6	17s 9	1s37	17s12	0n33	15s56	1s 1	17n47	1n22	20s 3	0s37	17n34	1s41	14n39	17n19	2s 9	1s49	11n41	0s29	3n49
M 2	22 40	21 37	4 8	21 23	1 56	16 45	1 36	17 24	0 33	15 52	1 1	17 48	1 22	20 2	0 37	17 34	1 41	14 40	17 19	2 11	1 51	11 37	0 28	3 48
T 3	22 33	25 22	4 41	21 36	1 46	16 20	1 34	17 35	0 32	15 48	1 1	17 50	1 22	20 1	0 37	17 34	1 41	14 41	17 20	2 14	1 52	11 34	0 28	3 48
W 4	22 25	27 44	4 59	21 49	1 36	15 55	1 33	17 46	0 31	15 43	1 1	17 51	1 22	20 0	0 37	17 34	1 41	14 41	17 21	2 18	1 53	11 31	0 27	3 48
T 5	22 17	28 37	5 2	22 2	1 26	15 30	1 32	17 57	0 31	15 39	1 1	17 52	1 23	19 59	0 37	17 33	1 41	14 42	17 21	2 22	1 54	11 28	0 27	3 48
F 6	22 8	27 59	4 50	22 14	1 16	15 4	1 30	18 8	0 30	15 35	1 1	17 54	1 23	19 59	0 37	17 33	1 41	14 42	17 22	2 27	1 56	11 24	0 26	3 47
S 7	21 59	25 58	4 24	22 26	1 6	14 38	1 28	18 19	0 29	15 30	1 1	17 55	1 23	19 58	0 37	17 33	1 41	14 43	17 22	2 32	1 57	11 21	0 25	3 47
S 8	21 50	22 45	3 47	22 37	0 57	14 11	1 27	18 29	0 29	15 26	1 1	17 57	1 23	19 57	0 37	17 33	1 41	14 43	17 23	2 36	1 58	11 18	0 25	3 47
M 9	21 40	18 37	3 0	22 48	0 47	13 44	1 25	18 40	0 28	15 22	1 1	17 58	1 23	19 56	0 37	17 33	1 41	14 44	17 23	2 40	2 0	11 15	0 24	3 47
T 10	21 29	13 48	2 5	22 58	0 38	13 17	1 23	18 50	0 27	15 17	1 1	17 59	1 23	19 55	0 37	17 33	1 41	14 45	17 24	2 42	2 1	11 11	0 23	3 47
W11	21 18	8 30	1 5	23 8	0 28	12 49	1 21	19 0	0 27	15 13	1 1	18 1	1 23	19 54	0 37	17 33	1 41	14 45	17 25	2 43	2 2	11 8	0 23	3 46
T 12	21 7	2 56	0 2	23 16	0 19	12 21	1 19	19 10	0 26	15 8	1 1	18 2	1 24	19 54	0 37	17 32	1 41	14 46	17 25	2 43	2 3	11 5	0 22	3 46
F 13	20 56	2s45	1s 1	23 24	0 10	11 53	1 17	19 20	0 25	15 4	1 1	18 4	1 24	19 53	0 37	17 32	1 41	14 47	17 26	2 43	2 5	11 2	0 21	3 46
S 14	20 44	8 24	2 2	23 31	0 2	11 24	1 15	19 30	0 25	14 59	1 1	18 5	1 24	19 52	0 37	17 32	1 41	14 47	17 26	2 43	2 6	10 58	0 20	3 46
S 15	20 31	13 51	2 59	23 37	0s 7	10 56	1 12	19 40	0 24	14 54	1 1	18 7	1 24	19 51	0 37	17 32	1 41	14 48	17 27	2 43	2 7	10 55	0 20	3 45
M16	20 19	18 52	3 49	23 41	0 15	10 27	1 10	19 49	0 23	14 50	1 1	18 8	1 24	19 50	0 37	17 32	1 41	14 49	17 27	2 43	2 8	10 52	0 19	3 45
T 17	20 5	23 13	4 29	23 45	0 23	9 57	1 8	19 58	0 22	14 45	1 1	18 10	1 24	19 49	0 37	17 32	1 41	14 49	17 28	2 44	2 10	10 49	0 18	3 45
W18	19 52	26 31	4 56	23 47	0 31	9 28	1 5	20 8	0 22	14 40	1 1	18 11	1 24	19 49	0 37	17 32	1 41	14 50	17 28	2 46	2 11	10 45	0 17	3 45
T 19	19 38	28 24	5 7	23 49	0 38	8 58	1 2	20 17	0 21	14 36	1 1	18 13	1 25	19 48	0 37	17 32	1 40	14 51	17 29	2 49	2 12	10 42	0 16	3 45
F 20	19 24	28 30	5 0	23 49	0 46	8 28	1 0	20 25	0 20	14 31	1 1	18 14	1 25	19 47	0 37	17 32	1 40	14 52	17 29	2 52	2 14	10 39	0 15	3 44
S 21	19 9	26 39	4 34	23 47	0 53	7 57	0 57	20 34	0 19	14 26	1 1	18 16	1 25	19 46	0 37	17 32	1 40	14 52	17 30	2 55	2 15	10 36	0 15	3 44
S 22	18 54	22 56	3 49	23 45	0 59	7 27	0 54	20 43	0 19	14 22	1 1	18 17	1 25	19 45	0 37	17 32	1 40	14 53	17 31	2 58	2 16	10 32	0 14	3 44
M23	18 39	17 38	2 47	23 41	1 6	6 56	0 51	20 51	0 18	14 17	1 1	18 19	1 25	19 44	0 37	17 32	1 40	14 54	17 31	3 0	2 17	10 29	0 13	3 44
T 24	18 23	11 16	1 34	23 36	1 12	6 26	0 48	20 59	0 17	14 12	1 1	18 20	1 25	19 44	0 37	17 32	1 40	14 55	17 32	3 1	2 19	10 26	0 12	3 44
W25	18 8	4 19	0 15	23 30	1 18	5 55	0 45	21 7	0 16	14 7	1 1	18 22	1 25	19 43	0 37	17 32	1 40	14 55	17 32	3 2	2 20	10 23	0 11	3 43
T 26	17 51	2n44	1n 4	23 22	1 24	5 24	0 42	21 15	0 15	14 2	1 1	18 23	1 25	19 42	0 37	17 32	1 40	14 56	17 33	3 2	2 21	10 19	0 10	3 43
F 27	17 35	9 29	2 18	23 13	1 29	4 53	0 39	21 23	0 15	13 57	1 1	18 25	1 25	19 41	0 37	17 32	1 40	14 57	17 33	3 1	2 22	10 16	0 9	3 43
S 28	17 18	15 36	3 21	23 2	1 34	4 21	0 36	21 30	0 14	13 53	1 1	18 26	1 26	19 40	0 37	17 32	1 40	14 58	17 34	3 1	2 24	10 13	0 8	3 43
S 29	17 1	20 47	4 11	22 50	1 39	3 50	0 33	21 37	0 13	13 48	1 1	18 27	1 26	19 39	0 37	17 32	1 40	14 58	17 34	3 1	2 25	10 9	0 7	3 43
M30	16 43	24 49	4 46	22 36	1 43	3 18	0 29	21 45	0 12	13 43	1 1	18 29	1 26	19 38	0 37	17 32	1 40	14 59	17 34	3 1	2 26	10 6	0 6	3 43
T 31	16s26	27n29	5n 6	22s21	1s47	2s47	0s26	21s52	0n11	13s38	1s 1	18n30	1n26	19s38	0s37	17n32	1s40	15n 0	17n35	3s 2	2s27	10n 3	0s 5	3n42

Julian Day Number = 1991708.5, Delta T = 54m42s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'09, Lahiri = 6°19'09 Julian Calendar 1 Jan. 741 == Greg. Calendar 5 Jan. 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

FEBRUARY 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 57 53	16♒ 4'13	25♊ 3	0♒ 4	25♓13	10♐17	26♒59	12°R33	5♒33	25♉ 0	2°R41	22°R19	23♓48	7♍52	21♓19	W 1
T 2	9 1 49	17° 4'32	7♋32	1°41	26°24	10°57	27°14	12♌28	5°36	25° 0	2♎40	22♓13	23°45	7°58	21°22	T 2
F 3	9 5 46	18° 4'50	19°50	3°18	27°35	11°37	27°28	12°23	5°40	25° 0	2°39	22° 7	23°42	8° 5	21°25	F 3
S 4	9 9 43	19° 5'05	1♌58	4°56	28°46	12°17	27°42	12°18	5°43	25° 0	2°38	22° 1	23°38	8°11	21°29	S 4
S 5	9 13 39	20° 5'19	13°58	6°36	29°57	12°58	27°57	12°13	5°47	25° 0	2°37	21°55	23°35	8°18	21°32	S 5
M 6	9 17 36	21° 5'31	25°52	8°16	1♈ 8	13°38	28°11	12° 9	5°50	25° 0	2°36	21°51	23°32	8°25	21°35	M 6
T 7	9 21 32	22° 5'41	7♍42	9°58	2°18	14°18	28°26	12° 4	5°53	25° 1	2°34	21°49	23°29	8°31	21°38	T 7
W 8	9 25 29	23° 5'49	19°29	11°40	3°29	14°58	28°40	11°59	5°57	25° 1	2°33	21°D48	23°26	8°38	21°41	W 8
T 9	9 29 25	24° 5'55	1♎17	13°24	4°39	15°39	28°55	11°54	6° 0	25° 1	2°32	21°48	23°23	8°45	21°45	T 9
F 10	9 33 22	25° 6'00	13° 8	15° 9	5°49	16°19	29° 9	11°50	6° 3	25° 1	2°31	21°49	23°19	8°51	21°48	F 10
S 11	9 37 18	26° 6'02	25° 7	16°55	6°59	16°59	29°24	11°45	6° 7	25° 2	2°30	21°51	23°16	8°58	21°51	S 11
S 12	9 41 15	27° 6'04	7♏16	18°41	8° 9	17°39	29°38	11°40	6°10	25° 2	2°28	21°53	23°13	9° 5	21°55	S 12
M13	9 45 11	28° 6'03	19°41	20°29	9°19	18°20	29°53	11°36	6°13	25° 3	2°27	21°54	23°10	9°11	21°58	M13
T 14	9 49 8	29° 6'01	2♐27	22°19	10°28	19° 0	0♓ 7	11°31	6°17	25° 3	2°26	21°R54	23° 7	9°18	22° 1	T 14
W15	9 53 5	0♓ 5'57	15°36	24° 9	11°38	19°40	0°22	11°27	6°20	25° 3	2°24	21°53	23° 4	9°25	22° 5	W15
T 16	9 57 1	1° 5'52	29°13	26° 0	12°47	20°20	0°36	11°22	6°23	25° 4	2°23	21°52	23° 0	9°31	22° 8	T 16
F 17	10 0 58	2° 5'44	13♑17	27°53	13°56	21° 1	0°51	11°18	6°26	25° 5	2°22	21°49	22°57	9°38	22°12	F 17
S 18	10 4 54	3° 5'35	27°48	29°46	15° 5	21°41	1° 5	11°14	6°30	25° 5	2°20	21°47	22°54	9°45	22°15	S 18
S 19	10 8 51	4° 5'24	12♒41	1♓41	16°14	22°21	1°20	11° 9	6°33	25° 6	2°19	21°44	22°51	9°51	22°18	S 19
M20	10 12 47	5° 5'11	27°49	3°37	17°23	23° 1	1°34	11° 5	6°36	25° 6	2°17	21°43	22°48	9°58	22°22	M20
T 21	10 16 44	6° 4'56	13♓ 2	5°33	18°31	23°42	1°49	11° 1	6°39	25° 7	2°16	21°42	22°44	10° 5	22°25	T 21
W22	10 20 40	7° 4'39	28°11	7°31	19°40	24°22	2° 3	10°57	6°42	25° 8	2°14	21°D42	22°41	10°11	22°29	W22
T 23	10 24 37	8° 4'20	13♈ 7	9°29	20°48	25° 2	2°18	10°53	6°45	25° 9	2°13	21°42	22°38	10°18	22°32	T 23
F 24	10 28 34	9° 3'58	27°43	11°29	21°56	25°42	2°32	10°49	6°48	25° 9	2°11	21°43	22°35	10°24	22°36	F 24
S 25	10 32 30	10° 3'35	11♉54	13°29	23° 4	26°22	2°47	10°45	6°52	25°10	2°10	21°44	22°32	10°31	22°39	S 25
S 26	10 36 27	11° 3'08	25°40	15°29	24°11	27° 3	3° 1	10°41	6°55	25°11	2° 8	21°45	22°29	10°38	22°43	S 26
M27	10 40 23	12° 2'40	9♊ 0	17°30	25°19	27°43	3°16	10°37	6°58	25°12	2° 7	21°R45	22°25	10°44	22°47	M27
T 28	10 44 20	13♓ 2'09	21♊56	19♓31	26♈26	28♐23	3♓30	10♌34	7♒ 1	25♉13	2♎ 5	21♓45	22♓22	10♍51	22♓50	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s 8	28n41	5n11	22s 5	1s51	2s15	0s23	21s58	0n10	13s33	1s 1	18n32	1n26	19s37	0s37	17n32	1s40	15n 1	17n35	3s 4	2s29	10n 0	0s 4	3n42
T 2	15 49	28 23	5 0	21 46	1 54	1 44	0 19	22 5	0 9	13 28	1 1	18 33	1 26	19 36	0 37	17 32	1 40	15 2	17 36	3 6	2 30	9 56	0 3	3 42
F 3	15 31	26 40	4 36	21 27	1 57	1 12	0 16	22 12	0 8	13 23	1 1	18 35	1 26	19 35	0 37	17 32	1 40	15 2	17 36	3 9	2 31	9 53	0 2	3 42
S 4	15 12	23 44	3 59	21 6	2 0	0 40	0 12	22 18	0 8	13 18	1 1	18 36	1 26	19 34	0 37	17 32	1 39	15 3	17 37	3 11	2 32	9 50	0 1	3 42
S 5	14 53	19 49	3 12	20 43	2 2	0 9	0 8	22 24	0 7	13 13	1 1	18 38	1 26	19 33	0 37	17 32	1 39	15 4	17 37	3 13	2 34	9 46	0n 1	3 42
M 6	14 34	15 8	2 17	20 19	2 4	0n23	0 5	22 30	0 6	13 8	1 1	18 39	1 26	19 33	0 37	17 33	1 39	15 5	17 38	3 15	2 35	9 43	0 2	3 41
T 7	14 14	9 55	1 17	19 53	2 5	0 55	0 1	22 36	0 5	13 3	1 1	18 40	1 26	19 32	0 37	17 33	1 39	15 6	17 38	3 16	2 36	9 40	0 3	3 41
W 8	13 55	4 23	0 13	19 25	2 6	1 26	0n 3	22 41	0 4	12 58	1 1	18 42	1 26	19 31	0 37	17 33	1 39	15 7	17 38	3 17	2 38	9 36	0 4	3 41
T 9	13 35	1s19	0s52	18 56	2 7	1 58	0 7	22 47	0 3	12 53	1 1	18 43	1 26	19 30	0 37	17 33	1 39	15 7	17 39	3 16	2 39	9 33	0 5	3 41
F 10	13 15	6 59	1 55	18 25	2 7	2 29	0 11	22 52	0 2	12 48	1 1	18 45	1 27	19 29	0 37	17 33	1 39	15 8	17 39	3 16	2 40	9 30	0 6	3 41
S 11	12 54	12 28	2 53	17 53	2 6	3 1	0 15	22 57	0 1	12 43	1 1	18 46	1 27	19 28	0 37	17 33	1 39	15 9	17 40	3 15	2 41	9 27	0 7	3 41
S 12	12 34	17 34	3 45	17 19	2 6	3 32	0 19	23 2	0s 0	12 38	1 1	18 47	1 27	19 28	0 37	17 33	1 39	15 10	17 40	3 14	2 43	9 23	0 9	3 41
M13	12 13	22 4	4 27	16 43	2 5	4 4	0 23	23 6	0 1	12 33	1 1	18 49	1 27	19 27	0 37	17 34	1 39	15 11	17 40	3 14	2 44	9 20	0 10	3 40
T 14	11 52	25 39	4 58	16 6	2 3	4 35	0 27	23 11	0 2	12 27	1 1	18 50	1 27	19 26	0 37	17 34	1 39	15 12	17 41	3 14	2 45	9 17	0 11	3 40
W15	11 31	28 1	5 14	15 27	2 1	5 6	0 31	23 15	0 3	12 22	1 1	18 51	1 27	19 25	0 37	17 34	1 39	15 12	17 41	3 14	2 46	9 13	0 12	3 40
T 16	11 10	28 49	5 13	14 47	1 58	5 37	0 35	23 19	0 4	12 17	1 1	18 53	1 27	19 24	0 37	17 34	1 39	15 13	17 41	3 15	2 48	9 10	0 14	3 40
F 17	10 48	27 49	4 54	14 5	1 55	6 8	0 39	23 23	0 5	12 12	1 1	18 54	1 27	19 24	0 37	17 34	1 39	15 14	17 42	3 16	2 49	9 7	0 15	3 40
S 18	10 26	24 55	4 16	13 22	1 51	6 39	0 43	23 27	0 6	12 7	1 1	18 55	1 27	19 23	0 37	17 34	1 39	15 15	17 42	3 17	2 50	9 3	0 16	3 40
S 19	10 5	20 18	3 19	12 36	1 47	7 9	0 48	23 30	0 7	12 2	1 1	18 56	1 27	19 22	0 37	17 35	1 39	15 16	17 42	3 18	2 51	9 0	0 17	3 40
M20	9 43	14 19	2 8	11 50	1 42	7 40	0 52	23 34	0 9	11 57	1 1	18 57	1 27	19 21	0 37	17 35	1 38	15 17	17 43	3 19	2 53	8 57	0 19	3 40
T 21	9 21	7 27	0 48	11 2	1 36	8 10	0 56	23 37	0 10	11 51	1 1	18 59	1 27	19 20	0 37	17 35	1 38	15 17	17 43	3 19	2 54	8 53	0 20	3 40
W22	8 58	0 11	0n36	10 12	1 30	8 40	1 0	23 40	0 11	11 46	1 1	19 0	1 27	19 20	0 37	17 35	1 38	15 18	17 43	3 19	2 55	8 50	0 21	3 39
T 23	8 36	7n 0	1 56	9 21	1 24	9 10	1 5	23 42	0 12	11 41	1 1	19 1	1 27	19 19	0 37	17 36	1 38	15 19	17 43	3 19	2 57	8 47	0 22	3 39
F 24	8 14	13 38	3 7	8 29	1 17	9 40	1 9	23 45	0 13	11 36	1 2	19 2	1 27	19 18	0 37	17 36	1 38	15 20	17 44	3 18	2 58	8 43	0 24	3 39
S 25	7 51	19 22	4 4	7 36	1 9	10 9	1 13	23 47	0 14	11 31	1 2	19 3	1 27	19 17	0 37	17 36	1 38	15 21	17 44	3 18	2 59	8 40	0 25	3 39
S 26	7 28	23 55	4 45	6 41	1 1	10 39	1 18	23 50	0 15	11 25	1 2	19 4	1 27	19 17	0 37	17 36	1 38	15 22	17 44	3 18	3 0	8 37	0 26	3 39
M27	7 5	27 3	5 10	5 46	0 52	11 8	1 22	23 52	0 16	11 20	1 2	19 5	1 27	19 16	0 38	17 37	1 38	15 22	17 44	3 17	3 2	8 33	0 28	3 39
T 28	6s43	28n38	5n17	4s50	0s42	11n36	1n26	23s53	0s18	11s15	1s 2	19n 6	1n27	19s15	0s38	17n37	1s38	15n23	17n45	3s18	3s 3	8n30	0n29	3n39

Julian Day Number = 1991739.5, Delta T = 54m42s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'13, Lahiri = 6°19'14 Julian Calendar 1 Feb. 741 == Greg. Calendar 5 Feb. 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

MARCH 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 48 16	14♓ 1'36	4♋33	21♓32	27♈33	29♐ 3	3♓44	10°R30	7♒ 4	25♉14	2°R 4	21°R45	22♓19	10♍58	22♓54	W 1
T 2	10 52 13	15° 1'00	16°53	23°32	28°40	29°43	3°59	10♌26	7° 6	25°15	2♎ 2	21♓44	22°16	11° 4	22°57	T 2
F 3	10 56 9	16° 0'22	29° 1	25°32	29°47	0♑23	4°13	10°23	7° 9	25°16	2° 1	21°43	22°13	11°11	23° 1	F 3
S 4	11 0 6	16°59'42	10♌59	27°31	0♉53	1° 3	4°27	10°20	7°12	25°17	1°59	21°42	22°10	11°18	23° 4	S 4
S 5	11 4 3	17°58'59	22°51	29°29	1°59	1°44	4°42	10°16	7°15	25°18	1°57	21°42	22° 6	11°24	23° 8	S 5
M 6	11 7 59	18°58'14	4♍40	1♈24	3° 5	2°24	4°56	10°13	7°18	25°19	1°56	21°42	22° 3	11°31	23°12	M 6
T 7	11 11 56	19°57'27	16°28	3°18	4°11	3° 4	5°10	10°10	7°21	25°20	1°54	21°42	22° 0	11°38	23°15	T 7
W 8	11 15 52	20°56'38	28°17	5° 9	5°16	3°44	5°24	10° 7	7°23	25°21	1°52	21°D42	21°57	11°44	23°19	W 8
T 9	11 19 49	21°55'47	10♎ 9	6°58	6°22	4°24	5°39	10° 4	7°26	25°22	1°51	21°R42	21°54	11°51	23°22	T 9
F 10	11 23 45	22°54'53	22° 7	8°43	7°27	5° 4	5°53	10° 1	7°29	25°24	1°49	21°41	21°50	11°58	23°26	F 10
S 11	11 27 42	23°53'58	4♏13	10°24	8°31	5°44	6° 7	9°58	7°32	25°25	1°47	21°41	21°47	12° 4	23°30	S 11
S 12	11 31 38	24°53'01	16°30	12° 1	9°36	6°24	6°21	9°55	7°34	25°26	1°46	21°41	21°44	12°11	23°33	S 12
M13	11 35 35	25°52'02	29° 1	13°34	10°40	7° 4	6°35	9°53	7°37	25°27	1°44	21°40	21°41	12°17	23°37	M13
T 14	11 39 32	26°51'01	11♐48	15° 2	11°44	7°44	6°49	9°50	7°39	25°29	1°42	21°40	21°38	12°24	23°40	T 14
W15	11 43 28	27°49'59	24°55	16°25	12°47	8°24	7° 3	9°48	7°42	25°30	1°41	21°D40	21°35	12°31	23°44	W15
T 16	11 47 25	28°48'54	8♑23	17°43	13°51	9° 4	7°17	9°45	7°44	25°31	1°39	21°40	21°31	12°37	23°48	T 16
F 17	11 51 21	29°47'48	22°16	18°55	14°54	9°44	7°31	9°43	7°47	25°33	1°37	21°40	21°28	12°44	23°51	F 17
S 18	11 55 18	0♈46'40	6♒32	20° 2	15°57	10°24	7°45	9°41	7°49	25°34	1°36	21°41	21°25	12°51	23°55	S 18
S 19	11 59 14	1°45'30	21° 9	21° 3	16°59	11° 3	7°59	9°39	7°52	25°36	1°34	21°42	21°22	12°57	23°58	S 19
M20	12 3 11	2°44'19	6♓ 4	21°58	18° 1	11°43	8°13	9°37	7°54	25°37	1°32	21°43	21°19	13° 4	24° 2	M20
T 21	12 7 7	3°43'05	21° 9	22°47	19° 3	12°23	8°27	9°35	7°56	25°39	1°31	21°R43	21°16	13°11	24° 5	T 21
W22	12 11 4	4°41'49	6♈16	23°30	20° 4	13° 3	8°41	9°33	7°59	25°40	1°29	21°43	21°12	13°17	24° 9	W22
T 23	12 15 0	5°40'32	21°16	24° 7	21° 5	13°42	8°54	9°32	8° 1	25°42	1°27	21°42	21° 9	13°24	24°13	T 23
F 24	12 18 57	6°39'12	6♉ 0	24°37	22° 6	14°22	9° 8	9°30	8° 3	25°43	1°26	21°40	21° 6	13°31	24°16	F 24
S 25	12 22 54	7°37'50	20°22	25° 1	23° 6	15° 2	9°22	9°29	8° 5	25°45	1°24	21°38	21° 3	13°37	24°20	S 25
S 26	12 26 50	8°36'26	4♊18	25°19	24° 6	15°41	9°35	9°27	8° 7	25°47	1°22	21°36	21° 0	13°44	24°23	S 26
M27	12 30 47	9°35'00	17°47	25°30	25° 6	16°21	9°49	9°26	8° 9	25°48	1°21	21°34	20°56	13°51	24°27	M27
T 28	12 34 43	10°33'32	0♋49	25°R36	26° 5	17° 1	10° 2	9°25	8°11	25°50	1°19	21°33	20°53	13°57	24°30	T 28
W29	12 38 40	11°32'01	13°27	25°35	27° 3	17°40	10°16	9°24	8°13	25°52	1°17	21°D33	20°50	14° 4	24°34	W29
T 30	12 42 36	12°30'28	25°47	25°29	28° 2	18°20	10°29	9°23	8°15	25°53	1°16	21°33	20°47	14°10	24°37	T 30
F 31	12 46 33	13♈28'53	7♌51	25♈17	28♉59	18♑59	10♓42	9♌22	8♒17	25♉55	1♎14	21♓35	20♓44	14♍17	24♓41	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s20	28n41	5n 9	3s53	0s33	12n 5	1n30	23s55	0s19	11s10	1s 2	19n 7	1n27	19s14	0s38	17n37	1s38	15n24	17n45	3s18	3s 4	8n27	0n30	3n39
T 2	5 57	27 17	4 47	2 55	0 22	12 33	1 35	23 56	0 20	11 5	1 2	19 8	1 27	19 14	0 38	17 37	1 38	15 25	17 45	3 18	3 5	8 23	0 32	3 39
F 3	5 33	24 37	4 13	1 58	0 12	13 1	1 39	23 58	0 21	11 0	1 2	19 9	1 27	19 13	0 38	17 38	1 38	15 26	17 45	3 18	3 7	8 20	0 33	3 39
S 4	5 10	20 55	3 27	1 0	0 0	13 29	1 43	23 59	0 23	10 54	1 2	19 10	1 27	19 12	0 38	17 38	1 38	15 27	17 45	3 19	3 8	8 17	0 34	3 39
S 5	4 47	16 24	2 34	0 2	0n11	13 56	1 48	23 59	0 24	10 49	1 2	19 11	1 27	19 12	0 38	17 38	1 38	15 27	17 46	3 19	3 9	8 13	0 36	3 38
M 6	4 24	11 19	1 33	0n55	0 23	14 23	1 52	24 0	0 25	10 44	1 2	19 12	1 27	19 11	0 38	17 39	1 38	15 28	17 46	3 19	3 10	8 10	0 37	3 38
T 7	4 0	5 49	0 29	1 51	0 35	14 49	1 56	24 0	0 26	10 39	1 2	19 13	1 27	19 10	0 38	17 39	1 38	15 29	17 46	3 19	3 12	8 7	0 39	3 38
W 8	3 37	0 8	0s37	2 47	0 47	15 16	2 1	24 1	0 28	10 34	1 2	19 14	1 27	19 9	0 38	17 39	1 38	15 30	17 46	3 19	3 13	8 3	0 40	3 38
T 9	3 13	5s35	1 41	3 41	0 59	15 42	2 5	24 1	0 29	10 28	1 3	19 14	1 27	19 9	0 38	17 40	1 37	15 30	17 46	3 19	3 14	8 0	0 41	3 38
F 10	2 50	11 10	2 41	4 34	1 11	16 7	2 9	24 1	0 30	10 23	1 3	19 15	1 27	19 8	0 38	17 40	1 37	15 31	17 46	3 19	3 15	7 56	0 43	3 38
S 11	2 26	16 23	3 35	5 25	1 23	16 33	2 13	24 0	0 32	10 18	1 3	19 16	1 27	19 7	0 38	17 40	1 37	15 32	17 46	3 19	3 17	7 53	0 44	3 38
S 12	2 3	21 2	4 20	6 14	1 35	16 57	2 17	24 0	0 33	10 13	1 3	19 17	1 27	19 7	0 38	17 41	1 37	15 33	17 46	3 19	3 18	7 50	0 45	3 38
M13	1 39	24 50	4 53	7 1	1 46	17 22	2 22	23 59	0 34	10 8	1 3	19 17	1 27	19 6	0 38	17 41	1 37	15 33	17 47	3 19	3 19	7 46	0 47	3 38
T 14	1 16	27 31	5 13	7 45	1 57	17 46	2 26	23 58	0 36	10 3	1 3	19 18	1 27	19 6	0 38	17 41	1 37	15 34	17 47	3 20	3 21	7 43	0 48	3 38
W15	0 52	28 47	5 17	8 27	2 7	18 10	2 30	23 57	0 37	9 57	1 3	19 19	1 27	19 5	0 38	17 42	1 37	15 35	17 47	3 20	3 22	7 40	0 50	3 38
T 16	0 28	28 24	5 4	9 7	2 17	18 33	2 34	23 56	0 38	9 52	1 3	19 19	1 27	19 4	0 38	17 42	1 37	15 36	17 47	3 20	3 23	7 36	0 51	3 38
F 17	0 5	26 15	4 34	9 43	2 27	18 56	2 38	23 54	0 40	9 47	1 3	19 20	1 27	19 4	0 38	17 43	1 37	15 36	17 47	3 19	3 24	7 33	0 52	3 38
S 18	0n19	22 24	3 45	10 17	2 35	19 18	2 42	23 53	0 41	9 42	1 3	19 20	1 27	19 3	0 38	17 43	1 37	15 37	17 47	3 19	3 26	7 30	0 54	3 38
S 19	0 42	17 6	2 42	10 47	2 43	19 40	2 46	23 51	0 43	9 37	1 4	19 21	1 27	19 2	0 38	17 43	1 37	15 38	17 47	3 19	3 27	7 26	0 55	3 38
M20	1 6	10 41	1 26	11 14	2 50	20 2	2 50	23 49	0 44	9 32	1 4	19 21	1 26	19 2	0 38	17 44	1 37	15 38	17 47	3 19	3 28	7 23	0 57	3 38
T 21	1 29	3 35	0 3	11 38	2 55	20 23	2 53	23 47	0 46	9 27	1 4	19 22	1 26	19 1	0 38	17 44	1 37	15 39	17 47	3 18	3 29	7 19	0 58	3 38
W22	1 53	3n44	1n20	11 58	3 0	20 43	2 57	23 45	0 47	9 21	1 4	19 22	1 26	19 1	0 38	17 45	1 37	15 40	17 47	3 19	3 31	7 16	0 59	3 38
T 23	2 16	10 46	2 37	12 16	3 4	21 3	3 1	23 42	0 49	9 16	1 4	19 23	1 26	19 0	0 38	17 45	1 37	15 40	17 47	3 19	3 32	7 13	1 1	3 38
F 24	2 40	17 5	3 41	12 29	3 7	21 23	3 4	23 39	0 50	9 11	1 4	19 23	1 26	19 0	0 38	17 45	1 37	15 41	17 47	3 20	3 33	7 9	1 2	3 38
S 25	3 3	22 18	4 31	12 39	3 8	21 42	3 8	23 36	0 52	9 6	1 4	19 23	1 26	18 59	0 38	17 46	1 37	15 42	17 47	3 20	3 34	7 6	1 4	3 38
S 26	3 26	26 6	5 2	12 46	3 8	22 1	3 11	23 33	0 53	9 1	1 4	19 24	1 26	18 59	0 38	17 46	1 37	15 42	17 47	3 21	3 36	7 3	1 5	3 38
M27	3 49	28 16	5 15	12 49	3 7	22 19	3 15	23 30	0 55	8 56	1 4	19 24	1 26	18 58	0 38	17 47	1 37	15 43	17 47	3 22	3 37	6 59	1 6	3 38
T 28	4 12	28 48	5 12	12 49	3 4	22 37	3 18	23 27	0 56	8 51	1 5	19 24	1 26	18 58	0 38	17 47	1 36	15 43	17 46	3 22	3 38	6 56	1 8	3 38
W29	4 36	27 47	4 53	12 45	3 0	22 54	3 21	23 23	0 58	8 46	1 5	19 24	1 26	18 57	0 38	17 48	1 36	15 44	17 46	3 23	3 39	6 52	1 9	3 38
T 30	4 59	25 25	4 22	12 38	2 55	23 10	3 24	23 19	1 0	8 41	1 5	19 25	1 26	18 57	0 38	17 48	1 36	15 45	17 46	3 22	3 41	6 49	1 11	3 38
F 31	5n21	21n57	3n39	12n27	2n48	23n26	3n27	23s16	1s 1	8s36	1s 5	19n25	1n26	18s56	0s38	17n49	1s36	15n45	17n46	3s22	3s42	6n46	1n12	3n38

Julian Day Number = 1991767.5, Delta T = 54m41s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'17, Lahiri = 6°19'18 Julian Calendar 1 March 741 == Greg. Calendar 5 March 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

APRIL 741 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 50 29	14♈27'16	19♌46	25°R 0	29♉57	19♊38	10♓56	9°R21	8♒19	25♉57	1°R12	21♓36	20♓41	14♍24	24♓44	S 1
S 2	12 54 26	15°25'36	1♍34	24♈39	0♊53	20°18	11° 9	9♌21	8°21	25°59	1♎11	21°38	20°37	14°30	24°48	S 2
M 3	12 58 23	16°23'54	13°21	24°13	1°49	20°57	11°22	9°20	8°23	26° 1	1° 9	21°39	20°34	14°37	24°51	M 3
T 4	13 2 19	17°22'11	25°10	23°43	2°45	21°36	11°35	9°20	8°25	26° 2	1° 7	21°R39	20°31	14°44	24°54	T 4
W 5	13 6 16	18°20'25	7♎ 3	23°10	3°40	22°16	11°48	9°19	8°26	26° 4	1° 6	21°38	20°28	14°50	24°58	W 5
T 6	13 10 12	19°18'38	19° 3	22°35	4°35	22°55	12° 1	9°19	8°28	26° 6	1° 4	21°36	20°25	14°57	25° 1	T 6
F 7	13 14 9	20°16'48	1♏13	21°57	5°29	23°34	12°14	9°D19	8°30	26° 8	1° 3	21°32	20°21	15° 4	25° 4	F 7
S 8	13 18 5	21°14'57	13°32	21°19	6°22	24°13	12°27	9°19	8°31	26°10	1° 1	21°28	20°18	15°10	25° 8	S 8
S 9	13 22 2	22°13'05	26° 4	20°40	7°15	24°52	12°40	9°19	8°33	26°12	1° 0	21°22	20°15	15°17	25°11	S 9
M10	13 25 58	23°11'10	8♐48	20° 1	8° 7	25°31	12°52	9°19	8°34	26°14	0°58	21°17	20°12	15°24	25°14	M10
T 11	13 29 55	24° 9'15	21°46	19°23	8°59	26°10	13° 5	9°20	8°36	26°16	0°57	21°13	20° 9	15°30	25°18	T 11
W12	13 33 52	25° 7'18	4♑59	18°47	9°49	26°49	13°18	9°20	8°37	26°18	0°55	21°10	20° 6	15°37	25°21	W12
T 13	13 37 48	26° 5'19	18°28	18°13	10°39	27°27	13°30	9°21	8°38	26°20	0°54	21° 8	20° 2	15°43	25°24	T 13
F 14	13 41 45	27° 3'19	2♒13	17°42	11°29	28° 6	13°43	9°21	8°40	26°22	0°52	21°D 8	19°59	15°50	25°27	F 14
S 15	13 45 41	28° 1'18	16°17	17°13	12°17	28°45	13°55	9°22	8°41	26°24	0°51	21° 9	19°56	15°57	25°30	S 15
S 16	13 49 38	28°59'15	0♓36	16°48	13° 5	29°23	14° 7	9°23	8°42	26°26	0°49	21°11	19°53	16° 3	25°34	S 16
M17	13 53 34	29°57'11	15°11	16°28	13°52	0♒ 2	14°19	9°24	8°43	26°28	0°48	21°R12	19°50	16°10	25°37	M17
T 18	13 57 31	0♉55'05	29°56	16°11	14°38	0°40	14°32	9°25	8°44	26°30	0°46	21°11	19°47	16°17	25°40	T 18
W19	14 1 27	1°52'58	14♈45	15°59	15°23	1°19	14°44	9°26	8°45	26°32	0°45	21° 9	19°43	16°23	25°43	W19
T 20	14 5 24	2°50'49	29°32	15°51	16° 8	1°57	14°56	9°27	8°46	26°34	0°44	21° 6	19°40	16°30	25°46	T 20
F 21	14 9 21	3°48'39	14♉ 9	15°D47	16°51	2°35	15° 7	9°29	8°47	26°36	0°42	21° 0	19°37	16°37	25°49	F 21
S 22	14 13 17	4°46'28	28°29	15°49	17°33	3°13	15°19	9°30	8°48	26°38	0°41	20°53	19°34	16°43	25°52	S 22
S 23	14 17 14	5°44'15	12♊27	15°54	18°15	3°51	15°31	9°32	8°49	26°40	0°40	20°46	19°31	16°50	25°55	S 23
M24	14 21 10	6°42'01	25°59	16° 5	18°55	4°29	15°43	9°34	8°50	26°42	0°38	20°40	19°27	16°57	25°58	M24
T 25	14 25 7	7°39'44	9♋ 5	16°20	19°34	5° 7	15°54	9°35	8°51	26°44	0°37	20°35	19°24	17° 3	26° 1	T 25
W26	14 29 3	8°37'26	21°47	16°39	20°12	5°45	16° 6	9°37	8°52	26°47	0°36	20°31	19°21	17°10	26° 3	W26
T 27	14 33 0	9°35'07	4♌ 8	17° 3	20°49	6°23	16°17	9°39	8°52	26°49	0°35	20°D30	19°18	17°17	26° 6	T 27
F 28	14 36 56	10°32'45	16°13	17°31	21°24	7° 0	16°28	9°41	8°53	26°51	0°33	20°30	19°15	17°23	26° 9	F 28
S 29	14 40 53	11°30'23	28° 7	18° 3	21°58	7°37	16°39	9°44	8°53	26°53	0°32	20°31	19°12	17°30	26°12	S 29
S 30	14 44 50	12♉27'58	9♍56	18♈39	22♊31	8♒15	16♓50	9♌46	8♒54	26♉55	0♎31	20♓32	19♓ 8	17♍36	26♓15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n44	17n38	2n47	12n14	2n40	23n42	3n30	23s11	1s 3	8s31	1s 5	19n25	1n26	18s56	0s38	17n49	1s36	15n46	17n46	3s21	3s43	6n42	1n13	3n38
S 2	6 7	12 41	1 48	11 57	2 31	23 57	3 33	23 7	1 4	8 26	1 5	19 25	1 26	18 55	0 38	17 49	1 36	15 46	17 46	3 20	3 44	6 39	1 15	3 38
M 3	6 29	7 17	0 46	11 37	2 20	24 11	3 36	23 3	1 6	8 21	1 5	19 25	1 26	18 55	0 39	17 50	1 36	15 47	17 46	3 20	3 46	6 35	1 16	3 38
T 4	6 52	1 38	0s19	11 15	2 8	24 25	3 38	22 58	1 8	8 17	1 6	19 25	1 26	18 54	0 39	17 50	1 36	15 47	17 46	3 20	3 47	6 32	1 17	3 38
W 5	7 14	4s 6	1 24	10 51	1 55	24 39	3 41	22 54	1 10	8 12	1 6	19 25	1 26	18 54	0 39	17 51	1 36	15 48	17 46	3 20	3 48	6 29	1 19	3 38
T 6	7 37	9 45	2 25	10 24	1 41	24 52	3 43	22 49	1 11	8 7	1 6	19 25	1 26	18 54	0 39	17 51	1 36	15 48	17 45	3 21	3 49	6 25	1 20	3 38
F 7	7 59	15 6	3 20	9 56	1 26	25 4	3 46	22 44	1 13	8 2	1 6	19 25	1 25	18 53	0 39	17 52	1 36	15 49	17 45	3 23	3 51	6 22	1 21	3 38
S 8	8 21	19 56	4 7	9 27	1 10	25 16	3 48	22 39	1 15	7 57	1 6	19 25	1 25	18 53	0 39	17 52	1 36	15 49	17 45	3 25	3 52	6 18	1 23	3 38
S 9	8 43	23 58	4 43	8 57	0 54	25 27	3 50	22 33	1 16	7 52	1 6	19 25	1 25	18 52	0 39	17 53	1 36	15 49	17 45	3 27	3 53	6 15	1 24	3 38
M10	9 4	26 56	5 5	8 27	0 37	25 37	3 52	22 28	1 18	7 48	1 6	19 25	1 25	18 52	0 39	17 53	1 36	15 50	17 45	3 29	3 55	6 12	1 25	3 38
T 11	9 26	28 32	5 12	7 57	0 20	25 47	3 53	22 22	1 20	7 43	1 7	19 25	1 25	18 52	0 39	17 54	1 36	15 50	17 44	3 30	3 56	6 8	1 27	3 38
W12	9 47	28 34	5 3	7 27	0 3	25 57	3 55	22 17	1 22	7 38	1 7	19 24	1 25	18 51	0 39	17 54	1 36	15 51	17 44	3 32	3 57	6 5	1 28	3 38
T 13	10 9	26 54	4 38	6 58	0s14	26 6	3 56	22 11	1 24	7 34	1 7	19 24	1 25	18 51	0 39	17 55	1 36	15 51	17 44	3 32	3 58	6 1	1 29	3 38
F 14	10 30	23 37	3 56	6 31	0 31	26 14	3 58	22 5	1 25	7 29	1 7	19 24	1 25	18 51	0 39	17 55	1 36	15 51	17 44	3 32	4 0	5 58	1 31	3 38
S 15	10 51	18 54	2 59	6 5	0 47	26 22	3 59	21 59	1 27	7 24	1 7	19 24	1 25	18 50	0 39	17 56	1 36	15 52	17 43	3 32	4 1	5 55	1 32	3 38
S 16	11 11	13 3	1 50	5 41	1 3	26 29	4 0	21 52	1 29	7 20	1 7	19 23	1 25	18 50	0 39	17 56	1 36	15 52	17 43	3 31	4 2	5 51	1 33	3 38
M17	11 32	6 23	0 33	5 18	1 19	26 36	4 1	21 46	1 31	7 15	1 8	19 23	1 25	18 50	0 39	17 57	1 36	15 52	17 43	3 31	4 3	5 48	1 35	3 38
T 18	11 52	0n42	0n47	4 58	1 33	26 42	4 1	21 39	1 33	7 10	1 8	19 23	1 25	18 50	0 39	17 57	1 36	15 53	17 43	3 31	4 5	5 44	1 36	3 38
W19	12 13	7 46	2 5	4 41	1 47	26 48	4 2	21 33	1 35	7 6	1 8	19 22	1 25	18 49	0 39	17 58	1 36	15 53	17 42	3 32	4 6	5 41	1 37	3 38
T 20	12 33	14 23	3 13	4 26	2 0	26 53	4 2	21 26	1 37	7 1	1 8	19 22	1 25	18 49	0 39	17 58	1 36	15 53	17 42	3 33	4 7	5 38	1 39	3 38
F 21	12 52	20 8	4 8	4 13	2 12	26 58	4 2	21 19	1 39	6 57	1 8	19 22	1 24	18 49	0 39	17 59	1 36	15 53	17 42	3 35	4 8	5 34	1 40	3 38
S 22	13 12	24 36	4 46	4 4	2 23	27 2	4 2	21 12	1 41	6 53	1 9	19 21	1 24	18 49	0 39	17 59	1 36	15 54	17 41	3 38	4 10	5 31	1 41	3 39
S 23	13 32	27 30	5 6	3 57	2 33	27 5	4 1	21 5	1 43	6 48	1 9	19 21	1 24	18 49	0 39	18 0	1 36	15 54	17 41	3 41	4 11	5 27	1 42	3 39
M24	13 51	28 40	5 8	3 52	2 43	27 8	4 1	20 58	1 45	6 44	1 9	19 20	1 24	18 48	0 39	18 0	1 36	15 54	17 41	3 43	4 12	5 24	1 43	3 39
T 25	14 10	28 10	4 53	3 50	2 51	27 11	4 0	20 51	1 47	6 39	1 9	19 19	1 24	18 48	0 39	18 1	1 36	15 54	17 40	3 46	4 13	5 20	1 45	3 39
W26	14 28	26 11	4 24	3 51	2 58	27 12	3 59	20 43	1 49	6 35	1 9	19 19	1 24	18 48	0 39	18 1	1 35	15 55	17 40	3 47	4 15	5 17	1 46	3 39
T 27	14 47	22 59	3 44	3 54	3 5	27 14	3 57	20 36	1 51	6 31	1 9	19 18	1 24	18 48	0 39	18 2	1 35	15 55	17 40	3 48	4 16	5 14	1 47	3 39
F 28	15 5	18 51	2 54	4 0	3 10	27 15	3 56	20 28	1 53	6 27	1 10	19 18	1 24	18 48	0 39	18 2	1 35	15 55	17 39	3 48	4 17	5 10	1 48	3 39
S 29	15 23	14 3	1 58	4 8	3 15	27 15	3 54	20 20	1 55	6 22	1 10	19 17	1 24	18 48	0 39	18 3	1 35	15 55	17 39	3 47	4 18	5 7	1 49	3 39
S 30	15n41	8n47	0n57	4n18	3s19	27n15	3n52	20s13	1s57	6s18	1s10	19n16	1n24	18s48	0s39	18n 3	1s35	15n55	17n38	3s47	4s20	5n 3	1n51	3n39

Julian Day Number = 1991798.5, Delta T = 54m40s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'21, Lahiri = 6°19'22 Julian Calendar 1 Apr. 741 == Greg. Calendar 5 Apr. 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

MAY 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 48 46	13♉25'32	21♍43	19♈19	23♊ 2	8♒52	17♓ 1	9♌48	8♒54	26♉57	0°R30	20°R32	19♓ 5	17♍43	26♓17	M 1
T 2	14 52 43	14°23'04	3♎35	20° 3	23°32	9°29	17°12	9°51	8°55	27° 0	0♎29	20♓31	19° 2	17°50	26°20	T 2
W 3	14 56 39	15°20'36	15°34	20°51	24° 1	10° 6	17°23	9°53	8°55	27° 2	0°28	20°28	18°59	17°56	26°23	W 3
T 4	15 0 36	16°18'05	27°44	21°42	24°28	10°43	17°34	9°56	8°56	27° 4	0°27	20°23	18°56	18° 3	26°25	T 4
F 5	15 4 32	17°15'34	10♏ 6	22°36	24°53	11°20	17°44	9°59	8°56	27° 6	0°26	20°15	18°53	18°10	26°28	F 5
S 6	15 8 29	18°13'01	22°43	23°34	25°16	11°56	17°55	10° 2	8°56	27° 8	0°25	20° 6	18°49	18°16	26°30	S 6
S 7	15 12 25	19°10'28	5♐34	24°36	25°38	12°33	18° 5	10° 5	8°56	27°11	0°24	19°56	18°46	18°23	26°33	S 7
M 8	15 16 22	20° 7'53	18°38	25°40	25°58	13° 9	18°15	10° 8	8°56	27°13	0°23	19°46	18°43	18°30	26°35	M 8
T 9	15 20 19	21° 5'18	1♑55	26°47	26°16	13°46	18°26	10°11	8°57	27°15	0°22	19°37	18°40	18°36	26°38	T 9
W10	15 24 15	22° 2'42	15°24	27°58	26°32	14°22	18°36	10°14	8°R57	27°17	0°21	19°30	18°37	18°43	26°40	W10
T 11	15 28 12	23° 0'05	29° 3	29°12	26°47	14°58	18°46	10°17	8°57	27°20	0°20	19°25	18°33	18°50	26°42	T 11
F 12	15 32 8	23°57'27	12♒53	0♉28	26°59	15°34	18°55	10°21	8°57	27°22	0°19	19°23	18°30	18°56	26°44	F 12
S 13	15 36 5	24°54'49	26°52	1°47	27° 9	16° 9	19° 5	10°24	8°56	27°24	0°18	19°D23	18°27	19° 3	26°47	S 13
S 14	15 40 1	25°52'10	11♓ 0	3°10	27°17	16°45	19°15	10°28	8°56	27°26	0°18	19°23	18°24	19° 9	26°49	S 14
M15	15 43 58	26°49'30	25°17	4°35	27°23	17°20	19°24	10°32	8°56	27°29	0°17	19°R23	18°21	19°16	26°51	M15
T 16	15 47 54	27°46'50	9♈39	6° 3	27°26	17°55	19°33	10°35	8°56	27°31	0°16	19°22	18°18	19°23	26°53	T 16
W17	15 51 51	28°44'09	24° 5	7°33	27°R28	18°30	19°43	10°39	8°56	27°33	0°15	19°18	18°14	19°29	26°55	W17
T 18	15 55 48	29°41'27	8♉29	9° 7	27°27	19° 5	19°52	10°43	8°55	27°35	0°15	19°11	18°11	19°36	26°57	T 18
F 19	15 59 44	0♊38'46	22°46	10°43	27°23	19°40	20° 1	10°47	8°55	27°38	0°14	19° 2	18° 8	19°43	26°59	F 19
S 20	16 3 41	1°36'03	6♊51	12°22	27°17	20°14	20°10	10°51	8°54	27°40	0°14	18°52	18° 5	19°49	27° 1	S 20
S 21	16 7 37	2°33'20	20°38	14° 4	27° 9	20°49	20°18	10°56	8°54	27°42	0°13	18°40	18° 2	19°56	27° 3	S 21
M22	16 11 34	3°30'36	4♋ 3	15°48	26°59	21°23	20°27	11° 0	8°53	27°44	0°13	18°30	17°59	20° 3	27° 5	M22
T 23	16 15 30	4°27'51	17° 6	17°35	26°46	21°56	20°35	11° 4	8°53	27°47	0°12	18°21	17°55	20° 9	27° 7	T 23
W24	16 19 27	5°25'06	29°47	19°24	26°30	22°30	20°44	11° 9	8°52	27°49	0°12	18°14	17°52	20°16	27° 9	W24
T 25	16 23 24	6°22'19	12♌ 8	21°16	26°13	23° 3	20°52	11°13	8°52	27°51	0°11	18° 9	17°49	20°23	27°10	T 25
F 26	16 27 20	7°19'32	24°14	23°11	25°53	23°37	21° 0	11°18	8°51	27°53	0°11	18° 7	17°46	20°29	27°12	F 26
S 27	16 31 17	8°16'44	6♍ 8	25° 8	25°30	24°10	21° 8	11°22	8°50	27°55	0°10	18°D 6	17°43	20°36	27°14	S 27
S 28	16 35 13	9°13'56	17°57	27° 7	25° 6	24°42	21°16	11°27	8°49	27°58	0°10	18°R 6	17°39	20°43	27°15	S 28
M29	16 39 10	10°11'06	29°46	29° 9	24°40	25°15	21°23	11°32	8°48	28° 0	0°10	18° 6	17°36	20°49	27°17	M29
T 30	16 43 6	11° 8'16	11♎40	1♊12	24°11	25°47	21°31	11°37	8°47	28° 2	0° 9	18° 4	17°33	20°56	27°18	T 30
W31	16 47 3	12♊ 5'26	23♎44	3♊17	23♊41	26♒19	21♓38	11♌42	8♒47	28♉ 4	0♎ 9	18♓ 0	17♓30	21♍ 2	27♓20	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n59	3n12	0s 6	4n31	3s21	27n14	3n49	20s 5	1s59	6s14	1s10	19n16	1n24	18s47	0s40	18n 4	1s35	15n55	17n38	3s46	4s21	5n 0	1n52	3n39
T 2	16 16	2s30	1 10	4 45	3 23	27 13	3 47	19 57	2 1	6 10	1 10	19 15	1 24	18 47	0 40	18 4	1 35	15 55	17 38	3 47	4 22	4 57	1 53	3 39
W 3	16 33	8 10	2 10	5 2	3 24	27 12	3 44	19 49	2 3	6 6	1 11	19 14	1 24	18 47	0 40	18 5	1 35	15 55	17 37	3 48	4 23	4 53	1 54	3 39
T 4	16 50	13 37	3 6	5 21	3 25	27 9	3 40	19 41	2 6	6 2	1 11	19 13	1 24	18 47	0 40	18 5	1 35	15 55	17 37	3 50	4 25	4 50	1 55	3 40
F 5	17 6	18 38	3 54	5 42	3 24	27 7	3 37	19 33	2 8	5 58	1 11	19 12	1 24	18 47	0 40	18 6	1 35	15 55	17 36	3 53	4 26	4 46	1 56	3 40
S 6	17 22	22 56	4 31	6 4	3 23	27 4	3 33	19 24	2 10	5 54	1 11	19 12	1 23	18 47	0 40	18 7	1 35	15 55	17 36	3 57	4 27	4 43	1 57	3 40
S 7	17 38	26 13	4 55	6 29	3 21	27 0	3 28	19 16	2 12	5 50	1 12	19 11	1 23	18 47	0 40	18 7	1 35	15 55	17 36	4 1	4 28	4 39	1 58	3 40
M 8	17 54	28 10	5 4	6 54	3 18	26 56	3 24	19 8	2 14	5 46	1 12	19 10	1 23	18 47	0 40	18 8	1 35	15 55	17 35	4 5	4 30	4 36	2 0	3 40
T 9	18 9	28 33	4 57	7 22	3 15	26 52	3 19	18 59	2 17	5 43	1 12	19 9	1 23	18 47	0 40	18 8	1 35	15 55	17 35	4 8	4 31	4 33	2 1	3 40
W10	18 24	27 15	4 34	7 51	3 11	26 47	3 13	18 51	2 19	5 39	1 12	19 8	1 23	18 47	0 40	18 9	1 35	15 55	17 34	4 11	4 32	4 29	2 2	3 40
T 11	18 39	24 19	3 55	8 22	3 6	26 41	3 7	18 42	2 21	5 35	1 12	19 7	1 23	18 47	0 40	18 9	1 35	15 55	17 34	4 13	4 33	4 26	2 3	3 40
F 12	18 53	19 58	3 2	8 53	3 1	26 35	3 1	18 34	2 24	5 31	1 13	19 6	1 23	18 47	0 40	18 10	1 35	15 55	17 33	4 14	4 35	4 22	2 4	3 40
S 13	19 8	14 28	1 57	9 26	2 55	26 29	2 55	18 25	2 26	5 28	1 13	19 5	1 23	18 47	0 40	18 10	1 35	15 55	17 33	4 14	4 36	4 19	2 5	3 40
S 14	19 21	8 11	0 45	10 1	2 49	26 22	2 47	18 17	2 28	5 24	1 13	19 4	1 23	18 47	0 40	18 11	1 35	15 55	17 32	4 14	4 37	4 15	2 6	3 41
M15	19 35	1 25	0n31	10 36	2 42	26 15	2 40	18 8	2 31	5 21	1 13	19 3	1 23	18 47	0 40	18 11	1 35	15 55	17 32	4 14	4 38	4 12	2 7	3 41
T 16	19 48	5n28	1 46	11 12	2 34	26 7	2 32	17 59	2 33	5 17	1 14	19 2	1 23	18 48	0 40	18 12	1 35	15 54	17 31	4 14	4 40	4 9	2 8	3 41
W17	20 1	12 5	2 53	11 50	2 26	25 59	2 24	17 51	2 35	5 14	1 14	19 1	1 23	18 48	0 40	18 12	1 35	15 54	17 31	4 16	4 41	4 5	2 9	3 41
T 18	20 13	18 3	3 50	12 28	2 17	25 50	2 15	17 42	2 38	5 11	1 14	18 59	1 23	18 48	0 40	18 13	1 35	15 54	17 30	4 18	4 42	4 2	2 9	3 41
F 19	20 26	22 57	4 31	13 6	2 9	25 40	2 6	17 33	2 40	5 7	1 14	18 58	1 23	18 48	0 40	18 13	1 35	15 54	17 30	4 22	4 43	3 58	2 10	3 41
S 20	20 37	26 27	4 55	13 46	1 59	25 31	1 56	17 24	2 43	5 4	1 15	18 57	1 23	18 48	0 40	18 14	1 35	15 54	17 29	4 26	4 45	3 55	2 11	3 41
S 21	20 49	28 17	5 2	14 26	1 49	25 20	1 46	17 16	2 45	5 1	1 15	18 56	1 23	18 48	0 40	18 14	1 35	15 53	17 29	4 31	4 46	3 51	2 12	3 41
M22	21 0	28 23	4 51	15 6	1 39	25 10	1 35	17 7	2 48	4 58	1 15	18 55	1 22	18 48	0 40	18 15	1 35	15 53	17 28	4 35	4 47	3 48	2 13	3 42
T 23	21 11	26 53	4 25	15 46	1 29	24 58	1 24	16 58	2 50	4 54	1 15	18 53	1 22	18 49	0 40	18 15	1 35	15 53	17 28	4 38	4 48	3 44	2 14	3 42
W24	21 21	24 2	3 47	16 27	1 18	24 46	1 13	16 49	2 53	4 51	1 16	18 52	1 22	18 49	0 40	18 16	1 35	15 53	17 27	4 41	4 50	3 41	2 15	3 42
T 25	21 31	20 8	2 59	17 7	1 7	24 34	1 1	16 41	2 55	4 48	1 16	18 51	1 22	18 49	0 40	18 16	1 35	15 52	17 27	4 43	4 51	3 38	2 16	3 42
F 26	21 41	15 28	2 3	17 48	0 56	24 21	0 49	16 32	2 58	4 45	1 16	18 49	1 22	18 49	0 40	18 17	1 35	15 52	17 26	4 44	4 52	3 34	2 16	3 42
S 27	21 50	10 18	1 3	18 27	0 45	24 8	0 36	16 23	3 0	4 42	1 16	18 48	1 22	18 50	0 41	18 17	1 35	15 52	17 26	4 44	4 53	3 31	2 17	3 42
S 28	21 59	4 48	0 1	19 6	0 34	23 54	0 23	16 15	3 3	4 40	1 17	18 47	1 22	18 50	0 41	18 18	1 35	15 51	17 25	4 44	4 55	3 27	2 18	3 42
M29	22 8	0s51	1s 1	19 45	0 22	23 40	0 10	16 6	3 5	4 37	1 17	18 45	1 22	18 50	0 41	18 18	1 35	15 51	17 25	4 44	4 56	3 24	2 19	3 42
T 30	22 16	6 30	2 1	20 22	0 11	23 25	0s 3	15 57	3 8	4 34	1 17	18 44	1 22	18 50	0 41	18 19	1 35	15 51	17 24	4 45	4 57	3 20	2 19	3 43
W31	22n24	12s 1	2s57	20n57	0s 0	23n10	0s17	15s49	3s11	4s32	1s17	18n42	1n22	18s51	0s41	18n19	1s35	15n50	17n24	4s46	4s58	3n17	2n20	3n43

Julian Day Number = 1991828.5, Delta T = 54m39s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'25, Lahiri = 6°19'26 Julian Calendar 1 May 741 == Greg. Calendar 5 May 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

JUNE 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 50 59	13♊ 2'34	6♏ 2	5♊24	23°R 9	26♒51	21♓45	11♌47	8°R46	28♉ 6	0°R 9	17°R54	17♓27	21♍ 9	27♓21	T 1
F 2	16 54 56	13°59'43	18°37	7°32	22♊36	27°22	21°52	11°52	8♒45	28° 9	0♎ 9	17♓45	17°24	21°16	27°22	F 2
S 3	16 58 53	14°56'51	1♐29	9°41	22° 1	27°53	21°59	11°57	8°43	28°11	0° 9	17°33	17°20	21°22	27°24	S 3
S 4	17 2 49	15°53'59	14°40	11°51	21°26	28°24	22° 6	12° 2	8°42	28°13	0° 9	17°21	17°17	21°29	27°25	S 4
M 5	17 6 46	16°51'07	28° 7	14° 2	20°49	28°55	22°12	12° 8	8°41	28°15	0° 8	17° 9	17°14	21°36	27°26	M 5
T 6	17 10 42	17°48'14	11♑48	16°13	20°12	29°25	22°19	12°13	8°40	28°17	0° 8	16°58	17°11	21°42	27°27	T 6
W 7	17 14 39	18°45'22	25°40	18°24	19°35	29°55	22°25	12°19	8°39	28°19	0°D 8	16°49	17° 8	21°49	27°28	W 7
T 8	17 18 35	19°42'30	9♒39	20°34	18°57	0♓25	22°31	12°24	8°37	28°21	0° 8	16°43	17° 5	21°56	27°30	T 8
F 9	17 22 32	20°39'37	23°43	22°44	18°20	0°55	22°37	12°30	8°36	28°24	0° 9	16°40	17° 1	22° 2	27°31	F 9
S 10	17 26 28	21°36'45	7♓49	24°53	17°42	1°24	22°43	12°35	8°35	28°26	0° 9	16°39	16°58	22° 9	27°31	S 10
S 11	17 30 25	22°33'54	21°57	27° 2	17° 6	1°53	22°48	12°41	8°33	28°28	0° 9	16°39	16°55	22°16	27°32	S 11
M12	17 34 22	23°31'02	6♈ 4	29° 9	16°30	2°21	22°54	12°47	8°32	28°30	0° 9	16°39	16°52	22°22	27°33	M12
T 13	17 38 18	24°28'11	20°11	1♋15	15°56	2°49	22°59	12°53	8°30	28°32	0° 9	16°37	16°49	22°29	27°34	T 13
W14	17 42 15	25°25'21	4♉15	3°19	15°22	3°17	23° 4	12°59	8°29	28°34	0° 9	16°33	16°45	22°36	27°35	W14
T 15	17 46 11	26°22'31	18°15	5°22	14°50	3°44	23° 9	13° 5	8°27	28°36	0°10	16°26	16°42	22°42	27°35	T 15
F 16	17 50 8	27°19'41	2♊ 6	7°23	14°20	4°11	23°14	13°11	8°26	28°38	0°10	16°17	16°39	22°49	27°36	F 16
S 17	17 54 4	28°16'52	15°47	9°22	13°51	4°37	23°19	13°17	8°24	28°40	0°10	16° 5	16°36	22°55	27°37	S 17
S 18	17 58 1	29°14'03	29°14	11°20	13°25	5° 4	23°23	13°23	8°23	28°42	0°11	15°54	16°33	23° 2	27°37	S 18
M19	18 1 57	0♋11'14	12♋24	13°15	13° 0	5°29	23°27	13°29	8°21	28°44	0°11	15°42	16°30	23° 9	27°38	M19
T 20	18 5 54	1° 8'25	25°15	15° 9	12°37	5°55	23°31	13°35	8°19	28°46	0°11	15°32	16°26	23°15	27°38	T 20
W21	18 9 51	2° 5'37	7♌49	17° 1	12°17	6°19	23°35	13°41	8°17	28°48	0°12	15°24	16°23	23°22	27°38	W21
T 22	18 13 47	3° 2'49	20° 6	18°52	11°59	6°44	23°39	13°48	8°16	28°50	0°12	15°19	16°20	23°29	27°39	T 22
F 23	18 17 44	4° 0'01	2♍ 9	20°40	11°43	7° 8	23°42	13°54	8°14	28°52	0°13	15°17	16°17	23°35	27°39	F 23
S 24	18 21 40	4°57'13	14° 3	22°26	11°29	7°31	23°46	14° 1	8°12	28°54	0°13	15°D16	16°14	23°42	27°39	S 24
S 25	18 25 37	5°54'25	25°51	24°11	11°18	7°54	23°49	14° 7	8°10	28°56	0°14	15°16	16°11	23°49	27°39	S 25
M26	18 29 33	6°51'38	7♎41	25°54	11° 9	8°16	23°52	14°14	8° 8	28°57	0°15	15°R17	16° 7	23°55	27°40	M26
T 27	18 33 30	7°48'51	19°36	27°35	11° 3	8°38	23°55	14°20	8° 6	28°59	0°15	15°16	16° 4	24° 2	27°R40	T 27
W28	18 37 26	8°46'04	1♏42	29°14	10°59	9° 0	23°57	14°27	8° 4	29° 1	0°16	15°13	16° 1	24° 9	27°40	W28
T 29	18 41 23	9°43'18	14° 3	0♌51	10°D57	9°21	24° 0	14°33	8° 2	29° 3	0°17	15° 9	15°58	24°15	27°40	T 29
F 30	18 45 20	10♋40'32	26♏44	2♌26	10♊58	9♓41	24♓ 2	14♌40	8♒ 0	29♉ 5	0♎18	15♓ 2	15♓55	24♍22	27♓39	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n31	17s 9	3s45	21n32	0n11	22n55	0s31	15s40	3s13	4s29	1s18	18n41	1n22	18s51	0s41	18n20	1s35	15n50	17n23	4s49	5s 0	3n14	2n21	3n43
F 2	22 38	21 41	4 23	22 4	0 21	22 39	0 45	15 32	3 16	4 26	1 18	18 40	1 22	18 51	0 41	18 20	1 35	15 49	17 22	4 53	5 1	3 10	2 21	3 43
S 3	22 45	25 19	4 49	22 35	0 32	22 23	0 59	15 23	3 18	4 24	1 18	18 38	1 22	18 51	0 41	18 21	1 35	15 49	17 22	4 57	5 2	3 7	2 22	3 43
S 4	22 51	27 41	5 0	23 3	0 41	22 7	1 13	15 15	3 21	4 21	1 19	18 37	1 22	18 52	0 41	18 21	1 35	15 48	17 21	5 2	5 3	3 3	2 23	3 43
M 5	22 57	28 30	4 55	23 29	0 51	21 50	1 27	15 7	3 24	4 19	1 19	18 35	1 22	18 52	0 41	18 22	1 35	15 48	17 21	5 7	5 5	3 0	2 23	3 43
T 6	23 2	27 36	4 33	23 52	1 0	21 34	1 41	14 58	3 27	4 17	1 19	18 33	1 22	18 53	0 41	18 22	1 35	15 47	17 20	5 11	5 6	2 56	2 24	3 44
W 7	23 7	25 0	3 55	24 13	1 8	21 17	1 55	14 50	3 29	4 15	1 19	18 32	1 22	18 53	0 41	18 23	1 35	15 47	17 20	5 14	5 7	2 53	2 24	3 44
T 8	23 12	20 53	3 2	24 31	1 16	21 0	2 9	14 42	3 32	4 12	1 20	18 30	1 22	18 53	0 41	18 23	1 35	15 46	17 19	5 17	5 8	2 49	2 25	3 44
F 9	23 16	15 34	1 58	24 47	1 23	20 44	2 22	14 34	3 35	4 10	1 20	18 29	1 22	18 54	0 41	18 23	1 35	15 46	17 19	5 18	5 10	2 46	2 26	3 44
S 10	23 20	9 25	0 47	24 59	1 29	20 27	2 35	14 26	3 37	4 8	1 20	18 27	1 22	18 54	0 41	18 24	1 35	15 45	17 18	5 18	5 11	2 42	2 26	3 44
S 11	23 24	2 47	0n28	25 9	1 34	20 11	2 48	14 18	3 40	4 6	1 21	18 25	1 22	18 54	0 41	18 24	1 35	15 45	17 17	5 18	5 12	2 39	2 27	3 44
M12	23 27	3n58	1 41	25 15	1 39	19 55	3 0	14 10	3 43	4 4	1 21	18 24	1 22	18 55	0 41	18 25	1 35	15 44	17 17	5 18	5 13	2 36	2 27	3 45
T 13	23 29	10 31	2 47	25 19	1 43	19 40	3 12	14 3	3 46	4 3	1 21	18 22	1 22	18 55	0 41	18 25	1 35	15 44	17 16	5 19	5 15	2 32	2 27	3 45
W14	23 31	16 32	3 44	25 20	1 47	19 25	3 24	13 55	3 49	4 1	1 21	18 20	1 22	18 56	0 41	18 26	1 35	15 43	17 16	5 21	5 16	2 29	2 28	3 45
T 15	23 33	21 38	4 26	25 19	1 49	19 11	3 35	13 48	3 52	3 59	1 22	18 18	1 21	18 56	0 41	18 26	1 35	15 42	17 15	5 23	5 17	2 25	2 28	3 45
F 16	23 35	25 29	4 52	25 15	1 51	18 57	3 45	13 40	3 54	3 57	1 22	18 17	1 21	18 57	0 41	18 26	1 35	15 42	17 15	5 27	5 18	2 22	2 29	3 45
S 17	23 36	27 50	5 1	25 9	1 53	18 44	3 55	13 33	3 57	3 56	1 22	18 15	1 21	18 57	0 41	18 27	1 35	15 41	17 14	5 31	5 19	2 18	2 29	3 45
S 18	23 36	28 29	4 53	25 0	1 53	18 31	4 5	13 26	4 0	3 54	1 23	18 13	1 21	18 57	0 41	18 27	1 35	15 40	17 13	5 36	5 21	2 15	2 29	3 45
M19	23 36	27 30	4 29	24 49	1 53	18 19	4 13	13 19	4 3	3 53	1 23	18 11	1 21	18 58	0 41	18 28	1 35	15 40	17 13	5 41	5 22	2 11	2 30	3 46
T 20	23 36	25 2	3 53	24 36	1 52	18 8	4 22	13 13	4 6	3 52	1 23	18 10	1 21	18 58	0 41	18 28	1 36	15 39	17 12	5 44	5 23	2 8	2 30	3 46
W21	23 35	21 25	3 5	24 21	1 51	17 58	4 29	13 6	4 9	3 50	1 24	18 8	1 21	18 59	0 41	18 29	1 36	15 38	17 12	5 47	5 24	2 5	2 30	3 46
T 22	23 34	16 56	2 10	24 4	1 49	17 49	4 36	12 59	4 12	3 49	1 24	18 6	1 21	18 59	0 41	18 29	1 36	15 38	17 11	5 49	5 26	2 1	2 31	3 46
F 23	23 33	11 51	1 9	23 45	1 46	17 40	4 43	12 53	4 15	3 48	1 24	18 4	1 21	19 0	0 41	18 29	1 36	15 37	17 11	5 50	5 27	1 58	2 31	3 46
S 24	23 31	6 25	0 7	23 25	1 43	17 33	4 49	12 47	4 18	3 47	1 24	18 2	1 21	19 0	0 41	18 30	1 36	15 36	17 10	5 51	5 28	1 54	2 31	3 46
S 25	23 28	0 48	0s56	23 3	1 39	17 26	4 54	12 41	4 20	3 46	1 25	18 0	1 21	19 1	0 41	18 30	1 36	15 36	17 10	5 51	5 29	1 51	2 31	3 46
M26	23 26	4s51	1 57	22 40	1 35	17 20	4 59	12 35	4 23	3 45	1 25	17 58	1 21	19 1	0 41	18 31	1 36	15 35	17 9	5 50	5 31	1 47	2 31	3 47
T 27	23 22	10 22	2 52	22 16	1 31	17 15	5 3	12 30	4 26	3 44	1 25	17 56	1 21	19 2	0 41	18 31	1 36	15 34	17 8	5 51	5 32	1 44	2 32	3 47
W28	23 19	15 36	3 41	21 51	1 25	17 10	5 7	12 24	4 29	3 44	1 26	17 54	1 21	19 2	0 41	18 31	1 36	15 33	17 8	5 52	5 33	1 40	2 32	3 47
T 29	23 15	20 19	4 21	21 24	1 20	17 7	5 10	12 19	4 32	3 43	1 26	17 52	1 21	19 3	0 41	18 32	1 36	15 32	17 7	5 54	5 34	1 37	2 32	3 47
F 30	23n10	24s14	4s49	20n57	1n14	17n 4	5s13	12s14	4s35	3s42	1s26	17n50	1n21	19s 4	0s41	18n32	1s36	15n32	17n 7	5s56	5s36	1n33	2n32	3n47

Julian Day Number = 1991859.5, Delta T = 54m39s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'30, Lahiri = 6°19'30 Julian Calendar 1 June 741 == Greg. Calendar 5 June 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

JULY 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 49 16	11♋37'46	9♐47	3♌59	11♊ 1	10♓ 1	24♓ 4	14♌47	7°R58	29♉ 7	0♎18	14°R53	15♓51	24♍29	27°R39	S 1
S 2	18 53 13	12°35'01	23°13	5°31	11° 6	10°20	24° 6	14°54	7♒56	29° 8	0°19	14♓43	15°48	24°35	27♓39	S 2
M 3	18 57 9	13°32'17	6♑59	7° 0	11°13	10°39	24° 7	15° 0	7°54	29°10	0°20	14°33	15°45	24°42	27°39	M 3
T 4	19 1 6	14°29'34	21° 3	8°28	11°23	10°57	24° 9	15° 7	7°52	29°12	0°21	14°24	15°42	24°48	27°38	T 4
W 5	19 5 2	15°26'51	5♒20	9°54	11°35	11°14	24°10	15°14	7°50	29°13	0°22	14°17	15°39	24°55	27°38	W 5
T 6	19 8 59	16°24'09	19°44	11°18	11°48	11°31	24°11	15°21	7°48	29°15	0°23	14°13	15°36	25° 2	27°38	T 6
F 7	19 12 56	17°21'28	4♓11	12°40	12° 4	11°48	24°12	15°28	7°45	29°17	0°24	14°10	15°32	25° 8	27°37	F 7
S 8	19 16 52	18°18'49	18°34	13°59	12°21	12° 3	24°13	15°35	7°43	29°18	0°25	14°D10	15°29	25°15	27°37	S 8
S 9	19 20 49	19°16'10	2♈52	15°17	12°41	12°18	24°13	15°42	7°41	29°20	0°26	14°11	15°26	25°22	27°36	S 9
M10	19 24 45	20°13'33	17° 2	16°33	13° 2	12°32	24°14	15°49	7°39	29°21	0°27	14°R12	15°23	25°28	27°35	M10
T 11	19 28 42	21°10'57	1♉ 3	17°46	13°25	12°46	24°R14	15°56	7°36	29°23	0°28	14°11	15°20	25°35	27°35	T 11
W12	19 32 38	22° 8'22	14°54	18°57	13°50	12°59	24°14	16° 3	7°34	29°25	0°29	14° 9	15°17	25°42	27°34	W12
T 13	19 36 35	23° 5'49	28°34	20° 6	14°16	13°11	24°13	16°11	7°32	29°26	0°30	14° 5	15°13	25°48	27°33	T 13
F 14	19 40 31	24° 3'17	12♊ 3	21°13	14°44	13°23	24°13	16°18	7°30	29°28	0°32	13°58	15°10	25°55	27°32	F 14
S 15	19 44 28	25° 0'46	25°19	22°17	15°13	13°33	24°12	16°25	7°27	29°29	0°33	13°51	15° 7	26° 2	27°32	S 15
S 16	19 48 25	25°58'17	8♋23	23°18	15°44	13°43	24°11	16°32	7°25	29°30	0°34	13°42	15° 4	26° 8	27°31	S 16
M17	19 52 21	26°55'48	21°12	24°17	16°16	13°52	24°10	16°40	7°23	29°32	0°35	13°34	15° 1	26°15	27°30	M17
T 18	19 56 18	27°53'21	3♌47	25°13	16°50	14° 1	24° 9	16°47	7°20	29°33	0°37	13°27	14°57	26°22	27°29	T 18
W19	20 0 14	28°50'55	16° 8	26° 6	17°25	14° 8	24° 7	16°54	7°18	29°35	0°38	13°22	14°54	26°28	27°28	W19
T 20	20 4 11	29°48'31	28°17	26°56	18° 1	14°15	24° 5	17° 2	7°16	29°36	0°39	13°19	14°51	26°35	27°26	T 20
F 21	20 8 7	0♌46'07	10♍15	27°42	18°38	14°21	24° 4	17° 9	7°13	29°37	0°41	13°D18	14°48	26°41	27°25	F 21
S 22	20 12 4	1°43'44	22° 6	28°25	19°17	14°26	24° 1	17°16	7°11	29°38	0°42	13°18	14°45	26°48	27°24	S 22
S 23	20 16 0	2°41'23	3♎54	29° 5	19°56	14°31	23°59	17°24	7° 8	29°40	0°44	13°19	14°42	26°55	27°23	S 23
M24	20 19 57	3°39'03	15°42	29°40	20°37	14°34	23°57	17°31	7° 6	29°41	0°45	13°21	14°38	27° 1	27°21	M24
T 25	20 23 54	4°36'43	27°37	0♏12	21°19	14°37	23°54	17°39	7° 4	29°42	0°47	13°22	14°35	27° 8	27°20	T 25
W26	20 27 50	5°34'25	9♏42	0°39	22° 1	14°39	23°51	17°46	7° 1	29°43	0°48	13°R22	14°32	27°15	27°19	W26
T 27	20 31 47	6°32'08	22° 3	1° 1	22°45	14°40	23°48	17°54	6°59	29°44	0°50	13°21	14°29	27°21	27°17	T 27
F 28	20 35 43	7°29'53	4♐45	1°19	23°29	14°R40	23°45	18° 1	6°56	29°45	0°51	13°18	14°26	27°28	27°16	F 28
S 29	20 39 40	8°27'38	17°50	1°32	24°15	14°40	23°41	18° 9	6°54	29°46	0°53	13°14	14°22	27°35	27°14	S 29
S 30	20 43 36	9°25'25	1♑20	1°39	25° 1	14°38	23°38	18°16	6°52	29°47	0°55	13° 9	14°19	27°41	27°12	S 30
M31	20 47 33	10♌23'13	15♑16	1°R42	25♊48	14♓36	23♓34	18♌24	6♒49	29♉48	0♎56	13♓ 4	14♓16	27♍48	27♓11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	27s 3	5s 3	20n29	1n 7	17n 2	5s16	12s 9	4s38	3s42	1s27	17n48	1n21	19s 4	0s42	18n32	1s36	15n31	17n 6	6s 0	5s37	1n30	2n32	3n47
S 2	23 0	28 26	5 1	20 0	1 0	17 1	5 18	12 4	4 41	3 41	1 27	17 46	1 21	19 5	0 42	18 33	1 36	15 30	17 6	6 3	5 38	1 27	2 32	3 48
M 3	22 55	28 6	4 41	19 30	0 53	17 0	5 19	12 0	4 44	3 41	1 27	17 44	1 21	19 5	0 42	18 33	1 36	15 29	17 5	6 7	5 39	1 23	2 32	3 48
T 4	22 49	25 58	4 5	19 0	0 45	17 1	5 20	11 55	4 47	3 41	1 28	17 42	1 21	19 6	0 42	18 33	1 36	15 28	17 5	6 11	5 41	1 20	2 32	3 48
W 5	22 42	22 10	3 12	18 29	0 37	17 1	5 21	11 51	4 50	3 40	1 28	17 40	1 21	19 6	0 42	18 34	1 36	15 27	17 4	6 14	5 42	1 16	2 32	3 48
T 6	22 35	17 0	2 7	17 58	0 28	17 3	5 22	11 48	4 53	3 40	1 28	17 38	1 21	19 7	0 42	18 34	1 36	15 27	17 4	6 15	5 43	1 13	2 32	3 48
F 7	22 28	10 52	0 53	17 26	0 20	17 5	5 22	11 44	4 56	3 40	1 29	17 36	1 21	19 8	0 42	18 34	1 36	15 26	17 3	6 16	5 44	1 9	2 32	3 48
S 8	22 21	4 11	0n24	16 55	0 11	17 7	5 21	11 41	4 59	3 40	1 29	17 34	1 21	19 8	0 42	18 35	1 36	15 25	17 2	6 16	5 46	1 6	2 32	3 48
S 9	22 13	2n39	1 39	16 23	0 1	17 10	5 21	11 37	5 1	3 40	1 29	17 32	1 21	19 9	0 42	18 35	1 36	15 24	17 2	6 16	5 47	1 2	2 32	3 49
M10	22 4	9 18	2 47	15 51	0s 8	17 14	5 20	11 35	5 4	3 41	1 29	17 30	1 21	19 9	0 42	18 35	1 36	15 23	17 1	6 16	5 48	0 59	2 32	3 49
T 11	21 55	15 25	3 45	15 19	0 18	17 18	5 19	11 32	5 7	3 41	1 30	17 28	1 21	19 10	0 42	18 36	1 36	15 22	17 1	6 16	5 49	0 56	2 32	3 49
W12	21 46	20 41	4 28	14 48	0 28	17 22	5 17	11 29	5 10	3 41	1 30	17 26	1 21	19 11	0 42	18 36	1 36	15 21	17 0	6 17	5 50	0 52	2 31	3 49
T 13	21 37	24 47	4 56	14 16	0 39	17 27	5 16	11 27	5 13	3 42	1 30	17 23	1 21	19 11	0 42	18 36	1 36	15 20	17 0	6 18	5 52	0 49	2 31	3 49
F 14	21 27	27 27	5 7	13 45	0 49	17 32	5 14	11 25	5 16	3 42	1 31	17 21	1 21	19 12	0 42	18 36	1 36	15 19	16 59	6 21	5 53	0 45	2 31	3 49
S 15	21 17	28 32	5 1	13 14	1 0	17 37	5 12	11 24	5 18	3 43	1 31	17 19	1 21	19 12	0 42	18 37	1 36	15 18	16 59	6 24	5 54	0 42	2 31	3 49
S 16	21 6	27 59	4 39	12 44	1 11	17 42	5 9	11 22	5 21	3 43	1 31	17 17	1 21	19 13	0 42	18 37	1 36	15 17	16 58	6 27	5 55	0 38	2 31	3 50
M17	20 55	25 56	4 4	12 14	1 22	17 48	5 7	11 21	5 24	3 44	1 32	17 15	1 21	19 14	0 42	18 37	1 36	15 16	16 58	6 30	5 57	0 35	2 30	3 50
T 18	20 44	22 38	3 17	11 45	1 33	17 54	5 4	11 21	5 26	3 45	1 32	17 12	1 21	19 14	0 42	18 38	1 36	15 15	16 57	6 33	5 58	0 31	2 30	3 50
W19	20 32	18 22	2 22	11 16	1 44	18 0	5 1	11 20	5 29	3 46	1 32	17 10	1 22	19 15	0 42	18 38	1 36	15 14	16 57	6 35	5 59	0 28	2 30	3 50
T 20	20 20	13 25	1 21	10 48	1 56	18 7	4 58	11 20	5 32	3 47	1 33	17 8	1 22	19 15	0 42	18 38	1 36	15 14	16 56	6 36	6 0	0 24	2 29	3 50
F 21	20 7	8 2	0 16	10 22	2 7	18 13	4 55	11 20	5 34	3 48	1 33	17 6	1 22	19 16	0 42	18 38	1 37	15 13	16 56	6 37	6 2	0 21	2 29	3 50
S 22	19 55	2 25	0s48	9 56	2 19	18 19	4 52	11 20	5 37	3 49	1 33	17 4	1 22	19 17	0 42	18 38	1 37	15 12	16 56	6 36	6 3	0 18	2 29	3 50
S 23	19 42	3s14	1 50	9 32	2 30	18 26	4 48	11 20	5 39	3 50	1 33	17 1	1 22	19 17	0 42	18 39	1 37	15 11	16 55	6 36	6 4	0 14	2 28	3 50
M24	19 28	8 47	2 47	9 9	2 41	18 33	4 44	11 21	5 41	3 51	1 34	16 59	1 22	19 18	0 42	18 39	1 37	15 10	16 55	6 35	6 5	0 11	2 28	3 51
T 25	19 14	14 5	3 38	8 48	2 52	18 39	4 41	11 22	5 44	3 53	1 34	16 57	1 22	19 19	0 42	18 39	1 37	15 8	16 54	6 35	6 7	0 7	2 27	3 51
W26	19 0	18 55	4 20	8 28	3 3	18 46	4 37	11 24	5 46	3 54	1 34	16 55	1 22	19 19	0 42	18 39	1 37	15 7	16 54	6 35	6 8	0 4	2 27	3 51
T 27	18 46	23 5	4 51	8 10	3 14	18 52	4 33	11 25	5 48	3 55	1 35	16 52	1 22	19 20	0 42	18 40	1 37	15 6	16 53	6 35	6 9	0 0	2 26	3 51
F 28	18 31	26 17	5 8	7 54	3 25	18 58	4 28	11 27	5 50	3 57	1 35	16 50	1 22	19 20	0 42	18 40	1 37	15 5	16 53	6 36	6 10	0s 3	2 26	3 51
S 29	18 16	28 12	5 11	7 40	3 35	19 5	4 24	11 29	5 52	3 59	1 35	16 48	1 22	19 21	0 42	18 40	1 37	15 4	16 52	6 38	6 11	0 7	2 25	3 51
S 30	18 1	28 32	4 57	7 28	3 44	19 11	4 20	11 31	5 54	4 0	1 35	16 45	1 22	19 22	0 42	18 40	1 37	15 3	16 52	6 40	6 13	0 10	2 25	3 51
M31	17n45	27s 6	4s24	7n19	3s53	19n17	4s15	11s34	5s56	4s 2	1s36	16n43	1n22	19s22	0s42	18n40	1s37	15n 2	16n52	6s42	6s14	0s14	2n24	3n51

Julian Day Number = 1991889.5, Delta T = 54m38s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'34, Lahiri = 6°19'34 Julian Calendar 1 July 741 == Greg. Calendar 5 July 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

AUGUST 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 51 29	11♌21'03	29♉35	1°R38	26♊36	14°R33	23°R30	18♌31	6°R47	29♉49	0♎58	13°R 0	14♓13	27♍55	27°R 9	T 1
W 2	20 55 26	12°18'54	14♒11	1♍29	27°25	14♓29	23♓26	18°39	6♒45	29°50	1° 0	12♓56	14°10	28° 1	27♓ 7	W 2
T 3	20 59 23	13°16'47	28°59	1°13	28°14	14°24	23°22	18°46	6°42	29°51	1° 2	12°54	14° 7	28° 8	27° 6	T 3
F 4	21 3 19	14°14'41	13♓49	0°52	29° 5	14°19	23°17	18°54	6°40	29°52	1° 3	12°D53	14° 3	28°15	27° 4	F 4
S 5	21 7 16	15°12'37	28°36	0°25	29°56	14°12	23°12	19° 1	6°37	29°53	1° 5	12°54	14° 0	28°21	27° 2	S 5
S 6	21 11 12	16°10'35	13♈13	29♌52	0♋47	14° 5	23° 8	19° 9	6°35	29°54	1° 7	12°55	13°57	28°28	27° 0	S 6
M 7	21 15 9	17° 8'34	27°36	29°13	1°39	13°57	23° 3	19°16	6°33	29°55	1° 9	12°57	13°54	28°35	26°58	M 7
T 8	21 19 5	18° 6'36	11♉42	28°29	2°32	13°48	22°57	19°24	6°30	29°55	1°11	12°R58	13°51	28°41	26°56	T 8
W 9	21 23 2	19° 4'40	25°30	27°41	3°26	13°39	22°52	19°32	6°28	29°56	1°12	12°58	13°48	28°48	26°54	W 9
T 10	21 26 58	20° 2'46	9♊ 0	26°49	4°20	13°29	22°47	19°39	6°26	29°57	1°14	12°57	13°44	28°54	26°52	T 10
F 11	21 30 55	21° 0'54	22°14	25°53	5°15	13°18	22°41	19°47	6°23	29°57	1°16	12°54	13°41	29° 1	26°50	F 11
S 12	21 34 52	21°59'04	5♋11	24°56	6°10	13° 6	22°35	19°54	6°21	29°58	1°18	12°52	13°38	29° 8	26°48	S 12
S 13	21 38 48	22°57'17	17°54	23°58	7° 6	12°54	22°29	20° 2	6°19	29°59	1°20	12°49	13°35	29°14	26°46	S 13
M14	21 42 45	23°55'31	0♌24	23° 0	8° 2	12°41	22°23	20° 9	6°17	29°59	1°22	12°46	13°32	29°21	26°43	M14
T 15	21 46 41	24°53'46	12°42	22° 3	8°59	12°27	22°17	20°17	6°14	29°59	1°24	12°43	13°28	29°28	26°41	T 15
W16	21 50 38	25°52'04	24°50	21°10	9°56	12°13	22°10	20°25	6°12	0♊ 0	1°26	12°42	13°25	29°34	26°39	W16
T 17	21 54 34	26°50'24	6♍49	20°21	10°54	11°58	22° 4	20°32	6°10	0° 1	1°28	12°41	13°22	29°41	26°37	T 17
F 18	21 58 31	27°48'45	18°42	19°37	11°52	11°43	21°57	20°40	6° 8	0° 1	1°30	12°D41	13°19	29°48	26°34	F 18
S 19	22 2 27	28°47'08	0♎30	18°59	12°51	11°27	21°51	20°47	6° 6	0° 2	1°32	12°41	13°16	29°54	26°32	S 19
S 20	22 6 24	29°45'33	12°17	18°29	13°50	11°12	21°44	20°55	6° 4	0° 2	1°34	12°42	13°13	0♎ 1	26°30	S 20
M21	22 10 21	0♍44'00	24° 5	18° 8	14°49	10°55	21°37	21° 2	6° 1	0° 2	1°37	12°44	13° 9	0° 8	26°27	M21
T 22	22 14 17	1°42'28	6♏ 0	17°55	15°49	10°39	21°30	21°10	5°59	0° 3	1°39	12°45	13° 6	0°14	26°25	T 22
W23	22 18 14	2°40'59	18° 4	17°D51	16°49	10°22	21°23	21°17	5°57	0° 3	1°41	12°46	13° 3	0°21	26°22	W23
T 24	22 22 10	3°39'31	0♐23	17°56	17°50	10° 5	21°15	21°25	5°55	0° 3	1°43	12°R46	13° 0	0°28	26°20	T 24
F 25	22 26 7	4°38'04	13° 1	18°11	18°51	9°47	21° 8	21°32	5°53	0° 3	1°45	12°46	12°57	0°34	26°17	F 25
S 26	22 30 3	5°36'40	26° 1	18°36	19°52	9°30	21° 0	21°40	5°51	0° 3	1°47	12°45	12°54	0°41	26°15	S 26
S 27	22 34 0	6°35'17	9♑27	19° 9	20°54	9°12	20°53	21°47	5°49	0° 4	1°50	12°45	12°50	0°48	26°12	S 27
M28	22 37 56	7°33'56	23°21	19°51	21°56	8°55	20°45	21°54	5°47	0° 4	1°52	12°44	12°47	0°54	26°10	M28
T 29	22 41 53	8°32'37	7♒40	20°42	22°58	8°38	20°38	22° 2	5°45	0° 4	1°54	12°44	12°44	1° 1	26° 7	T 29
W30	22 45 50	9°31'19	22°23	21°40	24° 1	8°20	20°30	22° 9	5°44	0°R 4	1°56	12°43	12°41	1° 7	26° 4	W30
T 31	22 49 46	10♍30'03	7♓22	22♌46	25♋ 4	8♓ 3	20♓22	22♌17	5♒42	0♊ 4	1♎59	12°D43	12♓38	1♎14	26♓ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n30	23s53	3s35	7n12	4s 2	19n23	4s11	11s37	5s58	4s 4	1s36	16n41	1n22	19s23	0s42	18n40	1s37	15n 1	16n51	6s44	6s15	0s17	2n24	3n51
W 2	17 13	19 5	2 31	7 9	4 9	19 28	4 6	11 40	5 59	4 6	1 36	16 38	1 22	19 23	0 42	18 41	1 37	15 0	16 51	6 45	6 16	0 20	2 23	3 52
T 3	16 57	13 5	1 16	7 8	4 16	19 34	4 2	11 43	6 1	4 8	1 36	16 36	1 22	19 24	0 42	18 41	1 37	14 59	16 50	6 46	6 18	0 24	2 22	3 52
F 4	16 40	6 20	0n 5	7 10	4 21	19 39	3 57	11 46	6 2	4 10	1 37	16 34	1 22	19 25	0 42	18 41	1 37	14 58	16 50	6 46	6 19	0 27	2 22	3 52
S 5	16 23	0n45	1 25	7 16	4 25	19 44	3 52	11 50	6 3	4 12	1 37	16 32	1 22	19 25	0 42	18 41	1 37	14 57	16 50	6 46	6 20	0 31	2 21	3 52
S 6	16 6	7 42	2 39	7 25	4 28	19 49	3 47	11 54	6 5	4 14	1 37	16 29	1 22	19 26	0 42	18 41	1 37	14 56	16 49	6 45	6 21	0 34	2 20	3 52
M 7	15 48	14 8	3 42	7 37	4 29	19 53	3 42	11 58	6 6	4 16	1 37	16 27	1 22	19 26	0 42	18 41	1 37	14 55	16 49	6 45	6 23	0 38	2 20	3 52
T 8	15 30	19 43	4 29	7 53	4 29	19 58	3 37	12 2	6 6	4 18	1 38	16 25	1 22	19 27	0 42	18 41	1 37	14 54	16 48	6 44	6 24	0 41	2 19	3 52
W 9	15 12	24 7	5 0	8 11	4 27	20 1	3 32	12 7	6 7	4 21	1 38	16 22	1 23	19 28	0 42	18 41	1 37	14 53	16 48	6 44	6 25	0 45	2 18	3 52
T 10	14 54	27 7	5 14	8 33	4 23	20 5	3 27	12 11	6 8	4 23	1 38	16 20	1 23	19 28	0 42	18 42	1 37	14 52	16 48	6 45	6 26	0 48	2 18	3 52
F 11	14 35	28 33	5 11	8 57	4 17	20 8	3 22	12 16	6 8	4 26	1 38	16 17	1 23	19 29	0 42	18 42	1 37	14 51	16 47	6 46	6 27	0 51	2 17	3 52
S 12	14 17	28 21	4 51	9 23	4 9	20 11	3 17	12 21	6 9	4 28	1 39	16 15	1 23	19 29	0 42	18 42	1 38	14 49	16 47	6 47	6 29	0 55	2 16	3 52
S 13	13 58	26 40	4 18	9 52	3 59	20 13	3 12	12 26	6 9	4 31	1 39	16 13	1 23	19 30	0 42	18 42	1 38	14 48	16 47	6 48	6 30	0 58	2 15	3 52
M14	13 38	23 40	3 33	10 22	3 48	20 15	3 6	12 31	6 9	4 33	1 39	16 10	1 23	19 30	0 42	18 42	1 38	14 47	16 46	6 49	6 31	1 2	2 14	3 53
T 15	13 19	19 38	2 38	10 53	3 34	20 17	3 1	12 36	6 9	4 36	1 39	16 8	1 23	19 31	0 42	18 42	1 38	14 46	16 46	6 50	6 32	1 5	2 14	3 53
W16	12 59	14 51	1 37	11 24	3 19	20 18	2 56	12 41	6 8	4 39	1 39	16 6	1 23	19 32	0 42	18 42	1 38	14 45	16 46	6 51	6 34	1 9	2 13	3 53
T 17	12 39	9 34	0 32	11 55	3 3	20 19	2 51	12 46	6 8	4 42	1 40	16 3	1 23	19 32	0 42	18 42	1 38	14 44	16 45	6 51	6 35	1 12	2 12	3 53
F 18	12 19	3 59	0s33	12 25	2 45	20 20	2 45	12 52	6 7	4 44	1 40	16 1	1 23	19 33	0 42	18 42	1 38	14 43	16 45	6 51	6 36	1 16	2 11	3 53
S 19	11 59	1s41	1 37	12 54	2 27	20 19	2 40	12 57	6 6	4 47	1 40	15 59	1 23	19 33	0 42	18 42	1 38	14 42	16 45	6 51	6 37	1 19	2 10	3 53
S 20	11 38	7 17	2 37	13 22	2 8	20 19	2 35	13 2	6 5	4 50	1 40	15 56	1 23	19 34	0 42	18 42	1 38	14 41	16 44	6 50	6 39	1 22	2 9	3 53
M21	11 17	12 39	3 30	13 47	1 49	20 18	2 29	13 7	6 4	4 53	1 40	15 54	1 23	19 34	0 42	18 42	1 38	14 40	16 44	6 50	6 40	1 26	2 8	3 53
T 22	10 56	17 37	4 15	14 9	1 29	20 17	2 24	13 12	6 3	4 56	1 40	15 52	1 24	19 35	0 42	18 42	1 38	14 39	16 44	6 49	6 41	1 29	2 7	3 53
W23	10 35	21 57	4 49	14 28	1 10	20 15	2 19	13 18	6 1	4 59	1 41	15 49	1 24	19 35	0 42	18 42	1 38	14 38	16 44	6 49	6 42	1 33	2 6	3 53
T 24	10 14	25 25	5 10	14 45	0 52	20 12	2 13	13 23	5 59	5 2	1 41	15 47	1 24	19 36	0 42	18 42	1 38	14 36	16 43	6 49	6 43	1 36	2 5	3 53
F 25	9 53	27 46	5 17	14 57	0 33	20 9	2 8	13 27	5 57	5 5	1 41	15 45	1 24	19 36	0 42	18 42	1 38	14 35	16 43	6 49	6 45	1 40	2 4	3 53
S 26	9 31	28 42	5 9	15 6	0 16	20 6	2 3	13 32	5 55	5 8	1 41	15 42	1 24	19 37	0 42	18 42	1 38	14 34	16 43	6 49	6 46	1 43	2 3	3 53
S 27	9 9	27 59	4 44	15 11	0n 0	20 2	1 57	13 37	5 53	5 11	1 41	15 40	1 24	19 37	0 42	18 42	1 38	14 33	16 43	6 49	6 47	1 46	2 2	3 53
M28	8 47	25 32	4 1	15 13	0 16	19 58	1 52	13 41	5 51	5 14	1 41	15 38	1 24	19 38	0 42	18 42	1 38	14 32	16 43	6 50	6 48	1 50	2 1	3 53
T 29	8 25	21 25	3 3	15 10	0 30	19 53	1 47	13 45	5 48	5 17	1 41	15 35	1 24	19 38	0 42	18 42	1 38	14 31	16 42	6 50	6 50	1 53	2 0	3 53
W30	8 3	15 53	1 51	15 4	0 44	19 47	1 42	13 50	5 45	5 21	1 41	15 33	1 24	19 39	0 42	18 42	1 38	14 30	16 42	6 50	6 51	1 57	1 59	3 53
T 31	7n41	9s19	0s30	14n54	0n56	19n41	1s36	13s53	5s42	5s24	1s42	15n31	1n25	19s39	0s42	18n42	1s38	14n29	16n42	6s50	6s52	2s 0	1n58	3n53

Julian Day Number = 1991920.5, Delta T = 54m37s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'38, Lahiri = 6°19'38 Julian Calendar 1 Aug. 741 == Greg. Calendar 5 Aug. 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

SEPTEMBER 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 53 43	11♍28'50	22♓31	23♌58	26♋ 7	7°R46	20°R14	22♌24	5°R40	0°R 4	2♎ 1	12♓43	12♓34	1♎21	25°R59	F 1
S 2	22 57 39	12°27'38	7♈38	25°16	27°11	7♓29	20♓ 6	22°31	5♒38	0♊ 4	2° 3	12°R43	12°31	1°27	25♓56	S 2
S 3	23 1 36	13°26'29	22°36	26°39	28°15	7°13	19°58	22°38	5°36	0° 4	2° 5	12°43	12°28	1°34	25°54	S 3
M 4	23 5 32	14°25'22	7♉18	28° 7	29°19	6°56	19°50	22°46	5°35	0° 3	2° 8	12°43	12°25	1°41	25°51	M 4
T 5	23 9 29	15°24'17	21°38	29°39	0♌24	6°40	19°42	22°53	5°33	0° 3	2°10	12°43	12°22	1°47	25°48	T 5
W 6	23 13 25	16°23'15	5♊33	1♍14	1°29	6°25	19°34	23° 0	5°31	0° 3	2°12	12°43	12°19	1°54	25°46	W 6
T 7	23 17 22	17°22'15	19° 4	2°52	2°34	6°10	19°26	23° 7	5°30	0° 3	2°15	12°D43	12°15	2° 1	25°43	T 7
F 8	23 21 19	18°21'18	2♋11	4°33	3°39	5°55	19°18	23°14	5°28	0° 3	2°17	12°43	12°12	2° 7	25°40	F 8
S 9	23 25 15	19°20'23	14°58	6°15	4°45	5°41	19°10	23°21	5°27	0° 2	2°19	12°43	12° 9	2°14	25°37	S 9
S 10	23 29 12	20°19'30	27°28	7°59	5°51	5°27	19° 2	23°28	5°25	0° 2	2°22	12°44	12° 6	2°21	25°35	S 10
M11	23 33 8	21°18'40	9♌44	9°44	6°57	5°14	18°54	23°36	5°24	0° 2	2°24	12°45	12° 3	2°27	25°32	M11
T 12	23 37 5	22°17'52	21°48	11°30	8° 3	5° 2	18°46	23°42	5°22	0° 1	2°26	12°46	12° 0	2°34	25°29	T 12
W13	23 41 1	23°17'06	3♍45	13°16	9° 9	4°50	18°38	23°49	5°21	0° 1	2°29	12°46	11°56	2°41	25°26	W13
T 14	23 44 58	24°16'22	15°37	15° 3	10°16	4°39	18°30	23°56	5°20	0° 0	2°31	12°R46	11°53	2°47	25°24	T 14
F 15	23 48 54	25°15'40	27°25	16°49	11°23	4°28	18°22	24° 3	5°18	29♉59	2°33	12°46	11°50	2°54	25°21	F 15
S 16	23 52 51	26°15'01	9♎13	18°36	12°30	4°18	18°14	24°10	5°17	29°59	2°36	12°45	11°47	3° 1	25°18	S 16
S 17	23 56 47	27°14'23	21° 2	20°22	13°38	4° 9	18° 6	24°17	5°16	29°59	2°38	12°43	11°44	3° 7	25°15	S 17
M18	0 0 44	28°13'48	2♏54	22° 8	14°45	4° 1	17°58	24°24	5°15	29°58	2°41	12°40	11°40	3°14	25°13	M18
T 19	0 4 41	29°13'14	14°52	23°54	15°53	3°53	17°51	24°30	5°14	29°57	2°43	12°38	11°37	3°21	25°10	T 19
W20	0 8 37	0♎12'42	26°59	25°39	17° 1	3°47	17°43	24°37	5°13	29°57	2°45	12°35	11°34	3°27	25° 7	W20
T 21	0 12 34	1°12'13	9♐19	27°24	18° 9	3°41	17°35	24°44	5°12	29°56	2°48	12°33	11°31	3°34	25° 4	T 21
F 22	0 16 30	2°11'45	21°54	29° 8	19°18	3°35	17°28	24°50	5°11	29°55	2°50	12°32	11°28	3°41	25° 2	F 22
S 23	0 20 27	3°11'19	4♑49	0♎52	20°26	3°31	17°20	24°57	5°10	29°55	2°53	12°D32	11°25	3°47	24°59	S 23
S 24	0 24 23	4°10'55	18° 6	2°34	21°35	3°27	17°13	25° 3	5° 9	29°54	2°55	12°32	11°21	3°54	24°56	S 24
M25	0 28 20	5°10'33	1♒48	4°17	22°44	3°25	17° 6	25°10	5° 8	29°53	2°57	12°34	11°18	4° 1	24°53	M25
T 26	0 32 16	6°10'12	15°57	5°58	23°53	3°23	16°58	25°16	5° 7	29°52	3° 0	12°35	11°15	4° 7	24°51	T 26
W27	0 36 13	7° 9'53	0♓30	7°39	25° 2	3°22	16°51	25°22	5° 6	29°51	3° 2	12°36	11°12	4°14	24°48	W27
T 28	0 40 10	8° 9'36	15°25	9°20	26°12	3°D21	16°44	25°28	5° 6	29°50	3° 4	12°R37	11° 9	4°20	24°45	T 28
F 29	0 44 6	9° 9'21	0♈35	11° 0	27°21	3°22	16°37	25°35	5° 5	29°50	3° 7	12°36	11° 5	4°27	24°43	F 29
S 30	0 48 3	10♎ 9'07	15♈51	12♎39	28♌31	3♓23	16♓31	25♌41	5♒ 4	29♉49	3♎ 9	12♓33	11♓ 2	4♎34	24♓40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n18	2s10	0n54	14n40	1n 7	19n35	1s31	13s57	5s39	5s27	1s42	15n28	1n25	19s39	0s42	18n42	1s38	14n28	16n42	6s50	6s53	2s 4	1n57	3n53
S 2	6 56	5n 6	2 14	14 23	1 16	19 28	1 26	14 0	5 36	5 30	1 42	15 26	1 25	19 40	0 42	18 42	1 39	14 27	16 42	6 50	6 54	2 7	1 56	3 53
S 3	6 33	12 0	3 24	14 2	1 25	19 20	1 21	14 4	5 33	5 33	1 42	15 24	1 25	19 40	0 42	18 42	1 39	14 26	16 41	6 50	6 56	2 10	1 55	3 53
M 4	6 10	18 7	4 19	13 39	1 32	19 12	1 16	14 7	5 29	5 37	1 42	15 22	1 25	19 41	0 42	18 42	1 39	14 25	16 41	6 50	6 57	2 14	1 54	3 53
T 5	5 47	23 4	4 57	13 12	1 38	19 3	1 11	14 9	5 26	5 40	1 42	15 19	1 25	19 41	0 42	18 42	1 39	14 24	16 41	6 50	6 58	2 17	1 53	3 53
W 6	5 24	26 33	5 15	12 43	1 43	18 54	1 5	14 12	5 22	5 43	1 42	15 17	1 25	19 41	0 42	18 42	1 39	14 23	16 41	6 50	6 59	2 21	1 52	3 53
T 7	5 1	28 24	5 16	12 11	1 47	18 45	1 0	14 14	5 18	5 46	1 42	15 15	1 25	19 42	0 41	18 41	1 39	14 22	16 41	6 50	7 1	2 24	1 51	3 53
F 8	4 38	28 35	5 0	11 37	1 50	18 34	0 55	14 16	5 14	5 49	1 42	15 13	1 25	19 42	0 41	18 41	1 39	14 21	16 41	6 50	7 2	2 28	1 50	3 53
S 9	4 15	27 13	4 29	11 1	1 52	18 24	0 51	14 17	5 10	5 53	1 42	15 10	1 26	19 43	0 41	18 41	1 39	14 19	16 41	6 50	7 3	2 31	1 49	3 53
S 10	3 52	24 30	3 46	10 23	1 53	18 12	0 46	14 19	5 6	5 56	1 42	15 8	1 26	19 43	0 41	18 41	1 39	14 18	16 40	6 50	7 4	2 34	1 47	3 53
M11	3 28	20 43	2 53	9 44	1 54	18 0	0 41	14 20	5 2	5 59	1 42	15 6	1 26	19 43	0 41	18 41	1 39	14 17	16 40	6 49	7 5	2 38	1 46	3 53
T 12	3 5	16 8	1 54	9 3	1 54	17 48	0 36	14 20	4 58	6 2	1 42	15 4	1 26	19 44	0 41	18 41	1 39	14 16	16 40	6 49	7 7	2 41	1 45	3 53
W13	2 41	10 58	0 50	8 21	1 53	17 35	0 31	14 21	4 53	6 5	1 42	15 1	1 26	19 44	0 41	18 41	1 39	14 15	16 40	6 49	7 8	2 45	1 44	3 53
T 14	2 17	5 28	0s16	7 38	1 51	17 22	0 27	14 21	4 49	6 8	1 42	14 59	1 26	19 44	0 41	18 41	1 39	14 14	16 40	6 49	7 9	2 48	1 43	3 53
F 15	1 54	0s12	1 20	6 54	1 49	17 8	0 22	14 20	4 44	6 12	1 42	14 57	1 26	19 44	0 41	18 40	1 39	14 13	16 40	6 49	7 10	2 52	1 42	3 53
S 16	1 30	5 50	2 21	6 10	1 46	16 53	0 17	14 20	4 40	6 15	1 42	14 55	1 27	19 45	0 41	18 40	1 39	14 12	16 40	6 49	7 12	2 55	1 40	3 53
S 17	1 6	11 17	3 16	5 25	1 43	16 39	0 13	14 19	4 35	6 18	1 42	14 53	1 27	19 45	0 41	18 40	1 39	14 11	16 40	6 50	7 13	2 58	1 39	3 53
M18	0 43	16 22	4 3	4 39	1 39	16 23	0 8	14 18	4 30	6 21	1 42	14 51	1 27	19 45	0 41	18 40	1 39	14 10	16 40	6 51	7 14	3 2	1 38	3 52
T 19	0 19	20 51	4 40	3 54	1 35	16 7	0 4	14 16	4 26	6 24	1 42	14 49	1 27	19 45	0 41	18 40	1 39	14 9	16 40	6 52	7 15	3 5	1 37	3 52
W20	0s 5	24 33	5 4	3 8	1 31	15 51	0n 0	14 14	4 21	6 27	1 42	14 46	1 27	19 46	0 41	18 40	1 39	14 9	16 40	6 53	7 16	3 9	1 36	3 52
T 21	0 29	27 11	5 15	2 21	1 26	15 34	0 5	14 12	4 16	6 30	1 42	14 44	1 27	19 46	0 41	18 39	1 39	14 8	16 40	6 54	7 18	3 12	1 35	3 52
F 22	0 53	28 32	5 11	1 35	1 21	15 17	0 9	14 10	4 12	6 33	1 42	14 42	1 27	19 46	0 41	18 39	1 39	14 7	16 40	6 54	7 19	3 15	1 33	3 52
S 23	1 17	28 23	4 52	0 49	1 16	14 59	0 13	14 7	4 7	6 35	1 41	14 40	1 28	19 46	0 41	18 39	1 40	14 6	16 40	6 54	7 20	3 19	1 32	3 52
S 24	1 40	26 37	4 17	0 3	1 10	14 41	0 17	14 4	4 2	6 38	1 41	14 38	1 28	19 47	0 41	18 39	1 40	14 5	16 40	6 54	7 21	3 22	1 31	3 52
M25	2 4	23 15	3 26	0s43	1 5	14 22	0 21	14 0	3 57	6 41	1 41	14 36	1 28	19 47	0 41	18 39	1 40	14 4	16 40	6 54	7 22	3 26	1 30	3 52
T 26	2 28	18 25	2 22	1 29	0 59	14 3	0 25	13 57	3 53	6 44	1 41	14 34	1 28	19 47	0 41	18 38	1 40	14 3	16 40	6 53	7 24	3 29	1 29	3 52
W27	2 52	12 24	1 6	2 15	0 53	13 43	0 29	13 53	3 48	6 46	1 41	14 32	1 28	19 47	0 41	18 38	1 40	14 2	16 40	6 53	7 25	3 33	1 28	3 52
T 28	3 15	5 33	0n15	3 1	0 47	13 23	0 33	13 49	3 43	6 49	1 41	14 30	1 28	19 47	0 41	18 38	1 40	14 1	16 40	6 52	7 26	3 36	1 26	3 52
F 29	3 39	1n43	1 37	3 46	0 40	13 3	0 36	13 44	3 39	6 52	1 41	14 28	1 29	19 47	0 41	18 38	1 40	14 0	16 40	6 53	7 27	3 39	1 25	3 51
S 30	4s 3	8n55	2n53	4s31	0n34	12n42	0n40	13s39	3s34	6s54	1s41	14n26	1n29	19s47	0s41	18n37	1s40	13n59	16n40	6s54	7s29	3s43	1n24	3n51

Julian Day Number = 1991951.5, Delta T = 54m37s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'42, Lahiri = 6°19'43 Julian Calendar 1 Sept. 741 == Greg. Calendar 5 Sept. 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

OCTOBER 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 51 59	11♎ 8'56	1♉ 2	14♎17	29♌41	3♓25	16°R24	25♌47	5°R 4	29°R48	3♎12	12°R30	10♓59	4♎40	24°R37	S 1
M 2	0 55 56	12° 8'47	15°58	15°56	0♍51	3°28	16♓18	25°53	5♒ 3	29♉47	3°14	12♓26	10°56	4°47	24♓35	M 2
T 3	0 59 52	13° 8'41	0♊33	17°33	2° 1	3°31	16°11	25°59	5° 3	29°46	3°16	12°21	10°53	4°54	24°32	T 3
W 4	1 3 49	14° 8'36	14°41	19°10	3°11	3°35	16° 5	26° 5	5° 3	29°45	3°19	12°17	10°50	5° 0	24°30	W 4
T 5	1 7 45	15° 8'34	28°19	20°46	4°22	3°40	15°59	26°11	5° 2	29°43	3°21	12°15	10°46	5° 7	24°27	T 5
F 6	1 11 42	16° 8'34	11♋30	22°22	5°33	3°46	15°53	26°16	5° 2	29°42	3°23	12°D13	10°43	5°14	24°24	F 6
S 7	1 15 39	17° 8'36	24°16	23°57	6°43	3°53	15°47	26°22	5° 2	29°41	3°26	12°14	10°40	5°20	24°22	S 7
S 8	1 19 35	18° 8'41	6♌41	25°32	7°54	4° 0	15°41	26°28	5° 1	29°40	3°28	12°15	10°37	5°27	24°19	S 8
M 9	1 23 32	19° 8'47	18°50	27° 7	9° 5	4° 8	15°36	26°33	5° 1	29°39	3°30	12°16	10°34	5°34	24°17	M 9
T 10	1 27 28	20° 8'56	0♍48	28°41	10°16	4°17	15°31	26°39	5° 1	29°38	3°33	12°18	10°31	5°40	24°15	T 10
W11	1 31 25	21° 9'07	12°38	0♏14	11°28	4°26	15°25	26°44	5° 1	29°36	3°35	12°R19	10°27	5°47	24°12	W11
T 12	1 35 21	22° 9'20	24°25	1°47	12°39	4°36	15°20	26°50	5°D 1	29°35	3°37	12°18	10°24	5°54	24°10	T 12
F 13	1 39 18	23° 9'34	6♎12	3°20	13°50	4°47	15°16	26°55	5° 1	29°34	3°40	12°15	10°21	6° 0	24° 7	F 13
S 14	1 43 14	24° 9'51	18° 2	4°52	15° 2	4°58	15°11	27° 0	5° 1	29°33	3°42	12°10	10°18	6° 7	24° 5	S 14
S 15	1 47 11	25°10'09	29°56	6°24	16°14	5°10	15° 6	27° 5	5° 1	29°31	3°44	12° 3	10°15	6°14	24° 3	S 15
M16	1 51 8	26°10'30	11♏57	7°56	17°26	5°23	15° 2	27°10	5° 2	29°30	3°46	11°55	10°11	6°20	24° 1	M16
T 17	1 55 4	27°10'52	24° 5	9°27	18°38	5°36	14°58	27°15	5° 2	29°28	3°49	11°46	10° 8	6°27	23°58	T 17
W18	1 59 1	28°11'16	6♐22	10°58	19°50	5°50	14°54	27°20	5° 2	29°27	3°51	11°37	10° 5	6°34	23°56	W18
T 19	2 2 57	29°11'41	18°50	12°28	21° 2	6° 5	14°50	27°25	5° 3	29°26	3°53	11°30	10° 2	6°40	23°54	T 19
F 20	2 6 54	0♏12'08	1♑30	13°58	22°14	6°20	14°47	27°30	5° 3	29°24	3°55	11°24	9°59	6°47	23°52	F 20
S 21	2 10 50	1°12'36	14°24	15°28	23°26	6°36	14°44	27°35	5° 3	29°23	3°58	11°20	9°56	6°54	23°50	S 21
S 22	2 14 47	2°13'06	27°37	16°57	24°39	6°52	14°40	27°39	5° 4	29°21	4° 0	11°D19	9°52	7° 0	23°48	S 22
M23	2 18 43	3°13'37	11♒ 8	18°26	25°51	7° 9	14°37	27°44	5° 4	29°20	4° 2	11°19	9°49	7° 7	23°46	M23
T 24	2 22 40	4°14'09	25° 2	19°54	27° 4	7°27	14°35	27°48	5° 5	29°18	4° 4	11°20	9°46	7°14	23°44	T 24
W25	2 26 37	5°14'43	9♓18	21°22	28°16	7°44	14°32	27°53	5° 6	29°17	4° 6	11°R20	9°43	7°20	23°42	W25
T 26	2 30 33	6°15'18	23°55	22°50	29°29	8° 3	14°30	27°57	5° 6	29°15	4° 8	11°20	9°40	7°27	23°40	T 26
F 27	2 34 30	7°15'54	8♈49	24°16	0♎42	8°22	14°28	28° 1	5° 7	29°14	4°10	11°17	9°37	7°34	23°38	F 27
S 28	2 38 26	8°16'31	23°54	25°43	1°55	8°41	14°26	28° 5	5° 8	29°12	4°13	11°12	9°33	7°40	23°37	S 28
S 29	2 42 23	9°17'10	9♉ 1	27° 8	3° 8	9° 1	14°24	28° 9	5° 9	29°11	4°15	11° 4	9°30	7°47	23°35	S 29
M30	2 46 19	10°17'51	23°59	28°33	4°21	9°22	14°22	28°13	5°10	29° 9	4°17	10°55	9°27	7°54	23°33	M30
T 31	2 50 16	11♏18'33	8♊39	29♏57	5♎34	9♓43	14♓21	28♌17	5♒11	29♉ 8	4♎19	10♓45	9♓24	8♎ 0	23♓31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s26	15n35	3n55	5s15	0n27	12n20	0n44	13s34	3s29	6s57	1s40	14n24	1n29	19s48	0s41	18n37	1s40	13n58	16n40	6s55	7s30	3s46	1n23	3n51
M 2	4 50	21 12	4 40	5 59	0 21	11 59	0 47	13 29	3 25	6 59	1 40	14 23	1 29	19 48	0 41	18 37	1 40	13 58	16 40	6 57	7 31	3 50	1 22	3 51
T 3	5 13	25 24	5 6	6 43	0 14	11 37	0 50	13 23	3 20	7 1	1 40	14 21	1 29	19 48	0 41	18 37	1 40	13 57	16 40	6 58	7 32	3 53	1 21	3 51
W 4	5 37	27 54	5 13	7 26	0 7	11 14	0 54	13 18	3 16	7 4	1 40	14 19	1 29	19 48	0 41	18 36	1 40	13 56	16 40	7 0	7 33	3 56	1 20	3 51
T 5	6 0	28 36	5 1	8 9	0 1	10 51	0 57	13 12	3 11	7 6	1 40	14 17	1 30	19 48	0 41	18 36	1 40	13 55	16 41	7 1	7 35	4 0	1 18	3 51
F 6	6 24	27 38	4 33	8 51	0s 6	10 28	1 0	13 5	3 7	7 8	1 40	14 15	1 30	19 48	0 41	18 36	1 40	13 54	16 41	7 1	7 36	4 3	1 17	3 51
S 7	6 47	25 14	3 53	9 33	0 13	10 5	1 3	12 59	3 2	7 10	1 39	14 13	1 30	19 48	0 41	18 36	1 40	13 53	16 41	7 1	7 37	4 7	1 16	3 50
S 8	7 10	21 40	3 2	10 14	0 19	9 41	1 6	12 52	2 58	7 12	1 39	14 12	1 30	19 48	0 41	18 35	1 40	13 53	16 41	7 1	7 38	4 10	1 15	3 50
M 9	7 33	17 15	2 5	10 55	0 26	9 17	1 9	12 45	2 54	7 14	1 39	14 10	1 30	19 48	0 41	18 35	1 40	13 52	16 41	7 0	7 39	4 13	1 14	3 50
T 10	7 56	12 14	1 2	11 35	0 33	8 52	1 12	12 38	2 50	7 16	1 39	14 8	1 31	19 48	0 41	18 35	1 40	13 51	16 41	7 0	7 41	4 17	1 13	3 50
W11	8 18	6 50	0s 2	12 15	0 39	8 28	1 14	12 31	2 45	7 18	1 39	14 6	1 31	19 48	0 41	18 34	1 40	13 50	16 41	6 59	7 42	4 20	1 12	3 50
T 12	8 41	1 14	1 5	12 54	0 46	8 2	1 17	12 23	2 41	7 20	1 38	14 5	1 31	19 48	0 41	18 34	1 40	13 50	16 42	7 0	7 43	4 24	1 11	3 50
F 13	9 4	4s25	2 6	13 32	0 52	7 37	1 19	12 15	2 37	7 21	1 38	14 3	1 31	19 48	0 41	18 34	1 40	13 49	16 42	7 1	7 44	4 27	1 9	3 49
S 14	9 26	9 55	3 2	14 9	0 59	7 12	1 22	12 7	2 33	7 23	1 38	14 1	1 31	19 48	0 41	18 34	1 40	13 48	16 42	7 3	7 46	4 30	1 8	3 49
S 15	9 48	15 6	3 49	14 46	1 5	6 46	1 24	11 59	2 29	7 24	1 38	14 0	1 32	19 48	0 40	18 33	1 40	13 47	16 42	7 5	7 47	4 34	1 7	3 49
M16	10 10	19 45	4 27	15 22	1 11	6 20	1 26	11 51	2 25	7 26	1 38	13 58	1 32	19 48	0 40	18 33	1 40	13 47	16 42	7 8	7 48	4 37	1 6	3 49
T 17	10 32	23 39	4 53	15 57	1 17	5 53	1 29	11 42	2 21	7 27	1 37	13 57	1 32	19 48	0 40	18 33	1 40	13 46	16 43	7 12	7 49	4 40	1 5	3 49
W18	10 54	26 33	5 6	16 32	1 23	5 27	1 31	11 34	2 17	7 29	1 37	13 55	1 32	19 47	0 40	18 32	1 40	13 45	16 43	7 15	7 50	4 44	1 4	3 49
T 19	11 16	28 12	5 5	17 6	1 29	5 0	1 33	11 25	2 14	7 30	1 37	13 54	1 32	19 47	0 40	18 32	1 40	13 45	16 43	7 18	7 52	4 47	1 3	3 48
F 20	11 37	28 25	4 49	17 38	1 34	4 33	1 35	11 16	2 10	7 31	1 37	13 52	1 33	19 47	0 40	18 32	1 40	13 44	16 43	7 20	7 53	4 51	1 2	3 48
S 21	11 59	27 6	4 18	18 10	1 40	4 6	1 36	11 6	2 6	7 32	1 36	13 51	1 33	19 47	0 40	18 31	1 40	13 43	16 44	7 22	7 54	4 54	1 1	3 48
S 22	12 20	24 16	3 33	18 41	1 45	3 38	1 38	10 57	2 3	7 33	1 36	13 49	1 33	19 47	0 40	18 31	1 40	13 43	16 44	7 22	7 55	4 57	1 0	3 48
M23	12 40	20 2	2 35	19 12	1 50	3 11	1 40	10 47	1 59	7 34	1 36	13 48	1 33	19 47	0 40	18 31	1 40	13 42	16 44	7 22	7 56	5 1	0 59	3 48
T 24	13 1	14 37	1 27	19 41	1 55	2 43	1 41	10 37	1 56	7 35	1 36	13 47	1 33	19 47	0 40	18 30	1 40	13 42	16 44	7 22	7 58	5 4	0 58	3 47
W25	13 22	8 18	0 11	20 9	1 59	2 15	1 42	10 27	1 52	7 36	1 35	13 45	1 34	19 46	0 40	18 30	1 41	13 41	16 45	7 22	7 59	5 7	0 57	3 47
T 26	13 42	1 24	1n 7	20 36	2 4	1 47	1 44	10 17	1 49	7 36	1 35	13 44	1 34	19 46	0 40	18 30	1 41	13 41	16 45	7 22	8 0	5 11	0 56	3 47
F 27	14 2	5n41	2 22	21 2	2 8	1 19	1 45	10 7	1 45	7 37	1 35	13 43	1 34	19 46	0 40	18 29	1 41	13 40	16 45	7 23	8 1	5 14	0 55	3 47
S 28	14 22	12 33	3 27	21 27	2 12	0 51	1 46	9 57	1 42	7 37	1 34	13 42	1 34	19 46	0 40	18 29	1 41	13 39	16 46	7 25	8 2	5 18	0 55	3 47
S 29	14 41	18 40	4 19	21 51	2 15	0 23	1 47	9 46	1 39	7 38	1 34	13 40	1 35	19 46	0 40	18 29	1 41	13 39	16 46	7 28	8 4	5 21	0 54	3 46
M30	15 1	23 36	4 51	22 13	2 18	0s 5	1 48	9 35	1 36	7 38	1 34	13 39	1 35	19 45	0 40	18 28	1 41	13 38	16 46	7 32	8 5	5 24	0 53	3 46
T 31	15s20	26n54	5n 4	22s35	2s21	0s34	1n49	9s25	1s33	7s38	1s34	13n38	1n35	19s45	0s40	18n28	1s41	13n38	16n47	7s35	8s 6	5s28	0n52	3n46

Julian Day Number = 1991981.5, Delta T = 54m36s
Ecliptic obliquity = 23°36'16, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'46, Lahiri = 6°19'47 Julian Calendar 1 Oct. 741 == Greg. Calendar 5 Oct. 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

NOVEMBER 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 54 12	12♏19'16	22♊55	1♐20	6♎47	10♓ 4	14°R20	28♌21	5♒12	29°R 6	4♎21	10°R36	9♓21	8♎ 7	23°R30	W 1
T 2	2 58 9	13°20'01	6♋42	2°42	8° 1	10°25	14♓19	28°24	5°13	29♉ 4	4°23	10♓28	9°17	8°14	23♓28	T 2
F 3	3 2 6	14°20'48	19°59	4° 3	9°14	10°48	14°18	28°28	5°14	29° 3	4°25	10°23	9°14	8°20	23°27	F 3
S 4	3 6 2	15°21'36	2♌50	5°22	10°28	11°10	14°18	28°31	5°15	29° 1	4°27	10°20	9°11	8°27	23°25	S 4
S 5	3 9 59	16°22'26	15°17	6°40	11°41	11°33	14°18	28°35	5°16	28°59	4°28	10°D19	9° 8	8°34	23°24	S 5
M 6	3 13 55	17°23'18	27°26	7°56	12°55	11°56	14°D18	28°38	5°18	28°58	4°30	10°20	9° 5	8°40	23°22	M 6
T 7	3 17 52	18°24'10	9♍22	9°10	14° 8	12°20	14°18	28°41	5°19	28°56	4°32	10°R20	9° 2	8°47	23°21	T 7
W 8	3 21 48	19°25'05	21°11	10°22	15°22	12°44	14°18	28°44	5°20	28°54	4°34	10°19	8°58	8°54	23°20	W 8
T 9	3 25 45	20°26'00	2♎57	11°30	16°36	13° 8	14°19	28°47	5°22	28°53	4°36	10°17	8°55	9° 0	23°19	T 9
F 10	3 29 41	21°26'57	14°46	12°36	17°49	13°33	14°19	28°50	5°23	28°51	4°38	10°12	8°52	9° 7	23°18	F 10
S 11	3 33 38	22°27'55	26°40	13°38	19° 3	13°58	14°20	28°53	5°25	28°49	4°40	10° 3	8°49	9°14	23°16	S 11
S 12	3 37 35	23°28'55	8♏42	14°36	20°17	14°24	14°21	28°56	5°26	28°48	4°41	9°53	8°46	9°20	23°15	S 12
M13	3 41 31	24°29'55	20°53	15°30	21°31	14°50	14°23	28°58	5°28	28°46	4°43	9°40	8°43	9°27	23°14	M13
T 14	3 45 28	25°30'57	3♐16	16°18	22°45	15°16	14°24	29° 1	5°30	28°44	4°45	9°26	8°39	9°34	23°13	T 14
W15	3 49 24	26°31'59	15°49	17° 0	23°59	15°42	14°26	29° 3	5°31	28°43	4°46	9°12	8°36	9°40	23°12	W15
T 16	3 53 21	27°33'03	28°33	17°35	25°13	16° 9	14°28	29° 5	5°33	28°41	4°48	8°59	8°33	9°47	23°12	T 16
F 17	3 57 17	28°34'07	11♑28	18° 2	26°27	16°36	14°30	29° 7	5°35	28°39	4°50	8°49	8°30	9°54	23°11	F 17
S 18	4 1 14	29°35'12	24°34	18°20	27°42	17° 3	14°33	29° 9	5°37	28°37	4°51	8°42	8°27	10° 0	23°10	S 18
S 19	4 5 10	0♐36'17	7♒53	18°R30	28°56	17°31	14°35	29°11	5°39	28°36	4°53	8°38	8°23	10° 7	23° 9	S 19
M20	4 9 7	1°37'23	21°24	18°29	0♏10	17°59	14°38	29°13	5°40	28°34	4°54	8°37	8°20	10°14	23° 9	M20
T 21	4 13 4	2°38'29	5♓10	18°17	1°24	18°27	14°41	29°15	5°42	28°32	4°56	8°36	8°17	10°20	23° 8	T 21
W22	4 17 0	3°39'36	19°12	17°53	2°39	18°56	14°44	29°17	5°44	28°31	4°57	8°36	8°14	10°27	23° 8	W22
T 23	4 20 57	4°40'42	3♈29	17°18	3°53	19°24	14°48	29°18	5°46	28°29	4°59	8°35	8°11	10°34	23° 7	T 23
F 24	4 24 53	5°41'50	17°59	16°32	5° 7	19°53	14°51	29°19	5°49	28°27	5° 0	8°31	8° 8	10°40	23° 7	F 24
S 25	4 28 50	6°42'57	2♉40	15°34	6°22	20°22	14°55	29°21	5°51	28°26	5° 2	8°24	8° 4	10°47	23° 6	S 25
S 26	4 32 46	7°44'05	17°25	14°28	7°36	20°52	14°59	29°22	5°53	28°24	5° 3	8°14	8° 1	10°54	23° 6	S 26
M27	4 36 43	8°45'14	2♊ 6	13°14	8°51	21°21	15° 3	29°23	5°55	28°22	5° 4	8° 2	7°58	11° 0	23° 6	M27
T 28	4 40 40	9°46'23	16°35	11°54	10° 5	21°51	15° 8	29°24	5°57	28°21	5° 6	7°50	7°55	11° 7	23° 6	T 28
W29	4 44 36	10°47'32	0♋45	10°32	11°20	22°21	15°12	29°25	6° 0	28°19	5° 7	7°38	7°52	11°14	23° 6	W29
T 30	4 48 33	11♐48'43	14♋31	9♐ 9	12♏34	22♓52	15♓17	29♌26	6♒ 2	28♉17	5♎ 8	7♓28	7♓49	11♎20	23♓ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s38	28n22	4n57	22s54	2s23	1s 2	1n50	9s14	1s30	7s38	1s33	13n37	1n35	19s45	0s40	18n28	1s41	13n37	16n47	7s39	8s 7	5s31	0n51	3n46
T 2	15 57	27 59	4 33	23 13	2 25	1 31	1 50	9 3	1 27	7 39	1 33	13 36	1 36	19 44	0 40	18 27	1 41	13 37	16 47	7 42	8 8	5 34	0 50	3 45
F 3	16 15	25 59	3 55	23 30	2 27	1 59	1 51	8 51	1 24	7 39	1 33	13 35	1 36	19 44	0 40	18 27	1 41	13 37	16 48	7 44	8 10	5 38	0 49	3 45
S 4	16 33	22 41	3 6	23 46	2 28	2 28	1 51	8 40	1 21	7 39	1 33	13 34	1 36	19 44	0 40	18 26	1 41	13 36	16 48	7 45	8 11	5 41	0 49	3 45
S 5	16 51	18 25	2 9	24 0	2 28	2 56	1 52	8 29	1 18	7 38	1 32	13 33	1 36	19 43	0 40	18 26	1 41	13 36	16 48	7 45	8 12	5 44	0 48	3 45
M 6	17 8	13 31	1 8	24 13	2 28	3 25	1 52	8 17	1 15	7 38	1 32	13 32	1 36	19 43	0 40	18 26	1 41	13 35	16 49	7 45	8 13	5 48	0 47	3 45
T 7	17 25	8 11	0 5	24 24	2 28	3 53	1 52	8 5	1 12	7 38	1 32	13 31	1 37	19 43	0 40	18 25	1 41	13 35	16 49	7 45	8 14	5 51	0 46	3 44
W 8	17 42	2 38	0s57	24 34	2 26	4 22	1 52	7 54	1 10	7 37	1 31	13 30	1 37	19 42	0 40	18 25	1 41	13 35	16 50	7 45	8 16	5 55	0 46	3 44
T 9	17 59	2s58	1 57	24 42	2 24	4 50	1 52	7 42	1 7	7 37	1 31	13 30	1 37	19 42	0 40	18 25	1 41	13 34	16 50	7 46	8 17	5 58	0 45	3 44
F 10	18 15	8 30	2 52	24 48	2 21	5 19	1 52	7 30	1 4	7 36	1 31	13 29	1 37	19 42	0 40	18 24	1 41	13 34	16 50	7 48	8 18	6 1	0 44	3 44
S 11	18 31	13 45	3 40	24 52	2 17	5 47	1 52	7 18	1 2	7 36	1 31	13 28	1 38	19 41	0 40	18 24	1 41	13 33	16 51	7 51	8 19	6 5	0 44	3 43
S 12	18 46	18 33	4 18	24 54	2 12	6 15	1 52	7 5	0 59	7 35	1 30	13 27	1 38	19 41	0 40	18 23	1 41	13 33	16 51	7 55	8 20	6 8	0 43	3 43
M13	19 2	22 40	4 45	24 54	2 6	6 43	1 52	6 53	0 57	7 34	1 30	13 27	1 38	19 40	0 40	18 23	1 41	13 33	16 52	8 0	8 22	6 11	0 42	3 43
T 14	19 16	25 50	4 59	24 52	2 0	7 11	1 51	6 41	0 54	7 33	1 30	13 26	1 38	19 40	0 40	18 23	1 41	13 33	16 52	8 5	8 23	6 15	0 42	3 43
W15	19 31	27 47	4 58	24 49	1 51	7 39	1 51	6 28	0 52	7 32	1 29	13 25	1 39	19 40	0 40	18 22	1 41	13 32	16 53	8 11	8 24	6 18	0 41	3 42
T 16	19 45	28 19	4 43	24 43	1 42	8 7	1 50	6 15	0 49	7 31	1 29	13 25	1 39	19 39	0 40	18 22	1 41	13 32	16 53	8 15	8 25	6 21	0 41	3 42
F 17	19 59	27 19	4 14	24 35	1 31	8 34	1 50	6 3	0 47	7 30	1 29	13 24	1 39	19 39	0 40	18 22	1 41	13 32	16 53	8 19	8 26	6 25	0 40	3 42
S 18	20 12	24 48	3 30	24 24	1 19	9 2	1 49	5 50	0 45	7 29	1 28	13 24	1 39	19 38	0 39	18 21	1 41	13 32	16 54	8 22	8 28	6 28	0 40	3 42
S 19	20 25	20 55	2 35	24 12	1 6	9 29	1 48	5 37	0 42	7 28	1 28	13 23	1 40	19 38	0 39	18 21	1 41	13 32	16 54	8 23	8 29	6 31	0 39	3 41
M20	20 38	15 53	1 30	23 57	0 51	9 56	1 47	5 24	0 40	7 26	1 28	13 23	1 40	19 37	0 39	18 21	1 41	13 31	16 55	8 24	8 30	6 35	0 39	3 41
T 21	20 50	9 58	0 18	23 40	0 35	10 23	1 46	5 11	0 38	7 25	1 28	13 23	1 40	19 37	0 39	18 20	1 41	13 31	16 55	8 24	8 31	6 38	0 38	3 41
W22	21 2	3 27	0n56	23 20	0 17	10 49	1 45	4 58	0 36	7 23	1 27	13 22	1 40	19 36	0 39	18 20	1 41	13 31	16 56	8 24	8 32	6 41	0 38	3 41
T 23	21 13	3n20	2 7	22 58	0n 1	11 16	1 44	4 44	0 34	7 22	1 27	13 22	1 41	19 36	0 39	18 19	1 41	13 31	16 56	8 25	8 34	6 45	0 37	3 40
F 24	21 24	10 3	3 12	22 34	0 21	11 42	1 43	4 31	0 32	7 20	1 27	13 22	1 41	19 35	0 39	18 19	1 41	13 31	16 57	8 26	8 35	6 48	0 37	3 40
S 25	21 35	16 18	4 4	22 8	0 41	12 8	1 42	4 18	0 30	7 18	1 26	13 21	1 41	19 34	0 39	18 19	1 41	13 31	16 57	8 29	8 36	6 51	0 37	3 40
S 26	21 45	21 38	4 41	21 41	1 1	12 33	1 41	4 4	0 28	7 17	1 26	13 21	1 41	19 34	0 39	18 18	1 41	13 31	16 58	8 32	8 37	6 55	0 36	3 40
M27	21 55	25 35	4 58	21 12	1 21	12 59	1 39	3 51	0 26	7 15	1 26	13 21	1 42	19 33	0 39	18 18	1 41	13 31	16 58	8 37	8 38	6 58	0 36	3 39
T 28	22 4	27 50	4 57	20 43	1 40	13 24	1 38	3 37	0 24	7 13	1 26	13 21	1 42	19 33	0 39	18 18	1 41	13 31	16 59	8 41	8 40	7 1	0 36	3 39
W29	22 13	28 12	4 36	20 14	1 58	13 48	1 36	3 23	0 22	7 11	1 25	13 21	1 42	19 32	0 39	18 17	1 40	13 30	16 59	8 46	8 41	7 5	0 35	3 39
T 30	22s22	26n47	4n 0	19s46	2n14	14s13	1n35	3s10	0s20	7s 9	1s25	13n21	1n42	19s32	0s39	18n17	1s40	13n30	17n 0	8s50	8s42	7s 8	0n35	3n39

Julian Day Number = 1992012.5, Delta T = 54m35s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'51, Lahiri = 6°19'51 Julian Calendar 1 Nov. 741 == Greg. Calendar 5 Nov. 741

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ASTRODIENST EPHEMERIS for the year 741
geocentric

DECEMBER 741 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 52 29	12♐49'53	27♋51	7°R50	13♏49	23♓22	15♓22	29♌26	6♒ 4	28°R16	5♎ 9	7°R20	7♓45	11♎27	23°D 6	F 1
S 2	4 56 26	13°51'04	10♌45	6♐35	15° 3	23°53	15°27	29°27	6° 7	28♉14	5°11	7♓15	7°42	11°34	23♓ 6	S 2
S 3	5 0 22	14°52'16	23°16	5°28	16°18	24°23	15°32	29°27	6° 9	28°12	5°12	7°13	7°39	11°40	23° 6	S 3
M 4	5 4 19	15°53'28	5♍28	4°30	17°33	24°54	15°38	29°27	6°12	28°11	5°13	7°D12	7°36	11°47	23° 6	M 4
T 5	5 8 15	16°54'40	17°26	3°42	18°47	25°26	15°43	29°28	6°14	28° 9	5°14	7°R12	7°33	11°54	23° 6	T 5
W 6	5 12 12	17°55'53	29°17	3° 4	20° 2	25°57	15°49	29°R28	6°17	28° 8	5°15	7°12	7°29	12° 0	23° 6	W 6
T 7	5 16 9	18°57'06	11♎ 4	2°37	21°17	26°29	15°55	29°28	6°19	28° 6	5°16	7°10	7°26	12° 7	23° 7	T 7
F 8	5 20 5	19°58'20	22°55	2°20	22°31	27° 0	16° 1	29°28	6°22	28° 4	5°17	7° 5	7°23	12°14	23° 7	F 8
S 9	5 24 2	20°59'34	4♏52	2°D14	23°46	27°32	16° 8	29°27	6°25	28° 3	5°18	6°58	7°20	12°20	23° 7	S 9
S 10	5 27 58	22° 0'48	17° 1	2°16	25° 1	28° 4	16°14	29°27	6°27	28° 1	5°19	6°48	7°17	12°27	23° 8	S 10
M11	5 31 55	23° 2'02	29°23	2°27	26°16	28°36	16°21	29°26	6°30	28° 0	5°20	6°36	7°14	12°34	23° 8	M11
T 12	5 35 51	24° 3'17	11♐59	2°47	27°31	29° 9	16°28	29°26	6°33	27°58	5°21	6°22	7°10	12°40	23° 9	T 12
W13	5 39 48	25° 4'31	24°51	3°13	28°45	29°41	16°35	29°25	6°36	27°57	5°21	6° 9	7° 7	12°47	23°10	W13
T 14	5 43 44	26° 5'45	7♑56	3°46	0♐ 0	0♈14	16°42	29°24	6°38	27°55	5°22	5°57	7° 4	12°54	23°10	T 14
F 15	5 47 41	27° 6'59	21°14	4°24	1°15	0°47	16°49	29°23	6°41	27°54	5°23	5°47	7° 1	13° 0	23°11	F 15
S 16	5 51 38	28° 8'13	4♒42	5° 8	2°30	1°20	16°57	29°22	6°44	27°53	5°24	5°41	6°58	13° 7	23°12	S 16
S 17	5 55 34	29° 9'26	18°20	5°57	3°45	1°53	17° 4	29°21	6°47	27°51	5°24	5°37	6°55	13°14	23°13	S 17
M18	5 59 31	0♑10'39	2♓ 5	6°50	5° 0	2°26	17°12	29°20	6°50	27°50	5°25	5°D36	6°51	13°20	23°14	M18
T 19	6 3 27	1°11'51	15°58	7°46	6°14	2°59	17°20	29°19	6°53	27°48	5°26	5°36	6°48	13°27	23°15	T 19
W20	6 7 24	2°13'02	29°58	8°46	7°29	3°33	17°28	29°17	6°56	27°47	5°26	5°R36	6°45	13°34	23°16	W20
T 21	6 11 20	3°14'12	14♈ 5	9°49	8°44	4° 6	17°36	29°16	6°59	27°46	5°27	5°36	6°42	13°40	23°17	T 21
F 22	6 15 17	4°15'22	28°17	10°55	9°59	4°40	17°45	29°14	7° 2	27°44	5°27	5°33	6°39	13°47	23°18	F 22
S 23	6 19 13	5°16'31	12♉33	12° 3	11°14	5°14	17°53	29°12	7° 5	27°43	5°28	5°28	6°35	13°54	23°19	S 23
S 24	6 23 10	6°17'40	26°50	13°13	12°29	5°48	18° 2	29°10	7° 8	27°42	5°28	5°21	6°32	14° 0	23°21	S 24
M25	6 27 7	7°18'47	11♊ 2	14°25	13°44	6°22	18°11	29° 9	7°11	27°41	5°28	5°12	6°29	14° 7	23°22	M25
T 26	6 31 3	8°19'54	25° 5	15°39	14°59	6°56	18°20	29° 6	7°14	27°39	5°29	5° 2	6°26	14°14	23°23	T 26
W27	6 35 0	9°21'00	8♋55	16°55	16°13	7°30	18°29	29° 4	7°17	27°38	5°29	4°52	6°23	14°20	23°25	W27
T 28	6 38 56	10°22'06	22°26	18°12	17°28	8° 5	18°38	29° 2	7°21	27°37	5°29	4°44	6°20	14°27	23°26	T 28
F 29	6 42 53	11°23'10	5♌37	19°30	18°43	8°39	18°47	29° 0	7°24	27°36	5°30	4°38	6°16	14°34	23°28	F 29
S 30	6 46 49	12°24'14	18°27	20°50	19°58	9°13	18°57	28°57	7°27	27°35	5°30	4°34	6°13	14°40	23°29	S 30
S 31	6 50 46	13♑25'18	0♍57	22♐11	21♐13	9♈48	19♓ 7	28♌55	7♒30	27♉34	5♎30	4°D33	6♓10	14♎47	23♓31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s30	23n52	3n12	19s19	2n29	14s37	1n33	2s56	0s18	7s 6	1s25	13n21	1n43	19s31	0s39	18n17	1s40	13n30	17n 0	8s53	8s43	7s11	0n35	3n38
S 2	22 37	19 49	2 15	18 55	2 40	15 0	1 32	2 42	0 16	7 4	1 24	13 21	1 43	19 30	0 39	18 16	1 40	13 30	17 1	8 54	8 44	7 14	0 35	3 38
S 3	22 44	15 0	1 13	18 35	2 50	15 24	1 30	2 28	0 15	7 2	1 24	13 21	1 43	19 30	0 39	18 16	1 40	13 31	17 1	8 55	8 45	7 18	0 34	3 38
M 4	22 51	9 43	0 9	18 17	2 57	15 47	1 28	2 14	0 13	7 0	1 24	13 21	1 43	19 29	0 39	18 16	1 40	13 31	17 2	8 56	8 47	7 21	0 34	3 38
T 5	22 57	4 10	0s54	18 4	3 2	16 9	1 26	2 0	0 11	6 57	1 24	13 21	1 44	19 28	0 39	18 15	1 40	13 31	17 3	8 56	8 48	7 24	0 34	3 37
W 6	23 3	1s27	1 54	17 54	3 5	16 31	1 24	1 46	0 10	6 55	1 23	13 22	1 44	19 28	0 39	18 15	1 40	13 31	17 3	8 56	8 49	7 28	0 34	3 37
T 7	23 8	7 0	2 49	17 48	3 5	16 53	1 22	1 32	0 8	6 52	1 23	13 22	1 44	19 27	0 39	18 15	1 40	13 31	17 4	8 56	8 50	7 31	0 34	3 37
F 8	23 13	12 19	3 37	17 46	3 4	17 14	1 20	1 18	0 6	6 49	1 23	13 22	1 45	19 26	0 39	18 14	1 40	13 31	17 4	8 58	8 51	7 34	0 34	3 37
S 9	23 18	17 15	4 16	17 47	3 2	17 35	1 18	1 4	0 5	6 47	1 23	13 23	1 45	19 26	0 39	18 14	1 40	13 31	17 5	9 1	8 53	7 38	0 34	3 36
S 10	23 22	21 33	4 44	17 51	2 58	17 55	1 16	0 49	0 3	6 44	1 22	13 23	1 45	19 25	0 39	18 14	1 40	13 31	17 5	9 5	8 54	7 41	0 34	3 36
M11	23 25	25 1	4 59	17 58	2 53	18 15	1 14	0 35	0 2	6 41	1 22	13 23	1 45	19 24	0 39	18 13	1 40	13 31	17 6	9 9	8 55	7 44	0 34	3 36
T 12	23 28	27 20	5 0	18 7	2 48	18 34	1 12	0 21	0 0	6 38	1 22	13 24	1 46	19 24	0 39	18 13	1 40	13 32	17 6	9 14	8 56	7 47	0 34	3 36
W13	23 31	28 15	4 45	18 18	2 41	18 53	1 10	0 6	0n 1	6 35	1 22	13 24	1 46	19 23	0 39	18 13	1 40	13 32	17 7	9 19	8 57	7 51	0 34	3 35
T 14	23 33	27 38	4 16	18 32	2 34	19 12	1 7	0n 8	0 3	6 32	1 21	13 25	1 46	19 22	0 39	18 12	1 40	13 32	17 8	9 23	8 59	7 54	0 34	3 35
F 15	23 34	25 25	3 32	18 46	2 26	19 29	1 5	0 23	0 4	6 29	1 21	13 25	1 46	19 21	0 39	18 12	1 40	13 32	17 8	9 27	9 0	7 57	0 34	3 35
S 16	23 35	21 45	2 36	19 2	2 18	19 47	1 3	0 37	0 6	6 26	1 21	13 26	1 47	19 21	0 39	18 12	1 40	13 33	17 9	9 30	9 1	8 1	0 34	3 35
S 17	23 36	16 52	1 31	19 19	2 10	20 3	1 0	0 52	0 7	6 22	1 21	13 27	1 47	19 20	0 39	18 12	1 40	13 33	17 9	9 31	9 2	8 4	0 34	3 34
M18	23 36	11 6	0 19	19 36	2 2	20 20	0 58	1 6	0 8	6 19	1 20	13 27	1 47	19 19	0 39	18 11	1 40	13 33	17 10	9 31	9 3	8 7	0 34	3 34
T 19	23 36	4 44	0n55	19 54	1 53	20 35	0 56	1 21	0 10	6 16	1 20	13 28	1 47	19 18	0 39	18 11	1 40	13 33	17 10	9 31	9 4	8 10	0 34	3 34
W20	23 35	1n55	2 6	20 12	1 44	20 50	0 53	1 35	0 11	6 12	1 20	13 29	1 48	19 18	0 39	18 11	1 40	13 34	17 11	9 31	9 6	8 14	0 34	3 33
T 21	23 34	8 30	3 10	20 30	1 35	21 5	0 51	1 50	0 12	6 9	1 20	13 29	1 48	19 17	0 39	18 11	1 40	13 34	17 12	9 31	9 7	8 17	0 35	3 33
F 22	23 32	14 43	4 3	20 49	1 26	21 18	0 48	2 4	0 14	6 5	1 19	13 30	1 48	19 16	0 39	18 10	1 40	13 34	17 12	9 32	9 8	8 20	0 35	3 33
S 23	23 30	20 9	4 41	21 7	1 17	21 32	0 46	2 19	0 15	6 2	1 19	13 31	1 48	19 15	0 39	18 10	1 40	13 35	17 13	9 34	9 9	8 24	0 35	3 33
S 24	23 27	24 27	5 1	21 25	1 9	21 44	0 43	2 34	0 16	5 58	1 19	13 32	1 49	19 14	0 39	18 10	1 40	13 35	17 13	9 37	9 10	8 27	0 35	3 33
M25	23 24	27 15	5 3	21 42	1 0	21 56	0 41	2 48	0 17	5 55	1 19	13 33	1 49	19 14	0 39	18 10	1 40	13 35	17 14	9 40	9 12	8 30	0 36	3 32
T 26	23 20	28 17	4 46	21 59	0 51	22 7	0 38	3 3	0 18	5 51	1 18	13 34	1 49	19 13	0 39	18 9	1 40	13 36	17 15	9 44	9 13	8 33	0 36	3 32
W27	23 16	27 30	4 13	22 15	0 42	22 18	0 35	3 18	0 20	5 47	1 18	13 35	1 49	19 12	0 39	18 9	1 40	13 36	17 15	9 47	9 14	8 37	0 36	3 32
T 28	23 12	25 6	3 26	22 31	0 34	22 28	0 33	3 32	0 21	5 43	1 18	13 36	1 49	19 11	0 39	18 9	1 40	13 37	17 16	9 50	9 15	8 40	0 37	3 32
F 29	23 7	21 24	2 29	22 46	0 25	22 37	0 30	3 47	0 22	5 39	1 18	13 37	1 50	19 10	0 39	18 9	1 39	13 37	17 16	9 53	9 16	8 43	0 37	3 31
S 30	23 1	16 45	1 25	23 0	0 17	22 46	0 28	4 2	0 23	5 35	1 18	13 38	1 50	19 9	0 39	18 8	1 39	13 38	17 17	9 54	9 17	8 46	0 38	3 31
S 31	22s55	11n31	0n19	23s14	0n 9	22s54	0n25	4n16	0n24	5s31	1s17	13n39	1n50	19s 9	0s39	18n 8	1s39	13n38	17n17	9s55	9s19	8s50	0n38	3n31

Julian Day Number = 1992042.5, Delta T = 54m34s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'55, Lahiri = 6°19'55 Julian Calendar 1 Dec. 741 == Greg. Calendar 5 Dec. 741

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ASTRODIENST EPHEMERIS for the year 742
geocentric

JANUARY 742 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 54 43	14♉26'21	13♍11	23♐33	22♐28	10♈23	19♓16	28°R52	7♒34	27°R33	5♎30	4♓33	6♓ 7	14♎54	23♓33	M 1
T 2	6 58 39	15°27'23	25°11	24°56	23°43	10°57	19°26	28♌49	7°37	27♉32	5°30	4°34	6° 4	15° 0	23°34	T 2
W 3	7 2 36	16°28'24	7♎ 3	26°20	24°58	11°32	19°36	28°46	7°40	27°31	5°30	4°35	6° 1	15° 7	23°36	W 3
T 4	7 6 32	17°29'25	18°53	27°45	26°13	12° 7	19°46	28°44	7°43	27°30	5°R30	4°R36	5°57	15°14	23°38	T 4
F 5	7 10 29	18°30'25	0♏45	29°11	27°28	12°42	19°56	28°41	7°47	27°29	5°30	4°35	5°54	15°21	23°40	F 5
S 6	7 14 25	19°31'24	12°44	0♉37	28°43	13°17	20° 7	28°37	7°50	27°28	5°30	4°32	5°51	15°27	23°42	S 6
S 7	7 18 22	20°32'23	24°55	2° 5	29°57	13°52	20°17	28°34	7°53	27°27	5°30	4°27	5°48	15°34	23°44	S 7
M 8	7 22 18	21°33'21	7♐22	3°33	1♉12	14°28	20°28	28°31	7°57	27°26	5°30	4°21	5°45	15°41	23°46	M 8
T 9	7 26 15	22°34'18	20° 7	5° 3	2°27	15° 3	20°39	28°28	8° 0	27°25	5°30	4°13	5°41	15°47	23°48	T 9
W10	7 30 12	23°35'14	3♉11	6°32	3°42	15°38	20°49	28°24	8° 4	27°24	5°30	4° 6	5°38	15°54	23°50	W10
T 11	7 34 8	24°36'09	16°35	8° 3	4°57	16°14	21° 0	28°21	8° 7	27°24	5°30	3°59	5°35	16° 1	23°52	T 11
F 12	7 38 5	25°37'03	0♒16	9°35	6°12	16°49	21°11	28°17	8°10	27°23	5°29	3°53	5°32	16° 7	23°54	F 12
S 13	7 42 1	26°37'55	14°11	11° 7	7°27	17°25	21°22	28°13	8°14	27°22	5°29	3°50	5°29	16°14	23°57	S 13
S 14	7 45 58	27°38'46	28°15	12°40	8°42	18° 0	21°34	28°10	8°17	27°21	5°29	3°D48	5°26	16°21	23°59	S 14
M15	7 49 54	28°39'36	12♓27	14°14	9°57	18°36	21°45	28° 6	8°21	27°21	5°28	3°48	5°22	16°27	24° 1	M15
T 16	7 53 51	29°40'24	26°41	15°48	11°12	19°12	21°56	28° 2	8°24	27°20	5°28	3°49	5°19	16°34	24° 4	T 16
W17	7 57 47	0♒41'10	10♈55	17°23	12°27	19°47	22° 8	27°58	8°28	27°20	5°27	3°51	5°16	16°41	24° 6	W17
T 18	8 1 44	1°41'55	25° 6	19° 0	13°41	20°23	22°19	27°54	8°31	27°19	5°27	3°R52	5°13	16°47	24° 8	T 18
F 19	8 5 41	2°42'38	9♉14	20°36	14°56	20°59	22°31	27°50	8°34	27°19	5°26	3°52	5°10	16°54	24°11	F 19
S 20	8 9 37	3°43'19	23°15	22°14	16°11	21°35	22°43	27°46	8°38	27°18	5°26	3°51	5° 7	17° 1	24°13	S 20
S 21	8 13 34	4°43'59	7♊10	23°53	17°26	22°11	22°55	27°42	8°41	27°18	5°25	3°48	5° 3	17° 7	24°16	S 21
M22	8 17 30	5°44'37	20°55	25°32	18°41	22°47	23° 7	27°38	8°45	27°17	5°25	3°44	5° 0	17°14	24°19	M22
T 23	8 21 27	6°45'13	4♋29	27°12	19°56	23°23	23°19	27°33	8°48	27°17	5°24	3°40	4°57	17°21	24°21	T 23
W24	8 25 23	7°45'47	17°51	28°53	21°11	23°59	23°31	27°29	8°52	27°16	5°23	3°35	4°54	17°27	24°24	W24
T 25	8 29 20	8°46'20	0♌58	0♒35	22°25	24°36	23°43	27°25	8°55	27°16	5°23	3°32	4°51	17°34	24°27	T 25
F 26	8 33 17	9°46'51	13°51	2°18	23°40	25°12	23°55	27°20	8°59	27°16	5°22	3°29	4°47	17°41	24°29	F 26
S 27	8 37 13	10°47'20	26°28	4° 2	24°55	25°48	24° 8	27°16	9° 2	27°16	5°21	3°28	4°44	17°47	24°32	S 27
S 28	8 41 10	11°47'48	8♍51	5°47	26°10	26°24	24°20	27°11	9° 6	27°15	5°20	3°D28	4°41	17°54	24°35	S 28
M29	8 45 6	12°48'14	21° 0	7°32	27°25	27° 1	24°33	27° 7	9° 9	27°15	5°20	3°29	4°38	18° 1	24°38	M29
T 30	8 49 3	13°48'39	3♎ 0	9°19	28°39	27°37	24°45	27° 2	9°13	27°15	5°19	3°30	4°35	18° 8	24°41	T 30
W31	8 52 59	14♒49'02	14♎53	11♒ 7	29♉54	28♈13	24♓58	26♌58	9♒16	27♉15	5♎18	3♓32	4♓32	18♎14	24♓44	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
M 1	22s49	5n56	0s46	23s26	0n 1	23s 1	0n22	4n31	0n25	5s27	1s17	13n40	1n50	19s 8	0s39	18n 8	1s39	13n39	17n18	9s55	9s20	8s53	0n38	3n31
T 2	22 42	0 16	1 49	23 38	0s 7	23 8	0 20	4 46	0 26	5 23	1 17	13 41	1 51	19 7	0 39	18 8	1 39	13 39	17 19	9 54	9 21	8 56	0 39	3 30
W 3	22 35	5s22	2 46	23 48	0 15	23 13	0 17	5 0	0 27	5 19	1 17	13 43	1 51	19 6	0 39	18 8	1 39	13 40	17 19	9 54	9 22	8 59	0 39	3 30
T 4	22 27	10 46	3 36	23 57	0 22	23 19	0 14	5 15	0 28	5 15	1 16	13 44	1 51	19 5	0 39	18 8	1 39	13 40	17 20	9 53	9 23	9 3	0 40	3 30
F 5	22 19	15 49	4 17	24 6	0 30	23 23	0 12	5 30	0 29	5 11	1 16	13 45	1 51	19 4	0 39	18 7	1 39	13 41	17 20	9 54	9 25	9 6	0 40	3 30
S 6	22 10	20 19	4 47	24 13	0 37	23 27	0 9	5 44	0 30	5 6	1 16	13 46	1 52	19 3	0 39	18 7	1 39	13 41	17 21	9 55	9 26	9 9	0 41	3 29
S 7	22 1	24 3	5 5	24 19	0 44	23 30	0 6	5 59	0 31	5 2	1 16	13 48	1 52	19 3	0 39	18 7	1 39	13 42	17 22	9 57	9 27	9 12	0 42	3 29
M 8	21 52	26 45	5 8	24 24	0 50	23 32	0 4	6 14	0 32	4 58	1 16	13 49	1 52	19 2	0 39	18 7	1 39	13 42	17 22	9 59	9 28	9 15	0 42	3 29
T 9	21 42	28 10	4 57	24 27	0 57	23 34	0 1	6 28	0 33	4 53	1 15	13 50	1 52	19 1	0 39	18 7	1 39	13 43	17 23	10 2	9 29	9 19	0 43	3 29
W10	21 32	28 4	4 30	24 29	1 3	23 34	0s 1	6 43	0 34	4 49	1 15	13 52	1 52	19 0	0 39	18 7	1 39	13 43	17 23	10 5	9 30	9 22	0 43	3 29
T 11	21 21	26 20	3 48	24 30	1 9	23 35	0 4	6 57	0 35	4 44	1 15	13 53	1 53	18 59	0 39	18 7	1 39	13 44	17 24	10 7	9 32	9 25	0 44	3 28
F 12	21 10	23 2	2 52	24 30	1 15	23 34	0 7	7 12	0 35	4 40	1 15	13 55	1 53	18 58	0 39	18 6	1 39	13 45	17 24	10 9	9 33	9 28	0 45	3 28
S 13	20 58	18 22	1 45	24 28	1 20	23 33	0 9	7 26	0 36	4 35	1 15	13 56	1 53	18 57	0 39	18 6	1 39	13 45	17 25	10 10	9 34	9 32	0 45	3 28
S 14	20 47	12 38	0 30	24 25	1 25	23 31	0 12	7 41	0 37	4 31	1 14	13 58	1 53	18 56	0 39	18 6	1 39	13 46	17 26	10 11	9 35	9 35	0 46	3 28
M15	20 34	6 13	0n47	24 20	1 30	23 28	0 14	7 55	0 38	4 26	1 14	13 59	1 53	18 55	0 39	18 6	1 39	13 47	17 26	10 11	9 36	9 38	0 47	3 27
T 16	20 22	0n32	2 2	24 14	1 35	23 24	0 17	8 10	0 39	4 21	1 14	14 1	1 54	18 55	0 39	18 6	1 39	13 47	17 27	10 10	9 37	9 41	0 48	3 27
W17	20 9	7 14	3 9	24 6	1 39	23 20	0 19	8 24	0 40	4 16	1 14	14 2	1 54	18 54	0 39	18 6	1 38	13 48	17 27	10 10	9 39	9 44	0 48	3 27
T 18	19 55	13 34	4 4	23 57	1 43	23 15	0 22	8 39	0 40	4 12	1 14	14 4	1 54	18 53	0 39	18 6	1 38	13 49	17 28	10 9	9 40	9 48	0 49	3 27
F 19	19 41	19 9	4 45	23 46	1 47	23 9	0 24	8 53	0 41	4 7	1 14	14 5	1 54	18 52	0 39	18 6	1 38	13 49	17 28	10 9	9 41	9 51	0 50	3 27
S 20	19 27	23 40	5 8	23 34	1 50	23 3	0 26	9 7	0 42	4 2	1 13	14 7	1 54	18 51	0 39	18 6	1 38	13 50	17 29	10 10	9 42	9 54	0 51	3 26
S 21	19 13	26 47	5 12	23 20	1 53	22 56	0 29	9 21	0 43	3 57	1 13	14 9	1 54	18 50	0 39	18 6	1 38	13 51	17 29	10 11	9 43	9 57	0 52	3 26
M22	18 58	28 16	4 59	23 5	1 56	22 48	0 31	9 36	0 43	3 52	1 13	14 10	1 55	18 49	0 39	18 6	1 38	13 51	17 30	10 12	9 44	10 0	0 52	3 26
T 23	18 43	28 1	4 29	22 48	1 58	22 40	0 33	9 50	0 44	3 47	1 13	14 12	1 55	18 48	0 39	18 6	1 38	13 52	17 30	10 14	9 46	10 4	0 53	3 26
W24	18 27	26 7	3 45	22 29	2 0	22 31	0 36	10 4	0 45	3 42	1 13	14 14	1 55	18 47	0 39	18 6	1 38	13 53	17 31	10 16	9 47	10 7	0 54	3 26
T 25	18 11	22 50	2 49	22 9	2 2	22 21	0 38	10 18	0 46	3 37	1 13	14 15	1 55	18 46	0 39	18 6	1 38	13 54	17 31	10 17	9 48	10 10	0 55	3 25
F 26	17 55	18 28	1 46	21 47	2 3	22 10	0 40	10 32	0 46	3 32	1 12	14 17	1 55	18 45	0 39	18 6	1 38	13 54	17 32	10 18	9 49	10 13	0 56	3 25
S 27	17 39	13 23	0 38	21 23	2 4	21 59	0 42	10 46	0 47	3 27	1 12	14 19	1 55	18 44	0 39	18 6	1 38	13 55	17 32	10 18	9 50	10 16	0 57	3 25
S 28	17 22	7 51	0s30	20 58	2 4	21 47	0 44	11 0	0 48	3 22	1 12	14 20	1 55	18 44	0 39	18 6	1 38	13 56	17 33	10 18	9 52	10 20	0 58	3 25
M29	17 5	2 8	1 35	20 31	2 4	21 35	0 46	11 14	0 48	3 17	1 12	14 22	1 56	18 43	0 39	18 6	1 38	13 57	17 33	10 18	9 53	10 23	0 59	3 25
T 30	16 48	3s35	2 36	20 2	2 4	21 22	0 49	11 27	0 49	3 12	1 12	14 24	1 56	18 42	0 39	18 6	1 38	13 57	17 34	10 17	9 54	10 26	1 0	3 25
W31	16s30	9s 7	3s29	19s31	2s 3	21s 8	0s51	11n41	0n49	3s 7	1s12	14n25	1n56	18s41	0s39	18n 6	1s38	13n58	17n34	10s17	9s55	10s29	1n 1	3n24

Julian Day Number = 1992073.5, Delta T = 54m34s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°12'59, Lahiri = 6°19'59 Julian Calendar 1 Jan. 742 == Greg. Calendar 5 Jan. 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

FEBRUARY 742 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 56 56	15♒49'23	26♎43	12♒55	1♒ 9	28♈50	25♓11	26°R53	9♒20	27°R15	5°R17	3♓33	4♓28	18♎21	24♓47	T 1
F 2	9 0 52	16°49'44	8♏35	14°44	2°24	29°26	25°24	26♌48	9°23	27♉15	5♎16	3°34	4°25	18°28	24°50	F 2
S 3	9 4 49	17°50'02	20°34	16°35	3°39	0♉ 3	25°36	26°44	9°26	27°D15	5°15	3°R34	4°22	18°34	24°53	S 3
S 4	9 8 45	18°50'19	2♐44	18°26	4°53	0°39	25°49	26°39	9°30	27°15	5°14	3°34	4°19	18°41	24°56	S 4
M 5	9 12 42	19°50'35	15°10	20°18	6° 8	1°16	26° 2	26°34	9°33	27°15	5°13	3°33	4°16	18°48	24°59	M 5
T 6	9 16 39	20°50'49	27°56	22°11	7°23	1°52	26°15	26°29	9°37	27°15	5°12	3°31	4°13	18°54	25° 2	T 6
W 7	9 20 35	21°51'02	11♑ 4	24° 5	8°38	2°29	26°29	26°25	9°40	27°15	5°11	3°30	4° 9	19° 1	25° 5	W 7
T 8	9 24 32	22°51'12	24°36	26° 0	9°52	3° 6	26°42	26°20	9°44	27°15	5°10	3°28	4° 6	19° 8	25° 8	T 8
F 9	9 28 28	23°51'21	8♒30	27°55	11° 7	3°42	26°55	26°15	9°47	27°15	5° 9	3°27	4° 3	19°14	25°11	F 9
S 10	9 32 25	24°51'29	22°45	29°51	12°22	4°19	27° 8	26°10	9°50	27°16	5° 8	3°26	4° 0	19°21	25°14	S 10
S 11	9 36 21	25°51'34	7♓15	1♓47	13°37	4°56	27°22	26° 5	9°54	27°16	5° 6	3°D26	3°57	19°28	25°18	S 11
M12	9 40 18	26°51'37	21°55	3°43	14°51	5°32	27°35	26° 1	9°57	27°16	5° 5	3°26	3°53	19°34	25°21	M12
T 13	9 44 14	27°51'38	6♈37	5°40	16° 6	6° 9	27°49	25°56	10° 1	27°17	5° 4	3°27	3°50	19°41	25°24	T 13
W14	9 48 11	28°51'37	21°16	7°36	17°21	6°46	28° 2	25°51	10° 4	27°17	5° 3	3°27	3°47	19°48	25°27	W14
T 15	9 52 8	29°51'33	5♉45	9°32	18°35	7°23	28°16	25°46	10° 7	27°17	5° 1	3°28	3°44	19°54	25°31	T 15
F 16	9 56 4	0♓51'28	20° 2	11°28	19°50	8° 0	28°29	25°42	10°10	27°18	5° 0	3°28	3°41	20° 1	25°34	F 16
S 17	10 0 1	1°51'20	4♊ 3	13°22	21° 5	8°37	28°43	25°37	10°14	27°18	4°59	3°R28	3°38	20° 8	25°37	S 17
S 18	10 3 57	2°51'10	17°48	15°15	22°19	9°13	28°57	25°32	10°17	27°19	4°57	3°28	3°34	20°15	25°41	S 18
M19	10 7 54	3°50'57	1♋16	17° 6	23°34	9°50	29°10	25°27	10°20	27°19	4°56	3°D28	3°31	20°21	25°44	M19
T 20	10 11 50	4°50'43	14°29	18°55	24°49	10°27	29°24	25°23	10°24	27°20	4°55	3°28	3°28	20°28	25°48	T 20
W21	10 15 47	5°50'26	27°27	20°41	26° 3	11° 4	29°38	25°18	10°27	27°20	4°53	3°28	3°25	20°35	25°51	W21
T 22	10 19 43	6°50'06	10♌11	22°24	27°18	11°41	29°52	25°13	10°30	27°21	4°52	3°29	3°22	20°41	25°54	T 22
F 23	10 23 40	7°49'45	22°42	24° 3	28°32	12°18	0♈ 6	25° 9	10°33	27°22	4°50	3°29	3°18	20°48	25°58	F 23
S 24	10 27 37	8°49'21	5♍ 3	25°39	29°47	12°55	0°20	25° 4	10°36	27°22	4°49	3°R29	3°15	20°55	26° 1	S 24
S 25	10 31 33	9°48'55	17°13	27° 9	1♓ 1	13°32	0°34	25° 0	10°40	27°23	4°47	3°29	3°12	21° 1	26° 5	S 25
M26	10 35 30	10°48'27	29°16	28°35	2°16	14° 9	0°48	24°55	10°43	27°24	4°46	3°28	3° 9	21° 8	26° 8	M26
T 27	10 39 26	11°47'57	11♎12	29°55	3°30	14°46	1° 2	24°51	10°46	27°25	4°44	3°27	3° 6	21°15	26°12	T 27
W28	10 43 23	12♓47'25	23♎ 4	1♈10	4♓45	15♉23	1♈16	24♌46	10♒49	27♉26	4♎43	3♓26	3♓ 3	21♎21	26♓15	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s12	14s18	4s13	18s59	2s 1	20s54	0s52	11n55	0n50	3s 1	1s12	14n27	1n56	18s40	0s39	18n 6	1s38	13n59	17n35	10s16	9s56	10s32	1n 2	3n24
F 2	15 54	18 59	4 47	18 25	1 59	20 39	0 54	12 8	0 51	2 56	1 11	14 29	1 56	18 39	0 39	18 6	1 37	14 0	17 35	10 16	9 57	10 35	1 3	3 24
S 3	15 36	22 57	5 8	17 50	1 57	20 23	0 56	12 22	0 51	2 51	1 11	14 31	1 56	18 38	0 39	18 6	1 37	14 1	17 36	10 16	9 59	10 39	1 4	3 24
S 4	15 17	26 1	5 16	17 12	1 54	20 7	0 58	12 35	0 52	2 46	1 11	14 32	1 56	18 37	0 39	18 6	1 37	14 1	17 36	10 16	10 0	10 42	1 5	3 24
M 5	14 58	27 54	5 10	16 34	1 50	19 50	1 0	12 49	0 52	2 40	1 11	14 34	1 56	18 36	0 39	18 6	1 37	14 2	17 37	10 17	10 1	10 45	1 6	3 24
T 6	14 39	28 23	4 48	15 53	1 46	19 33	1 2	13 2	0 53	2 35	1 11	14 36	1 57	18 35	0 39	18 6	1 37	14 3	17 37	10 17	10 2	10 48	1 7	3 23
W 7	14 19	27 19	4 11	15 11	1 42	19 15	1 3	13 15	0 54	2 30	1 11	14 37	1 57	18 34	0 39	18 6	1 37	14 4	17 38	10 18	10 3	10 51	1 8	3 23
T 8	14 0	24 37	3 19	14 27	1 36	18 56	1 5	13 28	0 54	2 24	1 11	14 39	1 57	18 33	0 39	18 6	1 37	14 5	17 38	10 18	10 4	10 54	1 9	3 23
F 9	13 40	20 25	2 14	13 42	1 30	18 37	1 6	13 42	0 55	2 19	1 11	14 41	1 57	18 33	0 39	18 6	1 37	14 5	17 38	10 19	10 5	10 57	1 11	3 23
S 10	13 20	14 57	0 59	12 55	1 24	18 18	1 8	13 55	0 55	2 13	1 10	14 43	1 57	18 32	0 39	18 7	1 37	14 6	17 39	10 19	10 7	11 1	1 12	3 23
S 11	12 59	8 35	0n21	12 7	1 17	17 58	1 9	14 8	0 56	2 8	1 10	14 44	1 57	18 31	0 39	18 7	1 37	14 7	17 39	10 19	10 8	11 4	1 13	3 23
M12	12 39	1 41	1 41	11 17	1 9	17 37	1 11	14 20	0 56	2 2	1 10	14 46	1 57	18 30	0 39	18 7	1 37	14 8	17 40	10 19	10 9	11 7	1 14	3 23
T 13	12 18	5n18	2 54	10 26	1 1	17 16	1 12	14 33	0 57	1 57	1 10	14 48	1 57	18 29	0 39	18 7	1 37	14 9	17 40	10 19	10 10	11 10	1 15	3 22
W14	11 57	11 59	3 55	9 35	0 52	16 54	1 13	14 46	0 57	1 51	1 10	14 50	1 57	18 28	0 39	18 7	1 37	14 10	17 40	10 18	10 11	11 13	1 16	3 22
T 15	11 36	17 56	4 41	8 42	0 43	16 32	1 15	14 59	0 58	1 46	1 10	14 51	1 57	18 27	0 39	18 7	1 37	14 10	17 41	10 18	10 12	11 16	1 18	3 22
F 16	11 15	22 49	5 9	7 49	0 32	16 10	1 16	15 11	0 58	1 40	1 10	14 53	1 57	18 26	0 39	18 7	1 37	14 11	17 41	10 18	10 14	11 19	1 19	3 22
S 17	10 53	26 18	5 17	6 55	0 22	15 47	1 17	15 24	0 59	1 35	1 10	14 55	1 57	18 25	0 39	18 8	1 37	14 12	17 41	10 18	10 15	11 23	1 20	3 22
S 18	10 32	28 9	5 8	6 1	0 11	15 24	1 18	15 36	0 59	1 29	1 10	14 56	1 57	18 25	0 39	18 8	1 37	14 13	17 42	10 18	10 16	11 26	1 21	3 22
M19	10 10	28 17	4 41	5 7	0n 1	15 0	1 19	15 48	0 59	1 24	1 10	14 58	1 57	18 24	0 39	18 8	1 36	14 14	17 42	10 18	10 17	11 29	1 23	3 22
T 20	9 48	26 47	4 0	4 13	0 13	14 36	1 20	16 0	1 0	1 18	1 9	15 0	1 58	18 23	0 39	18 8	1 36	14 15	17 42	10 18	10 18	11 32	1 24	3 22
W21	9 26	23 52	3 7	3 20	0 26	14 11	1 21	16 12	1 0	1 12	1 9	15 1	1 58	18 22	0 39	18 8	1 36	14 15	17 43	10 18	10 19	11 35	1 25	3 21
T 22	9 4	19 50	2 6	2 27	0 38	13 46	1 21	16 24	1 1	1 7	1 9	15 3	1 58	18 21	0 39	18 8	1 36	14 16	17 43	10 18	10 21	11 38	1 26	3 21
F 23	8 41	14 59	0 59	1 36	0 51	13 21	1 22	16 36	1 1	1 1	1 9	15 4	1 58	18 20	0 39	18 9	1 36	14 17	17 43	10 18	10 22	11 41	1 28	3 21
S 24	8 19	9 35	0s 9	0 46	1 4	12 55	1 23	16 48	1 1	0 55	1 9	15 6	1 58	18 19	0 39	18 9	1 36	14 18	17 44	10 18	10 23	11 44	1 29	3 21
S 25	7 56	3 55	1 16	0n 3	1 17	12 29	1 24	17 0	1 2	0 50	1 9	15 8	1 58	18 18	0 39	18 9	1 36	14 19	17 44	10 18	10 24	11 47	1 30	3 21
M26	7 34	1s49	2 18	0 49	1 30	12 3	1 24	17 11	1 2	0 44	1 9	15 9	1 58	18 18	0 39	18 9	1 36	14 20	17 44	10 18	10 25	11 51	1 31	3 21
T 27	7 11	7 26	3 14	1 33	1 43	11 36	1 25	17 22	1 3	0 38	1 9	15 11	1 58	18 17	0 39	18 10	1 36	14 20	17 44	10 19	10 26	11 54	1 33	3 21
W28	6s48	12s45	4s 1	2n14	1n56	11s 9	1s25	17n34	1n 3	0s33	1s 9	15n12	1n58	18s16	0s39	18n10	1s36	14n21	17n45	10s19	10s27	11s57	1n34	3n21

Julian Day Number = 1992104.5, Delta T = 54m33s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'03, Lahiri = 6°20'04 Julian Calendar 1 Feb. 742 == Greg. Calendar 5 Feb. 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

MARCH 742 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 47 19	13♓46'52	4♏54	2♈18	5♓59	16♉ 0	1♈30	24°R42	10♒52	27♉26	4°R41	3°R24	2♓59	21♎28	26♓19	T 1
F 2	10 51 16	14°46'16	16°46	3°20	7°14	16°37	1°44	24♌37	10°55	27°27	4♎40	3♓23	2°56	21°35	26°22	F 2
S 3	10 55 12	15°45'38	28°45	4°14	8°28	17°14	1°58	24°33	10°58	27°28	4°38	3°22	2°53	21°41	26°26	S 3
S 4	10 59 9	16°44'59	10♐53	5° 2	9°43	17°51	2°12	24°29	11° 1	27°29	4°37	3°21	2°50	21°48	26°30	S 4
M 5	11 3 6	17°44'18	23°16	5°43	10°57	18°28	2°26	24°25	11° 4	27°30	4°35	3°D21	2°47	21°55	26°33	M 5
T 6	11 7 2	18°43'35	5♑57	6°16	12°12	19° 5	2°41	24°20	11° 7	27°31	4°34	3°22	2°44	22° 2	26°37	T 6
W 7	11 10 59	19°42'51	19° 1	6°42	13°26	19°42	2°55	24°16	11°10	27°32	4°32	3°23	2°40	22° 8	26°40	W 7
T 8	11 14 55	20°42'04	2♒30	7° 0	14°41	20°20	3° 9	24°12	11°13	27°33	4°30	3°24	2°37	22°15	26°44	T 8
F 9	11 18 52	21°41'16	16°26	7°11	15°55	20°57	3°23	24° 8	11°15	27°35	4°29	3°25	2°34	22°22	26°48	F 9
S 10	11 22 48	22°40'25	0♓47	7°R15	17° 9	21°34	3°38	24° 4	11°18	27°36	4°27	3°R26	2°31	22°28	26°51	S 10
S 11	11 26 45	23°39'33	15°31	7°12	18°24	22°11	3°52	24° 1	11°21	27°37	4°25	3°26	2°28	22°35	26°55	S 11
M12	11 30 41	24°38'38	0♈29	7° 1	19°38	22°48	4° 6	23°57	11°24	27°38	4°24	3°24	2°24	22°42	26°58	M12
T 13	11 34 38	25°37'41	15°35	6°45	20°53	23°25	4°21	23°53	11°27	27°39	4°22	3°22	2°21	22°48	27° 2	T 13
W14	11 38 34	26°36'42	0♉38	6°22	22° 7	24° 2	4°35	23°49	11°29	27°40	4°20	3°19	2°18	22°55	27° 6	W14
T 15	11 42 31	27°35'41	15°31	5°54	23°21	24°40	4°50	23°46	11°32	27°42	4°19	3°16	2°15	23° 2	27° 9	T 15
F 16	11 46 28	28°34'38	0♊ 5	5°21	24°36	25°17	5° 4	23°42	11°35	27°43	4°17	3°13	2°12	23° 8	27°13	F 16
S 17	11 50 24	29°33'32	14°16	4°44	25°50	25°54	5°18	23°39	11°37	27°44	4°15	3°11	2° 9	23°15	27°16	S 17
S 18	11 54 21	0♈32'24	28° 4	4° 3	27° 4	26°31	5°33	23°36	11°40	27°46	4°14	3°D10	2° 5	23°22	27°20	S 18
M19	11 58 17	1°31'14	11♋27	3°20	28°18	27° 8	5°47	23°32	11°42	27°47	4°12	3°10	2° 2	23°29	27°24	M19
T 20	12 2 14	2°30'01	24°30	2°35	29°33	27°46	6° 2	23°29	11°45	27°49	4°10	3°12	1°59	23°35	27°27	T 20
W21	12 6 10	3°28'46	7♌13	1°50	0♈47	28°23	6°16	23°26	11°47	27°50	4° 9	3°13	1°56	23°42	27°31	W21
T 22	12 10 7	4°27'29	19°41	1° 5	2° 1	29° 0	6°30	23°23	11°50	27°52	4° 7	3°15	1°53	23°49	27°34	T 22
F 23	12 14 4	5°26'09	1♍56	0°20	3°15	29°37	6°45	23°20	11°52	27°53	4° 5	3°R16	1°50	23°55	27°38	F 23
S 24	12 18 0	6°24'47	14° 3	29♓37	4°30	0♊14	6°59	23°17	11°54	27°55	4° 4	3°15	1°46	24° 2	27°42	S 24
S 25	12 21 57	7°23'23	26° 3	28°57	5°44	0°52	7°14	23°14	11°57	27°56	4° 2	3°13	1°43	24° 9	27°45	S 25
M26	12 25 53	8°21'57	7♎57	28°20	6°58	1°29	7°28	23°12	11°59	27°58	4° 0	3° 9	1°40	24°15	27°49	M26
T 27	12 29 50	9°20'29	19°50	27°46	8°12	2° 6	7°42	23° 9	12° 1	27°59	3°58	3° 3	1°37	24°22	27°52	T 27
W28	12 33 46	10°18'59	1♏41	27°17	9°26	2°43	7°57	23° 7	12° 3	28° 1	3°57	2°57	1°34	24°29	27°56	W28
T 29	12 37 43	11°17'28	13°33	26°52	10°40	3°21	8°11	23° 4	12° 6	28° 3	3°55	2°50	1°30	24°35	27°59	T 29
F 30	12 41 39	12°15'54	25°27	26°31	11°54	3°58	8°26	23° 2	12° 8	28° 4	3°53	2°43	1°27	24°42	28° 3	F 30
S 31	12 45 36	13♈14'19	7♐28	26♓15	13♈ 9	4♊35	8♈40	23♌ 0	12♒10	28♉ 6	3♎52	2♓37	1♓24	24♎49	28♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	6s25	17s36	4s38	2n53	2n 8	10s42	1s25	17n45	1n 3	0s27	1s 9	15n14	1n58	18s15	0s39	18n10	1s36	14n22	17n45	10s20	10s29	12s 0	1n35	3n21	
F 2	6 2	21 48	5 3	3 28	2 20	10 14	1 26	17 56	1 4	0 21	1 9	15 15	1 58	18 14	0 39	18 10	1 36	14 23	17 45	10 20	10 30	12 3	1 37	3 20	
S 3	5 39	25 8	5 15	4 0	2 31	9 46	1 26	18 7	1 4	0 16	1 9	15 17	1 58	18 14	0 39	18 11	1 36	14 24	17 45	10 20	10 31	12 6	1 38	3 20	
S 4	5 16	27 24	5 14	4 29	2 41	9 18	1 26	18 18	1 4	0 10	1 8	15 18	1 58	18 13	0 39	18 11	1 36	14 24	17 46	10 21	10 32	12 9	1 39	3 20	
M 5	4 53	28 23	4 58	4 54	2 51	8 50	1 26	18 29	1 5	0 4	1 8	15 19	1 58	18 12	0 39	18 11	1 36	14 25	17 46	10 21	10 33	12 12	1 41	3 20	
T 6	4 29	27 55	4 27	5 15	2 59	8 22	1 26	18 39	1 5	0n 2	1 8	15 21	1 58	18 11	0 39	18 11	1 36	14 26	17 46	10 20	10 34	12 15	1 42	3 20	
W 7	4 6	25 54	3 41	5 32	3 7	7 53	1 26	18 50	1 5	0 7	1 8	15 22	1 58	18 10	0 39	18 12	1 35	14 27	17 46	10 20	10 36	12 18	1 43	3 20	
T 8	3 43	22 22	2 43	5 45	3 13	7 24	1 26	19 0	1 6	0 13	1 8	15 23	1 58	18 10	0 39	18 12	1 35	14 28	17 46	10 20	10 37	12 21	1 45	3 20	
F 9	3 19	17 29	1 33	5 54	3 19	6 55	1 26	19 11	1 6	0 19	1 8	15 25	1 58	18 9	0 39	18 12	1 35	14 28	17 46	10 19	10 38	12 24	1 46	3 20	
S 10	2 56	11 30	0 15	5 59	3 22	6 25	1 26	19 21	1 6	0 25	1 8	15 26	1 58	18 8	0 39	18 13	1 35	14 29	17 47	10 19	10 39	12 27	1 48	3 20	
S 11	2 32	4 44	1n 6	6 0	3 25	5 56	1 25	19 31	1 7	0 31	1 8	15 27	1 58	18 7	0 39	18 13	1 35	14 30	17 47	10 19	10 40	12 30	1 49	3 20	
M12	2 9	2n23	2 24	5 57	3 26	5 26	1 25	19 41	1 7	0 36	1 8	15 29	1 57	18 7	0 39	18 13	1 35	14 31	17 47	10 20	10 41	12 34	1 50	3 20	
T 13	1 45	9 25	3 32	5 50	3 25	4 56	1 25	19 50	1 7	0 42	1 8	15 30	1 57	18 6	0 39	18 14	1 35	14 31	17 47	10 20	10 42	12 37	1 52	3 20	
W14	1 21	15 54	4 25	5 38	3 23	4 26	1 24	20 0	1 7	0 48	1 8	15 31	1 57	18 5	0 39	18 14	1 35	14 32	17 47	10 22	10 44	12 40	1 53	3 20	
T 15	0 58	21 22	4 59	5 24	3 19	3 56	1 24	20 9	1 8	0 54	1 8	15 32	1 57	18 4	0 39	18 14	1 35	14 33	17 47	10 23	10 45	12 43	1 54	3 20	
F 16	0 34	25 25	5 14	5 5	3 13	3 26	1 23	20 19	1 8	0 59	1 8	15 33	1 57	18 4	0 39	18 15	1 35	14 34	17 47	10 24	10 46	12 46	1 56	3 19	
S 17	0 11	27 46	5 8	4 44	3 6	2 56	1 22	20 28	1 8	1 5	1 8	15 34	1 57	18 3	0 39	18 15	1 35	14 34	17 47	10 24	10 47	12 49	1 57	3 19	
S 18	0n13	28 20	4 45	4 20	2 57	2 25	1 22	20 37	1 8	1 11	1 8	15 35	1 57	18 2	0 39	18 15	1 35	14 35	17 47	10 25	10 48	12 52	1 59	3 19	
M19	0 37	27 12	4 7	3 53	2 47	1 55	1 21	20 46	1 9	1 17	1 8	15 36	1 57	18 2	0 39	18 16	1 35	14 36	17 47	10 25	10 49	12 55	2 0	3 19	
T 20	1 0	24 36	3 17	3 25	2 35	1 24	1 20	20 55	1 9	1 22	1 8	15 37	1 57	18 1	0 40	18 16	1 35	14 37	17 47	10 24	10 50	12 58	2 1	3 19	
W21	1 24	20 49	2 18	2 55	2 23	0 54	1 19	21 4	1 9	1 28	1 8	15 38	1 57	18 0	0 40	18 17	1 35	14 37	17 47	10 24	10 52	13 1	2 3	3 19	
T 22	1 47	16 11	1 14	2 24	2 9	0 23	1 18	21 12	1 9	1 34	1 8	15 39	1 57	18 0	0 40	18 17	1 35	14 38	17 47	10 23	10 53	13 4	2 4	3 19	
F 23	2 10	10 58	0 7	1 52	1 54	0n 7	1 17	21 20	1 10	1 40	1 8	15 40	1 57	17 59	0 40	18 17	1 35	14 39	17 47	10 23	10 54	13 7	2 6	3 19	
S 24	2 34	5 25	0s59	1 21	1 38	0 38	1 16	21 29	1 10	1 45	1 8	15 41	1 57	17 58	0 40	18 18	1 35	14 39	17 47	10 23	10 55	13 10	2 7	3 19	
S 25	2 57	0s16	2 1	0 50	1 22	1 9	1 15	21 37	1 10	1 51	1 8	15 42	1 57	17 58	0 40	18 18	1 35	14 40	17 47	10 24	10 56	13 13	2 8	3 19	
M26	3 20	5 54	2 58	0 21	1 6	1 39	1 14	21 45	1 10	1 57	1 8	15 43	1 57	17 57	0 40	18 18	1 34	14 40	17 47	10 25	10 57	13 16	2 10	3 19	
T 27	3 44	11 18	3 46	0s 8	0 50	2 10	1 13	21 52	1 10	2 3	1 8	15 44	1 56	17 56	0 40	18 19	1 34	14 41	17 47	10 27	10 58	13 19	2 11	3 19	
W28	4 7	16 16	4 25	0 35	0 33	2 40	1 11	22 0	1 11	2 8	1 8	15 44	1 56	17 56	0 40	18 19	1 34	14 42	17 47	10 30	11 0	13 22	2 13	3 19	
T 29	4 30	20 39	4 52	1 0	0 17	3 11	1 10	22 8	1 11	2 14	1 7	15 45	1 56	17 55	0 40	18 20	1 34	14 42	17 47	10 32	11 1	13 25	2 14	3 19	
F 30	4 53	24 13	5 7	1 23	0 1	3 41	1 9	22 15	1 11	2 20	1 7	15 46	1 56	17 55	0 40	18 20	1 34	14 43	17 47	10 35	11 2	13 28	2 15	3 19	
S 31	5n16	26s46	5s 8	1s44	0s15	4n11	1s 7	22n22	1n11	2n26	1s 7	15n46	1n56	17s54	0s40	18n20	1s34	14n43	17n47	10s37	11s 3	13s31	2n17	3n19	

Julian Day Number = 1992132.5, Delta T = 54m32s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'07, Lahiri = 6°20'07 Julian Calendar 1 March 742 == Greg. Calendar 5 March 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

APRIL 742 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 49 32	14♈12'42	19♐37	26°R 5	14♈23	5♊12	8♈54	22°R58	12♒12	28♉ 8	3°R50	2°R32	1♓21	24♎56	28♓10	S 1
M 2	12 53 29	15°11'03	1♑59	25♓59	15°37	5°49	9° 9	22♌56	12°14	28° 9	3♎48	2♓29	1°18	25° 2	28°13	M 2
T 3	12 57 26	16° 9'23	14°36	25°D58	16°51	6°27	9°23	22°54	12°16	28°11	3°47	2°D28	1°15	25° 9	28°17	T 3
W 4	13 1 22	17° 7'42	27°34	26° 2	18° 5	7° 4	9°37	22°52	12°18	28°13	3°45	2°29	1°11	25°16	28°20	W 4
T 5	13 5 19	18° 5'58	10♒56	26°12	19°19	7°41	9°52	22°50	12°20	28°15	3°44	2°30	1° 8	25°22	28°24	T 5
F 6	13 9 15	19° 4'13	24°44	26°26	20°33	8°18	10° 6	22°48	12°22	28°16	3°42	2°31	1° 5	25°29	28°27	F 6
S 7	13 13 12	20° 2'27	8♓59	26°44	21°47	8°56	10°20	22°47	12°23	28°18	3°40	2°R31	1° 2	25°36	28°31	S 7
S 8	13 17 8	21° 0'39	23°40	27° 7	23° 1	9°33	10°35	22°45	12°25	28°20	3°39	2°29	0°59	25°42	28°34	S 8
M 9	13 21 5	21°58'49	8♈42	27°35	24°15	10°10	10°49	22°44	12°27	28°22	3°37	2°25	0°55	25°49	28°37	M 9
T 10	13 25 1	22°56'57	23°57	28° 6	25°29	10°48	11° 3	22°43	12°28	28°24	3°36	2°19	0°52	25°56	28°41	T 10
W11	13 28 58	23°55'04	9♉14	28°42	26°43	11°25	11°17	22°42	12°30	28°26	3°34	2°12	0°49	26° 3	28°44	W11
T 12	13 32 55	24°53'09	24°22	29°21	27°57	12° 2	11°32	22°41	12°32	28°28	3°32	2° 4	0°46	26° 9	28°47	T 12
F 13	13 36 51	25°51'13	9♊12	0♈ 4	29°11	12°39	11°46	22°40	12°33	28°30	3°31	1°57	0°43	26°16	28°51	F 13
S 14	13 40 48	26°49'14	23°36	0°51	0♉25	13°17	12° 0	22°39	12°35	28°32	3°29	1°51	0°40	26°23	28°54	S 14
S 15	13 44 44	27°47'13	7♋33	1°41	1°39	13°54	12°14	22°38	12°36	28°34	3°28	1°47	0°36	26°29	28°57	S 15
M16	13 48 41	28°45'11	21° 0	2°35	2°52	14°31	12°28	22°38	12°38	28°36	3°26	1°45	0°33	26°36	29° 0	M16
T 17	13 52 37	29°43'07	4♌ 2	3°32	4° 6	15° 9	12°42	22°37	12°39	28°38	3°25	1°D45	0°30	26°43	29° 4	T 17
W18	13 56 34	0♉41'00	16°41	4°31	5°20	15°46	12°56	22°37	12°40	28°40	3°23	1°46	0°27	26°49	29° 7	W18
T 19	14 0 30	1°38'52	29° 1	5°34	6°34	16°23	13°10	22°36	12°42	28°42	3°22	1°R46	0°24	26°56	29°10	T 19
F 20	14 4 27	2°36'42	11♍ 9	6°40	7°48	17° 0	13°24	22°36	12°43	28°44	3°21	1°46	0°21	27° 3	29°13	F 20
S 21	14 8 24	3°34'30	23° 7	7°48	9° 2	17°38	13°38	22°D36	12°44	28°46	3°19	1°43	0°17	27°10	29°16	S 21
S 22	14 12 20	4°32'16	5♎ 0	8°59	10°15	18°15	13°52	22°36	12°45	28°48	3°18	1°39	0°14	27°16	29°19	S 22
M23	14 16 17	5°30'01	16°51	10°13	11°29	18°52	14° 6	22°36	12°46	28°50	3°16	1°31	0°11	27°23	29°23	M23
T 24	14 20 13	6°27'45	28°41	11°29	12°43	19°30	14°20	22°36	12°47	28°52	3°15	1°22	0° 8	27°30	29°26	T 24
W25	14 24 10	7°25'26	10♏34	12°48	13°57	20° 7	14°34	22°37	12°48	28°54	3°14	1°10	0° 5	27°36	29°29	W25
T 26	14 28 6	8°23'07	22°30	14° 9	15°11	20°44	14°47	22°37	12°49	28°56	3°12	0°58	0° 1	27°43	29°32	T 26
F 27	14 32 3	9°20'46	4♐31	15°33	16°24	21°22	15° 1	22°38	12°50	28°58	3°11	0°46	29♒58	27°50	29°34	F 27
S 28	14 35 59	10°18'24	16°38	16°59	17°38	21°59	15°15	22°38	12°51	29° 0	3°10	0°35	29°55	27°56	29°37	S 28
S 29	14 39 56	11°16'01	28°53	18°28	18°52	22°36	15°28	22°39	12°52	29° 3	3° 9	0°26	29°52	28° 3	29°40	S 29
M30	14 43 53	12♉13'37	11♑19	19♈58	20♉ 5	23♊13	15♈42	22♌40	12♒52	29♉ 5	3♎ 7	0♓20	29♒49	28♎10	29♓43	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n38	28s 7	4s56	2s 2	0s30	4n42	1s 6	22n29	1n11	2n31	1s 7	15n47	1n56	17s54	0s40	18n21	1s34	14n44	17n47	10s39	11s 4	13s34	2n18	3n19
M 2	6 1	28 5	4 30	2 18	0 45	5 12	1 4	22 36	1 12	2 37	1 7	15 48	1 56	17 53	0 40	18 21	1 34	14 45	17 47	10 40	11 5	13 37	2 20	3 19
T 3	6 24	26 36	3 50	2 31	0 59	5 42	1 3	22 43	1 12	2 43	1 7	15 48	1 56	17 53	0 40	18 22	1 34	14 45	17 47	10 40	11 6	13 40	2 21	3 19
W 4	6 46	23 41	2 58	2 41	1 12	6 12	1 1	22 49	1 12	2 48	1 7	15 49	1 56	17 52	0 40	18 22	1 34	14 46	17 47	10 40	11 8	13 43	2 22	3 19
T 5	7 9	19 26	1 54	2 49	1 25	6 42	0 59	22 56	1 12	2 54	1 7	15 49	1 56	17 52	0 40	18 23	1 34	14 46	17 46	10 39	11 9	13 46	2 24	3 19
F 6	7 31	14 2	0 42	2 55	1 37	7 11	0 58	23 2	1 12	3 0	1 7	15 49	1 55	17 51	0 40	18 23	1 34	14 47	17 46	10 39	11 10	13 49	2 25	3 19
S 7	7 53	7 43	0n35	2 57	1 48	7 41	0 56	23 8	1 12	3 5	1 7	15 50	1 55	17 51	0 40	18 24	1 34	14 47	17 46	10 39	11 11	13 52	2 27	3 19
S 8	8 15	0 49	1 52	2 58	1 58	8 10	0 54	23 14	1 12	3 11	1 7	15 50	1 55	17 50	0 40	18 24	1 34	14 48	17 46	10 40	11 12	13 55	2 28	3 19
M 9	8 37	6n16	3 2	2 55	2 8	8 39	0 52	23 20	1 13	3 17	1 7	15 51	1 55	17 50	0 40	18 24	1 34	14 48	17 46	10 41	11 13	13 58	2 29	3 19
T 10	8 59	13 5	4 1	2 51	2 17	9 8	0 50	23 25	1 13	3 22	1 7	15 51	1 55	17 49	0 40	18 25	1 34	14 49	17 46	10 43	11 14	14 1	2 31	3 19
W11	9 21	19 7	4 42	2 44	2 25	9 37	0 48	23 30	1 13	3 28	1 8	15 51	1 55	17 49	0 40	18 25	1 34	14 49	17 45	10 46	11 15	14 3	2 32	3 19
T 12	9 42	23 53	5 3	2 35	2 32	10 6	0 46	23 36	1 13	3 33	1 8	15 51	1 55	17 48	0 40	18 26	1 34	14 49	17 45	10 49	11 17	14 6	2 33	3 19
F 13	10 3	26 59	5 4	2 23	2 38	10 34	0 44	23 41	1 13	3 39	1 8	15 52	1 55	17 48	0 40	18 26	1 34	14 50	17 45	10 51	11 18	14 9	2 35	3 19
S 14	10 25	28 11	4 45	2 10	2 44	11 2	0 42	23 46	1 13	3 44	1 8	15 52	1 55	17 48	0 40	18 27	1 34	14 50	17 45	10 53	11 19	14 12	2 36	3 19
S 15	10 46	27 32	4 9	1 54	2 49	11 30	0 40	23 50	1 13	3 50	1 8	15 52	1 54	17 47	0 40	18 27	1 34	14 51	17 44	10 55	11 20	14 15	2 37	3 19
M16	11 6	25 15	3 20	1 36	2 53	11 57	0 38	23 55	1 13	3 55	1 8	15 52	1 54	17 47	0 40	18 28	1 34	14 51	17 44	10 55	11 21	14 18	2 39	3 19
T 17	11 27	21 42	2 23	1 17	2 56	12 25	0 36	23 59	1 14	4 1	1 8	15 52	1 54	17 46	0 40	18 28	1 34	14 51	17 44	10 56	11 22	14 21	2 40	3 19
W18	11 47	17 13	1 20	0 56	2 59	12 51	0 34	24 4	1 14	4 6	1 8	15 52	1 54	17 46	0 40	18 29	1 34	14 52	17 44	10 55	11 23	14 24	2 41	3 19
T 19	12 8	12 7	0 15	0 32	3 1	13 18	0 32	24 8	1 14	4 12	1 8	15 52	1 54	17 46	0 41	18 29	1 34	14 52	17 43	10 55	11 25	14 27	2 43	3 19
F 20	12 28	6 40	0s50	0 8	3 2	13 44	0 30	24 11	1 14	4 17	1 8	15 52	1 54	17 45	0 41	18 30	1 34	14 52	17 43	10 55	11 26	14 30	2 44	3 19
S 21	12 48	1 3	1 51	0n19	3 3	14 10	0 27	24 15	1 14	4 23	1 8	15 52	1 54	17 45	0 41	18 30	1 34	14 53	17 43	10 56	11 27	14 33	2 45	3 19
S 22	13 7	4s34	2 47	0 47	3 3	14 36	0 25	24 19	1 14	4 28	1 8	15 52	1 54	17 45	0 41	18 31	1 33	14 53	17 43	10 58	11 28	14 36	2 47	3 19
M23	13 27	9 59	3 36	1 17	3 2	15 1	0 23	24 22	1 14	4 33	1 8	15 52	1 53	17 45	0 41	18 31	1 33	14 53	17 42	11 0	11 29	14 39	2 48	3 20
T 24	13 46	15 3	4 15	1 48	3 1	15 26	0 20	24 25	1 14	4 39	1 8	15 51	1 53	17 44	0 41	18 31	1 33	14 53	17 42	11 4	11 30	14 41	2 49	3 20
W25	14 5	19 34	4 43	2 21	2 59	15 51	0 18	24 28	1 14	4 44	1 8	15 51	1 53	17 44	0 41	18 32	1 33	14 54	17 42	11 8	11 31	14 44	2 50	3 20
T 26	14 24	23 19	4 59	2 55	2 56	16 15	0 16	24 31	1 14	4 49	1 8	15 51	1 53	17 44	0 41	18 32	1 33	14 54	17 41	11 12	11 32	14 47	2 52	3 20
F 27	14 42	26 7	5 1	3 30	2 53	16 39	0 13	24 33	1 14	4 55	1 8	15 51	1 53	17 44	0 41	18 33	1 33	14 54	17 41	11 17	11 34	14 50	2 53	3 20
S 28	15 1	27 44	4 50	4 7	2 49	17 2	0 11	24 36	1 14	5 0	1 8	15 50	1 53	17 43	0 41	18 33	1 33	14 54	17 41	11 21	11 35	14 53	2 54	3 20
S 29	15 19	28 2	4 26	4 44	2 45	17 25	0 9	24 38	1 15	5 5	1 8	15 50	1 53	17 43	0 41	18 34	1 33	14 54	17 40	11 24	11 36	14 56	2 55	3 20
M30	15n37	26s55	3s49	5n23	2s40	17n47	0s 6	24n40	1n15	5n10	1s 8	15n49	1n53	17s43	0s41	18n34	1s33	14n54	17n40	11s26	11s37	14s59	2n56	3n20

Julian Day Number = 1992163.5, Delta T = 54m31s
Ecliptic obliquity = 23°36'15, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'11, Lahiri = 6°20'12 Julian Calendar 1 Apr. 742 == Greg. Calendar 5 Apr. 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

MAY 742 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 47 49	13♉11'12	23♋59	21♈32	21♉19	23♊51	15♈56	22♌41	12♒53	29♉ 7	3°R 6	0°R16	29♒46	28♎17	29♓46	T 1
W 2	14 51 46	14° 8'46	6♒55	23° 7	22°33	24°28	16° 9	22°42	12°54	29° 9	3♎ 5	0♓15	29°42	28°23	29°49	W 2
T 3	14 55 42	15° 6'18	20°11	24°45	23°47	25° 5	16°23	22°43	12°54	29°11	3° 4	0°D14	29°39	28°30	29°52	T 3
F 4	14 59 39	16° 3'50	3♓51	26°25	25° 0	25°43	16°36	22°44	12°55	29°13	3° 3	0°R15	29°36	28°37	29°54	F 4
S 5	15 3 35	17° 1'21	17°55	28° 7	26°14	26°20	16°49	22°46	12°55	29°16	3° 2	0°14	29°33	28°43	29°57	S 5
S 6	15 7 32	17°58'51	2♈25	29°52	27°28	26°57	17° 3	22°47	12°56	29°18	3° 1	0°11	29°30	28°50	29°59	S 6
M 7	15 11 28	18°56'20	17°16	1♉39	28°41	27°35	17°16	22°49	12°56	29°20	3° 0	0° 5	29°27	28°57	0♈ 2	M 7
T 8	15 15 25	19°53'49	2♉23	3°29	29°55	28°12	17°29	22°50	12°57	29°22	2°58	29♒57	29°23	29° 3	0° 5	T 8
W 9	15 19 22	20°51'16	17°36	5°20	1♊ 8	28°49	17°42	22°52	12°57	29°25	2°57	29°47	29°20	29°10	0° 7	W 9
T 10	15 23 18	21°48'42	2♊45	7°14	2°22	29°27	17°55	22°54	12°57	29°27	2°57	29°36	29°17	29°17	0°10	T 10
F 11	15 27 15	22°46'08	17°40	9°10	3°36	0♋ 4	18° 9	22°56	12°57	29°29	2°56	29°26	29°14	29°24	0°13	F 11
S 12	15 31 11	23°43'32	2♋11	11° 8	4°49	0°41	18°22	22°58	12°58	29°31	2°55	29°17	29°11	29°30	0°15	S 12
S 13	15 35 8	24°40'56	16°14	13° 8	6° 3	1°19	18°34	23° 0	12°58	29°33	2°54	29°11	29° 7	29°37	0°17	S 13
M14	15 39 4	25°38'18	29°48	15°10	7°16	1°56	18°47	23° 2	12°58	29°36	2°53	29° 7	29° 4	29°44	0°20	M14
T 15	15 43 1	26°35'38	12♌53	17°14	8°30	2°34	19° 0	23° 5	12°R58	29°38	2°52	29° 5	29° 1	29°50	0°22	T 15
W16	15 46 57	27°32'58	25°33	19°20	9°44	3°11	19°13	23° 7	12°58	29°40	2°51	29° 5	28°58	29°57	0°24	W16
T 17	15 50 54	28°30'17	7♍54	21°27	10°57	3°48	19°26	23°10	12°58	29°42	2°51	29° 5	28°55	0♏ 4	0°27	T 17
F 18	15 54 51	29°27'34	20° 0	23°36	12°11	4°26	19°38	23°12	12°57	29°45	2°50	29° 4	28°52	0°11	0°29	F 18
S 19	15 58 47	0♊24'51	1♎56	25°45	13°24	5° 3	19°51	23°15	12°57	29°47	2°49	29° 1	28°48	0°17	0°31	S 19
S 20	16 2 44	1°22'06	13°47	27°56	14°38	5°40	20° 3	23°18	12°57	29°49	2°48	28°56	28°45	0°24	0°33	S 20
M21	16 6 40	2°19'21	25°37	0♊ 7	15°51	6°18	20°16	23°21	12°57	29°51	2°48	28°48	28°42	0°31	0°35	M21
T 22	16 10 37	3°16'35	7♏29	2°19	17° 5	6°55	20°28	23°24	12°56	29°54	2°47	28°37	28°39	0°37	0°37	T 22
W23	16 14 33	4°13'48	19°25	4°31	18°18	7°33	20°40	23°27	12°56	29°56	2°47	28°24	28°36	0°44	0°39	W23
T 24	16 18 30	5°11'00	1♐28	6°42	19°31	8°10	20°52	23°30	12°56	29°58	2°46	28°11	28°33	0°51	0°41	T 24
F 25	16 22 26	6° 8'12	13°38	8°54	20°45	8°47	21° 5	23°33	12°55	0♊ 0	2°45	27°58	28°29	0°57	0°43	F 25
S 26	16 26 23	7° 5'24	25°57	11° 4	21°58	9°25	21°17	23°37	12°55	0° 3	2°45	27°46	28°26	1° 4	0°45	S 26
S 27	16 30 20	8° 2'35	8♑25	13°14	23°12	10° 2	21°29	23°40	12°54	0° 5	2°44	27°36	28°23	1°11	0°47	S 27
M28	16 34 16	8°59'46	21° 3	15°22	24°25	10°40	21°40	23°44	12°54	0° 7	2°44	27°29	28°20	1°18	0°49	M28
T 29	16 38 13	9°56'56	3♒52	17°29	25°39	11°17	21°52	23°47	12°53	0° 9	2°44	27°25	28°17	1°24	0°50	T 29
W30	16 42 9	10°54'07	16°56	19°35	26°52	11°55	22° 4	23°51	12°52	0°11	2°43	27°23	28°13	1°31	0°52	W30
T 31	16 46 6	11♊51'17	0♓14	21♊39	28♊ 5	12♋32	22♈16	23♌55	12♒51	0♊14	2♎43	27°D23	28♒10	1♏38	0♈54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	15n54	24s24	3s 0	6n 4	2s35	18n 9	0s 4	24n42	1n15	5n16	1s 8	15n49	1n52	17s43	0s41	18n35	1s33	14n55	17n39	11s27	11s38	15s 2	2n58	3n20	
W 2	16 12	20 37	2 0	6 45	2 29	18 31	0 1	24 44	1 15	5 21	1 8	15 49	1 52	17 43	0 41	18 35	1 33	14 55	17 39	11 28	11 39	15 5	2 59	3 20	
T 3	16 29	15 42	0 53	7 27	2 22	18 52	0n 1	24 45	1 15	5 26	1 8	15 48	1 52	17 43	0 41	18 36	1 33	14 55	17 39	11 28	11 40	15 7	3 0	3 20	
F 4	16 46	9 52	0n19	8 10	2 15	19 12	0 3	24 47	1 15	5 31	1 8	15 48	1 52	17 43	0 41	18 36	1 33	14 55	17 38	11 28	11 41	15 10	3 1	3 20	
S 5	17 2	3 24	1 32	8 54	2 7	19 32	0 6	24 48	1 15	5 36	1 8	15 47	1 52	17 42	0 41	18 37	1 33	14 55	17 38	11 28	11 43	15 13	3 2	3 20	
S 6	17 18	3n26	2 41	9 38	1 59	19 52	0 8	24 49	1 15	5 41	1 9	15 46	1 52	17 42	0 41	18 37	1 33	14 55	17 37	11 29	11 44	15 16	3 3	3 20	
M 7	17 34	10 14	3 41	10 24	1 51	20 11	0 11	24 50	1 15	5 46	1 9	15 46	1 52	17 42	0 41	18 38	1 33	14 55	17 37	11 31	11 45	15 19	3 5	3 20	
T 8	17 50	16 33	4 27	11 10	1 42	20 29	0 13	24 50	1 15	5 51	1 9	15 45	1 51	17 42	0 41	18 38	1 33	14 55	17 37	11 34	11 46	15 22	3 6	3 20	
W 9	18 6	21 54	4 54	11 56	1 33	20 47	0 15	24 51	1 15	5 56	1 9	15 44	1 51	17 42	0 41	18 39	1 33	14 55	17 36	11 37	11 47	15 24	3 7	3 21	
T 10	18 21	25 45	5 0	12 43	1 23	21 4	0 18	24 51	1 15	6 1	1 9	15 44	1 51	17 42	0 41	18 39	1 33	14 55	17 36	11 41	11 48	15 27	3 8	3 21	
F 11	18 35	27 46	4 46	13 29	1 13	21 21	0 20	24 51	1 15	6 6	1 9	15 43	1 51	17 42	0 41	18 40	1 33	14 55	17 35	11 45	11 49	15 30	3 9	3 21	
S 12	18 50	27 48	4 13	14 16	1 3	21 37	0 23	24 51	1 15	6 11	1 9	15 42	1 51	17 42	0 41	18 40	1 33	14 55	17 35	11 48	11 50	15 33	3 10	3 21	
S 13	19 4	26 1	3 26	15 3	0 53	21 53	0 25	24 51	1 15	6 16	1 9	15 41	1 51	17 42	0 41	18 41	1 33	14 55	17 34	11 50	11 51	15 36	3 11	3 21	
M14	19 18	22 45	2 28	15 50	0 42	22 7	0 27	24 50	1 15	6 21	1 9	15 40	1 51	17 42	0 41	18 41	1 33	14 55	17 34	11 52	11 53	15 39	3 12	3 21	
T 15	19 32	18 25	1 25	16 36	0 31	22 22	0 30	24 50	1 15	6 26	1 9	15 39	1 51	17 42	0 42	18 42	1 33	14 55	17 33	11 52	11 54	15 41	3 13	3 21	
W16	19 45	13 23	0 19	17 21	0 20	22 35	0 32	24 49	1 15	6 30	1 9	15 38	1 50	17 42	0 42	18 42	1 33	14 55	17 33	11 52	11 55	15 44	3 14	3 21	
T 17	19 58	7 57	0s47	18 6	0 10	22 48	0 34	24 48	1 15	6 35	1 9	15 37	1 50	17 42	0 42	18 43	1 33	14 54	17 32	11 52	11 56	15 47	3 15	3 21	
F 18	20 10	2 20	1 48	18 49	0n 1	23 1	0 37	24 47	1 15	6 40	1 9	15 36	1 50	17 42	0 42	18 43	1 33	14 54	17 32	11 53	11 57	15 50	3 16	3 21	
S 19	20 23	3s17	2 44	19 31	0 12	23 13	0 39	24 45	1 15	6 44	1 10	15 35	1 50	17 42	0 42	18 44	1 33	14 54	17 31	11 54	11 58	15 53	3 17	3 21	
S 20	20 35	8 44	3 33	20 12	0 22	23 24	0 41	24 44	1 15	6 49	1 10	15 34	1 50	17 43	0 42	18 44	1 33	14 54	17 31	11 56	11 59	15 55	3 18	3 22	
M21	20 46	13 52	4 12	20 51	0 33	23 34	0 43	24 42	1 15	6 54	1 10	15 33	1 50	17 43	0 42	18 45	1 33	14 54	17 30	11 58	12 0	15 58	3 19	3 22	
T 22	20 57	18 30	4 40	21 28	0 42	23 44	0 46	24 40	1 15	6 58	1 10	15 32	1 50	17 43	0 42	18 45	1 33	14 53	17 30	12 2	12 1	16 1	3 20	3 22	
W23	21 8	22 27	4 56	22 2	0 52	23 53	0 48	24 38	1 15	7 3	1 10	15 31	1 50	17 43	0 42	18 46	1 33	14 53	17 29	12 6	12 3	16 4	3 21	3 22	
T 24	21 19	25 28	4 59	22 35	1 1	24 1	0 50	24 36	1 15	7 7	1 10	15 30	1 49	17 43	0 42	18 46	1 33	14 53	17 29	12 11	12 4	16 7	3 22	3 22	
F 25	21 29	27 22	4 49	23 4	1 9	24 9	0 52	24 33	1 15	7 12	1 10	15 29	1 49	17 43	0 42	18 47	1 33	14 53	17 28	12 16	12 5	16 9	3 22	3 22	
S 26	21 39	27 57	4 25	23 32	1 17	24 16	0 54	24 31	1 15	7 16	1 10	15 27	1 49	17 43	0 42	18 47	1 33	14 52	17 28	12 20	12 6	16 12	3 23	3 22	
S 27	21 48	27 8	3 48	23 56	1 24	24 22	0 56	24 28	1 15	7 21	1 10	15 26	1 49	17 44	0 42	18 48	1 33	14 52	17 27	12 23	12 7	16 15	3 24	3 22	
M28	21 57	24 54	2 59	24 18	1 31	24 27	0 58	24 25	1 15	7 25	1 10	15 25	1 49	17 44	0 42	18 48	1 33	14 52	17 27	12 26	12 8	16 18	3 25	3 22	
T 29	22 6	21 23	2 1	24 37	1 37	24 32	1 0	24 22	1 15	7 29	1 11	15 24	1 49	17 44	0 42	18 48	1 33	14 52	17 26	12 27	12 9	16 20	3 26	3 23	
W30	22 14	16 45	0 55	24 53	1 42	24 36	1 2	24 18	1 15	7 34	1 11	15 22	1 49	17 44	0 42	18 49	1 33	14 51	17 26	12 28	12 10	16 23	3 27	3 23	
T 31	22n22	11s14	0n15	25n 7	1n46	24n40	1n 4	24n15	1n15	7n38	1s11	15n21	1n49	17s44	0s42	18n49	1s33	14n51	17n25	12s28	12s11	16s26	3n27	3n23	

Julian Day Number = 1992193.5, Delta T = 54m31s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'15, Lahiri = 6°20'16 Julian Calendar 1 May 742 == Greg. Calendar 5 May 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

JUNE 742 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 50 2	12♊48'27	13♓51	23♊41	29♊19	13♋ 9	22♈27	23♌59	12°R51	0♊16	2°R43	27°R23	28♒ 7	1♏44	0♈55	F 1
S 2	16 53 59	13°45'37	27°48	25°42	0♋32	13°47	22°39	24° 3	12♒50	0°18	2♎42	27♒22	28° 4	1°51	0°57	S 2
S 3	16 57 56	14°42'47	12♈ 4	27°40	1°45	14°24	22°50	24° 7	12°49	0°20	2°42	27°20	28° 1	1°58	0°58	S 3
M 4	17 1 52	15°39'57	26°39	29°37	2°59	15° 2	23° 1	24°11	12°48	0°22	2°42	27°15	27°58	2° 5	1° 0	M 4
T 5	17 5 49	16°37'08	11♉27	1♋31	4°12	15°39	23°12	24°15	12°47	0°25	2°42	27° 8	27°54	2°11	1° 1	T 5
W 6	17 9 45	17°34'18	26°23	3°23	5°25	16°17	23°24	24°19	12°46	0°27	2°42	26°59	27°51	2°18	1° 2	W 6
T 7	17 13 42	18°31'29	11♊17	5°14	6°39	16°54	23°35	24°24	12°45	0°29	2°42	26°49	27°48	2°25	1° 4	T 7
F 8	17 17 38	19°28'39	26° 1	7° 2	7°52	17°32	23°45	24°28	12°44	0°31	2°41	26°39	27°45	2°31	1° 5	F 8
S 9	17 21 35	20°25'49	10♋26	8°48	9° 5	18° 9	23°56	24°33	12°43	0°33	2°D41	26°31	27°42	2°38	1° 6	S 9
S 10	17 25 31	21°22'59	24°27	10°32	10°19	18°47	24° 7	24°37	12°42	0°35	2°41	26°25	27°39	2°45	1° 7	S 10
M11	17 29 28	22°20'09	8♌ 1	12°14	11°32	19°24	24°18	24°42	12°40	0°37	2°41	26°21	27°35	2°52	1° 9	M11
T 12	17 33 25	23°17'19	21° 8	13°53	12°45	20° 2	24°28	24°47	12°39	0°40	2°42	26°D19	27°32	2°58	1°10	T 12
W13	17 37 21	24°14'28	3♍52	15°31	13°58	20°40	24°39	24°52	12°38	0°42	2°42	26°20	27°29	3° 5	1°11	W13
T 14	17 41 18	25°11'38	16°15	17° 6	15°12	21°17	24°49	24°56	12°36	0°44	2°42	26°20	27°26	3°12	1°12	T 14
F 15	17 45 14	26° 8'47	28°23	18°40	16°25	21°55	24°59	25° 1	12°35	0°46	2°42	26°R20	27°23	3°18	1°12	F 15
S 16	17 49 11	27° 5'56	10♎20	20°11	17°38	22°32	25° 9	25° 6	12°34	0°48	2°42	26°19	27°19	3°25	1°13	S 16
S 17	17 53 7	28° 3'05	22°12	21°40	18°51	23°10	25°19	25°12	12°32	0°50	2°42	26°16	27°16	3°32	1°14	S 17
M18	17 57 4	29° 0'14	4♏ 3	23° 6	20° 4	23°47	25°29	25°17	12°31	0°52	2°43	26°11	27°13	3°39	1°15	M18
T 19	18 1 0	29°57'23	15°58	24°31	21°18	24°25	25°39	25°22	12°29	0°54	2°43	26° 4	27°10	3°45	1°16	T 19
W20	18 4 57	0♋54'32	28° 0	25°53	22°31	25° 3	25°48	25°27	12°28	0°56	2°43	25°55	27° 7	3°52	1°16	W20
T 21	18 8 54	1°51'41	10♐10	27°13	23°44	25°40	25°58	25°33	12°26	0°58	2°44	25°46	27° 4	3°59	1°17	T 21
F 22	18 12 50	2°48'51	22°31	28°31	24°57	26°18	26° 7	25°38	12°24	1° 0	2°44	25°36	27° 0	4° 5	1°17	F 22
S 23	18 16 47	3°46'01	5♑ 4	29°46	26°10	26°55	26°17	25°44	12°23	1° 2	2°44	25°27	26°57	4°12	1°18	S 23
S 24	18 20 43	4°43'12	17°49	0♌59	27°23	27°33	26°26	25°49	12°21	1° 4	2°45	25°20	26°54	4°19	1°18	S 24
M25	18 24 40	5°40'23	0♒45	2° 9	28°36	28°11	26°35	25°55	12°19	1° 6	2°45	25°16	26°51	4°26	1°19	M25
T 26	18 28 36	6°37'34	13°53	3°17	29°49	28°48	26°44	26° 0	12°17	1° 8	2°46	25°13	26°48	4°32	1°19	T 26
W27	18 32 33	7°34'46	27°13	4°22	1♌ 2	29°26	26°52	26° 6	12°16	1°10	2°47	25°D12	26°45	4°39	1°19	W27
T 28	18 36 29	8°31'59	10♓45	5°24	2°15	0♌ 4	27° 1	26°12	12°14	1°11	2°47	25°13	26°41	4°46	1°19	T 28
F 29	18 40 26	9°29'13	24°29	6°23	3°28	0°42	27°10	26°18	12°12	1°13	2°48	25°14	26°38	4°52	1°20	F 29
S 30	18 44 23	10♋26'28	8♈26	7♌19	4♌41	1♌19	27♈18	26♌24	12♒10	1♊15	2♎48	25°R15	26♒35	4♏59	1♈20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n29	5s 4	1n26	25n17	1n50	24n42	1n 6	24n11	1n15	7n42	1s11	15n19	1n48	17s45	0s42	18n50	1s33	14n50	17n25	12s28	12s13	16s29	3n28	3n23
S 2	22 37	1n28	2 34	25 25	1 53	24 44	1 8	24 7	1 15	7 46	1 11	15 18	1 48	17 45	0 42	18 50	1 33	14 50	17 24	12 28	12 14	16 31	3 29	3 23
S 3	22 43	8 4	3 33	25 31	1 56	24 45	1 10	24 3	1 14	7 50	1 11	15 17	1 48	17 45	0 42	18 51	1 33	14 50	17 24	12 29	12 15	16 34	3 29	3 23
M 4	22 50	14 23	4 20	25 33	1 57	24 46	1 11	23 59	1 14	7 54	1 11	15 15	1 48	17 46	0 42	18 51	1 33	14 49	17 23	12 31	12 16	16 37	3 30	3 23
T 5	22 56	19 58	4 51	25 34	1 58	24 45	1 13	23 55	1 14	7 58	1 11	15 14	1 48	17 46	0 42	18 52	1 33	14 49	17 22	12 33	12 17	16 40	3 31	3 23
W 6	23 1	24 22	5 2	25 32	1 58	24 44	1 15	23 50	1 14	8 2	1 12	15 12	1 48	17 46	0 42	18 52	1 33	14 48	17 22	12 36	12 18	16 42	3 31	3 24
T 7	23 6	27 7	4 53	25 28	1 58	24 42	1 16	23 45	1 14	8 6	1 12	15 10	1 48	17 47	0 42	18 53	1 33	14 48	17 21	12 40	12 19	16 45	3 32	3 24
F 8	23 11	27 56	4 24	25 21	1 57	24 40	1 18	23 40	1 14	8 10	1 12	15 9	1 48	17 47	0 42	18 53	1 33	14 47	17 21	12 43	12 20	16 48	3 33	3 24
S 9	23 15	26 49	3 39	25 13	1 55	24 36	1 19	23 35	1 14	8 14	1 12	15 7	1 48	17 47	0 42	18 53	1 33	14 47	17 20	12 46	12 21	16 50	3 33	3 24
S 10	23 19	24 1	2 41	25 3	1 52	24 32	1 21	23 30	1 14	8 18	1 12	15 6	1 48	17 48	0 42	18 54	1 33	14 46	17 20	12 48	12 22	16 53	3 34	3 24
M11	23 23	19 56	1 36	24 51	1 49	24 28	1 22	23 24	1 14	8 22	1 12	15 4	1 47	17 48	0 42	18 54	1 33	14 46	17 19	12 49	12 24	16 56	3 34	3 24
T 12	23 26	14 59	0 28	24 37	1 46	24 22	1 23	23 19	1 14	8 26	1 12	15 2	1 47	17 48	0 43	18 55	1 33	14 45	17 19	12 50	12 25	16 59	3 35	3 24
W13	23 29	9 32	0s40	24 22	1 41	24 16	1 25	23 13	1 14	8 29	1 12	15 0	1 47	17 49	0 43	18 55	1 33	14 45	17 18	12 50	12 26	17 1	3 36	3 24
T 14	23 31	3 52	1 44	24 6	1 37	24 9	1 26	23 7	1 14	8 33	1 13	14 59	1 47	17 49	0 43	18 56	1 33	14 44	17 17	12 49	12 27	17 4	3 36	3 25
F 15	23 33	1s50	2 42	23 48	1 31	24 2	1 27	23 1	1 14	8 37	1 13	14 57	1 47	17 50	0 43	18 56	1 33	14 44	17 17	12 49	12 28	17 7	3 37	3 25
S 16	23 34	7 22	3 33	23 29	1 25	23 53	1 28	22 55	1 13	8 40	1 13	14 55	1 47	17 50	0 43	18 56	1 33	14 43	17 16	12 50	12 29	17 9	3 37	3 25
S 17	23 35	12 37	4 13	23 9	1 19	23 44	1 29	22 48	1 13	8 44	1 13	14 53	1 47	17 51	0 43	18 57	1 33	14 42	17 16	12 51	12 30	17 12	3 37	3 25
M18	23 36	17 23	4 43	22 47	1 12	23 34	1 30	22 42	1 13	8 47	1 13	14 51	1 47	17 51	0 43	18 57	1 33	14 42	17 15	12 52	12 31	17 15	3 38	3 25
T 19	23 36	21 31	5 0	22 25	1 4	23 24	1 31	22 35	1 13	8 50	1 13	14 50	1 47	17 51	0 43	18 58	1 33	14 41	17 15	12 55	12 32	17 17	3 38	3 25
W20	23 36	24 48	5 5	22 2	0 57	23 13	1 32	22 28	1 13	8 54	1 14	14 48	1 47	17 52	0 43	18 58	1 33	14 40	17 14	12 58	12 33	17 20	3 39	3 25
T 21	23 35	27 0	4 56	21 39	0 48	23 1	1 32	22 21	1 13	8 57	1 14	14 46	1 46	17 52	0 43	18 58	1 33	14 40	17 13	13 1	12 35	17 23	3 39	3 25
F 22	23 34	27 55	4 32	21 15	0 39	22 49	1 33	22 14	1 13	9 0	1 14	14 44	1 46	17 53	0 43	18 59	1 33	14 39	17 13	13 4	12 36	17 25	3 39	3 26
S 23	23 33	27 26	3 56	20 50	0 30	22 36	1 34	22 6	1 13	9 4	1 14	14 42	1 46	17 53	0 43	18 59	1 33	14 38	17 12	13 7	12 37	17 28	3 40	3 26
S 24	23 31	25 30	3 7	20 25	0 21	22 22	1 34	21 59	1 13	9 7	1 14	14 40	1 46	17 54	0 43	18 59	1 33	14 38	17 12	13 10	12 38	17 31	3 40	3 26
M25	23 29	22 12	2 8	19 59	0 11	22 8	1 35	21 51	1 13	9 10	1 14	14 38	1 46	17 54	0 43	19 0	1 33	14 37	17 11	13 11	12 39	17 33	3 40	3 26
T 26	23 26	17 44	1 1	19 34	0 0	21 53	1 35	21 43	1 12	9 13	1 14	14 36	1 46	17 55	0 43	19 0	1 33	14 36	17 11	13 12	12 40	17 36	3 40	3 26
W27	23 23	12 21	0n11	19 8	0s11	21 37	1 36	21 35	1 12	9 16	1 15	14 34	1 46	17 56	0 43	19 1	1 33	14 35	17 10	13 12	12 41	17 38	3 41	3 26
T 28	23 20	6 19	1 23	18 42	0 22	21 21	1 36	21 27	1 12	9 19	1 15	14 32	1 46	17 56	0 43	19 1	1 33	14 35	17 9	13 12	12 42	17 41	3 41	3 26
F 29	23 16	0n 7	2 31	18 16	0 33	21 4	1 36	21 19	1 12	9 22	1 15	14 30	1 46	17 57	0 43	19 1	1 33	14 34	17 9	13 12	12 43	17 44	3 41	3 26
S 30	23n11	6n37	3n32	17n51	0s45	20n47	1n36	21n10	1n12	9n25	1s15	14n28	1n46	17s57	0s43	19n 2	1s33	14n33	17n 8	13s12	12s44	17s46	3n41	3n27

Julian Day Number = 1992224.5, Delta T = 54m30s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'20, Lahiri = 6°20'20 Julian Calendar 1 June 742 == Greg. Calendar 5 June 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

JULY 742 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 48 19	11♋23'43	22♈36	8♌13	5♌54	1♌57	27♈26	26♌30	12°R 8	1♊17	2♎49	25°R15	26♒32	5♏ 6	1♈20	S 1
M 2	18 52 16	12°21'00	6♉56	9° 3	7° 7	2°35	27°34	26°36	12♒ 6	1°19	2°50	25♒12	26°29	5°13	1°R20	M 2
T 3	18 56 12	13°18'18	21°24	9°50	8°20	3°13	27°42	26°42	12° 4	1°21	2°51	25° 8	26°25	5°19	1°20	T 3
W 4	19 0 9	14°15'37	5♊55	10°33	9°33	3°50	27°50	26°48	12° 2	1°22	2°52	25° 3	26°22	5°26	1°20	W 4
T 5	19 4 5	15°12'57	20°24	11°12	10°46	4°28	27°58	26°54	12° 0	1°24	2°52	24°57	26°19	5°33	1°19	T 5
F 6	19 8 2	16°10'17	4♋44	11°48	11°59	5° 6	28° 5	27° 0	11°58	1°26	2°53	24°51	26°16	5°39	1°19	F 6
S 7	19 11 59	17° 7'39	18°51	12°20	13°12	5°44	28°13	27° 7	11°56	1°27	2°54	24°46	26°13	5°46	1°19	S 7
S 8	19 15 55	18° 5'02	2♌38	12°47	14°25	6°22	28°20	27°13	11°54	1°29	2°55	24°43	26°10	5°53	1°19	S 8
M 9	19 19 52	19° 2'25	16° 4	13°10	15°38	7° 0	28°27	27°20	11°52	1°31	2°56	24°41	26° 6	6° 0	1°18	M 9
T 10	19 23 48	19°59'49	29° 7	13°29	16°50	7°37	28°34	27°26	11°49	1°32	2°57	24°D41	26° 3	6° 6	1°18	T 10
W11	19 27 45	20°57'14	11♍50	13°43	18° 3	8°15	28°41	27°32	11°47	1°34	2°58	24°42	26° 0	6°13	1°17	W11
T 12	19 31 41	21°54'39	24°14	13°52	19°16	8°53	28°48	27°39	11°45	1°36	2°59	24°43	25°57	6°20	1°17	T 12
F 13	19 35 38	22°52'06	6♎23	13°R56	20°29	9°31	28°54	27°46	11°43	1°37	3° 0	24°45	25°54	6°26	1°16	F 13
S 14	19 39 34	23°49'33	18°22	13°54	21°41	10° 9	29° 1	27°52	11°41	1°39	3° 1	24°R46	25°51	6°33	1°16	S 14
S 15	19 43 31	24°47'01	0♏16	13°48	22°54	10°47	29° 7	27°59	11°38	1°40	3° 2	24°46	25°47	6°40	1°15	S 15
M16	19 47 28	25°44'29	12° 9	13°36	24° 7	11°25	29°13	28° 6	11°36	1°42	3° 4	24°45	25°44	6°47	1°14	M16
T 17	19 51 24	26°41'59	24° 5	13°18	25°19	12° 3	29°19	28°12	11°34	1°43	3° 5	24°42	25°41	6°53	1°13	T 17
W18	19 55 21	27°39'30	6♐10	12°56	26°32	12°41	29°24	28°19	11°32	1°45	3° 6	24°39	25°38	7° 0	1°13	W18
T 19	19 59 17	28°37'02	18°27	12°28	27°45	13°19	29°30	28°26	11°29	1°46	3° 7	24°35	25°35	7° 7	1°12	T 19
F 20	20 3 14	29°34'34	0♑57	11°55	28°57	13°57	29°35	28°33	11°27	1°47	3° 9	24°31	25°31	7°13	1°11	F 20
S 21	20 7 10	0♌32'08	13°43	11°18	0♍10	14°35	29°41	28°40	11°25	1°49	3°10	24°27	25°28	7°20	1°10	S 21
S 22	20 11 7	1°29'43	26°45	10°37	1°22	15°13	29°46	28°47	11°22	1°50	3°11	24°24	25°25	7°27	1° 9	S 22
M23	20 15 3	2°27'20	10♒ 2	9°52	2°35	15°51	29°50	28°53	11°20	1°51	3°13	24°22	25°22	7°34	1° 8	M23
T 24	20 19 0	3°24'57	23°34	9° 4	3°47	16°29	29°55	29° 0	11°18	1°53	3°14	24°D22	25°19	7°40	1° 7	T 24
W25	20 22 57	4°22'36	7♓18	8°14	5° 0	17° 7	29°59	29° 7	11°15	1°54	3°16	24°22	25°16	7°47	1° 5	W25
T 26	20 26 53	5°20'17	21°13	7°23	6°12	17°46	0♉ 4	29°15	11°13	1°55	3°17	24°23	25°12	7°54	1° 4	T 26
F 27	20 30 50	6°17'59	5♈16	6°32	7°24	18°24	0° 8	29°22	11°10	1°56	3°19	24°24	25° 9	8° 0	1° 3	F 27
S 28	20 34 46	7°15'43	19°24	5°41	8°37	19° 2	0°12	29°29	11° 8	1°58	3°20	24°26	25° 6	8° 7	1° 2	S 28
S 29	20 38 43	8°13'29	3♉37	4°52	9°49	19°40	0°16	29°36	11° 6	1°59	3°22	24°R26	25° 3	8°14	1° 0	S 29
M30	20 42 39	9°11'16	17°50	4° 6	11° 1	20°18	0°20	29°43	11° 3	2° 0	3°23	24°26	25° 0	8°21	0°59	M30
T 31	20 46 36	10♌ 9'06	2♊ 3	3♌24	12♍14	20♌56	0♉23	29♌50	11♒ 1	2♊ 1	3♎25	24♒25	24♒57	8♏27	0♈57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	12n52	4n21	17n25	0s57	20n29	1n36	21n 2	1n12	9n28	1s15	14n25	1n46	17s58	0s43	19n 2	1s33	14n32	17n 8	13s12	12s45	17s49	3n41	3n27
M 2	23 2	18 32	4 54	17 1	1 9	20 10	1 36	20 53	1 12	9 30	1 16	14 23	1 46	17 58	0 43	19 2	1 34	14 32	17 7	13 12	12 47	17 52	3 41	3 27
T 3	22 56	23 11	5 8	16 36	1 21	19 51	1 36	20 44	1 12	9 33	1 16	14 21	1 46	17 59	0 43	19 3	1 34	14 31	17 7	13 14	12 48	17 54	3 42	3 27
W 4	22 50	26 25	5 4	16 12	1 34	19 31	1 36	20 35	1 11	9 36	1 16	14 19	1 46	17 59	0 43	19 3	1 34	14 30	17 6	13 16	12 49	17 57	3 42	3 27
T 5	22 44	27 54	4 39	15 49	1 47	19 11	1 36	20 26	1 11	9 38	1 16	14 17	1 46	18 0	0 43	19 3	1 34	14 29	17 5	13 18	12 50	17 59	3 42	3 27
F 6	22 37	27 29	3 58	15 27	2 0	18 51	1 35	20 16	1 11	9 41	1 16	14 15	1 45	18 1	0 43	19 4	1 34	14 28	17 5	13 20	12 51	18 2	3 42	3 27
S 7	22 30	25 17	3 2	15 6	2 13	18 29	1 35	20 7	1 11	9 43	1 16	14 12	1 45	18 1	0 43	19 4	1 34	14 27	17 4	13 21	12 52	18 4	3 42	3 28
S 8	22 22	21 36	1 57	14 46	2 26	18 8	1 35	19 57	1 11	9 46	1 17	14 10	1 45	18 2	0 43	19 4	1 34	14 27	17 4	13 22	12 53	18 7	3 42	3 28
M 9	22 14	16 52	0 47	14 27	2 39	17 45	1 34	19 47	1 11	9 48	1 17	14 8	1 45	18 3	0 43	19 5	1 34	14 26	17 3	13 23	12 54	18 10	3 42	3 28
T 10	22 6	11 29	0s24	14 9	2 51	17 23	1 33	19 38	1 11	9 51	1 17	14 6	1 45	18 3	0 43	19 5	1 34	14 25	17 3	13 23	12 55	18 12	3 42	3 28
W11	21 57	5 45	1 32	13 53	3 4	17 0	1 33	19 28	1 10	9 53	1 17	14 3	1 45	18 4	0 43	19 5	1 34	14 24	17 2	13 23	12 56	18 15	3 42	3 28
T 12	21 48	0s 3	2 34	13 39	3 17	16 36	1 32	19 17	1 10	9 55	1 17	14 1	1 45	18 4	0 43	19 5	1 34	14 23	17 2	13 22	12 57	18 17	3 42	3 28
F 13	21 39	5 44	3 28	13 26	3 29	16 12	1 31	19 7	1 10	9 57	1 18	13 59	1 45	18 5	0 43	19 6	1 34	14 22	17 1	13 22	12 58	18 20	3 41	3 28
S 14	21 29	11 8	4 12	13 15	3 40	15 48	1 30	18 57	1 10	9 59	1 18	13 56	1 45	18 6	0 43	19 6	1 34	14 21	17 1	13 21	13 0	18 22	3 41	3 28
S 15	21 19	16 5	4 45	13 6	3 51	15 23	1 29	18 46	1 10	10 1	1 18	13 54	1 45	18 6	0 43	19 6	1 34	14 20	17 0	13 21	13 1	18 25	3 41	3 29
M16	21 8	20 25	5 5	13 0	4 2	14 58	1 28	18 35	1 10	10 3	1 18	13 52	1 45	18 7	0 43	19 7	1 34	14 19	17 0	13 22	13 2	18 27	3 41	3 29
T 17	20 58	23 58	5 13	12 55	4 11	14 32	1 27	18 24	1 9	10 5	1 18	13 49	1 45	18 8	0 43	19 7	1 34	14 18	16 59	13 23	13 3	18 30	3 41	3 29
W18	20 46	26 31	5 7	12 53	4 20	14 6	1 26	18 13	1 9	10 7	1 19	13 47	1 45	18 8	0 43	19 7	1 34	14 17	16 59	13 24	13 4	18 33	3 40	3 29
T 19	20 35	27 51	4 46	12 54	4 28	13 40	1 24	18 2	1 9	10 9	1 19	13 44	1 45	18 9	0 43	19 7	1 34	14 16	16 58	13 25	13 5	18 35	3 40	3 29
F 20	20 23	27 48	4 12	12 57	4 34	13 13	1 23	17 51	1 9	10 10	1 19	13 42	1 45	18 10	0 43	19 8	1 34	14 15	16 58	13 27	13 6	18 38	3 40	3 29
S 21	20 10	26 17	3 25	13 2	4 39	12 46	1 22	17 40	1 9	10 12	1 19	13 39	1 45	18 10	0 43	19 8	1 34	14 14	16 57	13 28	13 7	18 40	3 40	3 29
S 22	19 58	23 20	2 26	13 10	4 42	12 18	1 20	17 28	1 9	10 14	1 19	13 37	1 45	18 11	0 43	19 8	1 34	14 14	16 57	13 29	13 8	18 43	3 39	3 29
M23	19 45	19 6	1 18	13 20	4 44	11 51	1 19	17 17	1 8	10 15	1 20	13 35	1 45	18 12	0 43	19 8	1 34	14 13	16 56	13 29	13 9	18 45	3 39	3 29
T 24	19 32	13 50	0 4	13 33	4 44	11 23	1 17	17 5	1 8	10 17	1 20	13 32	1 45	18 12	0 43	19 8	1 34	14 12	16 56	13 29	13 10	18 48	3 39	3 30
W25	19 18	7 48	1n11	13 47	4 42	10 55	1 15	16 53	1 8	10 18	1 20	13 30	1 45	18 13	0 43	19 9	1 34	14 11	16 55	13 29	13 11	18 50	3 38	3 30
T 26	19 4	1 19	2 23	14 4	4 38	10 26	1 13	16 41	1 8	10 19	1 20	13 27	1 45	18 14	0 43	19 9	1 34	14 10	16 55	13 29	13 12	18 53	3 38	3 30
F 27	18 50	5n16	3 27	14 22	4 33	9 57	1 11	16 29	1 8	10 21	1 20	13 25	1 45	18 14	0 43	19 9	1 34	14 8	16 54	13 29	13 14	18 55	3 37	3 30
S 28	18 35	11 38	4 19	14 42	4 25	9 28	1 10	16 17	1 7	10 22	1 21	13 22	1 45	18 15	0 43	19 9	1 34	14 7	16 54	13 28	13 15	18 58	3 37	3 30
S 29	18 20	17 25	4 55	15 2	4 16	8 59	1 8	16 5	1 7	10 23	1 21	13 19	1 45	18 16	0 43	19 9	1 34	14 6	16 53	13 28	13 16	19 0	3 37	3 30
M30	18 5	22 17	5 14	15 24	4 5	8 29	1 5	15 53	1 7	10 24	1 21	13 17	1 45	18 16	0 43	19 10	1 35	14 5	16 53	13 28	13 17	19 2	3 36	3 30
T 31	17n49	25n49	5n13	15n46	3s52	8n 0	1n 3	15n40	1n 7	10n25	1s21	13n14	1n45	18s17	0s43	19n10	1s35	14n 4	16n52	13s28	13s18	19s 5	3n36	3n30

Julian Day Number = 1992254.5, Delta T = 54m29s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'24, Lahiri = 6°20'24 Julian Calendar 1 July 742 == Greg. Calendar 5 July 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

AUGUST 742 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 50 32	11♌ 6'57	16♊12	2°R46	13♍26	21♌35	0♉26	29♌57	10°R58	2♊ 2	3♎26	24°R24	24♒53	8♏34	0°R56	W 1
T 2	20 54 29	12° 4'50	0♋14	2♌14	14°38	22°13	0°29	0♍ 5	10♒56	2° 3	3°28	24♒22	24°50	8°41	0♈54	T 2
F 3	20 58 26	13° 2'45	14° 7	1°48	15°50	22°51	0°32	0°12	10°54	2° 4	3°30	24°21	24°47	8°47	0°53	F 3
S 4	21 2 22	14° 0'41	27°47	1°30	17° 2	23°30	0°35	0°19	10°51	2° 5	3°32	24°20	24°44	8°54	0°51	S 4
S 5	21 6 19	14°58'40	11♌12	1°18	18°15	24° 8	0°38	0°27	10°49	2° 6	3°33	24°19	24°41	9° 1	0°49	S 5
M 6	21 10 15	15°56'39	24°21	1°D15	19°27	24°46	0°40	0°34	10°47	2° 7	3°35	24°D19	24°37	9° 8	0°47	M 6
T 7	21 14 12	16°54'41	7♍13	1°19	20°39	25°25	0°42	0°41	10°44	2° 8	3°37	24°19	24°34	9°14	0°46	T 7
W 8	21 18 8	17°52'44	19°49	1°32	21°51	26° 3	0°44	0°49	10°42	2° 8	3°39	24°20	24°31	9°21	0°44	W 8
T 9	21 22 5	18°50'48	2♎ 9	1°53	23° 3	26°42	0°46	0°56	10°39	2° 9	3°40	24°20	24°28	9°28	0°42	T 9
F 10	21 26 1	19°48'54	14°17	2°23	24°15	27°20	0°47	1° 3	10°37	2°10	3°42	24°21	24°25	9°35	0°40	F 10
S 11	21 29 58	20°47'02	26°16	3° 0	25°26	27°59	0°48	1°11	10°35	2°11	3°44	24°21	24°22	9°41	0°38	S 11
S 12	21 33 55	21°45'11	8♏10	3°46	26°38	28°37	0°50	1°18	10°32	2°11	3°46	24°21	24°18	9°48	0°36	S 12
M13	21 37 51	22°43'22	20° 3	4°39	27°50	29°16	0°51	1°26	10°30	2°12	3°48	24°R21	24°15	9°55	0°34	M13
T 14	21 41 48	23°41'34	2♐ 0	5°40	29° 2	29°54	0°51	1°33	10°28	2°13	3°50	24°21	24°12	10° 1	0°32	T 14
W15	21 45 44	24°39'48	14° 4	6°47	0♎14	0♍33	0°52	1°40	10°25	2°13	3°52	24°D21	24° 9	10° 8	0°30	W15
T 16	21 49 41	25°38'04	26°22	8° 1	1°25	1°11	0°52	1°48	10°23	2°14	3°54	24°21	24° 6	10°15	0°28	T 16
F 17	21 53 37	26°36'21	8♑56	9°21	2°37	1°50	0°R52	1°55	10°21	2°15	3°56	24°22	24° 3	10°22	0°26	F 17
S 18	21 57 34	27°34'40	21°49	10°46	3°49	2°28	0°52	2° 3	10°19	2°15	3°58	24°22	23°59	10°28	0°23	S 18
S 19	22 1 30	28°33'00	5♒ 3	12°16	5° 0	3° 7	0°52	2°10	10°16	2°16	4° 0	24°22	23°56	10°35	0°21	S 19
M20	22 5 27	29°31'22	18°38	13°50	6°12	3°46	0°52	2°18	10°14	2°16	4° 2	24°R22	23°53	10°42	0°19	M20
T 21	22 9 24	0♍29'46	2♓33	15°29	7°23	4°25	0°51	2°25	10°12	2°16	4° 4	24°22	23°50	10°48	0°17	T 21
W22	22 13 20	1°28'12	16°44	17°10	8°34	5° 3	0°50	2°33	10°10	2°17	4° 6	24°22	23°47	10°55	0°14	W22
T 23	22 17 17	2°26'40	1♈ 7	18°54	9°46	5°42	0°49	2°40	10° 8	2°17	4° 8	24°21	23°43	11° 2	0°12	T 23
F 24	22 21 13	3°25'10	15°37	20°40	10°57	6°21	0°48	2°48	10° 5	2°17	4°10	24°20	23°40	11° 9	0°10	F 24
S 25	22 25 10	4°23'42	0♉ 7	22°28	12° 8	7° 0	0°46	2°55	10° 3	2°18	4°12	24°19	23°37	11°15	0° 7	S 25
S 26	22 29 6	5°22'17	14°34	24°18	13°20	7°38	0°45	3° 3	10° 1	2°18	4°15	24°18	23°34	11°22	0° 5	S 26
M27	22 33 3	6°20'54	28°52	26° 8	14°31	8°17	0°43	3°10	9°59	2°18	4°17	24°18	23°31	11°29	0° 2	M27
T 28	22 36 59	7°19'33	13♊ 0	27°59	15°42	8°56	0°41	3°18	9°57	2°18	4°19	24°D18	23°28	11°35	29♓59	T 28
W29	22 40 56	8°18'15	26°55	29°51	16°53	9°35	0°38	3°25	9°55	2°19	4°21	24°18	23°24	11°42	29°57	W29
T 30	22 44 53	9°16'59	10♋36	1♍43	18° 4	10°14	0°36	3°33	9°53	2°19	4°23	24°19	23°21	11°49	29°55	T 30
F 31	22 48 49	10♍15'45	24♋ 4	3♍34	19♎15	10♍53	0♉33	3♍40	9♒51	2♊19	4♎26	24♒20	23♒18	11♏56	29♓52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17n33	27n45	4n53	16n 8	3s38	7n30	1n 1	15n27	1n 7	10n26	1s21	13n12	1n45	18s18	0s43	19n10	1s35	14n 3	16n52	13s29	13s19	19s 7	3n35	3n30	
T 2	17 17	27 52	4 16	16 30	3 23	7 0	0 59	15 15	1 6	10 27	1 22	13 9	1 45	18 18	0 43	19 10	1 35	14 2	16 52	13 29	13 20	19 10	3 35	3 30	
F 3	17 1	26 14	3 24	16 51	3 7	6 29	0 56	15 2	1 6	10 28	1 22	13 7	1 45	18 19	0 43	19 10	1 35	14 1	16 51	13 30	13 21	19 12	3 34	3 31	
S 4	16 44	23 4	2 22	17 12	2 50	5 59	0 54	14 49	1 6	10 28	1 22	13 4	1 45	18 20	0 43	19 10	1 35	14 0	16 51	13 30	13 22	19 15	3 33	3 31	
S 5	16 27	18 41	1 12	17 32	2 32	5 28	0 51	14 36	1 6	10 29	1 22	13 1	1 45	18 20	0 43	19 11	1 35	13 59	16 50	13 30	13 23	19 17	3 33	3 31	
M 6	16 10	13 30	0s 0	17 50	2 14	4 57	0 49	14 23	1 5	10 30	1 23	12 59	1 45	18 21	0 43	19 11	1 35	13 58	16 50	13 30	13 24	19 20	3 32	3 31	
T 7	15 52	7 49	1 11	18 7	1 56	4 26	0 46	14 10	1 5	10 30	1 23	12 56	1 45	18 22	0 43	19 11	1 35	13 57	16 49	13 30	13 25	19 22	3 32	3 31	
W 8	15 35	1 58	2 17	18 22	1 38	3 55	0 44	13 56	1 5	10 31	1 23	12 54	1 45	18 22	0 43	19 11	1 35	13 56	16 49	13 30	13 26	19 24	3 31	3 31	
T 9	15 17	3s50	3 15	18 34	1 20	3 24	0 41	13 43	1 5	10 31	1 23	12 51	1 45	18 23	0 43	19 11	1 35	13 55	16 49	13 30	13 27	19 27	3 30	3 31	
F 10	14 58	9 24	4 3	18 45	1 2	2 53	0 38	13 29	1 5	10 32	1 23	12 48	1 45	18 23	0 43	19 11	1 35	13 54	16 48	13 30	13 28	19 29	3 30	3 31	
S 11	14 40	14 33	4 40	18 53	0 45	2 22	0 35	13 16	1 4	10 32	1 24	12 46	1 45	18 24	0 43	19 11	1 35	13 53	16 48	13 30	13 30	19 32	3 29	3 31	
S 12	14 21	19 7	5 4	18 59	0 29	1 50	0 32	13 2	1 4	10 32	1 24	12 43	1 45	18 25	0 43	19 11	1 35	13 52	16 48	13 30	13 31	19 34	3 28	3 31	
M13	14 2	22 56	5 16	19 1	0 13	1 19	0 29	12 48	1 4	10 32	1 24	12 40	1 45	18 25	0 43	19 11	1 35	13 51	16 47	13 30	13 32	19 36	3 27	3 31	
T 14	13 43	25 50	5 14	19 1	0n 2	0 47	0 26	12 35	1 4	10 32	1 24	12 38	1 45	18 26	0 43	19 12	1 35	13 49	16 47	13 30	13 33	19 39	3 27	3 31	
W15	13 23	27 35	4 58	18 58	0 16	0 16	0 23	12 21	1 3	10 32	1 24	12 35	1 45	18 27	0 43	19 12	1 35	13 48	16 46	13 30	13 34	19 41	3 26	3 31	
T 16	13 4	28 2	4 29	18 52	0 30	0s16	0 20	12 7	1 3	10 32	1 25	12 32	1 45	18 27	0 43	19 12	1 35	13 47	16 46	13 30	13 35	19 44	3 25	3 32	
F 17	12 44	27 4	3 46	18 43	0 42	0 47	0 17	11 52	1 3	10 32	1 25	12 30	1 45	18 28	0 43	19 12	1 35	13 46	16 46	13 30	13 36	19 46	3 24	3 32	
S 18	12 24	24 38	2 51	18 30	0 53	1 19	0 14	11 38	1 3	10 32	1 25	12 27	1 45	18 29	0 43	19 12	1 35	13 45	16 45	13 29	13 37	19 48	3 23	3 32	
S 19	12 4	20 50	1 45	18 15	1 3	1 50	0 11	11 24	1 2	10 31	1 25	12 24	1 45	18 29	0 43	19 12	1 35	13 44	16 45	13 29	13 38	19 51	3 22	3 32	
M20	11 43	15 51	0 32	17 57	1 13	2 22	0 7	11 10	1 2	10 31	1 25	12 22	1 45	18 30	0 43	19 12	1 35	13 43	16 45	13 29	13 39	19 53	3 22	3 32	
T 21	11 22	9 56	0n45	17 35	1 21	2 53	0 4	10 55	1 2	10 31	1 26	12 19	1 45	18 30	0 43	19 12	1 36	13 42	16 45	13 29	13 40	19 55	3 21	3 32	
W22	11 2	3 25	2 1	17 11	1 28	3 25	0 1	10 41	1 2	10 30	1 26	12 16	1 45	18 31	0 43	19 12	1 36	13 41	16 44	13 29	13 41	19 58	3 20	3 32	
T 23	10 40	3n21	3 10	16 45	1 34	3 56	0s 3	10 26	1 1	10 30	1 26	12 14	1 45	18 31	0 43	19 12	1 36	13 40	16 44	13 30	13 42	20 0	3 19	3 32	
F 24	10 19	9 59	4 7	16 15	1 39	4 28	0 6	10 11	1 1	10 29	1 26	12 11	1 45	18 32	0 43	19 12	1 36	13 39	16 44	13 30	13 43	20 2	3 18	3 32	
S 25	9 58	16 5	4 49	15 44	1 43	4 59	0 10	9 57	1 1	10 28	1 26	12 8	1 46	18 33	0 43	19 12	1 36	13 37	16 43	13 30	13 44	20 5	3 17	3 32	
S 26	9 36	21 16	5 12	15 10	1 46	5 30	0 13	9 42	1 1	10 28	1 27	12 6	1 46	18 33	0 43	19 12	1 36	13 36	16 43	13 31	13 45	20 7	3 16	3 32	
M27	9 15	25 10	5 15	14 35	1 48	6 1	0 17	9 27	1 0	10 27	1 27	12 3	1 46	18 34	0 43	19 12	1 36	13 35	16 43	13 31	13 46	20 9	3 15	3 32	
T 28	8 53	27 28	5 0	13 58	1 49	6 32	0 20	9 12	1 0	10 26	1 27	12 0	1 46	18 34	0 43	19 12	1 36	13 34	16 43	13 31	13 48	20 12	3 14	3 32	
W29	8 31	28 0	4 27	13 19	1 50	7 3	0 24	8 57	1 0	10 25	1 27	11 58	1 46	18 35	0 43	19 12	1 36	13 33	16 42	13 31	13 49	20 14	3 13	3 32	
T 30	8 9	26 49	3 39	12 39	1 50	7 34	0 28	8 42	0 59	10 24	1 27	11 55	1 46	18 35	0 43	19 12	1 36	13 32	16 42	13 30	13 50	20 16	3 12	3 32	
F 31	7n46	24n 4	2n40	11n58	1n49	8s 4	0s31	8n27	0n59	10n23	1s28	11n52	1n46	18s36	0s43	19n12	1s36	13n31	16n42	13s30	13s51	20s19	3n11	3n32	

Julian Day Number = 1992285.5, Delta T = 54m29s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'28, Lahiri = 6°20'28 Julian Calendar 1 Aug. 742 == Greg. Calendar 5 Aug. 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

SEPTEMBER 742 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 52 46	11♍14'33	7♌18	5♍26	20♎26	11♍32	0°R30	3♍48	9°R49	2♊19	4♎28	24♒22	23♒15	12♏ 2	29°R50	S 1
S 2	22 56 42	12°13'24	20°19	7°17	21°37	12°11	0♉27	3°55	9♒47	2°R19	4°30	24°R22	23°12	12° 9	29♓47	S 2
M 3	23 0 39	13°12'16	3♍ 7	9° 7	22°48	12°50	0°24	4° 2	9°45	2°19	4°32	24°22	23° 8	12°16	29°44	M 3
T 4	23 4 35	14°11'11	15°43	10°57	23°58	13°29	0°21	4°10	9°43	2°19	4°35	24°21	23° 5	12°23	29°42	T 4
W 5	23 8 32	15°10'08	28° 7	12°46	25° 9	14° 8	0°17	4°17	9°42	2°19	4°37	24°19	23° 2	12°29	29°39	W 5
T 6	23 12 28	16° 9'07	10♎20	14°35	26°20	14°47	0°13	4°25	9°40	2°19	4°39	24°15	22°59	12°36	29°36	T 6
F 7	23 16 25	17° 8'08	22°24	16°23	27°30	15°26	0° 9	4°32	9°38	2°18	4°41	24°12	22°56	12°43	29°34	F 7
S 8	23 20 21	18° 7'11	4♏21	18°10	28°41	16° 6	0° 5	4°39	9°36	2°18	4°44	24° 8	22°53	12°49	29°31	S 8
S 9	23 24 18	19° 6'15	16°13	19°56	29°51	16°45	0° 1	4°47	9°35	2°18	4°46	24° 4	22°49	12°56	29°28	S 9
M10	23 28 15	20° 5'22	28° 5	21°41	1♏ 2	17°24	29♈56	4°54	9°33	2°18	4°48	24° 1	22°46	13° 3	29°26	M10
T 11	23 32 11	21° 4'31	9♐59	23°26	2°12	18° 3	29°52	5° 1	9°31	2°17	4°51	23°59	22°43	13°10	29°23	T 11
W12	23 36 8	22° 3'41	22° 1	25°10	3°22	18°43	29°47	5° 9	9°30	2°17	4°53	23°D59	22°40	13°16	29°20	W12
T 13	23 40 4	23° 2'53	4♑16	26°53	4°32	19°22	29°42	5°16	9°28	2°17	4°56	23°59	22°37	13°23	29°17	T 13
F 14	23 44 1	24° 2'07	16°47	28°35	5°42	20° 1	29°36	5°23	9°27	2°16	4°58	24° 1	22°34	13°30	29°15	F 14
S 15	23 47 57	25° 1'23	29°39	0♎16	6°52	20°41	29°31	5°30	9°25	2°16	5° 0	24° 2	22°30	13°36	29°12	S 15
S 16	23 51 54	26° 0'41	12♒56	1°56	8° 2	21°20	29°25	5°38	9°24	2°16	5° 3	24° 4	22°27	13°43	29° 9	S 16
M17	23 55 50	27° 0'01	26°39	3°36	9°12	22° 0	29°20	5°45	9°23	2°15	5° 5	24°R 4	22°24	13°50	29° 6	M17
T 18	23 59 47	27°59'22	10♓47	5°15	10°22	22°39	29°14	5°52	9°21	2°15	5° 7	24° 3	22°21	13°57	29° 3	T 18
W19	0 3 44	28°58'46	25°19	6°53	11°31	23°19	29° 8	5°59	9°20	2°14	5°10	24° 0	22°18	14° 3	29° 1	W19
T 20	0 7 40	29°58'11	10♈ 7	8°30	12°41	23°58	29° 2	6° 6	9°19	2°13	5°12	23°56	22°14	14°10	28°58	T 20
F 21	0 11 37	0♎57'39	25° 4	10° 7	13°51	24°38	28°55	6°13	9°17	2°13	5°15	23°51	22°11	14°17	28°55	F 21
S 22	0 15 33	1°57'09	10♉ 1	11°43	15° 0	25°17	28°49	6°20	9°16	2°12	5°17	23°45	22° 8	14°24	28°52	S 22
S 23	0 19 30	2°56'41	24°50	13°18	16° 9	25°57	28°42	6°27	9°15	2°12	5°19	23°40	22° 5	14°30	28°50	S 23
M24	0 23 26	3°56'16	9♊24	14°53	17°18	26°36	28°36	6°34	9°14	2°11	5°22	23°36	22° 2	14°37	28°47	M24
T 25	0 27 23	4°55'53	23°38	16°27	18°28	27°16	28°29	6°41	9°13	2°10	5°24	23°33	21°59	14°44	28°44	T 25
W26	0 31 19	5°55'33	7♋31	18° 1	19°37	27°56	28°22	6°48	9°12	2° 9	5°27	23°D33	21°55	14°50	28°41	W26
T 27	0 35 16	6°55'15	21° 2	19°33	20°45	28°36	28°15	6°55	9°11	2° 9	5°29	23°34	21°52	14°57	28°39	T 27
F 28	0 39 13	7°54'59	4♌15	21° 5	21°54	29°15	28° 8	7° 1	9°10	2° 8	5°31	23°35	21°49	15° 4	28°36	F 28
S 29	0 43 9	8°54'46	17°10	22°37	23° 3	29°55	28° 1	7° 8	9° 9	2° 7	5°34	23°R36	21°46	15°11	28°33	S 29
S 30	0 47 6	9♎54'34	29♌51	24♎ 8	24♏11	0♎35	27♈53	7♍15	9♒ 9	2♊ 6	5♎36	23♒36	21♒43	15♏17	28♓30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n24	20n 4	1n33	11n15	1n48	8s34	0s35	8n12	0n59	10n22	1s28	11n50	1n46	18s36	0s43	19n12	1s36	13n30	16n42	13s30	13s52	20s21	3n10	3n32
S 2	7 1	15 10	0 22	10 32	1 46	9 5	0 39	7 56	0 59	10 20	1 28	11 47	1 46	18 37	0 43	19 12	1 36	13 29	16 42	13 29	13 53	20 23	3 9	3 32
M 3	6 39	9 41	0s48	9 48	1 44	9 35	0 42	7 41	0 58	10 19	1 28	11 44	1 46	18 37	0 43	19 12	1 36	13 28	16 41	13 29	13 54	20 25	3 8	3 32
T 4	6 16	3 54	1 55	9 4	1 41	10 4	0 46	7 26	0 58	10 18	1 28	11 42	1 46	18 38	0 43	19 12	1 36	13 27	16 41	13 30	13 55	20 28	3 7	3 32
W 5	5 53	1s55	2 55	8 18	1 37	10 34	0 50	7 10	0 58	10 16	1 28	11 39	1 46	18 38	0 43	19 12	1 36	13 26	16 41	13 31	13 56	20 30	3 6	3 32
T 6	5 30	7 35	3 46	7 33	1 33	11 4	0 53	6 55	0 57	10 15	1 29	11 37	1 46	18 39	0 43	19 12	1 36	13 25	16 41	13 32	13 57	20 32	3 5	3 32
F 7	5 7	12 54	4 27	6 47	1 29	11 33	0 57	6 39	0 57	10 13	1 29	11 34	1 47	18 39	0 43	19 12	1 36	13 23	16 41	13 33	13 58	20 34	3 4	3 32
S 8	4 44	17 40	4 55	6 1	1 25	12 2	1 1	6 24	0 57	10 12	1 29	11 31	1 47	18 40	0 43	19 11	1 36	13 22	16 40	13 34	13 59	20 37	3 3	3 32
S 9	4 20	21 45	5 10	5 14	1 20	12 30	1 5	6 8	0 56	10 10	1 29	11 29	1 47	18 40	0 43	19 11	1 36	13 21	16 40	13 35	14 0	20 39	3 2	3 32
M10	3 57	24 56	5 13	4 28	1 15	12 59	1 8	5 52	0 56	10 8	1 29	11 26	1 47	18 41	0 43	19 11	1 36	13 20	16 40	13 36	14 1	20 41	3 0	3 32
T 11	3 34	27 4	5 1	3 41	1 10	13 27	1 12	5 37	0 56	10 6	1 29	11 23	1 47	18 41	0 43	19 11	1 37	13 19	16 40	13 37	14 2	20 43	2 59	3 32
W12	3 10	27 58	4 37	2 55	1 4	13 55	1 16	5 21	0 56	10 5	1 29	11 21	1 47	18 41	0 43	19 11	1 37	13 18	16 40	13 37	14 3	20 46	2 58	3 32
T 13	2 47	27 31	3 59	2 8	0 58	14 22	1 20	5 5	0 55	10 3	1 30	11 18	1 47	18 42	0 43	19 11	1 37	13 17	16 40	13 37	14 4	20 48	2 57	3 32
F 14	2 23	25 41	3 10	1 22	0 52	14 49	1 23	4 49	0 55	10 1	1 30	11 16	1 47	18 42	0 43	19 11	1 37	13 16	16 40	13 37	14 5	20 50	2 56	3 32
S 15	1 59	22 28	2 9	0 36	0 46	15 16	1 27	4 33	0 55	9 59	1 30	11 13	1 47	18 42	0 43	19 11	1 37	13 15	16 40	13 36	14 6	20 52	2 55	3 32
S 16	1 36	18 1	1 0	0s10	0 40	15 43	1 31	4 17	0 54	9 57	1 30	11 10	1 47	18 43	0 43	19 11	1 37	13 14	16 40	13 36	14 7	20 55	2 54	3 32
M17	1 12	12 30	0n14	0 56	0 33	16 9	1 34	4 1	0 54	9 54	1 30	11 8	1 48	18 43	0 43	19 10	1 37	13 13	16 39	13 35	14 8	20 57	2 52	3 32
T 18	0 48	6 11	1 30	1 41	0 27	16 35	1 38	3 45	0 54	9 52	1 30	11 5	1 48	18 44	0 43	19 10	1 37	13 12	16 39	13 36	14 10	20 59	2 51	3 32
W19	0 25	0n36	2 42	2 26	0 20	17 0	1 42	3 29	0 53	9 50	1 30	11 3	1 48	18 44	0 43	19 10	1 37	13 11	16 39	13 37	14 11	21 1	2 50	3 32
T 20	0 1	7 28	3 44	3 11	0 13	17 25	1 45	3 13	0 53	9 48	1 30	11 0	1 48	18 44	0 43	19 10	1 37	13 10	16 39	13 38	14 12	21 3	2 49	3 31
F 21	0s23	13 59	4 32	3 56	0 7	17 50	1 49	2 57	0 53	9 45	1 30	10 58	1 48	18 44	0 43	19 10	1 37	13 9	16 39	13 40	14 13	21 5	2 48	3 31
S 22	0 47	19 40	5 1	4 40	0s 0	18 14	1 52	2 41	0 52	9 43	1 31	10 55	1 48	18 45	0 43	19 10	1 37	13 8	16 39	13 42	14 14	21 8	2 47	3 31
S 23	1 11	24 7	5 10	5 24	0 7	18 38	1 56	2 25	0 52	9 41	1 31	10 53	1 48	18 45	0 43	19 9	1 37	13 7	16 39	13 44	14 15	21 10	2 45	3 31
M24	1 35	26 55	4 58	6 7	0 14	19 1	1 59	2 9	0 51	9 38	1 31	10 50	1 48	18 45	0 43	19 9	1 37	13 6	16 39	13 45	14 16	21 12	2 44	3 31
T 25	1 58	27 55	4 28	6 50	0 21	19 24	2 3	1 52	0 51	9 36	1 31	10 48	1 49	18 46	0 43	19 9	1 37	13 5	16 39	13 46	14 17	21 14	2 43	3 31
W26	2 22	27 6	3 43	7 32	0 28	19 47	2 6	1 36	0 51	9 33	1 31	10 45	1 49	18 46	0 43	19 9	1 37	13 4	16 39	13 46	14 18	21 16	2 42	3 31
T 27	2 46	24 42	2 47	8 14	0 34	20 9	2 10	1 20	0 50	9 31	1 31	10 43	1 49	18 46	0 43	19 9	1 37	13 3	16 39	13 46	14 19	21 18	2 41	3 31
F 28	3 10	21 0	1 43	8 55	0 41	20 30	2 13	1 4	0 50	9 28	1 31	10 41	1 49	18 46	0 43	19 8	1 37	13 3	16 39	13 45	14 20	21 21	2 39	3 31
S 29	3 33	16 21	0 35	9 36	0 48	20 51	2 16	0 47	0 50	9 25	1 31	10 38	1 49	18 46	0 43	19 8	1 37	13 2	16 39	13 45	14 21	21 23	2 38	3 31
S 30	3s57	11n 4	0s34	10s16	0s55	21s12	2s19	0n31	0n49	9n23	1s31	10n36	1n49	18s47	0s43	19n 8	1s37	13n 1	16n39	13s45	14s22	21s25	2n37	3n31

Julian Day Number = 1992316.5, Delta T = 54m28s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'32, Lahiri = 6°20'33 Julian Calendar 1 Sept. 742 == Greg. Calendar 5 Sept. 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

OCTOBER 742 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 51 2	10♎54'25	12♍21	25♎38	25♏20	1♎15	27°R46	7♍22	9°R 8	2°R 5	5♎39	23°R34	21♒40	15♏24	28°R28	M 1
T 2	0 54 59	11°54'18	24°40	27° 8	26°28	1°55	27♈38	7°28	9♒ 7	2♊ 4	5°41	23♒30	21°36	15°31	28♓25	T 2
W 3	0 58 55	12°54'13	6♎51	28°37	27°37	2°35	27°31	7°35	9° 6	2° 3	5°43	23°23	21°33	15°37	28°22	W 3
T 4	1 2 52	13°54'10	18°55	0♏ 6	28°45	3°15	27°23	7°41	9° 6	2° 2	5°46	23°15	21°30	15°44	28°20	T 4
F 5	1 6 48	14°54'09	0♏53	1°34	29°53	3°55	27°15	7°48	9° 5	2° 1	5°48	23° 5	21°27	15°51	28°17	F 5
S 6	1 10 45	15°54'10	12°47	3° 1	1♐ 1	4°35	27° 7	7°54	9° 5	2° 0	5°51	22°54	21°24	15°58	28°14	S 6
S 7	1 14 42	16°54'13	24°39	4°28	2° 8	5°15	26°59	8° 1	9° 4	1°59	5°53	22°44	21°20	16° 4	28°12	S 7
M 8	1 18 38	17°54'18	6♐30	5°54	3°16	5°55	26°51	8° 7	9° 4	1°58	5°55	22°35	21°17	16°11	28° 9	M 8
T 9	1 22 35	18°54'25	18°23	7°19	4°23	6°35	26°43	8°13	9° 3	1°57	5°58	22°28	21°14	16°18	28° 7	T 9
W10	1 26 31	19°54'33	0♑23	8°44	5°31	7°15	26°35	8°20	9° 3	1°56	6° 0	22°23	21°11	16°25	28° 4	W10
T 11	1 30 28	20°54'43	12°33	10° 8	6°38	7°55	26°27	8°26	9° 3	1°54	6° 2	22°21	21° 8	16°31	28° 2	T 11
F 12	1 34 24	21°54'54	24°58	11°31	7°45	8°36	26°19	8°32	9° 3	1°53	6° 5	22°D21	21° 5	16°38	27°59	F 12
S 13	1 38 21	22°55'07	7♒44	12°53	8°51	9°16	26°11	8°38	9° 2	1°52	6° 7	22°22	21° 1	16°45	27°57	S 13
S 14	1 42 17	23°55'21	20°54	14°14	9°58	9°56	26° 3	8°44	9° 2	1°51	6° 9	22°R22	20°58	16°51	27°54	S 14
M15	1 46 14	24°55'37	4♓33	15°34	11° 4	10°36	25°54	8°50	9° 2	1°50	6°12	22°21	20°55	16°58	27°52	M15
T 16	1 50 11	25°55'55	18°41	16°53	12°11	11°17	25°46	8°56	9°D 2	1°48	6°14	22°19	20°52	17° 5	27°49	T 16
W17	1 54 7	26°56'14	3♈17	18°11	13°17	11°57	25°38	9° 2	9° 2	1°47	6°16	22°14	20°49	17°12	27°47	W17
T 18	1 58 4	27°56'35	18°17	19°27	14°22	12°38	25°30	9° 8	9° 2	1°46	6°19	22° 6	20°45	17°18	27°45	T 18
F 19	2 2 0	28°56'57	3♉31	20°42	15°28	13°18	25°22	9°13	9° 2	1°44	6°21	21°56	20°42	17°25	27°42	F 19
S 20	2 5 57	29°57'21	18°50	21°55	16°33	13°59	25°14	9°19	9° 3	1°43	6°23	21°46	20°39	17°32	27°40	S 20
S 21	2 9 53	0♏57'47	4♊ 1	23° 6	17°39	14°39	25° 6	9°25	9° 3	1°41	6°25	21°36	20°36	17°38	27°38	S 21
M22	2 13 50	1°58'16	18°54	24°15	18°44	15°20	24°58	9°30	9° 3	1°40	6°27	21°28	20°33	17°45	27°36	M22
T 23	2 17 46	2°58'45	3♋24	25°21	19°48	16° 0	24°50	9°36	9° 4	1°39	6°30	21°22	20°30	17°52	27°34	T 23
W24	2 21 43	3°59'17	17°25	26°24	20°53	16°41	24°42	9°41	9° 4	1°37	6°32	21°19	20°26	17°59	27°31	W24
T 25	2 25 40	4°59'51	1♌ 0	27°25	21°57	17°22	24°34	9°46	9° 4	1°36	6°34	21°D18	20°23	18° 5	27°29	T 25
F 26	2 29 36	6° 0'26	14° 9	28°22	23° 1	18° 2	24°26	9°51	9° 5	1°34	6°36	21°R18	20°20	18°12	27°27	F 26
S 27	2 33 33	7° 1'04	26°56	29°14	24° 4	18°43	24°18	9°57	9° 5	1°33	6°38	21°18	20°17	18°19	27°25	S 27
S 28	2 37 29	8° 1'43	9♍27	0♐ 3	25° 8	19°24	24°10	10° 2	9° 6	1°31	6°41	21°16	20°14	18°26	27°23	S 28
M29	2 41 26	9° 2'24	21°44	0°46	26°11	20° 5	24° 3	10° 7	9° 7	1°30	6°43	21°13	20°11	18°32	27°21	M29
T 30	2 45 22	10° 3'06	3♎51	1°23	27°14	20°45	23°55	10°12	9° 7	1°28	6°45	21° 6	20° 7	18°39	27°20	T 30
W31	2 49 19	11♏ 3'50	15♎52	1♐54	28♐16	21♎26	23♈48	10♍17	9♒ 8	1♊27	6♎47	20♒57	20♒ 4	18♏46	27♓18	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s21	5n27	1s39	10s56	1s 1	21s32	2s23	0n15	0n49	9n20	1s31	10n33	1n49	18s47	0s43	19n 8	1s37	13n 0	16n39	13s45	14s23	21s27	2n36	3n31
T 2	4 44	0s18	2 39	11 35	1 8	21 52	2 26	0s 1	0 49	9 17	1 31	10 31	1 50	18 47	0 43	19 8	1 37	12 59	16 39	13 47	14 24	21 29	2 35	3 30
W 3	5 8	5 58	3 31	12 13	1 14	22 10	2 29	0 18	0 48	9 15	1 31	10 29	1 50	18 47	0 43	19 7	1 37	12 58	16 39	13 49	14 25	21 31	2 34	3 30
T 4	5 31	11 21	4 13	12 51	1 21	22 29	2 32	0 34	0 48	9 12	1 31	10 26	1 50	18 47	0 42	19 7	1 37	12 57	16 40	13 52	14 26	21 33	2 32	3 30
F 5	5 55	16 16	4 43	13 28	1 27	22 47	2 35	0 50	0 47	9 9	1 31	10 24	1 50	18 47	0 42	19 7	1 38	12 56	16 40	13 55	14 27	21 35	2 31	3 30
S 6	6 18	20 32	5 0	14 4	1 33	23 4	2 37	1 7	0 47	9 6	1 31	10 22	1 50	18 47	0 42	19 7	1 38	12 56	16 40	13 59	14 28	21 37	2 30	3 30
S 7	6 41	23 59	5 5	14 39	1 39	23 21	2 40	1 23	0 47	9 3	1 31	10 20	1 50	18 48	0 42	19 6	1 38	12 55	16 40	14 2	14 29	21 39	2 29	3 30
M 8	7 4	26 24	4 56	15 14	1 45	23 37	2 43	1 40	0 46	9 0	1 31	10 17	1 51	18 48	0 42	19 6	1 38	12 54	16 40	14 5	14 30	21 42	2 28	3 30
T 9	7 27	27 39	4 35	15 48	1 51	23 53	2 46	1 56	0 46	8 58	1 31	10 15	1 51	18 48	0 42	19 6	1 38	12 53	16 40	14 7	14 31	21 44	2 27	3 30
W10	7 50	27 37	4 1	16 21	1 56	24 7	2 48	2 12	0 45	8 55	1 31	10 13	1 51	18 48	0 42	19 6	1 38	12 52	16 40	14 9	14 32	21 46	2 25	3 29
T 11	8 13	26 15	3 16	16 53	2 2	24 22	2 50	2 29	0 45	8 52	1 31	10 11	1 51	18 48	0 42	19 5	1 38	12 51	16 40	14 9	14 33	21 48	2 24	3 29
F 12	8 36	23 35	2 21	17 24	2 7	24 36	2 53	2 45	0 45	8 49	1 31	10 9	1 51	18 48	0 42	19 5	1 38	12 51	16 40	14 9	14 34	21 50	2 23	3 29
S 13	8 58	19 42	1 17	17 54	2 12	24 49	2 55	3 1	0 44	8 46	1 31	10 6	1 51	18 48	0 42	19 5	1 38	12 50	16 41	14 9	14 35	21 52	2 22	3 29
S 14	9 21	14 45	0 8	18 23	2 16	25 1	2 57	3 18	0 44	8 43	1 31	10 4	1 52	18 48	0 42	19 5	1 38	12 49	16 41	14 9	14 36	21 54	2 21	3 29
M15	9 43	8 55	1n 4	18 51	2 20	25 13	2 59	3 34	0 43	8 40	1 31	10 2	1 52	18 48	0 42	19 4	1 38	12 48	16 41	14 9	14 37	21 56	2 20	3 29
T 16	10 5	2 26	2 15	19 18	2 24	25 24	3 1	3 50	0 43	8 37	1 31	10 0	1 52	18 48	0 42	19 4	1 38	12 48	16 41	14 10	14 38	21 58	2 19	3 29
W17	10 27	4n22	3 19	19 44	2 28	25 35	3 3	4 6	0 43	8 34	1 30	9 58	1 52	18 48	0 42	19 4	1 38	12 47	16 41	14 12	14 39	22 0	2 18	3 28
T 18	10 49	11 5	4 12	20 8	2 31	25 45	3 5	4 23	0 42	8 31	1 30	9 56	1 52	18 48	0 42	19 3	1 38	12 46	16 42	14 14	14 40	22 2	2 17	3 28
F 19	11 11	17 16	4 47	20 31	2 34	25 54	3 7	4 39	0 42	8 29	1 30	9 54	1 53	18 48	0 42	19 3	1 38	12 46	16 42	14 18	14 41	22 4	2 16	3 28
S 20	11 32	22 22	5 2	20 53	2 36	26 2	3 8	4 55	0 41	8 26	1 30	9 52	1 53	18 48	0 42	19 3	1 38	12 45	16 42	14 21	14 42	22 6	2 15	3 28
S 21	11 53	25 55	4 55	21 13	2 38	26 10	3 10	5 11	0 41	8 23	1 30	9 50	1 53	18 47	0 42	19 3	1 38	12 44	16 42	14 24	14 43	22 8	2 13	3 28
M22	12 14	27 36	4 28	21 32	2 39	26 17	3 11	5 27	0 40	8 20	1 30	9 48	1 53	18 47	0 42	19 2	1 38	12 44	16 42	14 27	14 44	22 10	2 12	3 28
T 23	12 35	27 19	3 45	21 49	2 40	26 24	3 12	5 44	0 40	8 17	1 30	9 46	1 53	18 47	0 42	19 2	1 38	12 43	16 43	14 29	14 45	22 12	2 11	3 27
W24	12 56	25 15	2 49	22 5	2 40	26 30	3 13	6 0	0 39	8 14	1 30	9 45	1 54	18 47	0 42	19 2	1 38	12 42	16 43	14 30	14 46	22 14	2 10	3 27
T 25	13 17	21 47	1 45	22 18	2 40	26 35	3 14	6 16	0 39	8 12	1 30	9 43	1 54	18 47	0 42	19 1	1 38	12 42	16 43	14 30	14 47	22 16	2 9	3 27
F 26	13 37	17 18	0 38	22 30	2 38	26 40	3 15	6 32	0 39	8 9	1 29	9 41	1 54	18 47	0 42	19 1	1 38	12 41	16 43	14 30	14 48	22 18	2 8	3 27
S 27	13 57	12 9	0s30	22 40	2 36	26 44	3 16	6 48	0 38	8 6	1 29	9 39	1 54	18 47	0 42	19 1	1 38	12 40	16 44	14 30	14 49	22 20	2 7	3 27
S 28	14 17	6 37	1 34	22 47	2 33	26 47	3 16	7 4	0 38	8 3	1 29	9 37	1 54	18 46	0 42	19 0	1 38	12 40	16 44	14 30	14 51	22 22	2 7	3 26
M29	14 36	0 57	2 33	22 53	2 29	26 49	3 17	7 20	0 37	8 1	1 29	9 36	1 55	18 46	0 42	19 0	1 38	12 39	16 44	14 32	14 52	22 24	2 6	3 26
T 30	14 56	4s40	3 24	22 55	2 24	26 51	3 17	7 36	0 37	7 58	1 29	9 34	1 55	18 46	0 42	19 0	1 38	12 39	16 45	14 34	14 53	22 26	2 5	3 26
W31	15s15	10s 4	4s 6	22s55	2s17	26s52	3s17	7s51	0n36	7n56	1s29	9n32	1n55	18s46	0s42	18n59	1s38	12n38	16n45	14s37	14s54	22s28	2n 4	3n26

Julian Day Number = 1992346.5, Delta T = 54m27s
Ecliptic obliquity = 23°36'14, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'36, Lahiri = 6°20'37 Julian Calendar 1 Oct. 742 == Greg. Calendar 5 Oct. 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

NOVEMBER 742 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 53 15	12♏ 4'35	27♎48	2♐17	29♐19	22♎ 7	23°R40	10♍21	9♒ 9	1°R25	6♎49	20°R44	20♒ 1	18♏52	27°R16	T 1
F 2	2 57 12	13° 5'23	9♏42	2°33	0♑20	22°48	23♈33	10°26	9°10	1♊23	6°51	20♒30	19°58	18°59	27♓14	F 2
S 3	3 1 8	14° 6'11	21°34	2°R39	1°22	23°29	23°26	10°31	9°11	1°22	6°53	20°15	19°55	19° 6	27°13	S 3
S 4	3 5 5	15° 7'01	3♐26	2°37	2°23	24°10	23°19	10°35	9°12	1°20	6°55	20° 0	19°51	19°13	27°11	S 4
M 5	3 9 2	16° 7'52	15°19	2°23	3°24	24°51	23°12	10°40	9°13	1°19	6°57	19°47	19°48	19°19	27° 9	M 5
T 6	3 12 58	17° 8'44	27°16	2° 0	4°24	25°32	23° 5	10°44	9°14	1°17	6°59	19°36	19°45	19°26	27° 8	T 6
W 7	3 16 55	18° 9'37	9♑18	1°25	5°24	26°13	22°58	10°48	9°15	1°15	7° 1	19°28	19°42	19°33	27° 6	W 7
T 8	3 20 51	19°10'32	21°28	0°39	6°24	26°54	22°52	10°53	9°16	1°14	7° 3	19°24	19°39	19°40	27° 5	T 8
F 9	3 24 48	20°11'27	3♒52	29♏43	7°23	27°36	22°45	10°57	9°17	1°12	7° 5	19°21	19°36	19°46	27° 3	F 9
S 10	3 28 44	21°12'23	16°32	28°37	8°22	28°17	22°39	11° 1	9°18	1°10	7° 7	19°21	19°32	19°53	27° 2	S 10
S 11	3 32 41	22°13'19	29°34	27°24	9°20	28°58	22°33	11° 5	9°20	1° 9	7° 9	19°21	19°29	20° 0	27° 1	S 11
M12	3 36 38	23°14'17	13♓ 3	26° 5	10°18	29°39	22°27	11° 9	9°21	1° 7	7°10	19°20	19°26	20° 6	26°59	M12
T 13	3 40 34	24°15'15	26°59	24°43	11°15	0♏21	22°21	11°12	9°22	1° 5	7°12	19°17	19°23	20°13	26°58	T 13
W14	3 44 31	25°16'14	11♈25	23°20	12°11	1° 2	22°15	11°16	9°24	1° 4	7°14	19°11	19°20	20°20	26°57	W14
T 15	3 48 27	26°17'14	26°18	21°59	13° 7	1°43	22°10	11°20	9°25	1° 2	7°16	19° 3	19°17	20°27	26°56	T 15
F 16	3 52 24	27°18'14	11♉30	20°44	14° 3	2°25	22° 4	11°23	9°27	1° 0	7°17	18°52	19°13	20°33	26°55	F 16
S 17	3 56 20	28°19'15	26°52	19°36	14°58	3° 6	21°59	11°27	9°29	0°58	7°19	18°41	19°10	20°40	26°54	S 17
S 18	4 0 17	29°20'18	12♊12	18°37	15°52	3°48	21°54	11°30	9°30	0°57	7°21	18°30	19° 7	20°47	26°53	S 18
M19	4 4 13	0♐21'21	27°18	17°48	16°46	4°29	21°49	11°33	9°32	0°55	7°22	18°20	19° 4	20°54	26°52	M19
T 20	4 8 10	1°22'25	12♋ 2	17°11	17°39	5°11	21°45	11°36	9°34	0°53	7°24	18°13	19° 1	21° 0	26°51	T 20
W21	4 12 7	2°23'30	26°16	16°44	18°31	5°52	21°40	11°39	9°35	0°52	7°26	18° 9	18°57	21° 7	26°50	W21
T 22	4 16 3	3°24'36	10♌ 1	16°29	19°22	6°34	21°36	11°42	9°37	0°50	7°27	18° 7	18°54	21°14	26°50	T 22
F 23	4 20 0	4°25'43	23°17	16°D24	20°13	7°16	21°32	11°45	9°39	0°48	7°29	18°D 7	18°51	21°20	26°49	F 23
S 24	4 23 56	5°26'51	6♍ 8	16°29	21° 3	7°57	21°28	11°48	9°41	0°47	7°30	18°R 8	18°48	21°27	26°48	S 24
S 25	4 27 53	6°27'59	18°37	16°44	21°52	8°39	21°24	11°50	9°43	0°45	7°32	18° 7	18°45	21°34	26°48	S 25
M26	4 31 49	7°29'09	0♎51	17° 7	22°41	9°21	21°21	11°53	9°45	0°43	7°33	18° 4	18°42	21°41	26°47	M26
T 27	4 35 46	8°30'19	12°54	17°38	23°28	10° 3	21°17	11°55	9°47	0°41	7°35	17°59	18°38	21°47	26°47	T 27
W28	4 39 42	9°31'30	24°49	18°15	24°15	10°45	21°14	11°58	9°49	0°40	7°36	17°51	18°35	21°54	26°46	W28
T 29	4 43 39	10°32'42	6♏41	18°59	25° 0	11°26	21°11	12° 0	9°51	0°38	7°37	17°40	18°32	22° 1	26°46	T 29
F 30	4 47 36	11♐33'54	18♏33	19♏48	25♑45	12♏ 8	21♈ 8	12♍ 2	9♒53	0♊36	7♎39	17♒28	18♒29	22♏ 7	26♓46	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s34	15s 3	4s36	22s53	2s10	26s53	3s17	8s 7	0n36	7n53	1s28	9n31	1n55	18s46	0s42	18n59	1s38	12n38	16n45	14s41	14s55	22s30	2n 3	3n26
F 2	15 52	19 27	4 54	22 47	2 1	26 53	3 17	8 23	0 35	7 50	1 28	9 29	1 56	18 45	0 42	18 59	1 38	12 37	16 46	14 45	14 56	22 31	2 2	3 25
S 3	16 11	23 5	4 59	22 38	1 50	26 52	3 16	8 39	0 35	7 48	1 28	9 28	1 56	18 45	0 42	18 58	1 38	12 37	16 46	14 50	14 57	22 33	2 1	3 25
S 4	16 29	25 45	4 51	22 26	1 38	26 51	3 16	8 54	0 34	7 46	1 28	9 26	1 56	18 45	0 41	18 58	1 38	12 36	16 46	14 55	14 58	22 35	2 0	3 25
M 5	16 47	27 16	4 30	22 10	1 25	26 49	3 15	9 10	0 34	7 43	1 28	9 25	1 56	18 44	0 41	18 58	1 38	12 36	16 47	14 59	14 59	22 37	1 59	3 25
T 6	17 4	27 32	3 58	21 51	1 10	26 46	3 14	9 25	0 33	7 41	1 27	9 23	1 57	18 44	0 41	18 57	1 38	12 35	16 47	15 3	15 0	22 39	1 59	3 25
W 7	17 21	26 30	3 14	21 27	0 53	26 42	3 13	9 41	0 33	7 39	1 27	9 22	1 57	18 44	0 41	18 57	1 38	12 35	16 47	15 5	15 1	22 41	1 58	3 24
T 8	17 38	24 12	2 21	21 0	0 35	26 39	3 12	9 56	0 32	7 36	1 27	9 20	1 57	18 43	0 41	18 57	1 38	12 35	16 48	15 6	15 2	22 43	1 57	3 24
F 9	17 55	20 44	1 21	20 30	0 16	26 34	3 10	10 12	0 32	7 34	1 27	9 19	1 57	18 43	0 41	18 56	1 38	12 34	16 48	15 7	15 3	22 45	1 56	3 24
S 10	18 11	16 13	0 15	19 56	0n 4	26 29	3 9	10 27	0 31	7 32	1 26	9 18	1 58	18 43	0 41	18 56	1 38	12 34	16 48	15 7	15 4	22 47	1 55	3 24
S 11	18 27	10 52	0n54	19 19	0 24	26 23	3 7	10 42	0 31	7 30	1 26	9 16	1 58	18 42	0 41	18 56	1 38	12 33	16 49	15 7	15 5	22 49	1 55	3 24
M12	18 43	4 50	2 2	18 41	0 45	26 17	3 5	10 57	0 30	7 28	1 26	9 15	1 58	18 42	0 41	18 55	1 38	12 33	16 49	15 8	15 6	22 50	1 54	3 23
T 13	18 58	1n37	3 5	18 2	1 5	26 10	3 3	11 12	0 30	7 26	1 26	9 14	1 58	18 42	0 41	18 55	1 38	12 33	16 50	15 8	15 7	22 52	1 53	3 23
W14	19 13	8 12	3 58	17 23	1 24	26 2	3 1	11 27	0 29	7 24	1 25	9 13	1 59	18 41	0 41	18 55	1 38	12 32	16 50	15 10	15 8	22 54	1 53	3 23
T 15	19 27	14 31	4 37	16 45	1 42	25 54	2 58	11 42	0 29	7 22	1 25	9 12	1 59	18 41	0 41	18 54	1 38	12 32	16 50	15 13	15 9	22 56	1 52	3 23
F 16	19 42	20 6	4 58	16 10	1 57	25 46	2 55	11 57	0 28	7 21	1 25	9 10	1 59	18 40	0 41	18 54	1 38	12 32	16 51	15 16	15 10	22 58	1 51	3 22
S 17	19 55	24 24	4 57	15 39	2 11	25 37	2 52	12 12	0 28	7 19	1 25	9 9	1 59	18 40	0 41	18 54	1 38	12 32	16 51	15 20	15 11	23 0	1 51	3 22
S 18	20 9	26 57	4 35	15 12	2 23	25 27	2 49	12 27	0 27	7 17	1 24	9 8	2 0	18 39	0 41	18 53	1 38	12 31	16 52	15 23	15 12	23 1	1 50	3 22
M19	20 22	27 29	3 54	14 49	2 32	25 17	2 46	12 41	0 26	7 16	1 24	9 7	2 0	18 39	0 41	18 53	1 38	12 31	16 52	15 26	15 13	23 3	1 50	3 22
T 20	20 35	26 1	2 58	14 32	2 40	25 6	2 42	12 56	0 26	7 14	1 24	9 6	2 0	18 38	0 41	18 53	1 38	12 31	16 53	15 28	15 14	23 5	1 49	3 21
W21	20 47	22 53	1 53	14 19	2 45	24 55	2 38	13 10	0 25	7 13	1 23	9 5	2 0	18 38	0 41	18 52	1 38	12 31	16 53	15 30	15 15	23 7	1 49	3 21
T 22	20 59	18 33	0 43	14 12	2 48	24 44	2 34	13 25	0 25	7 11	1 23	9 5	2 1	18 37	0 41	18 52	1 38	12 30	16 54	15 30	15 16	23 9	1 48	3 21
F 23	21 10	13 25	0s27	14 9	2 49	24 32	2 30	13 39	0 24	7 10	1 23	9 4	2 1	18 37	0 41	18 51	1 38	12 30	16 54	15 30	15 17	23 10	1 48	3 21
S 24	21 22	7 52	1 34	14 11	2 49	24 20	2 25	13 53	0 24	7 9	1 23	9 3	2 1	18 36	0 41	18 51	1 38	12 30	16 54	15 30	15 18	23 12	1 47	3 21
S 25	21 32	2 10	2 34	14 16	2 48	24 7	2 20	14 7	0 23	7 8	1 22	9 2	2 1	18 36	0 41	18 51	1 38	12 30	16 55	15 30	15 19	23 14	1 47	3 20
M26	21 43	3s29	3 26	14 25	2 45	23 54	2 15	14 21	0 23	7 7	1 22	9 1	2 2	18 35	0 41	18 50	1 38	12 30	16 55	15 31	15 20	23 16	1 46	3 20
T 27	21 52	8 55	4 8	14 37	2 41	23 41	2 10	14 35	0 22	7 6	1 22	9 1	2 2	18 35	0 41	18 50	1 38	12 30	16 56	15 33	15 21	23 17	1 46	3 20
W28	22 2	13 59	4 38	14 52	2 37	23 27	2 4	14 49	0 21	7 5	1 21	9 0	2 2	18 34	0 41	18 50	1 38	12 30	16 56	15 35	15 22	23 19	1 45	3 20
T 29	22 11	18 30	4 56	15 9	2 32	23 13	1 58	15 2	0 21	7 4	1 21	9 0	2 2	18 33	0 41	18 49	1 38	12 30	16 57	15 39	15 23	23 21	1 45	3 19
F 30	22s20	22s17	5s 2	15s28	2n26	22s58	1s52	15s16	0n20	7n 3	1s21	8n59	2n 3	18s33	0s41	18n49	1s38	12n29	16n57	15s42	15s23	23s23	1n45	3n19

Julian Day Number = 1992377.5, Delta T = 54m26s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'41, Lahiri = 6°20'41 Julian Calendar 1 Nov. 742 == Greg. Calendar 5 Nov. 742

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ASTRODIENST EPHEMERIS for the year 742
geocentric

DECEMBER 742 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 51 32	12♐35'07	0♐25	20♏41	26♑28	12♏50	21°R 6	12♍ 4	9♒55	0°R35	7♎40	17°R14	18♒26	22♏14	26°R45	S 1
S 2	4 55 29	13°36'20	12°20	21°39	27°11	13°32	21♈ 3	12° 6	9°58	0♊33	7°41	17♒ 1	18°23	22°21	26♓45	S 2
M 3	4 59 25	14°37'33	24°19	22°41	27°52	14°14	21° 1	12° 8	10° 0	0°31	7°43	16°50	18°19	22°28	26°45	M 3
T 4	5 3 22	15°38'47	6♑24	23°46	28°32	14°56	20°59	12° 9	10° 2	0°30	7°44	16°40	18°16	22°34	26°45	T 4
W 5	5 7 18	16°40'01	18°35	24°53	29°11	15°39	20°58	12°11	10° 5	0°28	7°45	16°34	18°13	22°41	26°D45	W 5
T 6	5 11 15	17°41'15	0♒54	26° 4	29°48	16°21	20°56	12°13	10° 7	0°27	7°46	16°30	18°10	22°48	26°45	T 6
F 7	5 15 12	18°42'28	13°25	27°16	0♒25	17° 3	20°55	12°14	10° 9	0°25	7°47	16°D29	18° 7	22°55	26°45	F 7
S 8	5 19 8	19°43'42	26° 9	28°31	1° 0	17°45	20°54	12°15	10°12	0°23	7°48	16°29	18° 3	23° 1	26°45	S 8
S 9	5 23 5	20°44'55	9♓11	29°47	1°33	18°27	20°53	12°16	10°14	0°22	7°49	16°30	18° 0	23° 8	26°46	S 9
M10	5 27 1	21°46'08	22°33	1♐ 5	2° 5	19° 9	20°52	12°17	10°17	0°20	7°50	16°R30	17°57	23°15	26°46	M10
T 11	5 30 58	22°47'21	6♈19	2°24	2°35	19°52	20°52	12°18	10°20	0°19	7°51	16°29	17°54	23°21	26°46	T 11
W12	5 34 54	23°48'33	20°29	3°45	3° 4	20°34	20°51	12°19	10°22	0°17	7°52	16°26	17°51	23°28	26°47	W12
T 13	5 38 51	24°49'45	5♉ 3	5° 6	3°31	21°16	20°D51	12°20	10°25	0°16	7°53	16°21	17°48	23°35	26°47	T 13
F 14	5 42 47	25°50'57	19°55	6°29	3°56	21°59	20°51	12°20	10°27	0°14	7°54	16°14	17°44	23°42	26°48	F 14
S 15	5 46 44	26°52'08	5♊ 1	7°53	4°20	22°41	20°52	12°21	10°30	0°13	7°55	16° 6	17°41	23°48	26°48	S 15
S 16	5 50 41	27°53'20	20° 9	9°17	4°41	23°24	20°52	12°21	10°33	0°11	7°56	15°58	17°38	23°55	26°49	S 16
M17	5 54 37	28°54'30	5♋ 9	10°42	5° 1	24° 6	20°53	12°22	10°36	0°10	7°57	15°52	17°35	24° 2	26°49	M17
T 18	5 58 34	29°55'41	19°53	12° 9	5°18	24°49	20°54	12°22	10°39	0° 8	7°57	15°47	17°32	24° 9	26°50	T 18
W19	6 2 30	0♑56'51	4♌14	13°35	5°33	25°31	20°55	12°R22	10°41	0° 7	7°58	15°44	17°29	24°15	26°51	W19
T 20	6 6 27	1°58'01	18° 7	15° 3	5°47	26°14	20°57	12°22	10°44	0° 5	7°59	15°D44	17°25	24°22	26°52	T 20
F 21	6 10 23	2°59'11	1♍32	16°31	5°58	26°57	20°58	12°22	10°47	0° 4	7°59	15°45	17°22	24°29	26°53	F 21
S 22	6 14 20	4° 0'20	14°30	18° 0	6° 6	27°39	21° 0	12°21	10°50	0° 3	8° 0	15°46	17°19	24°35	26°54	S 22
S 23	6 18 16	5° 1'30	27° 6	19°29	6°13	28°22	21° 2	12°21	10°53	0° 1	8° 1	15°47	17°16	24°42	26°55	S 23
M24	6 22 13	6° 2'39	9♎23	20°59	6°17	29° 5	21° 4	12°21	10°56	0° 0	8° 1	15°R48	17°13	24°49	26°56	M24
T 25	6 26 10	7° 3'48	21°27	22°29	6°R19	29°47	21° 7	12°20	10°59	29♉59	8° 2	15°46	17° 9	24°56	26°57	T 25
W26	6 30 6	8° 4'56	3♏23	24° 0	6°18	0♐30	21° 9	12°19	11° 2	29°57	8° 2	15°43	17° 6	25° 2	26°58	W26
T 27	6 34 3	9° 6'04	15°14	25°32	6°15	1°13	21°12	12°19	11° 5	29°56	8° 2	15°39	17° 3	25° 9	26°59	T 27
F 28	6 37 59	10° 7'12	27° 5	27° 4	6° 9	1°56	21°15	12°18	11° 8	29°55	8° 3	15°33	17° 0	25°16	27° 0	F 28
S 29	6 41 56	11° 8'19	9♐ 0	28°37	6° 1	2°39	21°18	12°17	11°11	29°54	8° 3	15°26	16°57	25°23	27° 2	S 29
S 30	6 45 52	12° 9'26	20°59	0♑10	5°50	3°22	21°22	12°15	11°14	29°53	8° 3	15°19	16°54	25°29	27° 3	S 30
M31	6 49 49	13♑10'31	3♑ 6	1♑44	5♒36	4♐ 5	21♈25	12♍14	11♒17	29♉52	8♎ 4	15♒14	16♒50	25♏36	27♓ 5	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s28	25s10	4s54	15s48	2n19	22s44	1s45	15s29	0n20	7n 3	1s20	8n58	2n 3	18s32	0s41	18n49	1s38	12n29	16n58	15s46	15s24	23s24	1n44	3n19
S 2	22 35	26 57	4 33	16 10	2 13	22 29	1 38	15 43	0 19	7 2	1 20	8 58	2 3	18 32	0 41	18 48	1 38	12 29	16 58	15 50	15 25	23 26	1 44	3 19
M 3	22 43	27 29	4 0	16 33	2 6	22 13	1 31	15 56	0 18	7 2	1 20	8 58	2 4	18 31	0 41	18 48	1 38	12 29	16 59	15 54	15 26	23 28	1 44	3 18
T 4	22 49	26 43	3 17	16 56	1 58	21 58	1 24	16 9	0 18	7 1	1 19	8 57	2 4	18 30	0 41	18 48	1 38	12 29	16 59	15 57	15 27	23 30	1 44	3 18
W 5	22 56	24 40	2 23	17 20	1 50	21 42	1 16	16 22	0 17	7 1	1 19	8 57	2 4	18 30	0 41	18 48	1 38	12 29	17 0	15 59	15 28	23 31	1 43	3 18
T 6	23 2	21 26	1 22	17 44	1 43	21 27	1 8	16 34	0 17	7 0	1 19	8 56	2 4	18 29	0 41	18 47	1 38	12 29	17 1	16 0	15 29	23 33	1 43	3 18
F 7	23 7	17 10	0 16	18 9	1 35	21 11	1 0	16 47	0 16	7 0	1 19	8 56	2 5	18 28	0 41	18 47	1 38	12 30	17 1	16 0	15 30	23 35	1 43	3 17
S 8	23 12	12 5	0n52	18 33	1 27	20 54	0 51	17 0	0 15	7 0	1 18	8 56	2 5	18 28	0 41	18 47	1 38	12 30	17 2	16 0	15 31	23 36	1 43	3 17
S 9	23 17	6 21	1 59	18 58	1 19	20 38	0 42	17 12	0 15	7 0	1 18	8 56	2 5	18 27	0 41	18 46	1 38	12 30	17 2	16 0	15 32	23 38	1 43	3 17
M10	23 21	0 12	3 1	19 22	1 11	20 22	0 33	17 24	0 14	7 0	1 18	8 56	2 6	18 26	0 40	18 46	1 38	12 30	17 3	16 0	15 33	23 40	1 43	3 17
T 11	23 24	6n 7	3 55	19 46	1 2	20 6	0 23	17 37	0 13	7 0	1 17	8 56	2 6	18 25	0 40	18 46	1 38	12 30	17 3	16 0	15 34	23 41	1 43	3 16
W12	23 27	12 18	4 36	20 9	0 54	19 49	0 13	17 49	0 13	7 0	1 17	8 55	2 6	18 25	0 40	18 45	1 38	12 30	17 4	16 1	15 35	23 43	1 42	3 16
T 13	23 30	18 0	5 1	20 32	0 46	19 33	0 3	18 0	0 12	7 1	1 17	8 55	2 6	18 24	0 40	18 45	1 38	12 30	17 4	16 3	15 36	23 45	1 42	3 16
F 14	23 32	22 45	5 6	20 55	0 38	19 17	0n 7	18 12	0 12	7 1	1 16	8 55	2 7	18 23	0 40	18 45	1 38	12 30	17 5	16 5	15 37	23 46	1 42	3 16
S 15	23 34	26 2	4 50	21 16	0 30	19 1	0 18	18 24	0 11	7 2	1 16	8 56	2 7	18 22	0 40	18 45	1 38	12 31	17 6	16 7	15 38	23 48	1 42	3 15
S 16	23 35	27 28	4 14	21 37	0 23	18 45	0 30	18 35	0 10	7 2	1 16	8 56	2 7	18 22	0 40	18 44	1 38	12 31	17 6	16 9	15 39	23 50	1 42	3 15
M17	23 36	26 51	3 21	21 58	0 15	18 29	0 41	18 46	0 10	7 3	1 15	8 56	2 7	18 21	0 40	18 44	1 38	12 31	17 7	16 11	15 40	23 51	1 42	3 15
T 18	23 36	24 20	2 15	22 17	0 7	18 13	0 53	18 57	0 9	7 3	1 15	8 56	2 8	18 20	0 40	18 44	1 38	12 31	17 7	16 13	15 41	23 53	1 43	3 15
W19	23 36	20 20	1 2	22 36	0s 0	17 57	1 6	19 8	0 8	7 4	1 15	8 56	2 8	18 19	0 40	18 43	1 38	12 31	17 8	16 14	15 42	23 55	1 43	3 15
T 20	23 35	15 18	0s13	22 53	0 8	17 41	1 18	19 19	0 8	7 5	1 14	8 56	2 8	18 18	0 40	18 43	1 38	12 32	17 8	16 14	15 43	23 56	1 43	3 14
F 21	23 34	9 41	1 25	23 10	0 15	17 26	1 31	19 30	0 7	7 6	1 14	8 57	2 9	18 18	0 40	18 43	1 37	12 32	17 9	16 14	15 44	23 58	1 43	3 14
S 22	23 33	3 51	2 29	23 25	0 22	17 11	1 45	19 40	0 6	7 7	1 14	8 57	2 9	18 17	0 40	18 43	1 37	12 32	17 10	16 13	15 45	23 59	1 43	3 14
S 23	23 30	1s58	3 25	23 40	0 29	16 56	1 58	19 51	0 6	7 8	1 13	8 58	2 9	18 16	0 40	18 42	1 37	12 33	17 10	16 13	15 46	24 1	1 43	3 14
M24	23 28	7 34	4 10	23 53	0 36	16 42	2 12	20 1	0 5	7 9	1 13	8 58	2 9	18 15	0 40	18 42	1 37	12 33	17 11	16 13	15 47	24 3	1 43	3 13
T 25	23 25	12 47	4 43	24 6	0 42	16 28	2 26	20 11	0 4	7 10	1 13	8 58	2 10	18 14	0 40	18 42	1 37	12 33	17 11	16 13	15 48	24 4	1 44	3 13
W26	23 21	17 28	5 3	24 17	0 49	16 14	2 40	20 20	0 3	7 11	1 12	8 59	2 10	18 13	0 40	18 42	1 37	12 34	17 12	16 14	15 49	24 6	1 44	3 13
T 27	23 17	21 27	5 10	24 27	0 55	16 1	2 55	20 30	0 3	7 13	1 12	9 0	2 10	18 13	0 40	18 42	1 37	12 34	17 12	16 15	15 50	24 7	1 44	3 13
F 28	23 13	24 34	5 4	24 35	1 1	15 48	3 10	20 39	0 2	7 14	1 12	9 0	2 11	18 12	0 40	18 41	1 37	12 34	17 13	16 17	15 51	24 9	1 44	3 12
S 29	23 8	26 38	4 45	24 42	1 7	15 36	3 25	20 49	0 1	7 16	1 11	9 1	2 11	18 11	0 40	18 41	1 37	12 35	17 14	16 19	15 52	24 10	1 45	3 12
S 30	23 3	27 30	4 13	24 48	1 12	15 24	3 40	20 58	0 1	7 17	1 11	9 1	2 11	18 10	0 40	18 41	1 37	12 35	17 14	16 21	15 53	24 12	1 45	3 12
M31	22s57	27s 3	3s29	24s53	1s18	15s12	3n55	21s 7	0s 0	7n19	1s11	9n 2	2n11	18s 9	0s40	18n41	1s37	12n36	17n15	16s23	15s54	24s13	1n46	3n12

Julian Day Number = 1992407.5, Delta T = 54m26s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'45, Lahiri = 6°20'45 Julian Calendar 1 Dec. 742 == Greg. Calendar 5 Dec. 742

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ASTRODIENST EPHEMERIS for the year 743
geocentric

JANUARY 743 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 53 45	14♉11'37	15♉22	3♉18	5°R21	4♐48	21♈29	12°R13	11♒21	29°R50	8♎ 4	15°R 9	16♒47	25♏43	27♓ 6	T 1
W 2	6 57 42	15°12'41	27°48	4°53	5♒ 2	5°31	21°33	12♍11	11°24	29♉49	8° 4	15♒ 6	16°44	25°49	27° 8	W 2
T 3	7 1 39	16°13'44	10♒24	6°29	4°42	6°14	21°37	12°10	11°27	29°48	8° 4	15°D 5	16°41	25°56	27° 9	T 3
F 4	7 5 35	17°14'46	23°12	8° 5	4°19	6°57	21°41	12° 8	11°30	29°47	8° 4	15° 5	16°38	26° 3	27°11	F 4
S 5	7 9 32	18°15'47	6♓13	9°42	3°54	7°40	21°46	12° 7	11°33	29°46	8° 5	15° 6	16°35	26°10	27°13	S 5
S 6	7 13 28	19°16'47	19°27	11°19	3°27	8°23	21°51	12° 5	11°37	29°45	8° 5	15° 8	16°31	26°16	27°14	S 6
M 7	7 17 25	20°17'46	2♈56	12°58	2°58	9° 6	21°55	12° 3	11°40	29°44	8°R 5	15° 9	16°28	26°23	27°16	M 7
T 8	7 21 21	21°18'43	16°40	14°36	2°27	9°50	22° 1	12° 1	11°43	29°43	8° 5	15°R10	16°25	26°30	27°18	T 8
W 9	7 25 18	22°19'38	0♉41	16°16	1°54	10°33	22° 6	11°59	11°47	29°42	8° 5	15°10	16°22	26°36	27°20	W 9
T 10	7 29 14	23°20'33	14°58	17°56	1°20	11°16	22°11	11°56	11°50	29°41	8° 4	15° 9	16°19	26°43	27°22	T 10
F 11	7 33 11	24°21'26	29°27	19°37	0°45	12° 0	22°17	11°54	11°53	29°41	8° 4	15° 7	16°15	26°50	27°24	F 11
S 12	7 37 8	25°22'17	14♊ 5	21°19	0° 9	12°43	22°23	11°51	11°57	29°40	8° 4	15° 4	16°12	26°57	27°26	S 12
S 13	7 41 4	26°23'08	28°46	23° 1	29♉32	13°26	22°29	11°49	12° 0	29°39	8° 4	15° 1	16° 9	27° 3	27°28	S 13
M14	7 45 1	27°23'56	13♋23	24°44	28°55	14°10	22°35	11°46	12° 3	29°38	8° 4	14°59	16° 6	27°10	27°30	M14
T 15	7 48 57	28°24'44	27°49	26°28	28°18	14°53	22°41	11°44	12° 7	29°38	8° 3	14°57	16° 3	27°17	27°32	T 15
W16	7 52 54	29°25'30	11♌59	28°13	27°40	15°37	22°47	11°41	12°10	29°37	8° 3	14°D57	16° 0	27°24	27°34	W16
T 17	7 56 50	0♒26'14	25°48	29°58	27° 3	16°20	22°54	11°38	12°14	29°36	8° 3	14°57	15°56	27°30	27°37	T 17
F 18	8 0 47	1°26'57	9♍14	1♒45	26°27	17° 4	23° 1	11°35	12°17	29°36	8° 2	14°58	15°53	27°37	27°39	F 18
S 19	8 4 44	2°27'40	22°17	3°32	25°51	17°47	23° 8	11°32	12°20	29°35	8° 2	14°59	15°50	27°44	27°41	S 19
S 20	8 8 40	3°28'20	4♎59	5°19	25°17	18°31	23°15	11°29	12°24	29°34	8° 2	15° 0	15°47	27°50	27°44	S 20
M21	8 12 37	4°29'00	17°21	7° 8	24°44	19°14	23°22	11°26	12°27	29°34	8° 1	15° 1	15°44	27°57	27°46	M21
T 22	8 16 33	5°29'38	29°29	8°57	24°12	19°58	23°29	11°22	12°31	29°33	8° 1	15° 2	15°41	28° 4	27°48	T 22
W23	8 20 30	6°30'16	11♏28	10°47	23°42	20°42	23°37	11°19	12°34	29°33	8° 0	15°R 2	15°37	28°11	27°51	W23
T 24	8 24 26	7°30'52	23°20	12°37	23°14	21°25	23°45	11°15	12°38	29°32	8° 0	15° 1	15°34	28°17	27°53	T 24
F 25	8 28 23	8°31'26	5♐12	14°28	22°48	22° 9	23°52	11°12	12°41	29°32	7°59	15° 1	15°31	28°24	27°56	F 25
S 26	8 32 19	9°32'00	17° 8	16°19	22°24	22°53	24° 0	11° 8	12°45	29°32	7°58	15° 0	15°28	28°31	27°59	S 26
S 27	8 36 16	10°32'32	29°11	18°10	22° 2	23°37	24° 9	11° 5	12°48	29°31	7°58	14°59	15°25	28°37	28° 1	S 27
M28	8 40 13	11°33'02	11♑25	20° 2	21°43	24°20	24°17	11° 1	12°52	29°31	7°57	14°59	15°21	28°44	28° 4	M28
T 29	8 44 9	12°33'31	23°52	21°54	21°26	25° 4	24°25	10°57	12°55	29°31	7°56	14°58	15°18	28°51	28° 7	T 29
W30	8 48 6	13°33'59	6♒33	23°45	21°11	25°48	24°34	10°53	12°58	29°31	7°55	14°58	15°15	28°58	28° 9	W30
T 31	8 52 2	14♒34'24	19♒29	25♒36	20♑59	26♐32	24♈43	10♍49	13♒ 2	29♉30	7♎55	14♒58	15♒12	29♏ 4	28♓12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s50	25s17	2s35	24s56	1s23	15s 1	4n10	21s15	0s 1	7n21	1s11	9n 3	2n12	18s 8	0s40	18n41	1s37	12n36	17n15	16s24	15s55	24s15	1n46	3n12
W 2	22 44	22 16	1 33	24 58	1 28	14 51	4 25	21 24	0 2	7 22	1 10	9 4	2 12	18 7	0 40	18 40	1 37	12 37	17 16	16 25	15 56	24 16	1 46	3 11
T 3	22 37	18 10	0 26	24 59	1 32	14 41	4 40	21 32	0 2	7 24	1 10	9 5	2 12	18 6	0 40	18 40	1 37	12 37	17 17	16 25	15 57	24 18	1 47	3 11
F 4	22 29	13 11	0n44	24 58	1 36	14 32	4 55	21 40	0 3	7 26	1 10	9 5	2 12	18 5	0 40	18 40	1 37	12 37	17 17	16 25	15 58	24 20	1 47	3 11
S 5	22 21	7 32	1 53	24 55	1 40	14 24	5 9	21 48	0 4	7 28	1 9	9 6	2 13	18 5	0 40	18 40	1 37	12 38	17 18	16 25	15 59	24 21	1 48	3 11
S 6	22 12	1 29	2 58	24 51	1 44	14 16	5 24	21 56	0 5	7 30	1 9	9 7	2 13	18 4	0 40	18 40	1 37	12 38	17 18	16 25	16 0	24 22	1 48	3 10
M 7	22 3	4n44	3 53	24 45	1 48	14 9	5 38	22 3	0 5	7 32	1 9	9 8	2 13	18 3	0 40	18 39	1 37	12 39	17 19	16 24	16 0	24 24	1 49	3 10
T 8	21 54	10 51	4 37	24 38	1 51	14 2	5 51	22 11	0 6	7 34	1 8	9 9	2 13	18 2	0 40	18 39	1 37	12 40	17 19	16 24	16 1	24 25	1 49	3 10
W 9	21 44	16 32	5 5	24 29	1 54	13 57	6 5	22 18	0 7	7 37	1 8	9 10	2 14	18 1	0 40	18 39	1 37	12 40	17 20	16 24	16 2	24 27	1 50	3 10
T 10	21 34	21 26	5 15	24 19	1 56	13 52	6 17	22 25	0 8	7 39	1 8	9 12	2 14	18 0	0 40	18 39	1 37	12 41	17 21	16 24	16 3	24 28	1 50	3 10
F 11	21 24	25 8	5 5	24 6	1 58	13 47	6 29	22 31	0 8	7 41	1 8	9 13	2 14	17 59	0 40	18 39	1 37	12 41	17 21	16 25	16 4	24 30	1 51	3 9
S 12	21 13	27 12	4 35	23 53	2 0	13 44	6 41	22 38	0 9	7 44	1 7	9 14	2 14	17 58	0 40	18 39	1 36	12 42	17 22	16 26	16 5	24 31	1 52	3 9
S 13	21 1	27 24	3 48	23 37	2 1	13 41	6 52	22 44	0 10	7 46	1 7	9 15	2 15	17 57	0 40	18 39	1 36	12 42	17 22	16 26	16 6	24 33	1 52	3 9
M14	20 49	25 40	2 45	23 20	2 2	13 38	7 2	22 50	0 11	7 49	1 7	9 16	2 15	17 56	0 40	18 39	1 36	12 43	17 23	16 27	16 7	24 34	1 53	3 9
T 15	20 37	22 16	1 33	23 1	2 3	13 37	7 11	22 56	0 11	7 51	1 6	9 18	2 15	17 55	0 40	18 38	1 36	12 44	17 23	16 28	16 8	24 36	1 54	3 8
W16	20 25	17 35	0 16	22 40	2 3	13 36	7 19	23 1	0 12	7 54	1 6	9 19	2 15	17 54	0 40	18 38	1 36	12 44	17 24	16 28	16 9	24 37	1 54	3 8
T 17	20 12	12 4	1s 0	22 18	2 3	13 35	7 26	23 7	0 13	7 57	1 6	9 20	2 16	17 53	0 40	18 38	1 36	12 45	17 25	16 28	16 10	24 38	1 55	3 8
F 18	19 58	6 9	2 10	21 53	2 2	13 36	7 33	23 12	0 14	8 0	1 6	9 21	2 16	17 52	0 40	18 38	1 36	12 46	17 25	16 27	16 11	24 40	1 56	3 8
S 19	19 45	0 8	3 12	21 27	2 1	13 36	7 39	23 17	0 15	8 2	1 5	9 23	2 16	17 51	0 40	18 38	1 36	12 46	17 26	16 27	16 12	24 41	1 56	3 8
S 20	19 31	5s42	4 3	21 0	1 59	13 38	7 43	23 22	0 15	8 5	1 5	9 24	2 16	17 50	0 40	18 38	1 36	12 47	17 26	16 27	16 13	24 43	1 57	3 7
M21	19 16	11 10	4 41	20 30	1 57	13 40	7 47	23 26	0 16	8 8	1 5	9 26	2 17	17 49	0 40	18 38	1 36	12 48	17 27	16 27	16 14	24 44	1 58	3 7
T 22	19 2	16 7	5 5	19 59	1 54	13 42	7 50	23 30	0 17	8 11	1 4	9 27	2 17	17 48	0 40	18 38	1 36	12 48	17 27	16 26	16 15	24 45	1 59	3 7
W23	18 47	20 22	5 16	19 26	1 51	13 45	7 52	23 34	0 18	8 14	1 4	9 29	2 17	17 47	0 40	18 38	1 36	12 49	17 28	16 26	16 16	24 47	2 0	3 7
T 24	18 31	23 47	5 13	18 51	1 47	13 48	7 53	23 38	0 19	8 17	1 4	9 30	2 17	17 46	0 40	18 38	1 36	12 50	17 28	16 26	16 17	24 48	2 0	3 7
F 25	18 15	26 11	4 57	18 14	1 42	13 52	7 54	23 42	0 20	8 21	1 4	9 32	2 17	17 45	0 40	18 38	1 36	12 50	17 29	16 27	16 18	24 50	2 1	3 7
S 26	17 59	27 26	4 28	17 36	1 37	13 56	7 53	23 45	0 20	8 24	1 3	9 33	2 18	17 44	0 40	18 38	1 36	12 51	17 29	16 27	16 19	24 51	2 2	3 6
S 27	17 43	27 23	3 47	16 56	1 32	14 1	7 52	23 48	0 21	8 27	1 3	9 35	2 18	17 43	0 40	18 38	1 36	12 52	17 30	16 27	16 20	24 52	2 3	3 6
M28	17 26	26 1	2 55	16 15	1 25	14 6	7 51	23 51	0 22	8 30	1 3	9 37	2 18	17 42	0 40	18 38	1 36	12 53	17 30	16 27	16 20	24 54	2 4	3 6
T 29	17 9	23 21	1 54	15 32	1 18	14 11	7 48	23 54	0 23	8 34	1 3	9 38	2 18	17 41	0 40	18 38	1 36	12 53	17 31	16 27	16 21	24 55	2 5	3 6
W30	16 52	19 31	0 47	14 48	1 10	14 16	7 45	23 56	0 24	8 37	1 2	9 40	2 18	17 40	0 40	18 38	1 35	12 54	17 31	16 27	16 22	24 56	2 6	3 6
T 31	16s34	14s41	0n25	14s 3	1s 2	14s21	7n41	23s58	0s25	8n40	1s 2	9n41	2n19	17s39	0s40	18n38	1s35	12n55	17n32	16s27	16s23	24s58	2n 7	3n 5

Julian Day Number = 1992438.5, Delta T = 54m25s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'49, Lahiri = 6°20'49 Julian Calendar 1 Jan. 743 == Greg. Calendar 5 Jan. 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

FEBRUARY 743 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 55 59	15♒34'48	2♓41	27♒26	20°R49	27♐16	24♈51	10°R45	13♒ 5	29°R30	7°R54	14°R58	15♒ 9	29♏11	28♓15	F 1
S 2	8 59 55	16°35'10	16° 6	29°15	20♑42	28° 0	25° 0	10♍41	13° 9	29♉30	7♎53	14♒58	15° 6	29°18	28°18	S 2
S 3	9 3 52	17°35'30	29°44	1♓ 2	20°37	28°44	25° 9	10°37	13°12	29°30	7°52	14°58	15° 2	29°24	28°21	S 3
M 4	9 7 48	18°35'48	13♈33	2°47	20°D35	29°28	25°19	10°33	13°16	29°30	7°51	14°57	14°59	29°31	28°24	M 4
T 5	9 11 45	19°36'04	27°31	4°31	20°35	0♑12	25°28	10°29	13°19	29°D30	7°50	14°57	14°56	29°38	28°27	T 5
W 6	9 15 42	20°36'18	11♉37	6°11	20°38	0°56	25°37	10°24	13°23	29°30	7°49	14°57	14°53	29°45	28°30	W 6
T 7	9 19 38	21°36'30	25°48	7°48	20°43	1°40	25°47	10°20	13°26	29°30	7°48	14°D57	14°50	29°51	28°33	T 7
F 8	9 23 35	22°36'40	10♊ 1	9°21	20°50	2°24	25°57	10°16	13°30	29°30	7°47	14°57	14°47	29°58	28°36	F 8
S 9	9 27 31	23°36'47	24°16	10°49	20°59	3° 8	26° 6	10°11	13°33	29°30	7°46	14°58	14°43	0♐ 5	28°39	S 9
S 10	9 31 28	24°36'52	8♋28	12°13	21°11	3°52	26°16	10° 7	13°36	29°30	7°45	14°58	14°40	0°12	28°42	S 10
M11	9 35 24	25°36'56	22°35	13°31	21°24	4°37	26°26	10° 2	13°40	29°30	7°44	14°59	14°37	0°18	28°45	M11
T 12	9 39 21	26°36'57	6♌33	14°42	21°40	5°21	26°37	9°58	13°43	29°31	7°43	15° 0	14°34	0°25	28°48	T 12
W13	9 43 17	27°36'56	20°19	15°47	21°58	6° 5	26°47	9°53	13°47	29°31	7°42	15°R 0	14°31	0°32	28°51	W13
T 14	9 47 14	28°36'53	3♍51	16°45	22°18	6°49	26°57	9°49	13°50	29°31	7°40	14°59	14°27	0°38	28°55	T 14
F 15	9 51 11	29°36'47	17° 6	17°34	22°39	7°33	27° 8	9°44	13°53	29°32	7°39	14°58	14°24	0°45	28°58	F 15
S 16	9 55 7	0♓36'40	0♎ 3	18°16	23° 3	8°18	27°18	9°40	13°57	29°32	7°38	14°56	14°21	0°52	29° 1	S 16
S 17	9 59 4	1°36'32	12°43	18°50	23°28	9° 2	27°29	9°35	14° 0	29°32	7°37	14°53	14°18	0°59	29° 4	S 17
M18	10 3 0	2°36'21	25° 7	19°15	23°54	9°46	27°40	9°30	14° 3	29°33	7°35	14°51	14°15	1° 5	29° 8	M18
T 19	10 6 57	3°36'09	7♏17	19°31	24°23	10°31	27°51	9°26	14° 7	29°33	7°34	14°48	14°12	1°12	29°11	T 19
W20	10 10 53	4°35'54	19°17	19°R39	24°53	11°15	28° 2	9°21	14°10	29°34	7°33	14°47	14° 8	1°19	29°14	W20
T 21	10 14 50	5°35'38	1♐11	19°38	25°24	11°59	28°13	9°16	14°13	29°34	7°31	14°D46	14° 5	1°25	29°18	T 21
F 22	10 18 46	6°35'21	13° 3	19°28	25°57	12°44	28°24	9°12	14°17	29°35	7°30	14°46	14° 2	1°32	29°21	F 22
S 23	10 22 43	7°35'01	24°59	19°11	26°32	13°28	28°35	9° 7	14°20	29°35	7°29	14°47	13°59	1°39	29°25	S 23
S 24	10 26 40	8°34'40	7♑ 3	18°46	27° 7	14°13	28°47	9° 2	14°23	29°36	7°27	14°48	13°56	1°46	29°28	S 24
M25	10 30 36	9°34'17	19°19	18°15	27°44	14°57	28°58	8°57	14°26	29°37	7°26	14°50	13°52	1°52	29°31	M25
T 26	10 34 33	10°33'52	1♒52	17°37	28°22	15°42	29°10	8°53	14°30	29°37	7°24	14°52	13°49	1°59	29°35	T 26
W27	10 38 29	11°33'25	14°44	16°54	29° 2	16°26	29°21	8°48	14°33	29°38	7°23	14°R52	13°46	2° 6	29°38	W27
T 28	10 42 26	12♓32'56	27♒57	16♓ 7	29♑42	17♑11	29♈33	8♍43	14♒36	29♉39	7♎21	14♒51	13♒43	2♐12	29♓42	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	16s17	9s 5	1n37	13s16	0s53	14s27	7n37	24s 0	0s25	8n44	1s 2	9n43	2n19	17s38	0s40	18n38	1s35	12n56	17n32	16s27	16s24	24s59	2n 8	3n 5	
S 2	15 58	3 0	2 44	12 29	0 43	14 33	7 32	24 2	0 26	8 47	1 2	9 45	2 19	17 37	0 40	18 38	1 35	12 56	17 33	16 27	16 25	25 0	2 9	3 5	
S 3	15 40	3n18	3 44	11 41	0 33	14 39	7 27	24 3	0 27	8 51	1 1	9 47	2 19	17 36	0 40	18 38	1 35	12 57	17 33	16 27	16 26	25 1	2 10	3 5	
M 4	15 21	9 32	4 31	10 53	0 21	14 45	7 21	24 4	0 28	8 55	1 1	9 48	2 19	17 35	0 40	18 38	1 35	12 58	17 34	16 28	16 27	25 3	2 11	3 5	
T 5	15 2	15 21	5 2	10 4	0 10	14 51	7 15	24 5	0 29	8 58	1 1	9 50	2 19	17 35	0 40	18 38	1 35	12 59	17 34	16 28	16 28	25 4	2 12	3 5	
W 6	14 43	20 26	5 16	9 16	0n 3	14 57	7 9	24 6	0 30	9 2	1 1	9 52	2 20	17 34	0 40	18 38	1 35	12 59	17 35	16 28	16 29	25 5	2 13	3 4	
T 7	14 24	24 22	5 11	8 28	0 16	15 3	7 2	24 6	0 31	9 6	1 0	9 54	2 20	17 33	0 40	18 38	1 35	13 0	17 35	16 28	16 30	25 7	2 14	3 4	
F 8	14 4	26 50	4 47	7 40	0 29	15 8	6 55	24 6	0 31	9 9	1 0	9 56	2 20	17 32	0 40	18 38	1 35	13 1	17 36	16 28	16 31	25 8	2 15	3 4	
S 9	13 44	27 34	4 5	6 54	0 43	15 14	6 48	24 6	0 32	9 13	1 0	9 57	2 20	17 31	0 40	18 38	1 35	13 2	17 36	16 28	16 32	25 9	2 16	3 4	
S 10	13 24	26 28	3 9	6 9	0 57	15 20	6 40	24 6	0 33	9 17	1 0	9 59	2 20	17 30	0 40	18 38	1 35	13 3	17 36	16 27	16 33	25 10	2 17	3 4	
M11	13 4	23 41	2 1	5 26	1 11	15 26	6 32	24 5	0 34	9 21	0 59	10 1	2 20	17 29	0 40	18 39	1 35	13 3	17 37	16 27	16 34	25 12	2 18	3 4	
T 12	12 44	19 31	0 47	4 45	1 25	15 31	6 24	24 5	0 35	9 25	0 59	10 3	2 20	17 28	0 40	18 39	1 35	13 4	17 37	16 27	16 35	25 13	2 20	3 4	
W13	12 23	14 21	0s29	4 7	1 40	15 36	6 16	24 4	0 36	9 29	0 59	10 5	2 20	17 27	0 40	18 39	1 35	13 5	17 38	16 27	16 35	25 14	2 21	3 3	
T 14	12 2	8 35	1 42	3 31	1 54	15 41	6 8	24 2	0 37	9 33	0 59	10 6	2 21	17 26	0 40	18 39	1 35	13 6	17 38	16 27	16 36	25 15	2 22	3 3	
F 15	11 41	2 33	2 48	2 59	2 8	15 46	6 0	24 1	0 38	9 37	0 59	10 8	2 21	17 25	0 40	18 39	1 34	13 7	17 38	16 27	16 37	25 16	2 23	3 3	
S 16	11 20	3s26	3 44	2 30	2 21	15 51	5 52	23 59	0 39	9 41	0 58	10 10	2 21	17 24	0 40	18 39	1 34	13 8	17 39	16 28	16 38	25 18	2 24	3 3	
S 17	10 59	9 9	4 27	2 5	2 34	15 55	5 43	23 57	0 40	9 45	0 58	10 12	2 21	17 23	0 40	18 39	1 34	13 8	17 39	16 29	16 39	25 19	2 25	3 3	
M18	10 37	14 23	4 57	1 44	2 46	15 59	5 35	23 55	0 40	9 49	0 58	10 14	2 21	17 22	0 40	18 39	1 34	13 9	17 39	16 30	16 40	25 20	2 27	3 3	
T 19	10 15	18 57	5 12	1 27	2 58	16 2	5 26	23 52	0 41	9 53	0 58	10 16	2 21	17 21	0 40	18 40	1 34	13 10	17 40	16 30	16 41	25 21	2 28	3 3	
W20	9 53	22 42	5 14	1 15	3 8	16 6	5 17	23 50	0 42	9 57	0 57	10 18	2 21	17 20	0 40	18 40	1 34	13 11	17 40	16 31	16 42	25 22	2 29	3 2	
T 21	9 31	25 28	5 2	1 7	3 17	16 9	5 9	23 46	0 43	10 1	0 57	10 20	2 21	17 19	0 40	18 40	1 34	13 12	17 40	16 31	16 43	25 24	2 30	3 2	
F 22	9 9	27 7	4 38	1 4	3 25	16 11	5 0	23 43	0 44	10 5	0 57	10 21	2 21	17 18	0 40	18 40	1 34	13 13	17 41	16 31	16 44	25 25	2 31	3 2	
S 23	8 47	27 31	4 1	1 5	3 31	16 13	4 52	23 40	0 45	10 10	0 57	10 23	2 21	17 17	0 40	18 40	1 34	13 13	17 41	16 31	16 45	25 26	2 33	3 2	
S 24	8 25	26 38	3 13	1 10	3 36	16 15	4 43	23 36	0 46	10 14	0 57	10 25	2 21	17 16	0 40	18 40	1 34	13 14	17 41	16 30	16 46	25 27	2 34	3 2	
M25	8 2	24 26	2 16	1 20	3 38	16 16	4 34	23 32	0 47	10 18	0 56	10 27	2 22	17 15	0 40	18 41	1 34	13 15	17 42	16 30	16 47	25 28	2 35	3 2	
T 26	7 39	21 2	1 11	1 34	3 39	16 17	4 26	23 28	0 48	10 22	0 56	10 29	2 22	17 14	0 40	18 41	1 34	13 16	17 42	16 29	16 47	25 29	2 37	3 2	
W27	7 17	16 32	0 1	1 51	3 39	16 18	4 17	23 23	0 49	10 27	0 56	10 31	2 22	17 13	0 40	18 41	1 34	13 17	17 42	16 29	16 48	25 30	2 38	3 2	
T 28	6s54	11s 9	1n11	2s12	3n36	16s18	4n 9	23s19	0s50	10n31	0s56	10n32	2n22	17s12	0s40	18n41	1s34	13n17	17n43	16s29	16s49	25s31	2n39	3n 2	

Julian Day Number = 1992469.5, Delta T = 54m24s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'53, Lahiri = 6°20'54 Julian Calendar 1 Feb. 743 == Greg. Calendar 5 Feb. 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

MARCH 743 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 46 22	13♓32'25	11♓30	15°R17	0♒24	17♑55	29♈45	8°R39	14♒39	29♉39	7°R20	14°R49	13♒40	2♐19	29♓45	F 1
S 2	10 50 19	14°31'52	25°22	14♓25	1° 6	18°40	29°57	8♍34	14°42	29°40	7♎18	14♒46	13°37	2°26	29°49	S 2
S 3	10 54 15	15°31'17	9♈29	13°32	1°50	19°24	0♉ 9	8°29	14°45	29°41	7°17	14°42	13°33	2°33	29°52	S 3
M 4	10 58 12	16°30'40	23°46	12°39	2°34	20° 9	0°21	8°24	14°48	29°42	7°15	14°37	13°30	2°39	29°56	M 4
T 5	11 2 8	17°30'00	8♉ 9	11°47	3°20	20°53	0°33	8°20	14°51	29°43	7°14	14°32	13°27	2°46	29°59	T 5
W 6	11 6 5	18°29'18	22°32	10°58	4° 6	21°38	0°45	8°15	14°54	29°44	7°12	14°28	13°24	2°53	0♈ 3	W 6
T 7	11 10 2	19°28'34	6♊50	10°12	4°53	22°22	0°57	8°11	14°57	29°45	7°11	14°26	13°21	2°59	0° 7	T 7
F 8	11 13 58	20°27'47	21° 2	9°29	5°41	23° 7	1° 9	8° 6	15° 0	29°46	7° 9	14°D26	13°18	3° 6	0°10	F 8
S 9	11 17 55	21°26'58	5♋ 5	8°51	6°30	23°52	1°22	8° 1	15° 3	29°47	7° 7	14°26	13°14	3°13	0°14	S 9
S 10	11 21 51	22°26'07	18°57	8°18	7°19	24°36	1°34	7°57	15° 6	29°48	7° 6	14°28	13°11	3°20	0°17	S 10
M11	11 25 48	23°25'13	2♌39	7°50	8° 9	25°21	1°47	7°53	15° 9	29°49	7° 4	14°29	13° 8	3°26	0°21	M11
T 12	11 29 44	24°24'16	16°10	7°27	9° 0	26° 5	1°59	7°48	15°12	29°50	7° 3	14°R29	13° 5	3°33	0°25	T 12
W13	11 33 41	25°23'18	29°30	7°10	9°52	26°50	2°12	7°44	15°15	29°51	7° 1	14°28	13° 2	3°40	0°28	W13
T 14	11 37 37	26°22'17	12♍38	6°58	10°44	27°35	2°25	7°39	15°18	29°52	6°59	14°25	12°58	3°46	0°32	T 14
F 15	11 41 34	27°21'14	25°35	6°52	11°37	28°19	2°37	7°35	15°21	29°54	6°58	14°20	12°55	3°53	0°35	F 15
S 16	11 45 31	28°20'09	8♎18	6°D52	12°30	29° 4	2°50	7°31	15°23	29°55	6°56	14°13	12°52	4° 0	0°39	S 16
S 17	11 49 27	29°19'02	20°49	6°57	13°24	29°49	3° 3	7°27	15°26	29°56	6°54	14° 5	12°49	4° 7	0°43	S 17
M18	11 53 24	0♈17'53	3♏ 7	7° 7	14°19	0♒33	3°16	7°22	15°29	29°58	6°53	13°57	12°46	4°13	0°46	M18
T 19	11 57 20	1°16'42	15°14	7°22	15°14	1°18	3°29	7°18	15°31	29°59	6°51	13°49	12°43	4°20	0°50	T 19
W20	12 1 17	2°15'29	27°13	7°42	16° 9	2° 3	3°42	7°14	15°34	0♊ 0	6°49	13°42	12°39	4°27	0°53	W20
T 21	12 5 13	3°14'15	9♐ 6	8° 7	17° 6	2°47	3°55	7°10	15°37	0° 2	6°48	13°37	12°36	4°33	0°57	T 21
F 22	12 9 10	4°12'58	20°58	8°36	18° 2	3°32	4° 8	7° 6	15°39	0° 3	6°46	13°34	12°33	4°40	1° 1	F 22
S 23	12 13 6	5°11'40	2♑52	9° 9	18°59	4°17	4°22	7° 2	15°42	0° 4	6°44	13°D32	12°30	4°47	1° 4	S 23
S 24	12 17 3	6°10'21	14°54	9°46	19°57	5° 1	4°35	6°59	15°44	0° 6	6°43	13°33	12°27	4°54	1° 8	S 24
M25	12 21 0	7° 8'59	27°10	10°28	20°55	5°46	4°48	6°55	15°47	0° 7	6°41	13°34	12°24	5° 0	1°12	M25
T 26	12 24 56	8° 7'36	9♒43	11°12	21°53	6°31	5° 1	6°51	15°49	0° 9	6°39	13°R35	12°20	5° 7	1°15	T 26
W27	12 28 53	9° 6'11	22°38	12° 1	22°52	7°15	5°15	6°47	15°52	0°10	6°37	13°34	12°17	5°14	1°19	W27
T 28	12 32 49	10° 4'44	5♓59	12°52	23°51	8° 0	5°28	6°44	15°54	0°12	6°36	13°32	12°14	5°20	1°22	T 28
F 29	12 36 46	11° 3'15	19°45	13°47	24°50	8°45	5°42	6°40	15°56	0°14	6°34	13°27	12°11	5°27	1°26	F 29
S 30	12 40 42	12° 1'44	3♈56	14°45	25°50	9°30	5°55	6°37	15°59	0°15	6°32	13°21	12° 8	5°34	1°29	S 30
S 31	12 44 39	13♈ 0'12	18♈27	15♓46	26♒50	10♒14	6♉ 9	6♍34	16♒ 1	0♊17	6♎31	13♒12	12♒ 4	5♐41	1♈33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s31	5s 8	2n21	2s36	3n31	16s18	4n 0	23s14	0s51	10n35	0s56	10n34	2n22	17s12	0s40	18n42	1s34	13n18	17n43	16s30	16s50	25s33	2n40	3n 1
S 2	6 8	1n15	3 24	3 2	3 25	16 17	3 52	23 9	0 51	10 40	0 56	10 36	2 22	17 11	0 40	18 42	1 34	13 19	17 43	16 31	16 51	25 34	2 42	3 1
S 3	5 45	7 41	4 15	3 30	3 16	16 16	3 43	23 3	0 52	10 44	0 55	10 38	2 22	17 10	0 40	18 42	1 34	13 20	17 43	16 32	16 52	25 35	2 43	3 1
M 4	5 22	13 47	4 51	3 59	3 7	16 14	3 35	22 58	0 53	10 49	0 55	10 40	2 22	17 9	0 40	18 42	1 33	13 21	17 44	16 34	16 53	25 36	2 44	3 1
T 5	4 58	19 12	5 10	4 29	2 56	16 12	3 27	22 52	0 54	10 53	0 55	10 41	2 22	17 8	0 40	18 42	1 33	13 22	17 44	16 35	16 54	25 37	2 46	3 1
W 6	4 35	23 30	5 8	4 59	2 43	16 9	3 19	22 46	0 55	10 57	0 55	10 43	2 22	17 7	0 40	18 43	1 33	13 22	17 44	16 36	16 55	25 38	2 47	3 1
T 7	4 12	26 20	4 48	5 29	2 30	16 6	3 10	22 39	0 56	11 2	0 55	10 45	2 22	17 6	0 40	18 43	1 33	13 23	17 44	16 37	16 56	25 39	2 48	3 1
F 8	3 48	27 28	4 10	5 58	2 16	16 2	3 2	22 33	0 57	11 6	0 54	10 47	2 22	17 5	0 40	18 43	1 33	13 24	17 44	16 37	16 57	25 40	2 50	3 1
S 9	3 25	26 48	3 18	6 26	2 1	15 58	2 54	22 26	0 58	11 11	0 54	10 48	2 22	17 4	0 40	18 44	1 33	13 25	17 45	16 37	16 58	25 41	2 51	3 1
S 10	3 1	24 28	2 14	6 53	1 46	15 53	2 46	22 19	0 59	11 15	0 54	10 50	2 22	17 4	0 41	18 44	1 33	13 25	17 45	16 36	16 58	25 42	2 52	3 1
M11	2 38	20 44	1 4	7 18	1 30	15 48	2 39	22 12	1 0	11 20	0 54	10 52	2 22	17 3	0 41	18 44	1 33	13 26	17 45	16 36	16 59	25 43	2 54	3 1
T 12	2 14	15 57	0s 9	7 41	1 14	15 42	2 31	22 4	1 1	11 24	0 54	10 53	2 22	17 2	0 41	18 44	1 33	13 27	17 45	16 36	17 0	25 44	2 55	3 1
W13	1 51	10 28	1 21	8 2	0 59	15 36	2 23	21 57	1 2	11 29	0 54	10 55	2 22	17 1	0 41	18 45	1 33	13 28	17 45	16 36	17 1	25 45	2 57	3 0
T 14	1 27	4 36	2 26	8 21	0 43	15 29	2 16	21 49	1 3	11 33	0 53	10 57	2 22	17 0	0 41	18 45	1 33	13 29	17 45	16 37	17 2	25 46	2 58	3 0
F 15	1 4	1s21	3 24	8 37	0 28	15 22	2 8	21 41	1 4	11 38	0 53	10 58	2 22	17 0	0 41	18 45	1 33	13 29	17 45	16 38	17 3	25 47	2 59	3 0
S 16	0 40	7 8	4 10	8 51	0 13	15 14	2 1	21 32	1 5	11 43	0 53	11 0	2 22	16 59	0 41	18 46	1 33	13 30	17 45	16 41	17 4	25 48	3 1	3 0
S 17	0 16	12 32	4 43	9 2	0s 1	15 6	1 53	21 24	1 6	11 47	0 53	11 1	2 22	16 58	0 41	18 46	1 33	13 31	17 46	16 43	17 5	25 49	3 2	3 0
M18	0n 7	17 21	5 2	9 11	0 15	14 57	1 46	21 15	1 7	11 52	0 53	11 3	2 22	16 57	0 41	18 46	1 33	13 31	17 46	16 45	17 6	25 50	3 4	3 0
T 19	0 31	21 24	5 7	9 18	0 28	14 48	1 39	21 6	1 8	11 56	0 53	11 4	2 22	16 56	0 41	18 47	1 33	13 32	17 46	16 48	17 7	25 51	3 5	3 0
W20	0 54	24 31	4 59	9 23	0 41	14 38	1 32	20 57	1 9	12 1	0 53	11 6	2 21	16 56	0 41	18 47	1 33	13 33	17 46	16 50	17 8	25 52	3 6	3 0
T 21	1 18	26 32	4 38	9 25	0 53	14 28	1 25	20 48	1 9	12 5	0 52	11 7	2 21	16 55	0 41	18 47	1 33	13 34	17 46	16 51	17 8	25 53	3 8	3 0
F 22	1 41	27 22	4 5	9 24	1 5	14 17	1 18	20 38	1 10	12 10	0 52	11 9	2 21	16 54	0 41	18 48	1 32	13 34	17 46	16 52	17 9	25 54	3 9	3 0
S 23	2 5	26 55	3 21	9 22	1 16	14 6	1 12	20 29	1 11	12 15	0 52	11 10	2 21	16 53	0 41	18 48	1 32	13 35	17 46	16 52	17 10	25 55	3 11	3 0
S 24	2 28	25 13	2 28	9 17	1 26	13 54	1 5	20 19	1 12	12 19	0 52	11 12	2 21	16 53	0 41	18 48	1 32	13 36	17 46	16 52	17 11	25 56	3 12	3 0
M25	2 51	22 18	1 27	9 11	1 36	13 42	0 58	20 8	1 13	12 24	0 52	11 13	2 21	16 52	0 41	18 49	1 32	13 36	17 46	16 52	17 12	25 57	3 13	3 0
T 26	3 15	18 16	0 21	9 2	1 45	13 29	0 52	19 58	1 14	12 28	0 52	11 14	2 21	16 51	0 41	18 49	1 32	13 37	17 46	16 52	17 13	25 58	3 15	3 0
W27	3 38	13 18	0n48	8 51	1 54	13 16	0 46	19 48	1 15	12 33	0 52	11 15	2 21	16 51	0 41	18 49	1 32	13 38	17 46	16 52	17 14	25 59	3 16	3 0
T 28	4 1	7 34	1 57	8 38	2 1	13 2	0 40	19 37	1 16	12 38	0 51	11 17	2 21	16 50	0 41	18 50	1 32	13 38	17 46	16 52	17 15	26 0	3 18	3 0
F 29	4 24	1 19	3 1	8 24	2 8	12 48	0 33	19 26	1 17	12 42	0 51	11 18	2 21	16 49	0 41	18 50	1 32	13 39	17 46	16 54	17 16	26 1	3 19	3 0
S 30	4 47	5n10	3 55	8 7	2 15	12 34	0 27	19 15	1 18	12 47	0 51	11 19	2 21	16 49	0 41	18 51	1 32	13 39	17 46	16 56	17 17	26 1	3 20	3 0
S 31	5n10	11n32	4n36	7s49	2s21	12s19	0n22	19s 4	1s19	12n51	0s51	11n20	2n21	16s48	0s41	18n51	1s32	13n40	17n46	16s58	17s17	26s 2	3n22	3n 0

Julian Day Number = 1992497.5, Delta T = 54m24s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°13'57, Lahiri = 6°20'57 Julian Calendar 1 March 743 == Greg. Calendar 5 March 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

APRIL 743 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 48 35	13♈58'38	3♉12	16♓49	27♒51	10♒59	6♉22	6°R30	16♒ 3	0♊18	6°R29	13°R 3	12♒ 1	5♐47	1♈37	M 1
T 2	12 52 32	14°57'01	18° 2	17°55	28°52	11°44	6°36	6♍27	16° 5	0°20	6♎27	12♒53	11°58	5°54	1°40	T 2
W 3	12 56 28	15°55'23	2♊48	19° 4	29°53	12°28	6°49	6°24	16° 7	0°22	6°26	12°46	11°55	6° 1	1°44	W 3
T 4	13 0 25	16°53'43	17°25	20°15	0♓54	13°13	7° 3	6°21	16°10	0°23	6°24	12°40	11°52	6° 7	1°47	T 4
F 5	13 4 22	17°52'00	1♋46	21°29	1°56	13°57	7°17	6°18	16°12	0°25	6°22	12°37	11°49	6°14	1°51	F 5
S 6	13 8 18	18°50'16	15°50	22°45	2°58	14°42	7°31	6°15	16°14	0°27	6°21	12°D36	11°45	6°21	1°54	S 6
S 7	13 12 15	19°48'29	29°35	24° 3	4° 0	15°27	7°44	6°12	16°16	0°29	6°19	12°36	11°42	6°28	1°58	S 7
M 8	13 16 11	20°46'40	13♌ 4	25°23	5° 3	16°11	7°58	6°10	16°18	0°31	6°17	12°R37	11°39	6°34	2° 1	M 8
T 9	13 20 8	21°44'49	26°17	26°45	6° 5	16°56	8°12	6° 7	16°19	0°32	6°16	12°36	11°36	6°41	2° 5	T 9
W10	13 24 4	22°42'56	9♍17	28°10	7° 8	17°40	8°26	6° 5	16°21	0°34	6°14	12°33	11°33	6°48	2° 8	W10
T 11	13 28 1	23°41'01	22° 4	29°37	8°12	18°25	8°40	6° 2	16°23	0°36	6°13	12°28	11°29	6°54	2°12	T 11
F 12	13 31 57	24°39'04	4♎41	1♈ 5	9°15	19° 9	8°53	6° 0	16°25	0°38	6°11	12°19	11°26	7° 1	2°15	F 12
S 13	13 35 54	25°37'05	17° 8	2°36	10°19	19°54	9° 7	5°58	16°27	0°40	6° 9	12° 9	11°23	7° 8	2°18	S 13
S 14	13 39 51	26°35'05	29°26	4° 9	11°23	20°38	9°21	5°55	16°28	0°42	6° 8	11°56	11°20	7°15	2°22	S 14
M15	13 43 47	27°33'03	11♏35	5°43	12°27	21°23	9°35	5°53	16°30	0°44	6° 6	11°43	11°17	7°21	2°25	M15
T 16	13 47 44	28°31'00	23°37	7°20	13°31	22° 7	9°49	5°51	16°31	0°46	6° 5	11°30	11°14	7°28	2°28	T 16
W17	13 51 40	29°28'55	5♐32	8°59	14°36	22°52	10° 3	5°50	16°33	0°48	6° 3	11°19	11°10	7°35	2°32	W17
T 18	13 55 37	0♉26'48	17°23	10°40	15°40	23°36	10°17	5°48	16°35	0°50	6° 2	11°10	11° 7	7°41	2°35	T 18
F 19	13 59 33	1°24'40	29°13	12°22	16°45	24°20	10°31	5°46	16°36	0°52	6° 0	11° 4	11° 4	7°48	2°38	F 19
S 20	14 3 30	2°22'31	11♑ 7	14° 7	17°50	25° 5	10°45	5°45	16°37	0°54	5°59	11° 0	11° 1	7°55	2°42	S 20
S 21	14 7 26	3°20'21	23° 7	15°53	18°56	25°49	10°59	5°43	16°39	0°56	5°57	10°58	10°58	8° 1	2°45	S 21
M22	14 11 23	4°18'09	5♒20	17°42	20° 1	26°33	11°13	5°42	16°40	0°58	5°56	10°58	10°55	8° 8	2°48	M22
T 23	14 15 20	5°15'56	17°51	19°33	21° 7	27°18	11°27	5°40	16°41	1° 0	5°54	10°58	10°51	8°15	2°51	T 23
W24	14 19 16	6°13'42	0♓44	21°25	22°13	28° 2	11°41	5°39	16°43	1° 2	5°53	10°57	10°48	8°22	2°54	W24
T 25	14 23 13	7°11'26	14° 4	23°20	23°19	28°46	11°55	5°38	16°44	1° 4	5°52	10°54	10°45	8°28	2°58	T 25
F 26	14 27 9	8° 9'10	27°53	25°16	24°25	29°30	12° 9	5°37	16°45	1° 6	5°50	10°49	10°42	8°35	3° 1	F 26
S 27	14 31 6	9° 6'52	12♈10	27°14	25°31	0♓14	12°23	5°36	16°46	1° 8	5°49	10°41	10°39	8°42	3° 4	S 27
S 28	14 35 2	10° 4'33	26°53	29°15	26°37	0°58	12°37	5°35	16°47	1°10	5°48	10°31	10°35	8°48	3° 7	S 28
M29	14 38 59	11° 2'13	11♉54	1♉17	27°44	1°42	12°51	5°35	16°48	1°12	5°46	10°20	10°32	8°55	3°10	M29
T 30	14 42 55	11♉59'51	27♉ 4	3♉21	28♓51	2♓27	13♉ 5	5♍34	16♒49	1♊14	5♎45	10♒ 9	10♒29	9♐ 2	3♈13	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n33	17n20	4n59	7s29	2s26	12s 3	0n16	18s52	1s20	12n56	0s51	11n21	2n20	16s47	0s41	18n51	1s32	13n41	17n46	17s 1	17s18	26s 3	3n23	3n 0
T 2	5 56	22 9	5 2	7 7	2 31	11 47	0 10	18 41	1 21	13 1	0 51	11 23	2 20	16 47	0 41	18 52	1 32	13 41	17 46	17 4	17 19	26 4	3 25	3 0
W 3	6 18	25 32	4 45	6 43	2 35	11 31	0 5	18 29	1 22	13 5	0 51	11 24	2 20	16 46	0 41	18 52	1 32	13 42	17 45	17 6	17 20	26 5	3 26	3 0
T 4	6 41	27 9	4 10	6 18	2 38	11 14	0s 1	18 17	1 23	13 10	0 51	11 25	2 20	16 45	0 41	18 53	1 32	13 42	17 45	17 7	17 21	26 6	3 27	2 59
F 5	7 3	26 55	3 19	5 52	2 41	10 57	0 6	18 5	1 24	13 15	0 50	11 26	2 20	16 45	0 41	18 53	1 32	13 43	17 45	17 8	17 22	26 7	3 29	2 59
S 6	7 26	24 56	2 17	5 23	2 43	10 40	0 11	17 53	1 25	13 19	0 50	11 27	2 20	16 44	0 41	18 53	1 32	13 43	17 45	17 8	17 23	26 7	3 30	2 59
S 7	7 48	21 30	1 9	4 54	2 44	10 22	0 16	17 41	1 26	13 24	0 50	11 27	2 20	16 44	0 41	18 54	1 32	13 44	17 45	17 8	17 24	26 8	3 32	2 59
M 8	8 10	16 58	0s 2	4 22	2 45	10 3	0 21	17 28	1 26	13 28	0 50	11 28	2 20	16 43	0 41	18 54	1 32	13 44	17 45	17 8	17 25	26 9	3 33	2 59
T 9	8 32	11 43	1 12	3 50	2 46	9 45	0 26	17 15	1 27	13 33	0 50	11 29	2 20	16 43	0 41	18 55	1 32	13 45	17 45	17 9	17 25	26 10	3 34	2 59
W10	8 54	6 2	2 17	3 16	2 46	9 26	0 31	17 3	1 28	13 37	0 50	11 30	2 19	16 42	0 41	18 55	1 32	13 45	17 45	17 9	17 26	26 11	3 36	2 59
T 11	9 15	0 13	3 13	2 40	2 45	9 6	0 36	16 50	1 29	13 42	0 50	11 31	2 19	16 42	0 41	18 55	1 32	13 46	17 44	17 11	17 27	26 12	3 37	2 59
F 12	9 37	5s31	3 59	2 4	2 43	8 46	0 40	16 36	1 30	13 47	0 50	11 32	2 19	16 41	0 41	18 56	1 32	13 46	17 44	17 13	17 28	26 12	3 38	2 59
S 13	9 58	10 58	4 33	1 26	2 41	8 26	0 44	16 23	1 31	13 51	0 50	11 32	2 19	16 41	0 42	18 56	1 32	13 47	17 44	17 16	17 29	26 13	3 40	2 59
S 14	10 19	15 55	4 53	0 46	2 39	8 6	0 49	16 10	1 32	13 56	0 49	11 33	2 19	16 40	0 42	18 57	1 31	13 47	17 44	17 20	17 30	26 14	3 41	2 59
M15	10 40	20 10	5 0	0 6	2 36	7 45	0 53	15 56	1 33	14 0	0 49	11 34	2 19	16 40	0 42	18 57	1 31	13 48	17 44	17 23	17 31	26 15	3 43	2 59
T 16	11 1	23 32	4 54	0n36	2 32	7 24	0 57	15 43	1 34	14 5	0 49	11 34	2 19	16 39	0 42	18 58	1 31	13 48	17 43	17 27	17 32	26 15	3 44	2 59
W17	11 22	25 52	4 35	1 19	2 28	7 2	1 1	15 29	1 35	14 9	0 49	11 35	2 18	16 39	0 42	18 58	1 31	13 48	17 43	17 30	17 32	26 16	3 45	2 59
T 18	11 42	27 2	4 3	2 3	2 23	6 41	1 5	15 15	1 36	14 14	0 49	11 35	2 18	16 38	0 42	18 58	1 31	13 49	17 43	17 33	17 33	26 17	3 47	2 59
F 19	12 3	26 58	3 22	2 48	2 18	6 19	1 8	15 1	1 37	14 18	0 49	11 36	2 18	16 38	0 42	18 59	1 31	13 49	17 43	17 34	17 34	26 18	3 48	3 0
S 20	12 23	25 38	2 31	3 34	2 12	5 56	1 12	14 47	1 37	14 23	0 49	11 36	2 18	16 38	0 42	18 59	1 31	13 49	17 42	17 35	17 35	26 18	3 49	3 0
S 21	12 43	23 8	1 33	4 21	2 6	5 34	1 15	14 32	1 38	14 27	0 49	11 37	2 18	16 37	0 42	19 0	1 31	13 50	17 42	17 36	17 36	26 19	3 51	3 0
M22	13 2	19 33	0 30	5 9	1 59	5 11	1 19	14 18	1 39	14 32	0 49	11 37	2 18	16 37	0 42	19 0	1 31	13 50	17 42	17 36	17 37	26 20	3 52	3 0
T 23	13 22	15 1	0n36	5 58	1 52	4 48	1 22	14 4	1 40	14 36	0 49	11 37	2 17	16 36	0 42	19 1	1 31	13 50	17 41	17 36	17 38	26 21	3 53	3 0
W24	13 41	9 42	1 43	6 48	1 44	4 25	1 25	13 49	1 41	14 41	0 48	11 37	2 17	16 36	0 42	19 1	1 31	13 51	17 41	17 36	17 39	26 21	3 54	3 0
T 25	14 0	3 46	2 45	7 38	1 36	4 1	1 28	13 34	1 42	14 45	0 48	11 38	2 17	16 36	0 42	19 2	1 31	13 51	17 41	17 37	17 39	26 22	3 56	3 0
F 26	14 19	2n31	3 41	8 29	1 28	3 37	1 31	13 19	1 43	14 49	0 48	11 38	2 17	16 35	0 42	19 2	1 31	13 51	17 41	17 38	17 40	26 23	3 57	3 0
S 27	14 38	8 54	4 24	9 20	1 19	3 14	1 34	13 5	1 44	14 54	0 48	11 38	2 17	16 35	0 42	19 2	1 31	13 51	17 40	17 41	17 41	26 23	3 58	3 0
S 28	14 56	14 58	4 52	10 12	1 9	2 49	1 36	12 50	1 44	14 58	0 48	11 38	2 17	16 35	0 42	19 3	1 31	13 52	17 40	17 43	17 42	26 24	3 59	3 0
M29	15 14	20 16	5 0	11 4	1 0	2 25	1 39	12 35	1 45	15 2	0 48	11 38	2 16	16 35	0 42	19 3	1 31	13 52	17 40	17 46	17 43	26 25	4 1	3 0
T 30	15n32	24n18	4n47	11n56	0s50	2s 1	1s41	12s19	1s46	15n 7	0s48	11n38	2n16	16s34	0s42	19n 4	1s31	13n52	17n39	17s49	17s44	26s25	4n 2	3n 0

Julian Day Number = 1992528.5, Delta T = 54m23s
Ecliptic obliquity = 23°36'13, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'01, Lahiri = 6°21'02 Julian Calendar 1 Apr. 743 == Greg. Calendar 5 Apr. 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

MAY 743 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 46 52	12♉57'29	12♊11	5♉26	29♓57	3♓10	13♉20	5°R34	16♒50	1♊17	5°R44	9°R59	10♒26	9♐ 9	3♈16	W 1
T 2	14 50 49	13°55'05	27° 7	7°33	1♈ 4	3°54	13°34	5♍33	16°51	1°19	5♎42	9♒52	10°23	9°15	3°19	T 2
F 3	14 54 45	14°52'39	11♋44	9°41	2°11	4°38	13°48	5°33	16°52	1°21	5°41	9°48	10°20	9°22	3°22	F 3
S 4	14 58 42	15°50'12	25°58	11°50	3°19	5°22	14° 2	5°33	16°52	1°23	5°40	9°46	10°16	9°29	3°25	S 4
S 5	15 2 38	16°47'43	9♌47	14° 1	4°26	6° 6	14°16	5°D33	16°53	1°25	5°39	9°46	10°13	9°35	3°27	S 5
M 6	15 6 35	17°45'13	23°14	16°12	5°33	6°50	14°30	5°33	16°54	1°27	5°38	9°46	10°10	9°42	3°30	M 6
T 7	15 10 31	18°42'42	6♍20	18°23	6°41	7°33	14°44	5°33	16°54	1°30	5°37	9°45	10° 7	9°49	3°33	T 7
W 8	15 14 28	19°40'09	19° 9	20°35	7°48	8°17	14°58	5°33	16°55	1°32	5°36	9°42	10° 4	9°55	3°36	W 8
T 9	15 18 24	20°37'35	1♎43	22°47	8°56	9° 1	15°12	5°34	16°55	1°34	5°34	9°37	10° 1	10° 2	3°38	T 9
F 10	15 22 21	21°34'59	14° 6	24°58	10° 4	9°44	15°26	5°34	16°56	1°36	5°33	9°29	9°57	10° 9	3°41	F 10
S 11	15 26 18	22°32'22	26°20	27° 9	11°12	10°28	15°40	5°35	16°56	1°38	5°32	9°18	9°54	10°16	3°44	S 11
S 12	15 30 14	23°29'45	8♏26	29°19	12°20	11°11	15°54	5°35	16°57	1°41	5°31	9° 6	9°51	10°22	3°46	S 12
M13	15 34 11	24°27'06	20°26	1♊28	13°28	11°54	16° 8	5°36	16°57	1°43	5°30	8°52	9°48	10°29	3°49	M13
T 14	15 38 7	25°24'27	2♐22	3°36	14°36	12°38	16°22	5°37	16°57	1°45	5°29	8°40	9°45	10°36	3°51	T 14
W15	15 42 4	26°21'46	14°14	5°42	15°45	13°21	16°36	5°38	16°58	1°47	5°29	8°28	9°41	10°42	3°54	W15
T 16	15 46 0	27°19'05	26° 4	7°47	16°53	14° 4	16°50	5°39	16°58	1°50	5°28	8°19	9°38	10°49	3°56	T 16
F 17	15 49 57	28°16'23	7♑55	9°49	18° 2	14°47	17° 4	5°40	16°58	1°52	5°27	8°13	9°35	10°56	3°59	F 17
S 18	15 53 54	29°13'41	19°49	11°50	19°10	15°30	17°17	5°41	16°58	1°54	5°26	8° 9	9°32	11° 3	4° 1	S 18
S 19	15 57 50	0♊10'58	1♒51	13°48	20°19	16°13	17°31	5°43	16°R58	1°56	5°25	8° 7	9°29	11° 9	4° 4	S 19
M20	16 1 47	1° 8'14	14° 4	15°45	21°28	16°56	17°45	5°44	16°58	1°58	5°24	8°D 7	9°26	11°16	4° 6	M20
T 21	16 5 43	2° 5'30	26°34	17°39	22°37	17°39	17°59	5°46	16°58	2° 1	5°24	8°R 8	9°22	11°23	4° 8	T 21
W22	16 9 40	3° 2'46	9♓24	19°30	23°46	18°22	18°13	5°47	16°58	2° 3	5°23	8° 8	9°19	11°29	4°10	W22
T 23	16 13 36	4° 0'01	22°40	21°20	24°55	19° 5	18°27	5°49	16°58	2° 5	5°22	8° 6	9°16	11°36	4°13	T 23
F 24	16 17 33	4°57'16	6♈24	23° 7	26° 4	19°48	18°40	5°51	16°57	2° 7	5°22	8° 3	9°13	11°43	4°15	F 24
S 25	16 21 29	5°54'31	20°37	24°51	27°13	20°30	18°54	5°53	16°57	2°10	5°21	7°57	9°10	11°49	4°17	S 25
S 26	16 25 26	6°51'45	5♉17	26°34	28°23	21°13	19° 8	5°55	16°57	2°12	5°20	7°49	9° 7	11°56	4°19	S 26
M27	16 29 23	7°48'59	20°19	28°13	29°32	21°55	19°21	5°57	16°56	2°14	5°20	7°41	9° 3	12° 3	4°21	M27
T 28	16 33 19	8°46'13	5♊34	29°51	0♉42	22°37	19°35	5°59	16°56	2°16	5°19	7°32	9° 0	12°10	4°23	T 28
W29	16 37 16	9°43'26	20°50	1♋25	1°51	23°20	19°49	6° 2	16°56	2°19	5°19	7°24	8°57	12°16	4°25	W29
T 30	16 41 12	10°40'39	5♋58	2°58	3° 1	24° 2	20° 2	6° 4	16°55	2°21	5°18	7°19	8°54	12°23	4°27	T 30
F 31	16 45 9	11♊37'51	20♋48	4♋28	4♉10	24♓44	20♉16	6♍ 7	16♒55	2♊23	5♎18	7♒16	8♒51	12♐30	4♈29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n50	26n37	4n15	12n48	0s40	1s36	1s44	12s 4	1s47	15n11	0s48	11n38	2n16	16s34	0s42	19n 4	1s31	13n52	17n39	17s52	17s45	26s26	4n 3	3n 0
T 2	16 7	26 59	3 25	13 40	0 29	1 11	1 46	11 49	1 48	15 15	0 48	11 38	2 16	16 34	0 42	19 5	1 31	13 52	17 38	17 54	17 46	26 27	4 4	3 0
F 3	16 25	25 27	2 22	14 31	0 19	0 46	1 48	11 33	1 49	15 20	0 48	11 38	2 16	16 34	0 42	19 5	1 31	13 52	17 38	17 55	17 46	26 27	4 6	3 0
S 4	16 42	22 17	1 12	15 22	0 8	0 21	1 50	11 18	1 49	15 24	0 48	11 38	2 15	16 33	0 42	19 6	1 31	13 53	17 38	17 55	17 47	26 28	4 7	3 0
S 5	16 58	17 55	0s 0	16 12	0n 3	0n 4	1 52	11 2	1 50	15 28	0 48	11 38	2 15	16 33	0 42	19 6	1 31	13 53	17 37	17 56	17 48	26 28	4 8	3 0
M 6	17 14	12 45	1 11	17 0	0 13	0 29	1 54	10 47	1 51	15 33	0 47	11 38	2 15	16 33	0 42	19 7	1 31	13 53	17 37	17 56	17 49	26 29	4 9	3 0
T 7	17 31	7 9	2 16	17 48	0 24	0 54	1 55	10 31	1 52	15 37	0 47	11 38	2 15	16 33	0 42	19 7	1 31	13 53	17 37	17 56	17 50	26 30	4 10	3 0
W 8	17 46	1 23	3 12	18 34	0 34	1 20	1 57	10 16	1 53	15 41	0 47	11 37	2 15	16 33	0 42	19 8	1 31	13 53	17 36	17 57	17 51	26 30	4 12	3 0
T 9	18 2	4s19	3 58	19 18	0 44	1 45	1 58	10 0	1 53	15 45	0 47	11 37	2 15	16 33	0 43	19 8	1 31	13 53	17 36	17 58	17 52	26 31	4 13	3 0
F 10	18 17	9 46	4 32	20 0	0 53	2 11	2 0	9 44	1 54	15 49	0 47	11 37	2 14	16 33	0 43	19 8	1 31	13 53	17 35	18 0	17 52	26 31	4 14	3 0
S 11	18 32	14 46	4 53	20 40	1 2	2 37	2 1	9 28	1 55	15 53	0 47	11 36	2 14	16 33	0 43	19 9	1 31	13 53	17 35	18 3	17 53	26 32	4 15	3 0
S 12	18 46	19 9	5 0	21 18	1 11	3 2	2 2	9 12	1 56	15 58	0 47	11 36	2 14	16 32	0 43	19 9	1 31	13 53	17 34	18 6	17 54	26 33	4 16	3 1
M13	19 1	22 42	4 55	21 54	1 19	3 28	2 3	8 56	1 57	16 2	0 47	11 36	2 14	16 32	0 43	19 10	1 31	13 53	17 34	18 10	17 55	26 33	4 17	3 1
T 14	19 15	25 17	4 36	22 26	1 27	3 54	2 4	8 40	1 57	16 6	0 47	11 35	2 14	16 32	0 43	19 10	1 31	13 53	17 33	18 13	17 56	26 34	4 18	3 1
W15	19 28	26 43	4 5	22 57	1 34	4 19	2 5	8 24	1 58	16 10	0 47	11 35	2 13	16 32	0 43	19 11	1 31	13 53	17 33	18 16	17 57	26 34	4 19	3 1
T 16	19 42	26 56	3 24	23 24	1 40	4 45	2 5	8 8	1 59	16 14	0 47	11 34	2 13	16 32	0 43	19 11	1 31	13 53	17 33	18 18	17 58	26 35	4 20	3 1
F 17	19 55	25 55	2 33	23 49	1 46	5 11	2 6	7 52	2 0	16 18	0 47	11 33	2 13	16 32	0 43	19 12	1 31	13 53	17 32	18 20	17 58	26 35	4 21	3 1
S 18	20 7	23 42	1 36	24 11	1 51	5 37	2 6	7 36	2 0	16 22	0 47	11 33	2 13	16 32	0 43	19 12	1 31	13 52	17 32	18 21	17 59	26 36	4 22	3 1
S 19	20 20	20 25	0 33	24 31	1 55	6 2	2 7	7 20	2 1	16 26	0 47	11 32	2 13	16 32	0 43	19 13	1 31	13 52	17 31	18 22	18 0	26 36	4 23	3 1
M20	20 32	16 13	0n32	24 48	1 59	6 28	2 7	7 3	2 2	16 30	0 47	11 31	2 13	16 32	0 43	19 13	1 31	13 52	17 31	18 22	18 1	26 37	4 24	3 1
T 21	20 43	11 14	1 37	25 2	2 1	6 53	2 7	6 47	2 2	16 34	0 47	11 31	2 12	16 32	0 43	19 13	1 31	13 52	17 30	18 21	18 2	26 37	4 25	3 1
W22	20 55	5 39	2 39	25 14	2 3	7 19	2 7	6 31	2 3	16 38	0 47	11 30	2 12	16 32	0 43	19 14	1 31	13 52	17 30	18 22	18 3	26 38	4 26	3 1
T 23	21 6	0n21	3 34	25 23	2 5	7 44	2 7	6 15	2 4	16 41	0 46	11 29	2 12	16 33	0 43	19 14	1 31	13 52	17 29	18 22	18 4	26 38	4 27	3 1
F 24	21 16	6 31	4 19	25 30	2 5	8 10	2 7	5 58	2 4	16 45	0 46	11 28	2 12	16 33	0 43	19 15	1 31	13 51	17 29	18 23	18 4	26 39	4 28	3 1
S 25	21 26	12 35	4 51	25 35	2 5	8 35	2 7	5 42	2 5	16 49	0 46	11 27	2 12	16 33	0 43	19 15	1 31	13 51	17 28	18 24	18 5	26 39	4 29	3 1
S 26	21 36	18 8	5 4	25 38	2 4	9 0	2 7	5 26	2 6	16 53	0 46	11 26	2 11	16 33	0 43	19 16	1 31	13 51	17 28	18 26	18 6	26 40	4 30	3 2
M27	21 46	22 43	4 57	25 38	2 2	9 25	2 6	5 10	2 6	16 57	0 46	11 25	2 11	16 33	0 43	19 16	1 31	13 51	17 27	18 29	18 7	26 40	4 31	3 2
T 28	21 55	25 47	4 29	25 36	2 0	9 50	2 6	4 53	2 7	17 0	0 46	11 24	2 11	16 33	0 43	19 17	1 31	13 50	17 27	18 31	18 8	26 41	4 32	3 2
W29	22 4	26 58	3 42	25 33	1 57	10 14	2 5	4 37	2 8	17 4	0 46	11 23	2 11	16 33	0 43	19 17	1 31	13 50	17 26	18 33	18 9	26 41	4 33	3 2
T 30	22 12	26 7	2 39	25 28	1 54	10 39	2 5	4 21	2 8	17 8	0 46	11 22	2 11	16 34	0 43	19 18	1 31	13 50	17 25	18 34	18 9	26 41	4 33	3 2
F 31	22n20	23n25	1n27	25n21	1n49	11n 3	2s 4	4s 5	2s 9	17n11	0s46	11n21	2n11	16s34	0s43	19n18	1s31	13n50	17n25	18s35	18s10	26s42	4n34	3n 2

Julian Day Number = 1992558.5, Delta T = 54m22s
Ecliptic obliquity = 23°36'12, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'05, Lahiri = 6°21'06 Julian Calendar 1 May 743 == Greg. Calendar 5 May 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

JUNE 743 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 49 5	12♊35'03	5♌14	5♋55	5♉20	25♓26	20♉29	6♍ 9	16°R54	2♊25	5°R18	7°D15	8♒47	12♐36	4♈30	S 1
S 2	16 53 2	13°32'14	19°13	7°20	6°30	26° 8	20°43	6°12	16♒53	2°28	5♎17	7♒15	8°44	12°43	4°32	S 2
M 3	16 56 58	14°29'25	2♍45	8°42	7°40	26°49	20°56	6°15	16°53	2°30	5°17	7°16	8°41	12°50	4°34	M 3
T 4	17 0 55	15°26'35	15°53	10° 1	8°50	27°31	21° 9	6°18	16°52	2°32	5°17	7°R16	8°38	12°56	4°35	T 4
W 5	17 4 52	16°23'44	28°40	11°18	10° 0	28°13	21°23	6°21	16°51	2°34	5°16	7°16	8°35	13° 3	4°37	W 5
T 6	17 8 48	17°20'53	11♎ 9	12°32	11°10	28°54	21°36	6°24	16°50	2°36	5°16	7°13	8°32	13°10	4°39	T 6
F 7	17 12 45	18°18'02	23°25	13°44	12°20	29°36	21°49	6°27	16°49	2°38	5°16	7° 8	8°28	13°17	4°40	F 7
S 8	17 16 41	19°15'10	5♏31	14°52	13°30	0♈17	22° 3	6°30	16°49	2°41	5°16	7° 2	8°25	13°23	4°42	S 8
S 9	17 20 38	20°12'18	17°30	15°58	14°40	0°58	22°16	6°33	16°48	2°43	5°16	6°54	8°22	13°30	4°43	S 9
M10	17 24 34	21° 9'26	29°24	17° 0	15°51	1°39	22°29	6°37	16°47	2°45	5°16	6°45	8°19	13°37	4°44	M10
T 11	17 28 31	22° 6'34	11♐16	18° 0	17° 1	2°20	22°42	6°40	16°46	2°47	5°15	6°37	8°16	13°43	4°46	T 11
W12	17 32 27	23° 3'42	23° 7	18°56	18°12	3° 1	22°55	6°44	16°45	2°49	5°D15	6°30	8°13	13°50	4°47	W12
T 13	17 36 24	24° 0'50	4♑59	19°49	19°22	3°41	23° 8	6°48	16°43	2°51	5°15	6°24	8° 9	13°57	4°48	T 13
F 14	17 40 21	24°57'58	16°54	20°39	20°33	4°22	23°21	6°51	16°42	2°53	5°15	6°20	8° 6	14° 3	4°49	F 14
S 15	17 44 17	25°55'06	28°55	21°25	21°43	5° 3	23°34	6°55	16°41	2°56	5°16	6°18	8° 3	14°10	4°50	S 15
S 16	17 48 14	26°52'15	11♒ 3	22° 8	22°54	5°43	23°46	6°59	16°40	2°58	5°16	6°D18	8° 0	14°17	4°51	S 16
M17	17 52 10	27°49'24	23°22	22°46	24° 5	6°23	23°59	7° 3	16°38	3° 0	5°16	6°19	7°57	14°24	4°52	M17
T 18	17 56 7	28°46'33	5♓56	23°21	25°16	7° 3	24°12	7° 7	16°37	3° 2	5°16	6°21	7°53	14°30	4°53	T 18
W19	18 0 3	29°43'42	18°48	23°52	26°26	7°43	24°25	7°11	16°36	3° 4	5°16	6°22	7°50	14°37	4°54	W19
T 20	18 4 0	0♋40'53	2♈ 2	24°18	27°37	8°23	24°37	7°16	16°34	3° 6	5°16	6°R22	7°47	14°44	4°55	T 20
F 21	18 7 56	1°38'04	15°40	24°40	28°48	9° 3	24°50	7°20	16°33	3° 8	5°17	6°21	7°44	14°50	4°56	F 21
S 22	18 11 53	2°35'15	29°43	24°58	29°59	9°42	25° 2	7°24	16°31	3°10	5°17	6°19	7°41	14°57	4°57	S 22
S 23	18 15 50	3°32'27	14♉12	25°11	1♊11	10°22	25°15	7°29	16°30	3°12	5°17	6°16	7°38	15° 4	4°57	S 23
M24	18 19 46	4°29'41	29° 1	25°20	2°22	11° 1	25°27	7°33	16°28	3°14	5°18	6°11	7°34	15°10	4°58	M24
T 25	18 23 43	5°26'54	14♊ 5	25°R23	3°33	11°40	25°39	7°38	16°27	3°16	5°18	6° 7	7°31	15°17	4°59	T 25
W26	18 27 39	6°24'09	29°15	25°22	4°44	12°19	25°51	7°43	16°25	3°18	5°19	6° 3	7°28	15°24	4°59	W26
T 27	18 31 36	7°21'24	14♋20	25°16	5°56	12°58	26° 3	7°47	16°23	3°20	5°19	6° 1	7°25	15°30	5° 0	T 27
F 28	18 35 32	8°18'39	29°12	25° 5	7° 7	13°36	26°16	7°52	16°22	3°22	5°20	6°D 0	7°22	15°37	5° 0	F 28
S 29	18 39 29	9°15'55	13♌44	24°49	8°19	14°15	26°28	7°57	16°20	3°24	5°20	6° 0	7°19	15°44	5° 1	S 29
S 30	18 43 26	10♋13'11	27♌51	24♋29	9♊30	14♈53	26♉39	8♍ 2	16♒18	3♊26	5♎21	6♒ 1	7♒15	15♐51	5♈ 1	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n28	19n16	0n11	25n12	1n44	11n27	2s 3	3s49	2s10	17n15	0s46	11n20	2n10	16s34	0s43	19n18	1s31	13n49	17n24	18s35	18s11	26s42	4n35	3n 2
S 2	22 35	14 9	1s 4	25 2	1 39	11 51	2 2	3 32	2 10	17 19	0 46	11 19	2 10	16 34	0 43	19 19	1 31	13 49	17 24	18 35	18 12	26 43	4 36	3 2
M 3	22 42	8 30	2 13	24 51	1 32	12 15	2 2	3 16	2 11	17 22	0 46	11 18	2 10	16 34	0 43	19 19	1 31	13 48	17 23	18 35	18 13	26 43	4 37	3 2
T 4	22 48	2 39	3 12	24 39	1 26	12 38	2 0	3 0	2 11	17 26	0 46	11 16	2 10	16 35	0 44	19 20	1 31	13 48	17 23	18 35	18 14	26 43	4 37	3 2
W 5	22 54	3s 8	4 1	24 25	1 18	13 1	1 59	2 44	2 12	17 29	0 46	11 15	2 10	16 35	0 44	19 20	1 31	13 48	17 22	18 35	18 14	26 44	4 38	3 3
T 6	23 0	8 40	4 36	24 10	1 10	13 24	1 58	2 28	2 13	17 33	0 46	11 14	2 10	16 35	0 44	19 21	1 31	13 47	17 22	18 36	18 15	26 44	4 39	3 3
F 7	23 5	13 46	4 59	23 55	1 1	13 47	1 57	2 12	2 13	17 36	0 46	11 12	2 9	16 36	0 44	19 21	1 31	13 47	17 21	18 37	18 16	26 45	4 40	3 3
S 8	23 10	18 16	5 7	23 38	0 52	14 10	1 56	1 56	2 14	17 40	0 46	11 11	2 9	16 36	0 44	19 21	1 31	13 46	17 20	18 39	18 17	26 45	4 40	3 3
S 9	23 14	21 59	5 2	23 21	0 43	14 32	1 54	1 40	2 14	17 43	0 46	11 10	2 9	16 36	0 44	19 22	1 31	13 46	17 20	18 41	18 18	26 45	4 41	3 3
M10	23 18	24 47	4 44	23 3	0 32	14 54	1 53	1 24	2 15	17 47	0 46	11 8	2 9	16 37	0 44	19 22	1 31	13 45	17 19	18 43	18 19	26 46	4 41	3 3
T 11	23 22	26 28	4 13	22 44	0 22	15 15	1 51	1 8	2 15	17 50	0 46	11 7	2 9	16 37	0 44	19 23	1 31	13 45	17 19	18 45	18 19	26 46	4 42	3 3
W12	23 25	26 57	3 32	22 26	0 10	15 37	1 50	0 52	2 16	17 53	0 46	11 5	2 9	16 37	0 44	19 23	1 31	13 44	17 18	18 47	18 20	26 46	4 43	3 3
T 13	23 28	26 12	2 41	22 6	0s 1	15 58	1 48	0 36	2 16	17 57	0 46	11 4	2 8	16 38	0 44	19 23	1 31	13 44	17 18	18 48	18 21	26 47	4 43	3 3
F 14	23 30	24 14	1 43	21 47	0 13	16 18	1 46	0 20	2 17	18 0	0 46	11 2	2 8	16 38	0 44	19 24	1 31	13 43	17 17	18 49	18 22	26 47	4 44	3 3
S 15	23 32	21 10	0 40	21 27	0 26	16 38	1 44	0 5	2 17	18 3	0 46	11 1	2 8	16 38	0 44	19 24	1 31	13 43	17 16	18 50	18 23	26 47	4 44	3 4
S 16	23 34	17 10	0n26	21 8	0 39	16 58	1 42	0n11	2 18	18 6	0 46	10 59	2 8	16 39	0 44	19 25	1 31	13 42	17 16	18 50	18 24	26 48	4 45	3 4
M17	23 35	12 23	1 32	20 48	0 52	17 18	1 41	0 27	2 18	18 10	0 46	10 57	2 8	16 39	0 44	19 25	1 31	13 42	17 15	18 49	18 24	26 48	4 45	3 4
T 18	23 36	7 0	2 34	20 29	1 6	17 37	1 39	0 42	2 18	18 13	0 46	10 56	2 8	16 40	0 44	19 25	1 31	13 41	17 15	18 49	18 25	26 48	4 46	3 4
W19	23 36	1 14	3 31	20 10	1 20	17 56	1 37	0 58	2 19	18 16	0 46	10 54	2 7	16 40	0 44	19 26	1 31	13 40	17 14	18 49	18 26	26 48	4 46	3 4
T 20	23 36	4n45	4 18	19 51	1 34	18 14	1 34	1 13	2 19	18 19	0 46	10 52	2 7	16 41	0 44	19 26	1 31	13 40	17 14	18 48	18 27	26 49	4 47	3 4
F 21	23 36	10 41	4 52	19 33	1 49	18 32	1 32	1 28	2 20	18 22	0 46	10 50	2 7	16 41	0 44	19 26	1 31	13 39	17 13	18 49	18 28	26 49	4 47	3 4
S 22	23 35	16 16	5 10	19 16	2 3	18 49	1 30	1 44	2 20	18 25	0 46	10 49	2 7	16 42	0 44	19 27	1 31	13 39	17 12	18 49	18 29	26 49	4 48	3 4
S 23	23 33	21 7	5 9	18 59	2 18	19 6	1 28	1 59	2 20	18 28	0 46	10 47	2 7	16 42	0 44	19 27	1 31	13 38	17 12	18 50	18 29	26 49	4 48	3 4
M24	23 32	24 45	4 48	18 43	2 32	19 23	1 26	2 14	2 21	18 31	0 46	10 45	2 7	16 43	0 44	19 28	1 31	13 37	17 11	18 51	18 30	26 50	4 48	3 5
T 25	23 29	26 44	4 7	18 29	2 47	19 39	1 23	2 29	2 21	18 34	0 46	10 43	2 7	16 43	0 44	19 28	1 31	13 37	17 11	18 52	18 31	26 50	4 49	3 5
W26	23 27	26 44	3 8	18 15	3 1	19 54	1 21	2 44	2 22	18 37	0 46	10 41	2 6	16 44	0 44	19 28	1 31	13 36	17 10	18 53	18 32	26 50	4 49	3 5
T 27	23 24	24 45	1 56	18 2	3 15	20 9	1 19	2 59	2 22	18 40	0 46	10 39	2 6	16 44	0 44	19 29	1 31	13 35	17 10	18 54	18 33	26 50	4 49	3 5
F 28	23 20	21 4	0 37	17 51	3 28	20 24	1 16	3 13	2 22	18 43	0 46	10 37	2 6	16 45	0 44	19 29	1 31	13 34	17 9	18 54	18 33	26 50	4 50	3 5
S 29	23 17	16 8	0s42	17 41	3 41	20 38	1 14	3 28	2 22	18 45	0 46	10 35	2 6	16 45	0 44	19 29	1 31	13 34	17 8	18 54	18 34	26 51	4 50	3 5
S 30	23n12	10n28	1s57	17n32	3s54	20n51	1s11	3n43	2s23	18n48	0s46	10n33	2n 6	16s46	0s44	19n30	1s31	13n33	17n 8	18s54	18s35	26s51	4n50	3n 5

Julian Day Number = 1992589.5, Delta T = 54m21s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'10, Lahiri = 6°21'10 Julian Calendar 1 June 743 == Greg. Calendar 5 June 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

JULY 743 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 47 22	11♋10'27	11♍31	24°R 4	10♊42	15♈31	26♉51	8♍ 7	16°R16	3♊27	5♎21	6♒ 2	7♒12	15♐57	5♈ 1	M 1
T 2	18 51 19	12° 7'44	24°44	23♋35	11°53	16° 9	27° 3	8°12	16♒15	3°29	5°22	6° 3	7° 9	16° 4	5° 1	T 2
W 3	18 55 15	13° 5'01	7♎35	23° 2	13° 5	16°47	27°15	8°18	16°13	3°31	5°23	6°R 4	7° 6	16°11	5° 2	W 3
T 4	18 59 12	14° 2'19	20° 5	22°25	14°17	17°25	27°26	8°23	16°11	3°33	5°23	6° 4	7° 3	16°17	5° 2	T 4
F 5	19 3 8	14°59'37	2♏20	21°46	15°28	18° 2	27°38	8°28	16° 9	3°35	5°24	6° 3	6°59	16°24	5° 2	F 5
S 6	19 7 5	15°56'56	14°23	21° 4	16°40	18°39	27°49	8°34	16° 7	3°36	5°25	6° 1	6°56	16°31	5°R 2	S 6
S 7	19 11 1	16°54'16	26°19	20°20	17°52	19°16	28° 1	8°39	16° 5	3°38	5°26	5°59	6°53	16°37	5° 2	S 7
M 8	19 14 58	17°51'36	8♐10	19°36	19° 4	19°53	28°12	8°44	16° 3	3°40	5°27	5°56	6°50	16°44	5° 2	M 8
T 9	19 18 55	18°48'57	20° 1	18°51	20°16	20°30	28°23	8°50	16° 1	3°42	5°27	5°53	6°47	16°51	5° 2	T 9
W10	19 22 51	19°46'19	1♑54	18° 7	21°28	21° 6	28°34	8°56	15°59	3°43	5°28	5°51	6°44	16°58	5° 1	W10
T 11	19 26 48	20°43'41	13°51	17°25	22°40	21°42	28°45	9° 1	15°57	3°45	5°29	5°49	6°40	17° 4	5° 1	T 11
F 12	19 30 44	21°41'05	25°54	16°45	23°52	22°18	28°56	9° 7	15°55	3°47	5°30	5°48	6°37	17°11	5° 1	F 12
S 13	19 34 41	22°38'29	8♒ 6	16° 8	25° 5	22°54	29° 7	9°13	15°53	3°48	5°31	5°D48	6°34	17°18	5° 0	S 13
S 14	19 38 37	23°35'55	20°27	15°34	26°17	23°30	29°18	9°19	15°51	3°50	5°32	5°48	6°31	17°24	5° 0	S 14
M15	19 42 34	24°33'21	3♓ 0	15° 5	27°29	24° 5	29°28	9°25	15°48	3°51	5°33	5°49	6°28	17°31	4°59	M15
T 16	19 46 30	25°30'49	15°47	14°42	28°41	24°40	29°39	9°31	15°46	3°53	5°34	5°50	6°25	17°38	4°59	T 16
W17	19 50 27	26°28'19	28°48	14°23	29°54	25°15	29°49	9°37	15°44	3°54	5°36	5°51	6°21	17°44	4°58	W17
T 18	19 54 24	27°25'49	12♈ 7	14°11	1♋ 6	25°50	29°59	9°43	15°42	3°56	5°37	5°52	6°18	17°51	4°58	T 18
F 19	19 58 20	28°23'22	25°45	14°D 6	2°19	26°24	0♊10	9°49	15°39	3°57	5°38	5°R52	6°15	17°58	4°57	F 19
S 20	20 2 17	29°20'55	9♉41	14° 7	3°31	26°58	0°20	9°55	15°37	3°59	5°39	5°52	6°12	18° 4	4°56	S 20
S 21	20 6 13	0♌18'31	23°56	14°14	4°44	27°32	0°30	10° 1	15°35	4° 0	5°40	5°51	6° 9	18°11	4°56	S 21
M22	20 10 10	1°16'08	8♊27	14°29	5°57	28° 6	0°40	10° 8	15°33	4° 2	5°42	5°51	6° 5	18°18	4°55	M22
T 23	20 14 6	2°13'46	23°10	14°52	7° 9	28°39	0°50	10°14	15°30	4° 3	5°43	5°51	6° 2	18°24	4°54	T 23
W24	20 18 3	3°11'26	7♋59	15°21	8°22	29°13	1° 0	10°20	15°28	4° 4	5°44	5°50	5°59	18°31	4°53	W24
T 25	20 21 59	4° 9'08	22°48	15°57	9°35	29°45	1° 9	10°27	15°26	4° 6	5°46	5°50	5°56	18°38	4°52	T 25
F 26	20 25 56	5° 6'51	7♌28	16°41	10°48	0♉18	1°19	10°33	15°23	4° 7	5°47	5°D50	5°53	18°45	4°51	F 26
S 27	20 29 53	6° 4'35	21°54	17°31	12° 1	0°50	1°28	10°40	15°21	4° 8	5°49	5°R50	5°50	18°51	4°50	S 27
S 28	20 33 49	7° 2'20	5♍59	18°28	13°14	1°22	1°37	10°46	15°19	4°10	5°50	5°50	5°46	18°58	4°49	S 28
M29	20 37 46	8° 0'07	19°42	19°32	14°27	1°54	1°47	10°53	15°16	4°11	5°51	5°50	5°43	19° 5	4°47	M29
T 30	20 41 42	8°57'55	2♎59	20°42	15°40	2°25	1°56	10°59	15°14	4°12	5°53	5°50	5°40	19°11	4°46	T 30
W31	20 45 39	9♌55'44	15♎54	21♋58	16♋53	2♉56	2♊ 4	11♍ 6	15♒12	4♊13	5♎55	5♒49	5♒37	19♐18	4♈45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 8	4n29	3s 3	17n25	4s 5	21n 4	1s 9	3n57	2s23	18n51	0s46	10n31	2n 6	16s46	0s44	19n30	1s31	13n32	17n 7	18s54	18s36	26s51	4n50	3n 5
T 2	23 3	1s31	3 57	17 20	4 16	21 17	1 6	4 12	2 23	18 54	0 46	10 29	2 6	16 47	0 44	19 30	1 31	13 31	17 7	18 53	18 37	26 51	4 51	3 5
W 3	22 57	7 16	4 37	17 16	4 25	21 29	1 3	4 26	2 24	18 56	0 46	10 27	2 5	16 47	0 44	19 31	1 31	13 31	17 6	18 53	18 37	26 51	4 51	3 6
T 4	22 51	12 34	5 3	17 14	4 33	21 40	1 1	4 40	2 24	18 59	0 46	10 25	2 5	16 48	0 44	19 31	1 31	13 30	17 6	18 53	18 38	26 52	4 51	3 6
F 5	22 45	17 16	5 14	17 14	4 40	21 51	0 58	4 54	2 24	19 2	0 46	10 23	2 5	16 49	0 44	19 31	1 31	13 29	17 5	18 53	18 39	26 52	4 51	3 6
S 6	22 39	21 13	5 11	17 15	4 45	22 1	0 55	5 8	2 24	19 4	0 46	10 21	2 5	16 49	0 44	19 32	1 31	13 28	17 4	18 54	18 40	26 52	4 51	3 6
S 7	22 32	24 14	4 55	17 18	4 48	22 10	0 53	5 22	2 24	19 7	0 46	10 19	2 5	16 50	0 45	19 32	1 31	13 27	17 4	18 54	18 41	26 52	4 51	3 6
M 8	22 24	26 12	4 27	17 23	4 50	22 19	0 50	5 36	2 25	19 9	0 46	10 16	2 5	16 51	0 45	19 32	1 31	13 26	17 3	18 55	18 42	26 52	4 51	3 6
T 9	22 16	26 59	3 47	17 29	4 50	22 27	0 47	5 49	2 25	19 12	0 46	10 14	2 5	16 51	0 45	19 32	1 31	13 26	17 3	18 56	18 42	26 52	4 51	3 6
W10	22 8	26 32	2 57	17 36	4 48	22 35	0 45	6 3	2 25	19 14	0 46	10 12	2 5	16 52	0 45	19 33	1 31	13 25	17 2	18 56	18 43	26 52	4 51	3 6
T 11	22 0	24 50	1 58	17 45	4 45	22 42	0 42	6 16	2 25	19 17	0 46	10 10	2 5	16 52	0 45	19 33	1 31	13 24	17 2	18 57	18 44	26 52	4 51	3 6
F 12	21 51	22 0	0 54	17 55	4 39	22 49	0 39	6 30	2 25	19 19	0 46	10 7	2 4	16 53	0 45	19 33	1 31	13 23	17 1	18 57	18 45	26 53	4 51	3 7
S 13	21 41	18 10	0n13	18 7	4 33	22 54	0 36	6 43	2 25	19 21	0 46	10 5	2 4	16 54	0 45	19 34	1 31	13 22	17 1	18 57	18 46	26 53	4 51	3 7
S 14	21 32	13 30	1 20	18 19	4 24	23 0	0 33	6 56	2 25	19 24	0 46	10 3	2 4	16 54	0 45	19 34	1 31	13 21	17 0	18 57	18 46	26 53	4 51	3 7
M15	21 21	8 13	2 25	18 32	4 14	23 4	0 31	7 9	2 26	19 26	0 46	10 1	2 4	16 55	0 45	19 34	1 31	13 20	16 59	18 57	18 47	26 53	4 51	3 7
T 16	21 11	2 31	3 24	18 46	4 3	23 8	0 28	7 22	2 26	19 28	0 46	9 58	2 4	16 56	0 45	19 34	1 31	13 19	16 59	18 56	18 48	26 53	4 51	3 7
W17	21 0	3n23	4 13	19 1	3 50	23 11	0 25	7 35	2 26	19 30	0 46	9 56	2 4	16 56	0 45	19 35	1 32	13 18	16 58	18 56	18 49	26 53	4 51	3 7
T 18	20 49	9 16	4 50	19 15	3 36	23 14	0 22	7 47	2 26	19 33	0 46	9 53	2 4	16 57	0 45	19 35	1 32	13 18	16 58	18 56	18 50	26 53	4 51	3 7
F 19	20 37	14 51	5 12	19 30	3 22	23 16	0 19	8 0	2 26	19 35	0 46	9 51	2 4	16 58	0 45	19 35	1 32	13 17	16 57	18 56	18 50	26 53	4 50	3 7
S 20	20 26	19 48	5 16	19 45	3 7	23 17	0 17	8 12	2 26	19 37	0 46	9 49	2 4	16 58	0 45	19 35	1 32	13 16	16 57	18 56	18 51	26 53	4 50	3 7
S 21	20 13	23 45	5 1	20 0	2 51	23 17	0 14	8 24	2 26	19 39	0 46	9 46	2 4	16 59	0 45	19 36	1 32	13 15	16 56	18 56	18 52	26 53	4 50	3 7
M22	20 1	26 16	4 27	20 15	2 35	23 17	0 11	8 36	2 26	19 41	0 46	9 44	2 4	17 0	0 45	19 36	1 32	13 14	16 56	18 56	18 53	26 53	4 50	3 8
T 23	19 48	27 1	3 35	20 29	2 18	23 16	0 8	8 48	2 26	19 43	0 46	9 41	2 3	17 1	0 45	19 36	1 32	13 13	16 55	18 56	18 53	26 53	4 50	3 8
W24	19 35	25 50	2 28	20 42	2 1	23 15	0 6	9 0	2 26	19 45	0 46	9 39	2 3	17 1	0 45	19 36	1 32	13 12	16 55	18 56	18 54	26 53	4 49	3 8
T 25	19 21	22 50	1 12	20 55	1 45	23 12	0 3	9 11	2 26	19 47	0 46	9 36	2 3	17 2	0 45	19 36	1 32	13 11	16 54	18 56	18 55	26 53	4 49	3 8
F 26	19 7	18 23	0s 9	21 6	1 28	23 10	0 0	9 23	2 26	19 49	0 46	9 34	2 3	17 3	0 45	19 37	1 32	13 10	16 54	18 56	18 56	26 53	4 49	3 8
S 27	18 53	12 55	1 28	21 16	1 12	23 6	0n 3	9 34	2 25	19 51	0 46	9 31	2 3	17 3	0 45	19 37	1 32	13 9	16 53	18 56	18 57	26 53	4 48	3 8
S 28	18 38	6 54	2 40	21 24	0 56	23 2	0 5	9 46	2 25	19 53	0 46	9 28	2 3	17 4	0 45	19 37	1 32	13 8	16 53	18 57	18 57	26 53	4 48	3 8
M29	18 23	0 44	3 40	21 31	0 40	22 57	0 8	9 57	2 25	19 54	0 46	9 26	2 3	17 5	0 45	19 37	1 32	13 7	16 52	18 57	18 58	26 53	4 48	3 8
T 30	18 8	5s16	4 27	21 35	0 25	22 51	0 11	10 8	2 25	19 56	0 46	9 23	2 3	17 6	0 45	19 37	1 32	13 6	16 52	18 57	18 59	26 53	4 47	3 8
W31	17n53	10s53	4s58	21n38	0s10	22n45	0n13	10n18	2s25	19n58	0s46	9n21	2n 3	17s 6	0s45	19n38	1s32	13n 5	16n51	18s57	19s 0	26s53	4n47	3n 8

Julian Day Number = 1992619.5, Delta T = 54m21s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'14, Lahiri = 6°21'14 Julian Calendar 1 July 743 == Greg. Calendar 5 July 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

AUGUST 743 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 49 35	10♌53'35	28♎27	23♋20	18♋ 6	3♉27	2♊13	11♍13	15°R 9	4♊14	5♎56	5°R49	5♒34	19♐25	4°R44	T 1
F 2	20 53 32	11°51'27	10♏44	24°46	19°20	3°57	2°22	11°20	15♒ 7	4°15	5°58	5°D49	5°31	19°31	4♈42	F 2
S 3	20 57 28	12°49'20	22°47	26°18	20°33	4°27	2°30	11°26	15° 4	4°16	5°59	5♒49	5°27	19°38	4°41	S 3
S 4	21 1 25	13°47'14	4♐42	27°54	21°46	4°57	2°39	11°33	15° 2	4°17	6° 1	5°49	5°24	19°45	4°39	S 4
M 5	21 5 22	14°45'10	16°33	29°34	23° 0	5°26	2°47	11°40	15° 0	4°18	6° 3	5°50	5°21	19°51	4°38	M 5
T 6	21 9 18	15°43'08	28°25	1♌18	24°13	5°55	2°55	11°47	14°57	4°19	6° 4	5°51	5°18	19°58	4°36	T 6
W 7	21 13 15	16°41'07	10♑21	3° 5	25°26	6°24	3° 3	11°54	14°55	4°20	6° 6	5°52	5°15	20° 5	4°35	W 7
T 8	21 17 11	17°39'07	22°24	4°54	26°40	6°52	3°11	12° 1	14°52	4°21	6° 8	5°53	5°11	20°11	4°33	T 8
F 9	21 21 8	18°37'09	4♒37	6°45	27°53	7°20	3°19	12° 8	14°50	4°22	6°10	5°R53	5° 8	20°18	4°31	F 9
S 10	21 25 4	19°35'12	17° 3	8°39	29° 7	7°48	3°26	12°15	14°48	4°23	6°11	5°53	5° 5	20°25	4°30	S 10
S 11	21 29 1	20°33'17	29°42	10°33	0♌21	8°15	3°34	12°22	14°45	4°24	6°13	5°52	5° 2	20°32	4°28	S 11
M12	21 32 57	21°31'24	12♓36	12°28	1°34	8°42	3°41	12°29	14°43	4°25	6°15	5°50	4°59	20°38	4°26	M12
T 13	21 36 54	22°29'33	25°43	14°25	2°48	9° 8	3°48	12°36	14°40	4°25	6°17	5°48	4°56	20°45	4°24	T 13
W14	21 40 51	23°27'44	9♈ 4	16°21	4° 2	9°34	3°55	12°43	14°38	4°26	6°19	5°46	4°52	20°52	4°22	W14
T 15	21 44 47	24°25'56	22°38	18°17	5°16	10° 0	4° 2	12°50	14°36	4°27	6°21	5°43	4°49	20°58	4°20	T 15
F 16	21 48 44	25°24'11	6♉24	20°14	6°29	10°25	4° 9	12°57	14°33	4°28	6°23	5°42	4°46	21° 5	4°18	F 16
S 17	21 52 40	26°22'28	20°22	22°10	7°43	10°49	4°15	13° 5	14°31	4°28	6°24	5°D41	4°43	21°12	4°16	S 17
S 18	21 56 37	27°20'48	4♊29	24° 5	8°57	11°13	4°22	13°12	14°29	4°29	6°26	5°41	4°40	21°18	4°14	S 18
M19	22 0 33	28°19'09	18°44	26° 0	10°11	11°37	4°28	13°19	14°26	4°29	6°28	5°42	4°36	21°25	4°12	M19
T 20	22 4 30	29°17'33	3♋ 5	27°54	11°25	12° 0	4°34	13°26	14°24	4°30	6°30	5°43	4°33	21°32	4°10	T 20
W21	22 8 26	0♍15'59	17°29	29°47	12°39	12°23	4°40	13°34	14°22	4°30	6°32	5°44	4°30	21°38	4° 8	W21
T 22	22 12 23	1°14'27	1♌52	1♍40	13°54	12°45	4°46	13°41	14°20	4°31	6°34	5°R45	4°27	21°45	4° 5	T 22
F 23	22 16 20	2°12'57	16° 9	3°31	15° 8	13° 7	4°51	13°48	14°17	4°31	6°37	5°45	4°24	21°52	4° 3	F 23
S 24	22 20 16	3°11'29	0♍16	5°22	16°22	13°28	4°57	13°55	14°15	4°32	6°39	5°43	4°21	21°58	4° 1	S 24
S 25	22 24 13	4°10'03	14° 9	7°11	17°36	13°48	5° 2	14° 3	14°13	4°32	6°41	5°40	4°17	22° 5	3°59	S 25
M26	22 28 9	5° 8'38	27°43	9° 0	18°50	14° 8	5° 7	14°10	14°11	4°32	6°43	5°36	4°14	22°12	3°56	M26
T 27	22 32 6	6° 7'16	10♎58	10°47	20° 5	14°28	5°12	14°17	14° 8	4°33	6°45	5°31	4°11	22°18	3°54	T 27
W28	22 36 2	7° 5'55	23°52	12°34	21°19	14°47	5°17	14°25	14° 6	4°33	6°47	5°26	4° 8	22°25	3°52	W28
T 29	22 39 59	8° 4'37	6♏26	14°19	22°34	15° 5	5°21	14°32	14° 4	4°33	6°49	5°22	4° 5	22°32	3°49	T 29
F 30	22 43 55	9° 3'20	18°44	16° 3	23°48	15°23	5°26	14°39	14° 2	4°33	6°51	5°18	4° 2	22°38	3°47	F 30
S 31	22 47 52	10♍ 2'05	0♐48	17♍47	25♌ 2	15♉40	5♊30	14♍47	14♒ 0	4♊34	6♎54	5♒16	3♒58	22♐45	3♈44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n37	15s53	5s15	21n38	0n 4	22n38	0n16	10n29	2s25	20n 0	0s46	9n18	2n 3	17s 7	0s45	19n38	1s32	13n 4	16n51	18s57	19s 1	26s53	4n46	3n 8
F 2	17 21	20 8	5 16	21 36	0 17	22 30	0 19	10 39	2 25	20 1	0 46	9 15	2 3	17 8	0 45	19 38	1 32	13 3	16 51	18 57	19 1	26 53	4 46	3 9
S 3	17 5	23 29	5 3	21 31	0 29	22 22	0 21	10 50	2 24	20 3	0 46	9 13	2 3	17 8	0 45	19 38	1 32	13 2	16 50	18 57	19 2	26 53	4 45	3 9
S 4	16 48	25 46	4 38	21 23	0 41	22 13	0 24	11 0	2 24	20 5	0 46	9 10	2 3	17 9	0 45	19 38	1 32	13 1	16 50	18 57	19 3	26 53	4 45	3 9
M 5	16 31	26 54	4 1	21 13	0 51	22 4	0 26	11 10	2 24	20 6	0 46	9 7	2 3	17 10	0 45	19 38	1 32	12 59	16 49	18 56	19 4	26 53	4 44	3 9
T 6	16 14	26 49	3 13	21 0	1 1	21 53	0 29	11 20	2 24	20 8	0 46	9 5	2 3	17 11	0 45	19 38	1 32	12 58	16 49	18 56	19 4	26 52	4 44	3 9
W 7	15 57	25 28	2 17	20 44	1 10	21 42	0 31	11 30	2 23	20 9	0 46	9 2	2 3	17 11	0 45	19 39	1 32	12 57	16 48	18 56	19 5	26 52	4 43	3 9
T 8	15 39	22 57	1 14	20 25	1 18	21 31	0 33	11 39	2 23	20 11	0 46	8 59	2 2	17 12	0 45	19 39	1 32	12 56	16 48	18 56	19 6	26 52	4 42	3 9
F 9	15 21	19 21	0 7	20 4	1 24	21 19	0 36	11 48	2 23	20 12	0 46	8 56	2 2	17 13	0 45	19 39	1 32	12 55	16 48	18 56	19 7	26 52	4 42	3 9
S 10	15 3	14 51	1n 1	19 41	1 30	21 6	0 38	11 58	2 22	20 14	0 46	8 54	2 2	17 13	0 45	19 39	1 32	12 54	16 47	18 56	19 8	26 52	4 41	3 9
S 11	14 44	9 39	2 8	19 14	1 35	20 52	0 40	12 7	2 22	20 15	0 46	8 51	2 2	17 14	0 45	19 39	1 33	12 53	16 47	18 56	19 8	26 52	4 41	3 9
M12	14 26	3 58	3 9	18 46	1 39	20 38	0 43	12 16	2 22	20 16	0 46	8 48	2 2	17 15	0 45	19 39	1 33	12 52	16 46	18 56	19 9	26 52	4 40	3 9
T 13	14 7	1n59	4 2	18 15	1 43	20 24	0 45	12 25	2 21	20 18	0 46	8 45	2 2	17 15	0 45	19 39	1 33	12 51	16 46	18 57	19 10	26 52	4 39	3 9
W14	13 47	7 56	4 42	17 43	1 45	20 9	0 47	12 33	2 21	20 19	0 46	8 43	2 2	17 16	0 45	19 39	1 33	12 50	16 46	18 58	19 11	26 51	4 38	3 9
T 15	13 28	13 36	5 7	17 8	1 47	19 53	0 49	12 42	2 20	20 20	0 47	8 40	2 2	17 17	0 45	19 39	1 33	12 49	16 45	18 58	19 11	26 51	4 38	3 9
F 16	13 8	18 42	5 15	16 32	1 48	19 36	0 51	12 50	2 20	20 21	0 47	8 37	2 2	17 18	0 45	19 40	1 33	12 48	16 45	18 59	19 12	26 51	4 37	3 10
S 17	12 49	22 51	5 5	15 55	1 48	19 19	0 53	12 58	2 19	20 23	0 47	8 34	2 2	17 18	0 45	19 40	1 33	12 47	16 44	18 59	19 13	26 51	4 36	3 10
S 18	12 29	25 42	4 36	15 16	1 47	19 2	0 55	13 6	2 19	20 24	0 47	8 32	2 2	17 19	0 45	19 40	1 33	12 46	16 44	18 59	19 14	26 51	4 35	3 10
M19	12 8	26 57	3 51	14 36	1 46	18 44	0 57	13 14	2 18	20 25	0 47	8 29	2 2	17 20	0 45	19 40	1 33	12 44	16 44	18 59	19 14	26 51	4 35	3 10
T 20	11 48	26 24	2 50	13 55	1 45	18 25	0 59	13 22	2 18	20 26	0 47	8 26	2 2	17 20	0 45	19 40	1 33	12 43	16 43	18 58	19 15	26 50	4 34	3 10
W21	11 27	24 5	1 39	13 13	1 42	18 6	1 1	13 29	2 17	20 27	0 47	8 23	2 2	17 21	0 45	19 40	1 33	12 42	16 43	18 58	19 16	26 50	4 33	3 10
T 22	11 6	20 14	0 21	12 30	1 40	17 46	1 3	13 36	2 16	20 28	0 47	8 20	2 2	17 22	0 45	19 40	1 33	12 41	16 43	18 58	19 17	26 50	4 32	3 10
F 23	10 45	15 12	0s57	11 47	1 36	17 26	1 4	13 44	2 16	20 29	0 47	8 17	2 2	17 22	0 45	19 40	1 33	12 40	16 42	18 58	19 18	26 50	4 31	3 10
S 24	10 24	9 25	2 10	11 3	1 33	17 5	1 6	13 51	2 15	20 30	0 47	8 15	2 2	17 23	0 45	19 40	1 33	12 39	16 42	18 58	19 18	26 49	4 30	3 10
S 25	10 3	3 17	3 15	10 18	1 29	16 44	1 7	13 57	2 14	20 31	0 47	8 12	2 2	17 23	0 45	19 40	1 33	12 38	16 42	18 59	19 19	26 49	4 29	3 10
M26	9 41	2s52	4 7	9 33	1 24	16 22	1 9	14 4	2 14	20 32	0 47	8 9	2 2	17 24	0 45	19 40	1 33	12 37	16 42	19 0	19 20	26 49	4 29	3 10
T 27	9 20	8 43	4 44	8 48	1 20	16 0	1 10	14 10	2 13	20 33	0 47	8 6	2 2	17 25	0 45	19 40	1 33	12 36	16 41	19 1	19 21	26 49	4 28	3 10
W28	8 58	14 3	5 6	8 3	1 15	15 38	1 12	14 17	2 12	20 33	0 47	8 3	2 2	17 25	0 45	19 40	1 33	12 35	16 41	19 2	19 21	26 48	4 27	3 10
T 29	8 36	18 39	5 12	7 17	1 10	15 14	1 13	14 23	2 11	20 34	0 47	8 0	2 2	17 26	0 45	19 40	1 33	12 34	16 41	19 4	19 22	26 48	4 26	3 10
F 30	8 14	22 22	5 4	6 31	1 4	14 51	1 15	14 29	2 10	20 35	0 47	7 58	2 2	17 27	0 45	19 40	1 33	12 32	16 40	19 4	19 23	26 48	4 25	3 10
S 31	7n51	25s 3	4s42	5n45	0n58	14n27	1n16	14n35	2s 9	20n36	0s47	7n55	2n 2	17s27	0s45	19n40	1s33	12n31	16n40	19s 5	19s24	26s48	4n24	3n10

Julian Day Number = 1992650.5, Delta T = 54m20s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'18, Lahiri = 6°21'18 Julian Calendar 1 Aug. 743 == Greg. Calendar 5 Aug. 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

SEPTEMBER 743 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 51 49	11♍ 0'52	12♐42	19♍29	26♌17	15♉56	5♊34	14♍54	13°R58	4♊34	6♎56	5°D16	3♒55	22♐52	3°R42	S 1
M 2	22 55 45	11°59'40	24°33	21°10	27°31	16°12	5°38	15° 2	13♒56	4°34	6°58	5♒17	3°52	22°59	3♈39	M 2
T 3	22 59 42	12°58'31	6♑25	22°51	28°46	16°27	5°41	15° 9	13°54	4°34	7° 0	5°18	3°49	23° 5	3°37	T 3
W 4	23 3 38	13°57'23	18°22	24°30	0♍ 1	16°42	5°45	15°16	13°52	4°R34	7° 3	5°20	3°46	23°12	3°34	W 4
T 5	23 7 35	14°56'17	0♒30	26° 9	1°15	16°56	5°48	15°24	13°50	4°34	7° 5	5°R21	3°42	23°19	3°31	T 5
F 6	23 11 31	15°55'13	12°52	27°46	2°30	17° 9	5°51	15°31	13°48	4°34	7° 7	5°21	3°39	23°25	3°29	F 6
S 7	23 15 28	16°54'11	25°30	29°23	3°44	17°22	5°54	15°39	13°46	4°34	7° 9	5°19	3°36	23°32	3°26	S 7
S 8	23 19 24	17°53'10	8♓28	0♎59	4°59	17°33	5°57	15°46	13°44	4°34	7°12	5°15	3°33	23°39	3°23	S 8
M 9	23 23 21	18°52'12	21°43	2°34	6°14	17°44	5°59	15°53	13°42	4°34	7°14	5° 9	3°30	23°45	3°21	M 9
T 10	23 27 17	19°51'16	5♈16	4° 8	7°29	17°55	6° 2	16° 1	13°41	4°33	7°16	5° 2	3°27	23°52	3°18	T 10
W11	23 31 14	20°50'22	19° 4	5°41	8°43	18° 4	6° 4	16° 8	13°39	4°33	7°19	4°55	3°23	23°59	3°15	W11
T 12	23 35 11	21°49'30	3♉ 3	7°14	9°58	18°13	6° 6	16°16	13°37	4°33	7°21	4°47	3°20	24° 5	3°13	T 12
F 13	23 39 7	22°48'41	17° 9	8°46	11°13	18°21	6° 8	16°23	13°35	4°33	7°23	4°41	3°17	24°12	3°10	F 13
S 14	23 43 4	23°47'54	1♊19	10°16	12°28	18°29	6° 9	16°30	13°34	4°32	7°26	4°37	3°14	24°19	3° 7	S 14
S 15	23 47 0	24°47'09	15°29	11°47	13°43	18°35	6°11	16°38	13°32	4°32	7°28	4°35	3°11	24°25	3° 4	S 15
M16	23 50 57	25°46'27	29°38	13°16	14°58	18°41	6°12	16°45	13°31	4°32	7°30	4°D34	3° 8	24°32	3° 2	M16
T 17	23 54 53	26°45'48	13♋44	14°44	16°13	18°46	6°13	16°52	13°29	4°31	7°33	4°35	3° 4	24°39	2°59	T 17
W18	23 58 50	27°45'10	27°46	16°12	17°28	18°50	6°14	17° 0	13°28	4°31	7°35	4°R36	3° 1	24°45	2°56	W18
T 19	0 2 46	28°44'36	11♌43	17°39	18°43	18°53	6°14	17° 7	13°26	4°30	7°38	4°36	2°58	24°52	2°53	T 19
F 20	0 6 43	29°44'03	25°34	19° 4	19°58	18°55	6°15	17°14	13°25	4°30	7°40	4°34	2°55	24°59	2°51	F 20
S 21	0 10 40	0♎43'32	9♍16	20°30	21°13	18°57	6°R15	17°22	13°23	4°29	7°42	4°30	2°52	25° 5	2°48	S 21
S 22	0 14 36	1°43'04	22°47	21°54	22°28	18°R57	6°15	17°29	13°22	4°29	7°45	4°23	2°48	25°12	2°45	S 22
M23	0 18 33	2°42'38	6♎ 4	23°17	23°43	18°57	6°15	17°36	13°21	4°28	7°47	4°13	2°45	25°19	2°42	M23
T 24	0 22 29	3°42'14	19° 7	24°39	24°58	18°56	6°14	17°43	13°19	4°28	7°50	4° 3	2°42	25°25	2°39	T 24
W25	0 26 26	4°41'52	1♏53	26° 1	26°13	18°54	6°14	17°50	13°18	4°27	7°52	3°52	2°39	25°32	2°37	W25
T 26	0 30 22	5°41'32	14°23	27°21	27°29	18°51	6°13	17°58	13°17	4°26	7°54	3°41	2°36	25°39	2°34	T 26
F 27	0 34 19	6°41'14	26°38	28°40	28°44	18°47	6°12	18° 5	13°16	4°26	7°57	3°32	2°33	25°45	2°31	F 27
S 28	0 38 15	7°40'57	8♐40	29°58	29°59	18°42	6°11	18°12	13°15	4°25	7°59	3°26	2°29	25°52	2°28	S 28
S 29	0 42 12	8°40'43	20°33	1♏14	1♎14	18°36	6° 9	18°19	13°14	4°24	8° 2	3°22	2°26	25°59	2°25	S 29
M30	0 46 9	9♎40'30	2♑23	2♏30	2♎29	18♉30	6♊ 8	18♍26	13♒13	4♊23	8♎ 4	3♒20	2♒23	26♐ 5	2♈23	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n29	26s35	4s 8	4n59	0n52	14n 3	1n17	14n40	2s 9	20n36	0s47	7n52	2n 2	17s28	0s45	19n40	1s33	12n30	16n40	19s 5	19s24	26s47	4n23	3n10
M 2	7 7	26 53	3 24	4 14	0 46	13 38	1 18	14 46	2 8	20 37	0 47	7 49	2 2	17 28	0 45	19 40	1 34	12 29	16 40	19 5	19 25	26 47	4 22	3 10
T 3	6 44	25 58	2 31	3 28	0 40	13 13	1 19	14 51	2 7	20 38	0 47	7 46	2 2	17 29	0 45	19 40	1 34	12 28	16 40	19 4	19 26	26 47	4 21	3 10
W 4	6 21	23 50	1 31	2 42	0 33	12 48	1 20	14 56	2 6	20 38	0 47	7 43	2 2	17 29	0 45	19 40	1 34	12 27	16 39	19 4	19 27	26 46	4 20	3 10
T 5	5 58	20 37	0 26	1 57	0 27	12 22	1 21	15 1	2 4	20 39	0 47	7 40	2 2	17 30	0 45	19 40	1 34	12 26	16 39	19 4	19 27	26 46	4 19	3 10
F 6	5 35	16 25	0n41	1 12	0 20	11 56	1 22	15 6	2 3	20 39	0 47	7 38	2 3	17 31	0 45	19 40	1 34	12 25	16 39	19 4	19 28	26 46	4 18	3 10
S 7	5 12	11 26	1 47	0 27	0 13	11 29	1 23	15 11	2 2	20 40	0 47	7 35	2 3	17 31	0 45	19 40	1 34	12 24	16 39	19 4	19 29	26 45	4 17	3 10
S 8	4 49	5 50	2 50	0s18	0 6	11 2	1 23	15 15	2 1	20 40	0 47	7 32	2 3	17 32	0 45	19 40	1 34	12 23	16 38	19 5	19 30	26 45	4 16	3 10
M 9	4 26	0n 8	3 44	1 3	0s 1	10 35	1 24	15 19	2 0	20 40	0 48	7 29	2 3	17 32	0 45	19 40	1 34	12 22	16 38	19 7	19 30	26 45	4 14	3 10
T 10	4 3	6 12	4 28	1 47	0 8	10 8	1 25	15 23	1 59	20 41	0 48	7 26	2 3	17 33	0 45	19 39	1 34	12 21	16 38	19 8	19 31	26 44	4 13	3 10
W11	3 39	12 4	4 56	2 30	0 15	9 40	1 25	15 27	1 57	20 41	0 48	7 23	2 3	17 33	0 45	19 39	1 34	12 20	16 38	19 10	19 32	26 44	4 12	3 10
T 12	3 16	17 25	5 7	3 14	0 22	9 12	1 26	15 31	1 56	20 41	0 48	7 20	2 3	17 34	0 45	19 39	1 34	12 19	16 38	19 12	19 33	26 44	4 11	3 10
F 13	2 52	21 52	5 0	3 57	0 29	8 44	1 26	15 34	1 55	20 42	0 48	7 18	2 3	17 34	0 44	19 39	1 34	12 17	16 38	19 13	19 33	26 43	4 10	3 10
S 14	2 29	25 3	4 35	4 39	0 37	8 15	1 26	15 38	1 53	20 42	0 48	7 15	2 3	17 35	0 44	19 39	1 34	12 16	16 38	19 14	19 34	26 43	4 9	3 10
S 15	2 5	26 40	3 53	5 22	0 44	7 47	1 27	15 41	1 52	20 42	0 48	7 12	2 3	17 35	0 44	19 39	1 34	12 15	16 37	19 15	19 35	26 42	4 8	3 10
M16	1 41	26 33	2 57	6 3	0 51	7 18	1 27	15 44	1 50	20 42	0 48	7 9	2 3	17 35	0 44	19 39	1 34	12 14	16 37	19 15	19 36	26 42	4 7	3 10
T 17	1 18	24 43	1 50	6 44	0 58	6 48	1 27	15 47	1 49	20 42	0 48	7 6	2 3	17 36	0 44	19 39	1 34	12 13	16 37	19 15	19 36	26 42	4 5	3 10
W18	0 54	21 21	0 37	7 25	1 5	6 19	1 27	15 49	1 47	20 43	0 48	7 4	2 3	17 36	0 44	19 39	1 34	12 12	16 37	19 15	19 37	26 41	4 4	3 10
T 19	0 30	16 47	0s38	8 5	1 12	5 49	1 27	15 52	1 46	20 43	0 48	7 1	2 3	17 37	0 44	19 39	1 34	12 11	16 37	19 15	19 38	26 41	4 3	3 10
F 20	0 6	11 22	1 50	8 44	1 19	5 20	1 27	15 54	1 44	20 43	0 48	6 58	2 3	17 37	0 44	19 38	1 34	12 10	16 37	19 15	19 38	26 40	4 2	3 10
S 21	0s17	5 27	2 54	9 23	1 26	4 50	1 27	15 56	1 42	20 43	0 48	6 55	2 3	17 37	0 44	19 38	1 34	12 9	16 37	19 16	19 39	26 40	4 1	3 10
S 22	0 41	0s36	3 48	10 1	1 33	4 20	1 26	15 58	1 40	20 43	0 48	6 52	2 4	17 38	0 44	19 38	1 34	12 8	16 37	19 18	19 40	26 40	4 0	3 9
M23	1 5	6 32	4 28	10 39	1 40	3 50	1 26	16 0	1 39	20 43	0 48	6 50	2 4	17 38	0 44	19 38	1 34	12 7	16 37	19 20	19 41	26 39	3 58	3 9
T 24	1 29	12 3	4 54	11 15	1 46	3 19	1 26	16 1	1 37	20 43	0 48	6 47	2 4	17 39	0 44	19 38	1 34	12 6	16 37	19 23	19 41	26 39	3 57	3 9
W25	1 53	16 57	5 4	11 51	1 52	2 49	1 25	16 2	1 35	20 42	0 48	6 44	2 4	17 39	0 44	19 38	1 35	12 5	16 37	19 25	19 42	26 38	3 56	3 9
T 26	2 17	21 0	4 59	12 26	1 59	2 18	1 25	16 4	1 33	20 42	0 48	6 41	2 4	17 39	0 44	19 38	1 35	12 4	16 37	19 28	19 43	26 38	3 55	3 9
F 27	2 40	24 4	4 40	13 1	2 5	1 48	1 24	16 4	1 31	20 42	0 48	6 39	2 4	17 39	0 44	19 37	1 35	12 3	16 37	19 30	19 44	26 37	3 54	3 9
S 28	3 4	25 59	4 9	13 34	2 11	1 17	1 24	16 5	1 29	20 42	0 48	6 36	2 4	17 40	0 44	19 37	1 35	12 3	16 37	19 31	19 44	26 37	3 53	3 9
S 29	3 28	26 43	3 27	14 7	2 16	0 46	1 23	16 6	1 27	20 42	0 48	6 33	2 4	17 40	0 44	19 37	1 35	12 2	16 37	19 32	19 45	26 36	3 51	3 9
M30	3s52	26s12	2s37	14s38	2s22	0n16	1n22	16n 6	1s24	20n41	0s48	6n30	2n 4	17s40	0s44	19n37	1s35	12n 1	16n37	19s33	19s46	26s36	3n50	3n 9

Julian Day Number = 1992681.5, Delta T = 54m19s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'22, Lahiri = 6°21'23 Julian Calendar 1 Sept. 743 == Greg. Calendar 5 Sept. 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

OCTOBER 743 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 50 5	10♎40'19	14♉13	3♏43	3♎45	18°R22	6°R 6	18♍33	13°R12	4°R22	8♎ 6	3°D20	2♒20	26♐12	2°R20	T 1
W 2	0 54 2	11°40'10	26° 9	4°55	5° 0	18♉14	6♊ 4	18°40	13♒11	4♊21	8° 9	3♒20	2°17	26°19	2♈17	W 2
T 3	0 57 58	12°40'03	8♒17	6° 6	6°15	18° 5	6° 2	18°47	13°10	4°21	8°11	3°R20	2°13	26°25	2°14	T 3
F 4	1 1 55	13°39'57	20°41	7°14	7°30	17°55	5°59	18°54	13° 9	4°20	8°14	3°19	2°10	26°32	2°12	F 4
S 5	1 5 51	14°39'53	3♓27	8°20	8°46	17°44	5°57	19° 1	13° 8	4°19	8°16	3°15	2° 7	26°39	2° 9	S 5
S 6	1 9 48	15°39'51	16°36	9°24	10° 1	17°32	5°54	19° 8	13° 7	4°18	8°18	3° 9	2° 4	26°45	2° 6	S 6
M 7	1 13 44	16°39'51	0♈ 9	10°25	11°16	17°20	5°51	19°15	13° 7	4°17	8°21	3° 0	2° 1	26°52	2° 4	M 7
T 8	1 17 41	17°39'52	14° 5	11°23	12°32	17° 6	5°48	19°22	13° 6	4°16	8°23	2°49	1°58	26°59	2° 1	T 8
W 9	1 21 38	18°39'55	28°19	12°18	13°47	16°52	5°44	19°29	13° 6	4°15	8°26	2°37	1°54	27° 5	1°58	W 9
T 10	1 25 34	19°40'01	12♉47	13° 9	15° 2	16°37	5°41	19°35	13° 5	4°14	8°28	2°26	1°51	27°12	1°56	T 10
F 11	1 29 31	20°40'08	27°20	13°57	16°18	16°22	5°37	19°42	13° 5	4°12	8°30	2°16	1°48	27°19	1°53	F 11
S 12	1 33 27	21°40'18	11♊52	14°39	17°33	16° 5	5°33	19°49	13° 4	4°11	8°33	2° 9	1°45	27°25	1°50	S 12
S 13	1 37 24	22°40'30	26°19	15°17	18°48	15°48	5°29	19°55	13° 4	4°10	8°35	2° 4	1°42	27°32	1°48	S 13
M14	1 41 20	23°40'43	10♋35	15°49	20° 4	15°30	5°24	20° 2	13° 3	4° 9	8°37	2° 2	1°39	27°39	1°45	M14
T 15	1 45 17	24°40'59	24°39	16°15	21°19	15°12	5°20	20° 8	13° 3	4° 8	8°40	2° 2	1°35	27°45	1°43	T 15
W16	1 49 13	25°41'18	8♌31	16°34	22°35	14°53	5°15	20°15	13° 3	4° 6	8°42	2° 2	1°32	27°52	1°40	W16
T 17	1 53 10	26°41'38	22°10	16°46	23°50	14°34	5°10	20°21	13° 3	4° 5	8°44	2° 1	1°29	27°59	1°38	T 17
F 18	1 57 7	27°42'00	5♍39	16°R49	25° 5	14°13	5° 5	20°28	13° 3	4° 4	8°47	1°57	1°26	28° 5	1°35	F 18
S 19	2 1 3	28°42'24	18°57	16°43	26°21	13°53	5° 0	20°34	13° 2	4° 3	8°49	1°51	1°23	28°12	1°33	S 19
S 20	2 5 0	29°42'50	2♎ 4	16°28	27°36	13°32	4°55	20°41	13°D 2	4° 1	8°51	1°42	1°19	28°19	1°30	S 20
M21	2 8 56	0♏43'18	15° 0	16° 3	28°52	13°11	4°49	20°47	13° 2	4° 0	8°54	1°30	1°16	28°25	1°28	M21
T 22	2 12 53	1°43'47	27°45	15°28	0♏ 7	12°49	4°44	20°53	13° 3	3°59	8°56	1°16	1°13	28°32	1°26	T 22
W23	2 16 49	2°44'19	10♏17	14°43	1°23	12°27	4°38	20°59	13° 3	3°57	8°58	1° 2	1°10	28°39	1°23	W23
T 24	2 20 46	3°44'52	22°37	13°48	2°38	12° 5	4°32	21° 5	13° 3	3°56	9° 0	0°48	1° 7	28°45	1°21	T 24
F 25	2 24 42	4°45'26	4♐45	12°44	3°54	11°42	4°26	21°11	13° 3	3°54	9° 3	0°36	1° 4	28°52	1°19	F 25
S 26	2 28 39	5°46'02	16°44	11°33	5° 9	11°20	4°19	21°17	13° 3	3°53	9° 5	0°27	1° 0	28°59	1°17	S 26
S 27	2 32 36	6°46'39	28°34	10°16	6°25	10°57	4°13	21°23	13° 4	3°51	9° 7	0°20	0°57	29° 5	1°15	S 27
M28	2 36 32	7°47'18	10♑21	8°55	7°40	10°35	4° 6	21°29	13° 4	3°50	9° 9	0°17	0°54	29°12	1°12	M28
T 29	2 40 29	8°47'58	22° 9	7°34	8°56	10°12	4° 0	21°35	13° 4	3°48	9°12	0°15	0°51	29°19	1°10	T 29
W30	2 44 25	9°48'39	4♒ 3	6°14	10°11	9°50	3°53	21°41	13° 5	3°47	9°14	0°15	0°48	29°26	1° 8	W30
T 31	2 48 22	10♏49'22	16♒ 8	4♏59	11♏27	9♉27	3♊46	21♍46	13♒ 5	3♊45	9♎16	0♒15	0♒45	29♐32	1♈ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	4s15	24s30	1s40	15s 8	2s27	0s15	1n22	16n 6	1s22	20n41	0s48	6n28	2n 4	17s41	0s44	19n37	1s35	12n 0	16n37	19s33	19s46	26s35	3n49	3n 9
W 2	4 39	21 41	0 38	15 38	2 31	0 46	1 21	16 6	1 20	20 41	0 48	6 25	2 5	17 41	0 44	19 36	1 35	11 59	16 37	19 33	19 47	26 35	3 48	3 9
T 3	5 2	17 54	0n26	16 6	2 36	1 17	1 20	16 6	1 18	20 40	0 48	6 22	2 5	17 41	0 44	19 36	1 35	11 58	16 37	19 33	19 48	26 34	3 47	3 9
F 4	5 26	13 16	1 31	16 32	2 40	1 48	1 19	16 5	1 15	20 40	0 48	6 20	2 5	17 41	0 44	19 36	1 35	11 57	16 37	19 33	19 49	26 34	3 45	3 8
S 5	5 49	7 56	2 33	16 58	2 44	2 18	1 18	16 4	1 13	20 39	0 48	6 17	2 5	17 41	0 44	19 36	1 35	11 56	16 37	19 34	19 49	26 33	3 44	3 8
S 6	6 12	2 8	3 28	17 22	2 47	2 49	1 17	16 3	1 10	20 39	0 48	6 15	2 5	17 42	0 44	19 36	1 35	11 55	16 37	19 35	19 50	26 32	3 43	3 8
M 7	6 36	3n56	4 14	17 44	2 50	3 20	1 16	16 2	1 8	20 38	0 48	6 12	2 5	17 42	0 44	19 35	1 35	11 54	16 37	19 37	19 51	26 32	3 42	3 8
T 8	6 59	9 58	4 45	18 4	2 52	3 50	1 14	16 1	1 5	20 38	0 48	6 9	2 5	17 42	0 44	19 35	1 35	11 54	16 37	19 40	19 52	26 31	3 41	3 8
W 9	7 22	15 37	5 0	18 23	2 54	4 21	1 13	16 0	1 2	20 37	0 48	6 7	2 5	17 42	0 44	19 35	1 35	11 53	16 37	19 42	19 52	26 31	3 40	3 8
T 10	7 45	20 28	4 56	18 40	2 55	4 52	1 12	15 58	1 0	20 36	0 48	6 4	2 6	17 42	0 44	19 35	1 35	11 52	16 37	19 45	19 53	26 30	3 38	3 8
F 11	8 7	24 7	4 33	18 55	2 55	5 22	1 10	15 56	0 57	20 36	0 48	6 2	2 6	17 42	0 44	19 34	1 35	11 51	16 37	19 47	19 54	26 30	3 37	3 8
S 12	8 30	26 12	3 52	19 7	2 55	5 52	1 9	15 54	0 54	20 35	0 48	5 59	2 6	17 42	0 44	19 34	1 35	11 50	16 37	19 49	19 54	26 29	3 36	3 8
S 13	8 53	26 30	2 57	19 17	2 53	6 22	1 8	15 52	0 51	20 34	0 48	5 57	2 6	17 42	0 44	19 34	1 35	11 49	16 38	19 50	19 55	26 28	3 35	3 7
M14	9 15	25 1	1 51	19 25	2 51	6 53	1 6	15 49	0 49	20 34	0 48	5 54	2 6	17 42	0 44	19 34	1 35	11 49	16 38	19 51	19 56	26 28	3 34	3 7
T 15	9 38	21 59	0 39	19 29	2 48	7 22	1 5	15 47	0 46	20 33	0 48	5 52	2 6	17 43	0 44	19 33	1 35	11 48	16 38	19 51	19 57	26 27	3 33	3 7
W16	10 0	17 43	0s34	19 30	2 43	7 52	1 3	15 44	0 43	20 32	0 48	5 49	2 6	17 43	0 44	19 33	1 35	11 47	16 38	19 51	19 57	26 27	3 31	3 7
T 17	10 22	12 34	1 44	19 28	2 37	8 22	1 1	15 41	0 40	20 31	0 48	5 47	2 7	17 43	0 44	19 33	1 35	11 46	16 38	19 51	19 58	26 26	3 30	3 7
F 18	10 44	6 54	2 48	19 22	2 30	8 51	1 0	15 38	0 37	20 30	0 48	5 45	2 7	17 43	0 43	19 33	1 35	11 46	16 38	19 52	19 59	26 25	3 29	3 7
S 19	11 5	1 1	3 41	19 12	2 21	9 20	0 58	15 34	0 34	20 29	0 48	5 42	2 7	17 43	0 43	19 32	1 35	11 45	16 38	19 53	19 59	26 25	3 28	3 7
S 20	11 27	4s49	4 21	18 58	2 11	9 49	0 56	15 31	0 31	20 28	0 48	5 40	2 7	17 43	0 43	19 32	1 35	11 44	16 39	19 55	20 0	26 24	3 27	3 6
M21	11 48	10 22	4 48	18 39	1 59	10 18	0 54	15 27	0 28	20 27	0 48	5 38	2 7	17 43	0 43	19 32	1 35	11 43	16 39	19 58	20 1	26 23	3 26	3 6
T 22	12 9	15 23	4 59	18 15	1 45	10 47	0 52	15 24	0 25	20 26	0 48	5 35	2 7	17 42	0 43	19 32	1 35	11 43	16 39	20 1	20 1	26 23	3 25	3 6
W23	12 30	19 41	4 56	17 47	1 30	11 15	0 50	15 20	0 22	20 25	0 48	5 33	2 8	17 42	0 43	19 31	1 35	11 42	16 39	20 4	20 2	26 22	3 24	3 6
T 24	12 51	23 2	4 39	17 15	1 13	11 43	0 48	15 16	0 19	20 24	0 48	5 31	2 8	17 42	0 43	19 31	1 35	11 41	16 40	20 7	20 3	26 21	3 23	3 6
F 25	13 12	25 19	4 9	16 38	0 54	12 10	0 46	15 12	0 16	20 23	0 48	5 28	2 8	17 42	0 43	19 31	1 35	11 41	16 40	20 10	20 4	26 21	3 22	3 6
S 26	13 32	26 24	3 28	15 57	0 35	12 38	0 44	15 8	0 13	20 22	0 48	5 26	2 8	17 42	0 43	19 30	1 35	11 40	16 40	20 12	20 4	26 20	3 21	3 6
S 27	13 52	26 15	2 39	15 13	0 14	13 5	0 42	15 4	0 9	20 21	0 48	5 24	2 8	17 42	0 43	19 30	1 36	11 40	16 40	20 13	20 5	26 19	3 20	3 5
M28	14 12	24 55	1 43	14 28	0n 6	13 32	0 40	15 0	0 6	20 20	0 48	5 22	2 9	17 42	0 43	19 30	1 36	11 39	16 40	20 14	20 6	26 19	3 19	3 5
T 29	14 32	22 28	0 43	13 42	0 27	13 58	0 38	14 56	0 3	20 19	0 48	5 20	2 9	17 42	0 43	19 30	1 36	11 38	16 41	20 14	20 6	26 18	3 18	3 5
W30	14 51	19 3	0n20	12 57	0 47	14 24	0 36	14 51	0 0	20 17	0 48	5 18	2 9	17 42	0 43	19 29	1 36	11 38	16 41	20 14	20 7	26 17	3 17	3 5
T 31	15s10	14s47	1n23	12s14	1n 6	14s50	0n34	14n47	0n 3	20n16	0s48	5n16	2n 9	17s41	0s43	19n29	1s36	11n37	16n41	20s14	20s 8	26s16	3n16	3n 5

Julian Day Number = 1992711.5, Delta T = 54m18s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'26, Lahiri = 6°21'27 Julian Calendar 1 Oct. 743 == Greg. Calendar 5 Oct. 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

NOVEMBER 743 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 52 18	11♏50'05	28♒30	3°R51	12♏42	9°R 5	3°R39	21♍52	13♒ 6	3°R44	9♎18	0°R14	0♒41	29♐39	1°R 4	F 1
S 2	2 56 15	12°50'50	11♓13	2♏52	13°58	8♉43	3♊32	21°58	13° 7	3♊42	9°20	0♒11	0°38	29°45	1♈ 2	S 2
S 3	3 0 11	13°51'35	24°24	2° 3	15°13	8°21	3°25	22° 3	13° 7	3°41	9°22	0° 5	0°35	29°52	1° 1	S 3
M 4	3 4 8	14°52'22	8♈ 2	1°25	16°28	8° 0	3°17	22° 9	13° 8	3°39	9°24	29♑57	0°32	29°59	0°59	M 4
T 5	3 8 4	15°53'10	22° 8	0°59	17°44	7°39	3°10	22°14	13° 9	3°38	9°26	29°47	0°29	0♑ 5	0°57	T 5
W 6	3 12 1	16°53'59	6♉39	0°44	18°59	7°19	3° 2	22°19	13°10	3°36	9°28	29°35	0°25	0°12	0°55	W 6
T 7	3 15 58	17°54'49	21°29	0°D40	20°15	6°59	2°55	22°24	13°11	3°34	9°30	29°24	0°22	0°19	0°53	T 7
F 8	3 19 54	18°55'41	6♊27	0°48	21°30	6°39	2°47	22°30	13°12	3°33	9°32	29°14	0°19	0°25	0°52	F 8
S 9	3 23 51	19°56'34	21°26	1° 5	22°46	6°20	2°39	22°35	13°13	3°31	9°34	29° 7	0°16	0°32	0°50	S 9
S 10	3 27 47	20°57'28	6♋16	1°31	24° 1	6° 2	2°31	22°40	13°14	3°29	9°36	29° 2	0°13	0°39	0°49	S 10
M11	3 31 44	21°58'24	20°50	2° 5	25°17	5°44	2°23	22°45	13°15	3°28	9°38	29° 1	0°10	0°45	0°47	M11
T 12	3 35 40	22°59'21	5♌ 6	2°46	26°32	5°26	2°15	22°49	13°16	3°26	9°40	29°D 0	0° 6	0°52	0°46	T 12
W13	3 39 37	24° 0'19	19° 2	3°34	27°48	5°10	2° 7	22°54	13°17	3°24	9°42	29°R 1	0° 3	0°59	0°44	W13
T 14	3 43 34	25° 1'18	2♍39	4°27	29° 3	4°54	1°59	22°59	13°18	3°23	9°44	29° 1	0° 0	1° 5	0°43	T 14
F 15	3 47 30	26° 2'19	15°57	5°26	0♐19	4°39	1°51	23° 4	13°20	3°21	9°46	28°59	29♑57	1°12	0°42	F 15
S 16	3 51 27	27° 3'21	29° 0	6°28	1°34	4°24	1°43	23° 8	13°21	3°19	9°47	28°54	29°54	1°19	0°40	S 16
S 17	3 55 23	28° 4'24	11♎49	7°35	2°50	4°10	1°35	23°13	13°22	3°18	9°49	28°47	29°51	1°25	0°39	S 17
M18	3 59 20	29° 5'28	24°26	8°45	4° 5	3°57	1°27	23°17	13°24	3°16	9°51	28°38	29°47	1°32	0°38	M18
T 19	4 3 16	0♐ 6'33	6♏53	9°57	5°21	3°45	1°19	23°21	13°25	3°14	9°53	28°27	29°44	1°39	0°37	T 19
W20	4 7 13	1° 7'40	19° 9	11°12	6°36	3°34	1°11	23°26	13°27	3°13	9°54	28°15	29°41	1°45	0°36	W20
T 21	4 11 9	2° 8'47	1♐17	12°29	7°52	3°23	1° 2	23°30	13°28	3°11	9°56	28° 4	29°38	1°52	0°35	T 21
F 22	4 15 6	3° 9'54	13°16	13°49	9° 7	3°13	0°54	23°34	13°30	3° 9	9°58	27°54	29°35	1°59	0°34	F 22
S 23	4 19 3	4°11'03	25° 9	15° 9	10°23	3° 4	0°46	23°38	13°32	3° 8	9°59	27°47	29°31	2° 5	0°33	S 23
S 24	4 22 59	5°12'12	6♑58	16°31	11°38	2°56	0°38	23°42	13°33	3° 6	10° 1	27°42	29°28	2°12	0°32	S 24
M25	4 26 56	6°13'21	18°44	17°54	12°54	2°49	0°30	23°45	13°35	3° 4	10° 3	27°39	29°25	2°19	0°31	M25
T 26	4 30 52	7°14'31	0♒31	19°19	14° 9	2°42	0°22	23°49	13°37	3° 2	10° 4	27°D39	29°22	2°25	0°30	T 26
W27	4 34 49	8°15'42	12°24	20°44	15°24	2°36	0°14	23°53	13°39	3° 1	10° 6	27°40	29°19	2°32	0°30	W27
T 28	4 38 45	9°16'52	24°27	22°10	16°40	2°32	0° 6	23°56	13°41	2°59	10° 7	27°41	29°16	2°39	0°29	T 28
F 29	4 42 42	10°18'02	6♓45	23°37	17°55	2°28	29♉58	24° 0	13°43	2°57	10° 9	27°R42	29°12	2°45	0°29	F 29
S 30	4 46 38	11♐19'13	19♓24	25♏ 4	19♐11	2♉24	29♉50	24♍ 3	13♒45	2♊56	10♎10	27♑42	29♑ 9	2♑52	0♈28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s29	9s50	2n24	11s35	1n23	15s15	0n32	14n43	0n 6	20n15	0s48	5n14	2n 9	17s41	0s43	19n29	1s36	11n37	16n42	20s14	20s 8	26s16	3n15	3n 4
S 2	15 48	4 20	3 19	11 0	1 39	15 40	0 29	14 39	0 9	20 14	0 47	5 11	2 10	17 41	0 43	19 28	1 36	11 36	16 42	20 15	20 9	26 15	3 14	3 4
S 3	16 6	1n31	4 6	10 30	1 53	16 5	0 27	14 34	0 12	20 12	0 47	5 9	2 10	17 41	0 43	19 28	1 36	11 36	16 42	20 16	20 10	26 14	3 13	3 4
M 4	16 25	7 29	4 40	10 6	2 4	16 29	0 25	14 30	0 15	20 11	0 47	5 8	2 10	17 40	0 43	19 28	1 36	11 35	16 42	20 18	20 10	26 13	3 12	3 4
T 5	16 42	13 18	4 59	9 48	2 14	16 52	0 23	14 26	0 18	20 10	0 47	5 6	2 10	17 40	0 43	19 27	1 36	11 34	16 43	20 20	20 11	26 13	3 11	3 4
W 6	17 0	18 32	4 59	9 36	2 22	17 16	0 20	14 22	0 20	20 8	0 47	5 4	2 10	17 40	0 43	19 27	1 36	11 34	16 43	20 23	20 12	26 12	3 10	3 4
T 7	17 17	22 45	4 40	9 29	2 27	17 38	0 18	14 18	0 23	20 7	0 47	5 2	2 11	17 40	0 43	19 27	1 36	11 34	16 43	20 25	20 13	26 11	3 9	3 3
F 8	17 34	25 29	4 1	9 28	2 31	18 1	0 16	14 14	0 26	20 5	0 47	5 0	2 11	17 39	0 43	19 26	1 36	11 33	16 44	20 27	20 13	26 10	3 9	3 3
S 9	17 51	26 25	3 6	9 32	2 34	18 23	0 13	14 10	0 29	20 4	0 47	4 58	2 11	17 39	0 43	19 26	1 36	11 33	16 44	20 29	20 14	26 10	3 8	3 3
S 10	18 7	25 25	1 58	9 40	2 35	18 44	0 11	14 7	0 31	20 3	0 47	4 56	2 11	17 39	0 43	19 26	1 36	11 32	16 45	20 29	20 15	26 9	3 7	3 3
M11	18 23	22 41	0 43	9 52	2 34	19 5	0 9	14 3	0 34	20 1	0 47	4 55	2 11	17 38	0 43	19 26	1 36	11 32	16 45	20 30	20 15	26 8	3 6	3 3
T 12	18 39	18 36	0s32	10 7	2 33	19 25	0 6	14 0	0 37	20 0	0 47	4 53	2 12	17 38	0 43	19 25	1 36	11 31	16 45	20 30	20 16	26 7	3 5	3 2
W13	18 54	13 34	1 45	10 26	2 30	19 45	0 4	13 57	0 39	19 58	0 46	4 51	2 12	17 38	0 43	19 25	1 36	11 31	16 46	20 30	20 17	26 6	3 5	3 2
T 14	19 9	7 58	2 49	10 47	2 27	20 4	0 1	13 54	0 42	19 57	0 46	4 49	2 12	17 37	0 43	19 25	1 36	11 31	16 46	20 30	20 17	26 5	3 4	3 2
F 15	19 24	2 9	3 43	11 10	2 23	20 22	0s 1	13 51	0 44	19 55	0 46	4 48	2 12	17 37	0 43	19 24	1 36	11 30	16 46	20 30	20 18	26 5	3 3	3 2
S 16	19 38	3s38	4 24	11 35	2 18	20 40	0 3	13 48	0 46	19 54	0 46	4 46	2 13	17 36	0 43	19 24	1 36	11 30	16 47	20 31	20 19	26 4	3 2	3 2
S 17	19 52	9 10	4 51	12 2	2 13	20 58	0 6	13 46	0 49	19 52	0 46	4 45	2 13	17 36	0 42	19 24	1 36	11 30	16 47	20 33	20 19	26 3	3 2	3 1
M18	20 6	14 13	5 3	12 30	2 8	21 15	0 8	13 43	0 51	19 51	0 46	4 43	2 13	17 36	0 42	19 23	1 36	11 29	16 48	20 35	20 20	26 2	3 1	3 1
T 19	20 19	18 38	5 1	12 59	2 2	21 31	0 11	13 41	0 53	19 49	0 46	4 42	2 13	17 35	0 42	19 23	1 36	11 29	16 48	20 37	20 21	26 1	3 0	3 1
W20	20 32	22 11	4 44	13 28	1 55	21 46	0 13	13 39	0 55	19 48	0 46	4 40	2 14	17 35	0 42	19 23	1 36	11 29	16 49	20 39	20 21	26 0	3 0	3 1
T 21	20 44	24 43	4 15	13 58	1 49	22 1	0 15	13 38	0 57	19 46	0 45	4 39	2 14	17 34	0 42	19 22	1 36	11 29	16 49	20 41	20 22	25 59	2 59	3 0
F 22	20 56	26 6	3 35	14 28	1 42	22 16	0 18	13 36	0 59	19 44	0 45	4 37	2 14	17 34	0 42	19 22	1 36	11 28	16 49	20 43	20 23	25 59	2 59	3 0
S 23	21 8	26 16	2 45	14 59	1 35	22 29	0 20	13 35	1 1	19 43	0 45	4 36	2 14	17 33	0 42	19 22	1 36	11 28	16 50	20 45	20 23	25 58	2 58	3 0
S 24	21 19	25 14	1 49	15 30	1 27	22 42	0 22	13 34	1 3	19 41	0 45	4 35	2 15	17 33	0 42	19 21	1 36	11 28	16 50	20 46	20 24	25 57	2 58	3 0
M25	21 30	23 4	0 48	16 0	1 20	22 55	0 25	13 33	1 5	19 40	0 45	4 33	2 15	17 32	0 42	19 21	1 36	11 28	16 51	20 46	20 25	25 56	2 57	3 0
T 26	21 40	19 55	0n16	16 31	1 13	23 6	0 27	13 33	1 7	19 38	0 45	4 32	2 15	17 31	0 42	19 21	1 36	11 28	16 51	20 46	20 25	25 55	2 57	2 59
W27	21 50	15 56	1 19	17 1	1 5	23 17	0 29	13 32	1 9	19 37	0 44	4 31	2 15	17 31	0 42	19 20	1 36	11 27	16 52	20 46	20 26	25 54	2 56	2 59
T 28	22 0	11 16	2 20	17 30	0 58	23 27	0 32	13 32	1 11	19 35	0 44	4 30	2 16	17 30	0 42	19 20	1 36	11 27	16 52	20 46	20 27	25 53	2 56	2 59
F 29	22 9	6 4	3 16	18 0	0 50	23 37	0 34	13 32	1 12	19 34	0 44	4 29	2 16	17 30	0 42	19 20	1 36	11 27	16 53	20 46	20 27	25 52	2 55	2 59
S 30	22s17	0s30	4n 3	18s28	0n43	23s46	0s36	13n33	1n14	19n32	0s44	4n28	2n16	17s29	0s42	19n19	1s36	11n27	16n53	20s46	20s28	25s51	2n55	2n58

Julian Day Number = 1992742.5, Delta T = 54m18s
Ecliptic obliquity = 23°36'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'31, Lahiri = 6°21'31 Julian Calendar 1 Nov. 743 == Greg. Calendar 5 Nov. 743

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ASTRODIENST EPHEMERIS for the year 743
geocentric

DECEMBER 743 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 50 35	12♐20'24	2♈28	26♏32	20♐26	2°R22	29°R42	24♍ 6	13♒47	2°R54	10♎11	27°R39	29♑ 6	2♑59	0°R28	S 1
M 2	4 54 32	13°21'35	16° 0	28° 1	21°42	2♉21	29♉34	24° 9	13°49	2♊52	10°13	27♑35	29° 3	3° 5	0♈27	M 2
T 3	4 58 28	14°22'46	0♉ 1	29°30	22°57	2°D20	29°27	24°12	13°51	2°51	10°14	27°30	29° 0	3°12	0°27	T 3
W 4	5 2 25	15°23'57	14°31	0♐59	24°12	2°20	29°19	24°15	13°53	2°49	10°15	27°23	28°57	3°19	0°27	W 4
T 5	5 6 21	16°25'08	29°25	2°29	25°28	2°21	29°12	24°18	13°55	2°47	10°17	27°16	28°53	3°25	0°26	T 5
F 6	5 10 18	17°26'19	14♊34	3°59	26°43	2°22	29° 4	24°21	13°57	2°46	10°18	27°11	28°50	3°32	0°26	F 6
S 7	5 14 14	18°27'31	29°49	5°30	27°58	2°25	28°57	24°23	14° 0	2°44	10°19	27° 6	28°47	3°39	0°26	S 7
S 8	5 18 11	19°28'42	15♋ 0	7° 1	29°14	2°28	28°50	24°26	14° 2	2°42	10°20	27° 4	28°44	3°45	0°D26	S 8
M 9	5 22 8	20°29'54	29°56	8°32	0♑29	2°32	28°43	24°28	14° 4	2°41	10°21	27°D 3	28°41	3°52	0°26	M 9
T 10	5 26 4	21°31'06	14♌31	10° 4	1°45	2°36	28°36	24°31	14° 7	2°39	10°23	27° 4	28°37	3°59	0°26	T 10
W11	5 30 1	22°32'18	28°42	11°36	3° 0	2°41	28°29	24°33	14° 9	2°38	10°24	27° 6	28°34	4° 5	0°26	W11
T 12	5 33 57	23°33'31	12♍28	13° 9	4°15	2°47	28°22	24°35	14°11	2°36	10°25	27° 7	28°31	4°12	0°26	T 12
F 13	5 37 54	24°34'43	25°50	14°41	5°30	2°54	28°15	24°37	14°14	2°35	10°26	27°R 8	28°28	4°19	0°27	F 13
S 14	5 41 50	25°35'56	8♎50	16°15	6°46	3° 1	28° 9	24°39	14°16	2°33	10°27	27° 7	28°25	4°25	0°27	S 14
S 15	5 45 47	26°37'09	21°31	17°48	8° 1	3° 9	28° 3	24°41	14°19	2°31	10°28	27° 4	28°22	4°32	0°27	S 15
M16	5 49 43	27°38'22	3♏57	19°22	9°16	3°18	27°56	24°43	14°22	2°30	10°29	27° 1	28°18	4°39	0°28	M16
T 17	5 53 40	28°39'35	16°11	20°56	10°32	3°27	27°50	24°44	14°24	2°28	10°29	26°56	28°15	4°45	0°28	T 17
W18	5 57 37	29°40'48	28°15	22°31	11°47	3°37	27°44	24°46	14°27	2°27	10°30	26°51	28°12	4°52	0°29	W18
T 19	6 1 33	0♑42'01	10♐12	24° 6	13° 2	3°48	27°39	24°47	14°30	2°25	10°31	26°46	28° 9	4°59	0°29	T 19
F 20	6 5 30	1°43'14	22° 4	25°42	14°18	3°59	27°33	24°49	14°32	2°24	10°32	26°42	28° 6	5° 5	0°30	F 20
S 21	6 9 26	2°44'26	3♑53	27°18	15°33	4°10	27°28	24°50	14°35	2°23	10°33	26°39	28° 3	5°12	0°30	S 21
S 22	6 13 23	3°45'38	15°40	28°54	16°48	4°23	27°22	24°51	14°38	2°21	10°33	26°37	27°59	5°19	0°31	S 22
M23	6 17 19	4°46'49	27°29	0♑31	18° 3	4°36	27°17	24°52	14°41	2°20	10°34	26°D36	27°56	5°25	0°32	M23
T 24	6 21 16	5°48'00	9♒20	2° 8	19°19	4°49	27°12	24°53	14°44	2°18	10°35	26°37	27°53	5°32	0°33	T 24
W25	6 25 12	6°49'09	21°18	3°46	20°34	5° 3	27° 7	24°53	14°46	2°17	10°35	26°38	27°50	5°39	0°34	W25
T 26	6 29 9	7°50'18	3♓25	5°25	21°49	5°18	27° 3	24°54	14°49	2°16	10°36	26°40	27°47	5°45	0°35	T 26
F 27	6 33 6	8°51'27	15°45	7° 4	23° 4	5°33	26°59	24°55	14°52	2°14	10°36	26°41	27°43	5°52	0°36	F 27
S 28	6 37 2	9°52'34	28°22	8°43	24°19	5°48	26°54	24°55	14°55	2°13	10°37	26°42	27°40	5°59	0°37	S 28
S 29	6 40 59	10°53'40	11♈20	10°23	25°34	6° 4	26°50	24°55	14°58	2°12	10°37	26°R43	27°37	6° 5	0°38	S 29
M30	6 44 55	11°54'45	24°43	12° 4	26°50	6°21	26°46	24°56	15° 1	2°11	10°38	26°42	27°34	6°12	0°39	M30
T 31	6 48 52	12♑55'50	8♉32	13♑45	28♑ 5	6♉38	26♉43	24♍56	15♒ 4	2♊ 9	10♎38	26♑41	27♑31	6♑18	0♈40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s26	5n16	4n40	18s56	0n35	23s54	0s38	13n33	1n15	19n31	0s44	4n27	2n16	17s29	0s42	19n19	1s36	11n27	16n54	20s46	20s29	25s50	2n54	2n58
M 2	22 33	10 59	5 3	19 24	0 28	24 1	0 41	13 34	1 17	19 29	0 44	4 26	2 17	17 28	0 42	19 19	1 36	11 27	16 54	20 47	20 29	25 49	2 54	2 58
T 3	22 41	16 22	5 9	19 51	0 21	24 7	0 43	13 35	1 18	19 28	0 43	4 25	2 17	17 27	0 42	19 19	1 36	11 27	16 55	20 48	20 30	25 48	2 54	2 58
W 4	22 48	21 1	4 56	20 17	0 13	24 13	0 45	13 37	1 20	19 26	0 43	4 24	2 17	17 27	0 42	19 18	1 35	11 27	16 55	20 50	20 31	25 47	2 53	2 58
T 5	22 54	24 26	4 23	20 42	0 6	24 18	0 47	13 38	1 21	19 25	0 43	4 23	2 18	17 26	0 42	19 18	1 35	11 27	16 56	20 51	20 31	25 46	2 53	2 57
F 6	23 0	26 11	3 30	21 7	0s 1	24 23	0 49	13 40	1 22	19 23	0 43	4 22	2 18	17 25	0 42	19 18	1 35	11 27	16 56	20 52	20 32	25 45	2 53	2 57
S 7	23 6	25 59	2 23	21 30	0 8	24 26	0 51	13 42	1 23	19 22	0 43	4 21	2 18	17 25	0 42	19 17	1 35	11 27	16 57	20 53	20 33	25 45	2 53	2 57
S 8	23 11	23 50	1 5	21 53	0 15	24 29	0 53	13 44	1 25	19 21	0 43	4 20	2 18	17 24	0 42	19 17	1 35	11 27	16 57	20 53	20 33	25 44	2 52	2 57
M 9	23 16	20 3	0s16	22 14	0 22	24 31	0 55	13 46	1 26	19 19	0 42	4 20	2 19	17 23	0 42	19 17	1 35	11 27	16 58	20 53	20 34	25 43	2 52	2 56
T 10	23 20	15 5	1 34	22 35	0 29	24 32	0 57	13 49	1 27	19 18	0 42	4 19	2 19	17 22	0 42	19 16	1 35	11 27	16 58	20 53	20 35	25 42	2 52	2 56
W11	23 23	9 26	2 44	22 55	0 35	24 33	0 59	13 52	1 28	19 17	0 42	4 18	2 19	17 22	0 42	19 16	1 35	11 27	16 59	20 53	20 35	25 40	2 52	2 56
T 12	23 27	3 30	3 43	23 13	0 42	24 33	1 1	13 55	1 29	19 15	0 42	4 18	2 19	17 21	0 42	19 16	1 35	11 27	16 59	20 53	20 36	25 39	2 52	2 56
F 13	23 29	2s25	4 28	23 30	0 48	24 32	1 3	13 58	1 30	19 14	0 42	4 17	2 20	17 20	0 42	19 16	1 35	11 27	17 0	20 53	20 37	25 38	2 52	2 56
S 14	23 32	8 4	4 57	23 47	0 54	24 30	1 4	14 2	1 31	19 13	0 41	4 17	2 20	17 19	0 42	19 15	1 35	11 27	17 0	20 53	20 37	25 37	2 51	2 55
S 15	23 34	13 15	5 12	24 2	1 0	24 27	1 6	14 5	1 32	19 11	0 41	4 16	2 20	17 19	0 42	19 15	1 35	11 27	17 1	20 53	20 38	25 36	2 51	2 55
M16	23 35	17 47	5 11	24 16	1 5	24 24	1 8	14 9	1 33	19 10	0 41	4 16	2 21	17 18	0 42	19 15	1 35	11 28	17 2	20 54	20 38	25 35	2 51	2 55
T 17	23 36	21 30	4 56	24 28	1 11	24 20	1 9	14 13	1 34	19 9	0 41	4 15	2 21	17 17	0 42	19 15	1 35	11 28	17 2	20 55	20 39	25 34	2 51	2 55
W18	23 36	24 15	4 28	24 39	1 16	24 15	1 11	14 17	1 34	19 8	0 40	4 15	2 21	17 16	0 42	19 14	1 35	11 28	17 3	20 56	20 40	25 33	2 51	2 54
T 19	23 36	25 53	3 48	24 49	1 21	24 10	1 13	14 21	1 35	19 7	0 40	4 15	2 21	17 16	0 42	19 14	1 35	11 28	17 3	20 57	20 40	25 32	2 51	2 54
F 20	23 35	26 20	2 59	24 58	1 26	24 3	1 14	14 26	1 36	19 6	0 40	4 15	2 22	17 15	0 42	19 14	1 35	11 28	17 4	20 58	20 41	25 31	2 51	2 54
S 21	23 34	25 35	2 2	25 5	1 31	23 56	1 15	14 31	1 37	19 5	0 40	4 14	2 22	17 14	0 42	19 14	1 35	11 29	17 4	20 58	20 42	25 30	2 51	2 54
S 22	23 33	23 40	1 0	25 11	1 35	23 49	1 17	14 35	1 37	19 4	0 40	4 14	2 22	17 13	0 42	19 13	1 35	11 29	17 5	20 59	20 42	25 29	2 52	2 54
M23	23 31	20 44	0n 5	25 15	1 39	23 40	1 18	14 40	1 38	19 3	0 39	4 14	2 23	17 12	0 42	19 13	1 35	11 29	17 5	20 59	20 43	25 28	2 52	2 53
T 24	23 28	16 55	1 10	25 18	1 43	23 31	1 19	14 46	1 39	19 2	0 39	4 14	2 23	17 11	0 42	19 13	1 35	11 29	17 6	20 59	20 44	25 27	2 52	2 53
W25	23 26	12 24	2 12	25 19	1 47	23 21	1 21	14 51	1 39	19 1	0 39	4 14	2 23	17 10	0 41	19 13	1 35	11 30	17 7	20 58	20 44	25 26	2 52	2 53
T 26	23 22	7 22	3 10	25 19	1 50	23 10	1 22	14 56	1 40	19 0	0 39	4 14	2 24	17 10	0 41	19 12	1 35	11 30	17 7	20 58	20 45	25 25	2 52	2 53
F 27	23 18	1 59	4 0	25 17	1 53	22 59	1 23	15 2	1 40	19 0	0 38	4 14	2 24	17 9	0 41	19 12	1 35	11 30	17 8	20 58	20 45	25 23	2 52	2 52
S 28	23 14	3n37	4 39	25 14	1 55	22 47	1 24	15 8	1 41	18 59	0 38	4 14	2 24	17 8	0 41	19 12	1 35	11 31	17 8	20 57	20 46	25 22	2 53	2 52
S 29	23 9	9 12	5 6	25 9	1 58	22 34	1 25	15 14	1 41	18 58	0 38	4 14	2 24	17 7	0 41	19 12	1 35	11 31	17 9	20 57	20 47	25 21	2 53	2 52
M30	23 4	14 32	5 17	25 2	2 0	22 20	1 26	15 19	1 42	18 57	0 38	4 14	2 25	17 6	0 41	19 12	1 35	11 31	17 9	20 57	20 47	25 20	2 53	2 52
T 31	22s58	19n20	5n10	24s54	2s 1	22s 6	1s27	15n26	1n42	18n57	0s38	4n15	2n25	17s 5	0s41	19n11	1s35	11n32	17n10	20s58	20s48	25s19	2n53	2n52

Julian Day Number = 1992772.5, Delta T = 54m17s
Ecliptic obliquity = 23°36'10, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'35, Lahiri = 6°21'35 Julian Calendar 1 Dec. 743 == Greg. Calendar 5 Dec. 743

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ASTRODIENST EPHEMERIS for the year 744
geocentric

JANUARY 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 52 48	13♑56'53	22♉47	15♑27	29♑20	6♉55	26°R39	24°R56	15♒ 7	2°R 8	10♎38	26°R40	27♑28	6♑25	0♈42	W 1
T 2	6 56 45	14°57'55	7♊28	17° 9	0♒35	7°13	26♉36	24♍56	15°10	2♊ 7	10°39	26♑38	27°24	6°32	0°43	T 2
F 3	7 0 41	15°58'56	22°28	18°52	1°50	7°31	26°33	24°56	15°14	2° 6	10°39	26°37	27°21	6°38	0°44	F 3
S 4	7 4 38	16°59'56	7♋40	20°36	3° 5	7°50	26°30	24°55	15°17	2° 5	10°39	26°36	27°18	6°45	0°46	S 4
S 5	7 8 35	18° 0'55	22°54	22°20	4°20	8° 9	26°27	24°55	15°20	2° 4	10°39	26°D36	27°15	6°52	0°47	S 5
M 6	7 12 31	19° 1'53	8♌ 0	24° 4	5°35	8°29	26°25	24°54	15°23	2° 3	10°40	26°36	27°12	6°58	0°49	M 6
T 7	7 16 28	20° 2'50	22°50	25°49	6°50	8°48	26°23	24°54	15°26	2° 2	10°40	26°36	27° 9	7° 5	0°51	T 7
W 8	7 20 24	21° 3'46	7♍17	27°35	8° 5	9° 9	26°21	24°53	15°29	2° 1	10°40	26°37	27° 5	7°12	0°52	W 8
T 9	7 24 21	22° 4'42	21°17	29°21	9°20	9°29	26°19	24°52	15°33	2° 0	10°40	26°37	27° 2	7°18	0°54	T 9
F 10	7 28 17	23° 5'36	4♎50	1♒ 7	10°35	9°50	26°17	24°51	15°36	1°59	10°R40	26°38	26°59	7°25	0°56	F 10
S 11	7 32 14	24° 6'29	17°57	2°53	11°50	10°12	26°16	24°50	15°39	1°58	10°40	26°38	26°56	7°32	0°57	S 11
S 12	7 36 11	25° 7'22	0♏40	4°40	13° 5	10°34	26°14	24°49	15°42	1°57	10°40	26°R38	26°53	7°38	0°59	S 12
M13	7 40 7	26° 8'14	13° 4	6°26	14°19	10°56	26°13	24°48	15°46	1°56	10°40	26°D38	26°49	7°45	1° 1	M13
T 14	7 44 4	27° 9'05	25°13	8°12	15°34	11°18	26°12	24°46	15°49	1°55	10°39	26°38	26°46	7°52	1° 3	T 14
W15	7 48 0	28° 9'54	7♐11	9°58	16°49	11°41	26°12	24°45	15°52	1°54	10°39	26°38	26°43	7°58	1° 5	W15
T 16	7 51 57	29°10'43	19° 2	11°43	18° 4	12° 4	26°11	24°43	15°56	1°54	10°39	26°38	26°40	8° 5	1° 7	T 16
F 17	7 55 53	0♒11'31	0♑50	13°27	19°19	12°27	26°11	24°42	15°59	1°53	10°39	26°39	26°37	8°12	1° 9	F 17
S 18	7 59 50	1°12'17	12°37	15°10	20°33	12°51	26°D11	24°40	16° 2	1°52	10°39	26°39	26°34	8°18	1°11	S 18
S 19	8 3 46	2°13'02	24°26	16°51	21°48	13°15	26°11	24°38	16° 6	1°52	10°38	26°R39	26°30	8°25	1°14	S 19
M20	8 7 43	3°13'46	6♒20	18°31	23° 3	13°39	26°11	24°36	16° 9	1°51	10°38	26°39	26°27	8°32	1°16	M20
T 21	8 11 40	4°14'28	18°21	20° 7	24°18	14° 3	26°12	24°34	16°13	1°50	10°38	26°38	26°24	8°38	1°18	T 21
W22	8 15 36	5°15'08	0♓30	21°41	25°32	14°28	26°13	24°32	16°16	1°50	10°37	26°37	26°21	8°45	1°20	W22
T 23	8 19 33	6°15'47	12°49	23°11	26°47	14°53	26°14	24°30	16°19	1°49	10°37	26°36	26°18	8°52	1°23	T 23
F 24	8 23 29	7°16'24	25°20	24°37	28° 1	15°19	26°15	24°27	16°23	1°49	10°36	26°35	26°15	8°58	1°25	F 24
S 25	8 27 26	8°16'59	8♈ 5	25°58	29°16	15°44	26°16	24°25	16°26	1°48	10°36	26°33	26°11	9° 5	1°28	S 25
S 26	8 31 22	9°17'33	21° 6	27°13	0♓31	16°10	26°18	24°22	16°30	1°48	10°35	26°32	26° 8	9°12	1°30	S 26
M27	8 35 19	10°18'04	4♉26	28°22	1°45	16°36	26°19	24°20	16°33	1°47	10°35	26°D31	26° 5	9°18	1°33	M27
T 28	8 39 15	11°18'34	18° 6	29°24	3° 0	17° 2	26°21	24°17	16°37	1°47	10°34	26°31	26° 2	9°25	1°35	T 28
W29	8 43 12	12°19'02	2♊ 6	0♓19	4°14	17°29	26°24	24°14	16°40	1°47	10°33	26°32	25°59	9°31	1°38	W29
T 30	8 47 9	13°19'28	16°26	1° 5	5°28	17°55	26°26	24°11	16°44	1°46	10°33	26°33	25°55	9°38	1°40	T 30
F 31	8 51 5	14♒19'52	1♋ 5	1♓43	6♓43	18♉22	26♉28	24♍ 8	16♒47	1♊46	10♎32	26♑35	25♑52	9♑45	1♈43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s52	23n11	4n45	24s44	2s 2	21s51	1s28	15n32	1n43	18n56	0s37	4n15	2n25	17s 4	0s41	19n11	1s35	11n32	17n11	20s58	20s49	25s18	2n54	2n51
T 2	22 45	25 39	4 0	24 32	2 3	21 36	1 28	15 38	1 43	18 56	0 37	4 15	2 26	17 3	0 41	19 11	1 35	11 33	17 11	20 58	20 49	25 17	2 54	2 51
F 3	22 38	26 21	2 58	24 18	2 4	21 20	1 29	15 44	1 43	18 55	0 37	4 15	2 26	17 2	0 41	19 11	1 34	11 33	17 12	20 59	20 50	25 15	2 54	2 51
S 4	22 31	25 6	1 43	24 3	2 4	21 3	1 30	15 51	1 44	18 55	0 37	4 16	2 26	17 1	0 41	19 11	1 34	11 34	17 12	20 59	20 51	25 14	2 55	2 51
S 5	22 23	21 59	0 21	23 46	2 3	20 46	1 30	15 58	1 44	18 54	0 36	4 16	2 26	17 0	0 41	19 10	1 34	11 34	17 13	20 59	20 51	25 13	2 55	2 51
M 6	22 14	17 23	1s 3	23 27	2 2	20 28	1 31	16 4	1 44	18 54	0 36	4 17	2 27	16 59	0 41	19 10	1 34	11 34	17 14	20 59	20 52	25 12	2 56	2 50
T 7	22 6	11 47	2 21	23 6	2 1	20 10	1 31	16 11	1 45	18 54	0 36	4 17	2 27	16 58	0 41	19 10	1 34	11 35	17 14	20 59	20 52	25 11	2 56	2 50
W 8	21 56	5 41	3 28	22 43	1 58	19 51	1 31	16 18	1 45	18 53	0 36	4 18	2 27	16 57	0 41	19 10	1 34	11 35	17 15	20 59	20 53	25 9	2 57	2 50
T 9	21 47	0s30	4 20	22 19	1 56	19 31	1 32	16 25	1 45	18 53	0 35	4 18	2 28	16 56	0 41	19 10	1 34	11 36	17 15	20 58	20 54	25 8	2 57	2 50
F 10	21 37	6 27	4 55	21 53	1 53	19 11	1 32	16 32	1 45	18 53	0 35	4 19	2 28	16 56	0 41	19 10	1 34	11 36	17 16	20 58	20 54	25 7	2 58	2 49
S 11	21 26	11 55	5 14	21 25	1 49	18 50	1 32	16 39	1 46	18 53	0 35	4 20	2 28	16 55	0 41	19 10	1 34	11 37	17 16	20 58	20 55	25 6	2 58	2 49
S 12	21 15	16 44	5 17	20 55	1 45	18 29	1 32	16 46	1 46	18 53	0 35	4 20	2 28	16 54	0 41	19 9	1 34	11 37	17 17	20 58	20 55	25 5	2 59	2 49
M13	21 4	20 42	5 5	20 24	1 39	18 7	1 32	16 53	1 46	18 53	0 34	4 21	2 29	16 53	0 41	19 9	1 34	11 38	17 18	20 58	20 56	25 3	2 59	2 49
T 14	20 52	23 43	4 39	19 51	1 34	17 45	1 32	17 0	1 46	18 53	0 34	4 22	2 29	16 52	0 41	19 9	1 34	11 39	17 18	20 58	20 57	25 2	3 0	2 49
W15	20 40	25 38	4 2	19 16	1 27	17 22	1 32	17 8	1 47	18 53	0 34	4 23	2 29	16 51	0 41	19 9	1 34	11 39	17 19	20 58	20 57	25 1	3 0	2 48
T 16	20 28	26 22	3 14	18 40	1 20	16 59	1 32	17 15	1 47	18 53	0 34	4 24	2 29	16 50	0 41	19 9	1 34	11 40	17 19	20 58	20 58	25 0	3 1	2 48
F 17	20 15	25 55	2 19	18 3	1 12	16 35	1 32	17 22	1 47	18 53	0 34	4 25	2 30	16 49	0 41	19 9	1 34	11 40	17 20	20 58	20 59	24 58	3 2	2 48
S 18	20 2	24 17	1 17	17 24	1 4	16 11	1 31	17 30	1 47	18 53	0 33	4 25	2 30	16 47	0 41	19 9	1 34	11 41	17 20	20 58	20 59	24 57	3 2	2 48
S 19	19 48	21 35	0 12	16 45	0 54	15 46	1 31	17 37	1 47	18 54	0 33	4 26	2 30	16 46	0 41	19 9	1 34	11 42	17 21	20 58	21 0	24 56	3 3	2 48
M20	19 34	17 57	0n54	16 5	0 44	15 21	1 30	17 45	1 47	18 54	0 33	4 27	2 30	16 45	0 41	19 9	1 34	11 42	17 21	20 58	21 0	24 55	3 4	2 47
T 21	19 20	13 34	1 58	15 24	0 33	14 56	1 30	17 52	1 47	18 54	0 33	4 29	2 31	16 44	0 41	19 9	1 34	11 43	17 22	20 58	21 1	24 53	3 5	2 47
W22	19 5	8 37	2 57	14 42	0 21	14 30	1 29	18 0	1 47	18 55	0 32	4 30	2 31	16 43	0 41	19 9	1 34	11 44	17 23	20 58	21 2	24 52	3 5	2 47
T 23	18 50	3 16	3 49	14 1	0 9	14 3	1 29	18 7	1 48	18 55	0 32	4 31	2 31	16 42	0 41	19 8	1 33	11 44	17 23	20 59	21 2	24 51	3 6	2 47
F 24	18 35	2n17	4 31	13 20	0n 5	13 37	1 28	18 15	1 48	18 56	0 32	4 32	2 32	16 41	0 41	19 8	1 33	11 45	17 24	20 59	21 3	24 49	3 7	2 47
S 25	18 19	7 49	5 1	12 40	0 18	13 10	1 27	18 23	1 48	18 56	0 32	4 33	2 32	16 40	0 41	19 8	1 33	11 46	17 24	20 59	21 3	24 48	3 8	2 47
S 26	18 3	13 9	5 16	12 0	0 33	12 43	1 26	18 30	1 48	18 57	0 32	4 34	2 32	16 39	0 41	19 8	1 33	11 46	17 25	20 59	21 4	24 47	3 8	2 46
M27	17 47	18 0	5 14	11 23	0 48	12 15	1 25	18 38	1 48	18 57	0 31	4 36	2 32	16 38	0 41	19 8	1 33	11 47	17 25	21 0	21 5	24 46	3 9	2 46
T 28	17 30	22 3	4 55	10 46	1 3	11 47	1 24	18 46	1 48	18 58	0 31	4 37	2 32	16 37	0 41	19 8	1 33	11 48	17 26	21 0	21 5	24 44	3 10	2 46
W29	17 13	24 56	4 18	10 13	1 19	11 19	1 23	18 53	1 48	18 59	0 31	4 38	2 33	16 36	0 41	19 8	1 33	11 48	17 26	20 59	21 6	24 43	3 11	2 46
T 30	16 56	26 18	3 24	9 42	1 34	10 50	1 22	19 1	1 48	19 0	0 31	4 40	2 33	16 35	0 41	19 8	1 33	11 49	17 27	20 59	21 6	24 42	3 12	2 46
F 31	16s39	25n52	2n17	9s13	1n50	10s21	1s21	19n 8	1n48	19n 0	0s30	4n41	2n33	16s34	0s41	19n 8	1s33	11n50	17n27	20s59	21s 7	24s40	3n13	2n46

Julian Day Number = 1992803.5, Delta T = 54m16s
Ecliptic obliquity = 23°36'09, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'39, Lahiri = 6°21'39 Julian Calendar 1 Jan. 744 == Greg. Calendar 5 Jan. 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

FEBRUARY 744 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 55 2	15♒20'14	15♋56	2♓11	7♓57	18♉50	26♉31	24°R 5	16♒51	1°R46	10°R31	26♑35	25♑49	9♑51	1♈46	S 1
S 2	8 58 58	16°20'34	0♌55	2°30	9°11	19°17	26°34	24♍ 2	16°54	1♊46	10♎30	26°R36	25°46	9°58	1°48	S 2
M 3	9 2 55	17°20'52	15°52	2°R38	10°26	19°45	26°37	23°59	16°57	1°45	10°30	26°35	25°43	10° 5	1°51	M 3
T 4	9 6 51	18°21'08	0♍40	2°37	11°40	20°12	26°40	23°56	17° 1	1°45	10°29	26°33	25°40	10°11	1°54	T 4
W 5	9 10 48	19°21'22	15°11	2°27	12°54	20°40	26°44	23°52	17° 4	1°45	10°28	26°30	25°36	10°18	1°57	W 5
T 6	9 14 44	20°21'35	29°19	2° 6	14° 8	21° 8	26°48	23°49	17° 8	1°45	10°27	26°26	25°33	10°25	2° 0	T 6
F 7	9 18 41	21°21'46	13♎ 1	1°37	15°22	21°37	26°51	23°46	17°11	1°45	10°26	26°23	25°30	10°31	2° 3	F 7
S 8	9 22 38	22°21'56	26°16	1° 0	16°36	22° 5	26°55	23°42	17°15	1°D45	10°25	26°20	25°27	10°38	2° 6	S 8
S 9	9 26 34	23°22'03	9♏ 6	0°16	17°50	22°34	27° 0	23°38	17°18	1°45	10°24	26°18	25°24	10°45	2° 9	S 9
M10	9 30 31	24°22'10	21°33	29♒26	19° 4	23° 3	27° 4	23°35	17°22	1°45	10°23	26°D17	25°20	10°51	2°12	M10
T 11	9 34 27	25°22'14	3♐44	28°31	20°18	23°31	27° 9	23°31	17°25	1°45	10°22	26°17	25°17	10°58	2°15	T 11
W12	9 38 24	26°22'18	15°41	27°32	21°32	24° 1	27°13	23°27	17°28	1°45	10°21	26°18	25°14	11° 5	2°18	W12
T 13	9 42 20	27°22'19	27°31	26°32	22°46	24°30	27°18	23°23	17°32	1°45	10°20	26°20	25°11	11°11	2°21	T 13
F 14	9 46 17	28°22'19	9♑17	25°31	24° 0	24°59	27°23	23°19	17°35	1°46	10°19	26°22	25° 8	11°18	2°24	F 14
S 15	9 50 13	29°22'16	21° 5	24°31	25°14	25°29	27°29	23°15	17°39	1°46	10°18	26°R23	25° 5	11°25	2°27	S 15
S 16	9 54 10	0♓22'12	2♒58	23°33	26°27	25°59	27°34	23°11	17°42	1°46	10°17	26°23	25° 1	11°31	2°30	S 16
M17	9 58 7	1°22'07	15° 0	22°39	27°41	26°29	27°40	23° 7	17°46	1°46	10°15	26°21	24°58	11°38	2°33	M17
T 18	10 2 3	2°21'59	27°12	21°49	28°55	26°59	27°45	23° 3	17°49	1°47	10°14	26°18	24°55	11°44	2°37	T 18
W19	10 6 0	3°21'49	9♓36	21° 3	0♈ 8	27°29	27°51	22°59	17°52	1°47	10°13	26°13	24°52	11°51	2°40	W19
T 20	10 9 56	4°21'37	22°13	20°23	1°22	27°59	27°57	22°54	17°56	1°48	10°12	26° 6	24°49	11°58	2°43	T 20
F 21	10 13 53	5°21'23	5♈ 3	19°49	2°36	28°30	28° 4	22°50	17°59	1°48	10°10	25°59	24°46	12° 4	2°47	F 21
S 22	10 17 49	6°21'06	18° 7	19°22	3°49	29° 0	28°10	22°46	18° 2	1°48	10° 9	25°52	24°42	12°11	2°50	S 22
S 23	10 21 46	7°20'48	1♉23	19° 0	5° 2	29°31	28°16	22°41	18° 6	1°49	10° 8	25°46	24°39	12°18	2°53	S 23
M24	10 25 42	8°20'27	14°52	18°45	6°16	0♊ 2	28°23	22°37	18° 9	1°49	10° 6	25°42	24°36	12°24	2°57	M24
T 25	10 29 39	9°20'04	28°34	18°36	7°29	0°33	28°30	22°32	18°12	1°50	10° 5	25°40	24°33	12°31	3° 0	T 25
W26	10 33 35	10°19'39	12♊28	18°D34	8°42	1° 4	28°37	22°28	18°15	1°51	10° 4	25°D39	24°30	12°38	3° 3	W26
T 27	10 37 32	11°19'11	26°34	18°37	9°56	1°35	28°44	22°23	18°19	1°51	10° 2	25°40	24°26	12°44	3° 7	T 27
F 28	10 41 29	12°18'41	10♋51	18°46	11° 9	2° 6	28°51	22°19	18°22	1°52	10° 1	25°41	24°23	12°51	3°10	F 28
S 29	10 45 25	13♓18'08	25♋18	19♒ 0	12♈22	2♊38	28♉59	22♍14	18♒25	1♊53	9♎59	25°R42	24♑20	12♑58	3♈14	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s21	23n37	0n59	8s49	2n 6	9s52	1s19	19n16	1n48	19n 1	0s30	4n42	2n33	16s33	0s41	19n 8	1s33	11n51	17n28	20s59	21s 8	24s39	3n14	2n45
S 2	16 3	19 42	0s24	8 28	2 21	9 23	1 18	19 24	1 48	19 2	0 30	4 44	2 34	16 32	0 41	19 8	1 33	11 51	17 28	20 59	21 8	24 38	3 15	2 45
M 3	15 44	14 32	1 45	8 11	2 36	8 53	1 17	19 31	1 48	19 3	0 30	4 45	2 34	16 31	0 41	19 8	1 33	11 52	17 29	20 59	21 9	24 36	3 16	2 45
T 4	15 26	8 33	2 57	7 58	2 50	8 24	1 15	19 39	1 48	19 4	0 30	4 47	2 34	16 30	0 41	19 8	1 33	11 53	17 29	20 59	21 9	24 35	3 17	2 45
W 5	15 7	2 14	3 57	7 50	3 2	7 54	1 14	19 46	1 48	19 5	0 29	4 48	2 34	16 29	0 41	19 8	1 33	11 54	17 30	21 0	21 10	24 33	3 18	2 45
T 6	14 48	4s 0	4 40	7 47	3 14	7 23	1 12	19 54	1 48	19 6	0 29	4 50	2 34	16 28	0 41	19 8	1 33	11 54	17 30	21 1	21 11	24 32	3 19	2 45
F 7	14 29	9 52	5 6	7 48	3 24	6 53	1 10	20 1	1 48	19 7	0 29	4 52	2 35	16 27	0 41	19 8	1 33	11 55	17 31	21 1	21 11	24 31	3 20	2 44
S 8	14 9	15 5	5 15	7 53	3 33	6 22	1 9	20 9	1 48	19 8	0 29	4 53	2 35	16 26	0 41	19 9	1 33	11 56	17 31	21 2	21 12	24 29	3 21	2 44
S 9	13 49	19 28	5 7	8 2	3 39	5 52	1 7	20 16	1 48	19 10	0 28	4 55	2 35	16 24	0 41	19 9	1 32	11 57	17 31	21 2	21 12	24 28	3 22	2 44
M10	13 29	22 51	4 45	8 15	3 44	5 21	1 5	20 24	1 47	19 11	0 28	4 56	2 35	16 23	0 41	19 9	1 32	11 57	17 32	21 2	21 13	24 26	3 23	2 44
T 11	13 9	25 8	4 10	8 32	3 46	4 50	1 3	20 31	1 47	19 12	0 28	4 58	2 35	16 22	0 41	19 9	1 32	11 58	17 32	21 2	21 13	24 25	3 24	2 44
W12	12 49	26 14	3 25	8 52	3 47	4 19	1 1	20 38	1 47	19 13	0 28	5 0	2 36	16 21	0 41	19 9	1 32	11 59	17 33	21 2	21 14	24 24	3 25	2 44
T 13	12 28	26 7	2 32	9 14	3 45	3 48	0 59	20 45	1 47	19 15	0 28	5 1	2 36	16 20	0 41	19 9	1 32	12 0	17 33	21 2	21 15	24 22	3 26	2 43
F 14	12 7	24 49	1 32	9 38	3 41	3 16	0 57	20 53	1 47	19 16	0 27	5 3	2 36	16 19	0 41	19 9	1 32	12 1	17 34	21 1	21 15	24 21	3 27	2 43
S 15	11 46	22 25	0 29	10 3	3 36	2 45	0 55	21 0	1 47	19 17	0 27	5 5	2 36	16 18	0 41	19 9	1 32	12 1	17 34	21 1	21 16	24 19	3 28	2 43
S 16	11 25	19 3	0n36	10 29	3 28	2 13	0 53	21 7	1 47	19 19	0 27	5 7	2 36	16 17	0 41	19 9	1 32	12 2	17 34	21 1	21 16	24 18	3 30	2 43
M17	11 4	14 51	1 40	10 55	3 19	1 42	0 50	21 14	1 47	19 20	0 27	5 8	2 36	16 16	0 41	19 9	1 32	12 3	17 35	21 2	21 17	24 17	3 31	2 43
T 18	10 42	10 1	2 40	11 22	3 8	1 10	0 48	21 21	1 47	19 22	0 27	5 10	2 37	16 15	0 41	19 9	1 32	12 4	17 35	21 2	21 18	24 15	3 32	2 43
W19	10 20	4 43	3 34	11 47	2 57	0 38	0 46	21 28	1 47	19 23	0 26	5 12	2 37	16 14	0 41	19 10	1 32	12 5	17 35	21 3	21 18	24 14	3 33	2 43
T 20	9 59	0n50	4 18	12 12	2 44	0 7	0 43	21 35	1 47	19 25	0 26	5 14	2 37	16 13	0 41	19 10	1 32	12 6	17 36	21 4	21 19	24 12	3 34	2 43
F 21	9 37	6 27	4 50	12 35	2 31	0n25	0 41	21 41	1 46	19 26	0 26	5 16	2 37	16 12	0 41	19 10	1 32	12 6	17 36	21 6	21 19	24 11	3 35	2 42
S 22	9 15	11 52	5 7	12 57	2 17	0 57	0 38	21 48	1 46	19 28	0 26	5 18	2 37	16 11	0 41	19 10	1 32	12 7	17 37	21 7	21 20	24 9	3 37	2 42
S 23	8 52	16 51	5 8	13 17	2 3	1 28	0 36	21 55	1 46	19 30	0 26	5 19	2 37	16 10	0 41	19 10	1 32	12 8	17 37	21 8	21 20	24 8	3 38	2 42
M24	8 30	21 4	4 53	13 36	1 48	2 0	0 33	22 1	1 46	19 31	0 25	5 21	2 37	16 9	0 41	19 10	1 32	12 9	17 37	21 9	21 21	24 6	3 39	2 42
T 25	8 7	24 12	4 20	13 52	1 34	2 31	0 30	22 8	1 46	19 33	0 25	5 23	2 37	16 8	0 41	19 11	1 32	12 10	17 37	21 9	21 22	24 5	3 40	2 42
W26	7 45	25 57	3 32	14 7	1 19	3 3	0 28	22 14	1 46	19 35	0 25	5 25	2 38	16 7	0 41	19 11	1 31	12 10	17 38	21 9	21 22	24 3	3 42	2 42
T 27	7 22	26 4	2 31	14 19	1 5	3 34	0 25	22 21	1 46	19 37	0 25	5 27	2 38	16 6	0 41	19 11	1 31	12 11	17 38	21 9	21 23	24 2	3 43	2 42
F 28	6 59	24 28	1 19	14 30	0 51	4 6	0 22	22 27	1 45	19 38	0 25	5 29	2 38	16 5	0 41	19 11	1 31	12 12	17 38	21 9	21 23	24 0	3 44	2 42
S 29	6s36	21n15	0n 2	14s39	0n37	4n37	0s20	22n33	1n45	19n40	0s25	5n31	2n38	16s 4	0s41	19n11	1s31	12n13	17n39	21s 9	21s24	23s59	3n45	2n41

Julian Day Number = 1992834.5, Delta T = 54m15s
Ecliptic obliquity = 23°36'10, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'43, Lahiri = 6°21'44 Julian Calendar 1 Feb. 744 == Greg. Calendar 5 Feb. 744

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 744
geocentric

MARCH 744 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 49 22	14♓17'33	9♌51	19♒20	13♈35	3♊ 9	29♉ 6	22°R10	18♒28	1♊53	9°R58	25°R41	24♑17	13♑ 4	3♈17	S 1
M 2	10 53 18	15°16'56	24°25	19°44	14°48	3°41	29°14	22♍ 5	18°32	1°54	9♎56	25♑38	24°14	13°11	3°21	M 2
T 3	10 57 15	16°16'17	8♍54	20°13	16° 1	4°13	29°22	22° 1	18°35	1°55	9°55	25°33	24°11	13°18	3°24	T 3
W 4	11 1 11	17°15'35	23°12	20°47	17°14	4°44	29°30	21°56	18°38	1°56	9°53	25°25	24° 7	13°24	3°28	W 4
T 5	11 5 8	18°14'51	7♎13	21°24	18°26	5°16	29°38	21°51	18°41	1°57	9°52	25°17	24° 4	13°31	3°31	T 5
F 6	11 9 4	19°14'05	20°53	22° 6	19°39	5°48	29°46	21°47	18°44	1°58	9°50	25° 8	24° 1	13°37	3°35	F 6
S 7	11 13 1	20°13'18	4♏ 9	22°51	20°52	6°20	29°55	21°42	18°47	1°58	9°49	24°59	23°58	13°44	3°38	S 7
S 8	11 16 58	21°12'28	17° 1	23°39	22° 4	6°53	0♊ 3	21°37	18°50	1°59	9°47	24°52	23°55	13°51	3°42	S 8
M 9	11 20 54	22°11'37	29°32	24°31	23°17	7°25	0°12	21°33	18°53	2° 0	9°46	24°47	23°52	13°57	3°45	M 9
T 10	11 24 51	23°10'44	11♐45	25°26	24°29	7°57	0°21	21°28	18°56	2° 1	9°44	24°45	23°48	14° 4	3°49	T 10
W11	11 28 47	24° 9'49	23°44	26°24	25°42	8°30	0°30	21°23	18°59	2° 2	9°42	24°D44	23°45	14°11	3°53	W11
T 12	11 32 44	25° 8'52	5♑34	27°25	26°54	9° 2	0°39	21°19	19° 2	2° 4	9°41	24°44	23°42	14°17	3°56	T 12
F 13	11 36 40	26° 7'53	17°22	28°28	28° 6	9°35	0°48	21°14	19° 5	2° 5	9°39	24°45	23°39	14°24	4° 0	F 13
S 14	11 40 37	27° 6'53	29°12	29°34	29°19	10° 7	0°57	21° 9	19° 8	2° 6	9°37	24°R45	23°36	14°31	4° 3	S 14
S 15	11 44 33	28° 5'51	11♒ 9	0♓43	0♉31	10°40	1° 6	21° 5	19°11	2° 7	9°36	24°44	23°32	14°37	4° 7	S 15
M16	11 48 30	29° 4'46	23°17	1°53	1°43	11°13	1°16	21° 0	19°14	2° 8	9°34	24°40	23°29	14°44	4°11	M16
T 17	11 52 27	0♈ 3'40	5♓40	3° 6	2°55	11°46	1°25	20°56	19°17	2° 9	9°33	24°34	23°26	14°51	4°14	T 17
W18	11 56 23	1° 2'32	18°19	4°21	4° 7	12°19	1°35	20°51	19°19	2°11	9°31	24°25	23°23	14°57	4°18	W18
T 19	12 0 20	2° 1'22	1♈15	5°38	5°19	12°52	1°45	20°46	19°22	2°12	9°29	24°14	23°20	15° 4	4°22	T 19
F 20	12 4 16	3° 0'09	14°28	6°57	6°31	13°25	1°55	20°42	19°25	2°13	9°28	24° 3	23°17	15°11	4°25	F 20
S 21	12 8 13	3°58'55	27°56	8°18	7°42	13°58	2° 5	20°37	19°28	2°15	9°26	23°51	23°13	15°17	4°29	S 21
S 22	12 12 9	4°57'39	11♉35	9°41	8°54	14°32	2°15	20°33	19°30	2°16	9°24	23°41	23°10	15°24	4°33	S 22
M23	12 16 6	5°56'20	25°24	11° 6	10° 6	15° 5	2°25	20°29	19°33	2°17	9°22	23°33	23° 7	15°30	4°36	M23
T 24	12 20 2	6°54'59	9♊20	12°33	11°17	15°39	2°35	20°24	19°36	2°19	9°21	23°28	23° 4	15°37	4°40	T 24
W25	12 23 59	7°53'36	23°21	14° 1	12°29	16°12	2°46	20°20	19°38	2°20	9°19	23°25	23° 1	15°44	4°43	W25
T 26	12 27 56	8°52'11	7♋26	15°31	13°40	16°46	2°56	20°16	19°41	2°22	9°17	23°D25	22°57	15°50	4°47	T 26
F 27	12 31 52	9°50'44	21°33	17° 3	14°51	17°19	3° 7	20°11	19°43	2°23	9°16	23°R25	22°54	15°57	4°51	F 27
S 28	12 35 49	10°49'14	5♌42	18°37	16° 2	17°53	3°17	20° 7	19°46	2°25	9°14	23°24	22°51	16° 4	4°54	S 28
S 29	12 39 45	11°47'42	19°51	20°12	17°14	18°27	3°28	20° 3	19°48	2°26	9°12	23°22	22°48	16°10	4°58	S 29
M30	12 43 42	12°46'07	3♍59	21°49	18°25	19° 0	3°39	19°59	19°51	2°28	9°11	23°18	22°45	16°17	5° 2	M30
T 31	12 47 38	13♈44'31	18♍ 2	23♓28	19♉36	19♊34	3♊50	19♍55	19♒53	2♊29	9♎ 9	23♑10	22♑42	16♑24	5♈ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	6s13	16n41	1s16	14s46	0n23	5n 8	0s17	22n39	1n45	19n42	0s24	5n33	2n38	16s 3	0s41	19n11	1s31	12n14	17n39	21s 9	21s24	23s57	3n47	2n41	
M 2	5 50	11 8	2 29	14 50	0 10	5 39	0 14	22 45	1 45	19 44	0 24	5 35	2 38	16 2	0 41	19 12	1 31	12 14	17 39	21 10	21 25	23 56	3 48	2 41	
T 3	5 27	5 2	3 31	14 53	0s 3	6 10	0 11	22 51	1 45	19 46	0 24	5 37	2 38	16 1	0 41	19 12	1 31	12 15	17 39	21 11	21 25	23 54	3 49	2 41	
W 4	5 4	1s15	4 20	14 54	0 15	6 41	0 8	22 57	1 45	19 48	0 24	5 38	2 38	16 0	0 41	19 12	1 31	12 16	17 40	21 12	21 26	23 53	3 51	2 41	
T 5	4 41	7 20	4 51	14 53	0 26	7 12	0 5	23 2	1 44	19 50	0 24	5 40	2 38	15 59	0 42	19 12	1 31	12 17	17 40	21 14	21 27	23 51	3 52	2 41	
F 6	4 17	12 55	5 5	14 50	0 38	7 42	0 2	23 8	1 44	19 52	0 23	5 42	2 38	15 58	0 42	19 13	1 31	12 18	17 40	21 15	21 27	23 50	3 53	2 41	
S 7	3 54	17 43	5 2	14 45	0 48	8 13	0n 1	23 13	1 44	19 53	0 23	5 44	2 38	15 57	0 42	19 13	1 31	12 18	17 40	21 17	21 28	23 48	3 55	2 41	
S 8	3 31	21 34	4 44	14 39	0 59	8 43	0 4	23 19	1 44	19 55	0 23	5 46	2 38	15 56	0 42	19 13	1 31	12 19	17 41	21 18	21 28	23 46	3 56	2 41	
M 9	3 7	24 17	4 12	14 31	1 8	9 13	0 7	23 24	1 44	19 57	0 23	5 48	2 38	15 55	0 42	19 13	1 31	12 20	17 41	21 19	21 29	23 45	3 57	2 41	
T 10	2 44	25 48	3 30	14 21	1 17	9 43	0 10	23 29	1 44	19 59	0 23	5 50	2 38	15 54	0 42	19 14	1 31	12 21	17 41	21 19	21 29	23 43	3 59	2 40	
W11	2 20	26 5	2 38	14 9	1 26	10 12	0 13	23 34	1 43	20 2	0 23	5 52	2 38	15 54	0 42	19 14	1 31	12 22	17 41	21 20	21 30	23 42	4 0	2 40	
T 12	1 56	25 10	1 41	13 55	1 34	10 41	0 16	23 39	1 43	20 4	0 22	5 54	2 38	15 53	0 42	19 14	1 31	12 22	17 41	21 19	21 30	23 40	4 1	2 40	
F 13	1 33	23 7	0 40	13 40	1 42	11 10	0 19	23 44	1 43	20 6	0 22	5 55	2 39	15 52	0 42	19 14	1 31	12 23	17 41	21 19	21 31	23 39	4 3	2 40	
S 14	1 9	20 4	0n24	13 24	1 49	11 39	0 22	23 49	1 43	20 8	0 22	5 57	2 39	15 51	0 42	19 15	1 30	12 24	17 42	21 19	21 32	23 37	4 4	2 40	
S 15	0 46	16 10	1 27	13 5	1 55	12 8	0 26	23 53	1 43	20 10	0 22	5 59	2 39	15 50	0 42	19 15	1 30	12 25	17 42	21 20	21 32	23 35	4 6	2 40	
M16	0 22	11 33	2 26	12 46	2 1	12 36	0 29	23 58	1 42	20 12	0 22	6 1	2 39	15 49	0 42	19 15	1 30	12 25	17 42	21 20	21 33	23 34	4 7	2 40	
T 17	0n 1	6 24	3 20	12 24	2 7	13 4	0 32	24 2	1 42	20 14	0 22	6 3	2 39	15 48	0 42	19 16	1 30	12 26	17 42	21 21	21 33	23 32	4 8	2 40	
W18	0 25	0 54	4 5	12 1	2 12	13 32	0 35	24 7	1 42	20 16	0 21	6 5	2 39	15 47	0 42	19 16	1 30	12 27	17 42	21 23	21 34	23 31	4 10	2 40	
T 19	0 49	4n45	4 39	11 37	2 16	13 59	0 38	24 11	1 42	20 18	0 21	6 6	2 38	15 46	0 42	19 16	1 30	12 28	17 42	21 25	21 34	23 29	4 11	2 40	
F 20	1 12	10 19	4 58	11 11	2 20	14 26	0 41	24 15	1 41	20 20	0 21	6 8	2 38	15 46	0 42	19 16	1 30	12 28	17 42	21 27	21 35	23 27	4 13	2 40	
S 21	1 36	15 29	5 1	10 43	2 23	14 53	0 45	24 19	1 41	20 23	0 21	6 10	2 38	15 45	0 42	19 17	1 30	12 29	17 42	21 29	21 35	23 26	4 14	2 40	
S 22	1 59	19 58	4 48	10 14	2 26	15 19	0 48	24 22	1 41	20 25	0 21	6 12	2 38	15 44	0 42	19 17	1 30	12 30	17 42	21 31	21 36	23 24	4 15	2 40	
M23	2 22	23 24	4 17	9 44	2 28	15 45	0 51	24 26	1 41	20 27	0 21	6 13	2 38	15 43	0 42	19 17	1 30	12 30	17 42	21 32	21 36	23 22	4 17	2 40	
T 24	2 46	25 29	3 31	9 12	2 30	16 10	0 54	24 29	1 41	20 29	0 20	6 15	2 38	15 42	0 42	19 18	1 30	12 31	17 42	21 33	21 37	23 21	4 18	2 40	
W25	3 9	25 58	2 32	8 39	2 31	16 36	0 57	24 33	1 40	20 31	0 20	6 17	2 38	15 42	0 42	19 18	1 30	12 32	17 42	21 33	21 38	23 19	4 20	2 39	
T 26	3 32	24 47	1 24	8 5	2 32	17 0	1 0	24 36	1 40	20 34	0 20	6 18	2 38	15 41	0 42	19 18	1 30	12 32	17 42	21 33	21 38	23 17	4 21	2 39	
F 27	3 56	22 2	0 10	7 29	2 32	17 25	1 3	24 39	1 40	20 36	0 20	6 20	2 38	15 40	0 42	19 19	1 30	12 33	17 42	21 33	21 39	23 16	4 22	2 39	
S 28	4 19	17 56	1s 5	6 52	2 32	17 49	1 6	24 42	1 40	20 38	0 20	6 22	2 38	15 39	0 42	19 19	1 30	12 34	17 42	21 33	21 39	23 14	4 24	2 39	
S 29	4 42	12 49	2 15	6 13	2 31	18 12	1 9	24 45	1 39	20 40	0 20	6 23	2 38	15 39	0 42	19 19	1 30	12 34	17 42	21 34	21 40	23 12	4 25	2 39	
M30	5 5	7 3	3 17	5 33	2 30	18 35	1 12	24 47	1 39	20 42	0 20	6 25	2 38	15 38	0 42	19 20	1 30	12 35	17 42	21 35	21 40	23 11	4 27	2 39	
T 31	5n27	0n59	4s 7	4s52	2s28	18n58	1n15	24n50	1n39	20n45	0s19	6n26	2n38	15s37	0s42	19n20	1s30	12n36	17n42	21s36	21s41	23s 9	4n28	2n39	

Julian Day Number = 1992863.5, Delta T = 54m15s
Ecliptic obliquity = 23°36'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'47, Lahiri = 6°21'48 Julian Calendar 1 March 744 == Greg. Calendar 5 March 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

APRIL 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 51 35	14♈42'52	1♎56	25♓ 9	20♉46	20♊ 8	4♊ 1	19°R51	19♒55	2♊31	9°R 7	23°R 0	22♑38	16♑30	5♈ 9	W 1
T 2	12 55 31	15°41'12	15°37	26°51	21°57	20°42	4°12	19♍47	19°58	2°33	9♎ 6	22♑48	22°35	16°37	5°12	T 2
F 3	12 59 28	16°39'29	29° 3	28°35	23° 8	21°16	4°23	19°43	20° 0	2°34	9° 4	22°36	22°32	16°44	5°16	F 3
S 4	13 3 24	17°37'45	12♏ 9	0♈20	24°18	21°50	4°35	19°39	20° 2	2°36	9° 2	22°24	22°29	16°50	5°20	S 4
S 5	13 7 21	18°35'59	24°56	2° 8	25°29	22°24	4°46	19°35	20° 4	2°38	9° 1	22°14	22°26	16°57	5°23	S 5
M 6	13 11 18	19°34'12	7♐24	3°57	26°39	22°59	4°58	19°32	20° 6	2°39	8°59	22° 6	22°23	17° 3	5°27	M 6
T 7	13 15 14	20°32'23	19°36	5°48	27°49	23°33	5° 9	19°28	20° 8	2°41	8°57	22° 1	22°19	17°10	5°30	T 7
W 8	13 19 11	21°30'32	1♑35	7°41	29° 0	24° 7	5°21	19°24	20°11	2°43	8°56	21°58	22°16	17°17	5°34	W 8
T 9	13 23 7	22°28'40	13°26	9°35	0♊10	24°41	5°32	19°21	20°13	2°45	8°54	21°57	22°13	17°23	5°37	T 9
F 10	13 27 4	23°26'47	25°14	11°31	1°20	25°16	5°44	19°17	20°15	2°46	8°52	21°57	22°10	17°30	5°41	F 10
S 11	13 31 0	24°24'52	7♒ 5	13°29	2°30	25°50	5°56	19°14	20°17	2°48	8°51	21°56	22° 7	17°37	5°44	S 11
S 12	13 34 57	25°22'55	19° 4	15°28	3°39	26°25	6° 8	19°11	20°18	2°50	8°49	21°55	22° 3	17°43	5°48	S 12
M13	13 38 53	26°20'57	1♓16	17°30	4°49	26°59	6°20	19° 7	20°20	2°52	8°47	21°51	22° 0	17°50	5°51	M13
T 14	13 42 50	27°18'57	13°46	19°32	5°59	27°34	6°32	19° 4	20°22	2°54	8°46	21°45	21°57	17°57	5°55	T 14
W15	13 46 47	28°16'56	26°36	21°37	7° 8	28° 8	6°44	19° 1	20°24	2°56	8°44	21°36	21°54	18° 3	5°58	W15
T 16	13 50 43	29°14'54	9♈47	23°42	8°17	28°43	6°56	18°58	20°26	2°58	8°43	21°25	21°51	18°10	6° 2	T 16
F 17	13 54 40	0♉12'50	23°19	25°49	9°27	29°18	7° 8	18°55	20°27	3° 0	8°41	21°13	21°48	18°17	6° 5	F 17
S 18	13 58 36	1°10'44	7♉10	27°57	10°36	29°53	7°20	18°52	20°29	3° 2	8°40	21° 1	21°44	18°23	6° 8	S 18
S 19	14 2 33	2° 8'37	21°15	0♉ 7	11°45	0♋27	7°33	18°50	20°31	3° 4	8°38	20°50	21°41	18°30	6°12	S 19
M20	14 6 29	3° 6'29	5♊30	2°17	12°54	1° 2	7°45	18°47	20°32	3° 6	8°37	20°42	21°38	18°37	6°15	M20
T 21	14 10 26	4° 4'19	19°49	4°27	14° 2	1°37	7°57	18°44	20°34	3° 8	8°35	20°37	21°35	18°43	6°18	T 21
W22	14 14 22	5° 2'07	4♋ 7	6°38	15°11	2°12	8°10	18°42	20°35	3°10	8°34	20°34	21°32	18°50	6°22	W22
T 23	14 18 19	5°59'53	18°22	8°49	16°20	2°47	8°22	18°39	20°37	3°12	8°32	20°D33	21°29	18°56	6°25	T 23
F 24	14 22 16	6°57'38	2♌32	11° 0	17°28	3°22	8°35	18°37	20°38	3°14	8°31	20°R33	21°25	19° 3	6°28	F 24
S 25	14 26 12	7°55'20	16°35	13°10	18°36	3°57	8°48	18°35	20°39	3°16	8°29	20°33	21°22	19°10	6°32	S 25
S 26	14 30 9	8°53'01	0♍31	15°20	19°44	4°32	9° 0	18°33	20°41	3°18	8°28	20°31	21°19	19°16	6°35	S 26
M27	14 34 5	9°50'41	14°19	17°28	20°52	5° 7	9°13	18°31	20°42	3°20	8°26	20°27	21°16	19°23	6°38	M27
T 28	14 38 2	10°48'18	27°58	19°36	22° 0	5°43	9°26	18°29	20°43	3°22	8°25	20°21	21°13	19°30	6°41	T 28
W29	14 41 58	11°45'55	11♎27	21°41	23° 8	6°18	9°39	18°27	20°44	3°24	8°24	20°12	21° 9	19°36	6°44	W29
T 30	14 45 55	12♉43'29	24♎44	23♉45	24♊15	6♋53	9♊52	18♍25	20♒45	3♊26	8♎22	20♑ 1	21♑ 6	19♑43	6♈47	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n50	5s 4	4s41	4s10	2s25	19n20	1n18	24n52	1n39	20n47	0s19	6n28	2n38	15s36	0s42	19n21	1s30	12n36	17n42	21s38	21s41	23s 7	4n29	2n39
T 2	6 13	10 46	4 58	3 26	2 22	19 41	1 21	24 55	1 38	20 49	0 19	6 29	2 38	15 36	0 42	19 21	1 30	12 37	17 42	21 40	21 42	23 6	4 31	2 39
F 3	6 35	15 51	4 59	2 41	2 19	20 2	1 24	24 57	1 38	20 51	0 19	6 31	2 38	15 35	0 42	19 21	1 30	12 37	17 42	21 42	21 42	23 4	4 32	2 39
S 4	6 58	20 4	4 43	1 55	2 15	20 23	1 27	24 59	1 38	20 53	0 19	6 32	2 37	15 34	0 42	19 22	1 29	12 38	17 42	21 44	21 43	23 2	4 34	2 39
S 5	7 20	23 14	4 14	1 8	2 10	20 43	1 30	25 1	1 38	20 56	0 19	6 34	2 37	15 34	0 42	19 22	1 29	12 38	17 42	21 45	21 43	23 1	4 35	2 39
M 6	7 42	25 11	3 33	0 20	2 5	21 3	1 33	25 2	1 37	20 58	0 19	6 35	2 37	15 33	0 42	19 22	1 29	12 39	17 42	21 47	21 44	22 59	4 36	2 39
T 7	8 5	25 53	2 42	0n30	1 59	21 22	1 36	25 4	1 37	21 0	0 18	6 36	2 37	15 32	0 42	19 23	1 29	12 40	17 42	21 47	21 44	22 57	4 38	2 39
W 8	8 26	25 21	1 46	1 20	1 53	21 40	1 38	25 5	1 37	21 2	0 18	6 38	2 37	15 32	0 42	19 23	1 29	12 40	17 42	21 48	21 45	22 55	4 39	2 39
T 9	8 48	23 40	0 45	2 11	1 47	21 58	1 41	25 6	1 37	21 5	0 18	6 39	2 37	15 31	0 42	19 24	1 29	12 41	17 41	21 48	21 45	22 54	4 41	2 39
F 10	9 10	20 57	0n17	3 4	1 40	22 16	1 44	25 7	1 36	21 7	0 18	6 40	2 37	15 30	0 42	19 24	1 29	12 41	17 41	21 48	21 46	22 52	4 42	2 39
S 11	9 32	17 21	1 19	3 57	1 32	22 32	1 46	25 8	1 36	21 9	0 18	6 41	2 37	15 30	0 43	19 24	1 29	12 42	17 41	21 48	21 46	22 50	4 43	2 39
S 12	9 53	13 1	2 18	4 51	1 24	22 49	1 49	25 9	1 36	21 11	0 18	6 43	2 37	15 29	0 43	19 25	1 29	12 42	17 41	21 48	21 47	22 48	4 45	2 39
M13	10 14	8 6	3 12	5 45	1 15	23 4	1 52	25 10	1 36	21 13	0 18	6 44	2 36	15 29	0 43	19 25	1 29	12 42	17 41	21 49	21 47	22 47	4 46	2 39
T 14	10 35	2 46	3 58	6 40	1 6	23 19	1 54	25 10	1 35	21 16	0 17	6 45	2 36	15 28	0 43	19 25	1 29	12 43	17 41	21 50	21 48	22 45	4 48	2 39
W15	10 56	2n49	4 33	7 36	0 57	23 34	1 56	25 10	1 35	21 18	0 17	6 46	2 36	15 28	0 43	19 26	1 29	12 43	17 40	21 51	21 48	22 43	4 49	2 39
T 16	11 17	8 25	4 55	8 32	0 48	23 47	1 59	25 11	1 35	21 20	0 17	6 47	2 36	15 27	0 43	19 26	1 29	12 44	17 40	21 53	21 49	22 41	4 50	2 39
F 17	11 37	13 46	5 1	9 28	0 38	24 1	2 1	25 11	1 35	21 22	0 17	6 48	2 36	15 27	0 43	19 27	1 29	12 44	17 40	21 55	21 50	22 40	4 52	2 39
S 18	11 58	18 33	4 49	10 23	0 28	24 13	2 3	25 10	1 34	21 24	0 17	6 49	2 36	15 26	0 43	19 27	1 29	12 44	17 40	21 57	21 50	22 38	4 53	2 39
S 19	12 18	22 22	4 20	11 19	0 17	24 25	2 5	25 10	1 34	21 26	0 17	6 50	2 35	15 26	0 43	19 28	1 29	12 45	17 39	21 58	21 51	22 36	4 54	2 39
M20	12 38	24 53	3 35	12 14	0 7	24 36	2 7	25 10	1 34	21 29	0 17	6 51	2 35	15 25	0 43	19 28	1 29	12 45	17 39	22 0	21 51	22 34	4 56	2 39
T 21	12 58	25 47	2 35	13 9	0n 4	24 47	2 9	25 9	1 33	21 31	0 17	6 52	2 35	15 25	0 43	19 28	1 29	12 46	17 39	22 1	21 52	22 32	4 57	2 39
W22	13 17	24 58	1 26	14 3	0 14	24 57	2 11	25 8	1 33	21 33	0 16	6 52	2 35	15 24	0 43	19 29	1 29	12 46	17 39	22 1	21 52	22 31	4 58	2 39
T 23	13 37	22 31	0 12	14 56	0 25	25 6	2 13	25 7	1 33	21 35	0 16	6 53	2 35	15 24	0 43	19 29	1 29	12 46	17 38	22 1	21 53	22 29	5 0	2 39
F 24	13 56	18 42	1s 3	15 47	0 35	25 15	2 15	25 6	1 33	21 37	0 16	6 54	2 35	15 23	0 43	19 30	1 29	12 46	17 38	22 1	21 53	22 27	5 1	2 39
S 25	14 15	13 51	2 14	16 37	0 45	25 23	2 17	25 5	1 32	21 39	0 16	6 55	2 34	15 23	0 43	19 30	1 29	12 47	17 38	22 1	21 54	22 25	5 2	2 39
S 26	14 33	8 19	3 15	17 26	0 55	25 30	2 18	25 3	1 32	21 41	0 16	6 55	2 34	15 23	0 43	19 30	1 29	12 47	17 37	22 1	21 54	22 23	5 4	2 39
M27	14 52	2 27	4 5	18 12	1 5	25 37	2 20	25 2	1 32	21 43	0 16	6 56	2 34	15 22	0 43	19 31	1 29	12 47	17 37	22 2	21 55	22 22	5 5	2 39
T 28	15 10	3s28	4 40	18 56	1 14	25 43	2 21	25 0	1 31	21 45	0 16	6 57	2 34	15 22	0 43	19 31	1 29	12 48	17 37	22 3	21 55	22 20	5 6	2 39
W29	15 28	9 8	4 59	19 38	1 23	25 48	2 23	24 58	1 31	21 48	0 16	6 57	2 34	15 22	0 43	19 32	1 29	12 48	17 36	22 4	21 56	22 18	5 7	2 39
T 30	15n46	14s19	5s 2	20n18	1n31	25n52	2n24	24n56	1n31	21n50	0s15	6n58	2n33	15s21	0s43	19n32	1s29	12n48	17n36	22s 6	21s56	22s16	5n 9	2n39

Julian Day Number = 1992894.5, Delta T = 54m14s
Ecliptic obliquity = 23°36'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'51, Lahiri = 6°21'52 Julian Calendar 1 Apr. 744 == Greg. Calendar 5 Apr. 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

MAY 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 49 51	13♉41'03	7♏48	25♉47	25♊23	7♋28	10♊ 4	18°R23	20♒46	3♊28	8°R21	19°R50	21♂ 3	19♂50	6♈50	F 1
S 2	14 53 48	14°38'35	20°37	27°47	26°30	8° 4	10°17	18♍22	20°47	3°30	8♎20	19♂39	21° 0	19°56	6°53	S 2
S 3	14 57 45	15°36'06	3♐11	29°45	27°37	8°39	10°30	18°20	20°48	3°33	8°19	19°30	20°57	20° 3	6°57	S 3
M 4	15 1 41	16°33'36	15°30	1♊40	28°44	9°14	10°43	18°19	20°49	3°35	8°17	19°23	20°54	20°10	6°59	M 4
T 5	15 5 38	17°31'05	27°37	3°33	29°50	9°50	10°56	18°17	20°50	3°37	8°16	19°18	20°50	20°16	7° 2	T 5
W 6	15 9 34	18°28'33	9♂33	5°23	0♋57	10°25	11°10	18°16	20°51	3°39	8°15	19°16	20°47	20°23	7° 5	W 6
T 7	15 13 31	19°26'00	21°23	7°10	2° 3	11° 1	11°23	18°15	20°52	3°41	8°14	19°D15	20°44	20°29	7° 8	T 7
F 8	15 17 27	20°23'27	3♒11	8°55	3° 9	11°36	11°36	18°14	20°52	3°43	8°13	19°16	20°41	20°36	7°11	F 8
S 9	15 21 24	21°20'52	15° 2	10°36	4°15	12°12	11°49	18°13	20°53	3°46	8°12	19°17	20°38	20°43	7°14	S 9
S 10	15 25 20	22°18'17	27° 1	12°15	5°21	12°47	12° 2	18°12	20°54	3°48	8°10	19°R17	20°35	20°49	7°17	S 10
M11	15 29 17	23°15'41	9♓14	13°51	6°27	13°23	12°16	18°12	20°54	3°50	8° 9	19°15	20°31	20°56	7°20	M11
T 12	15 33 14	24°13'04	21°46	15°25	7°32	13°59	12°29	18°11	20°55	3°52	8° 8	19°12	20°28	21° 3	7°22	T 12
W13	15 37 10	25°10'27	4♈39	16°55	8°38	14°34	12°42	18°11	20°55	3°54	8° 7	19° 6	20°25	21° 9	7°25	W13
T 14	15 41 7	26° 7'49	17°57	18°22	9°43	15°10	12°55	18°10	20°56	3°57	8° 6	18°59	20°22	21°16	7°28	T 14
F 15	15 45 3	27° 5'10	1♉41	19°47	10°47	15°46	13° 9	18°10	20°56	3°59	8° 5	18°51	20°19	21°23	7°30	F 15
S 16	15 49 0	28° 2'31	15°47	21° 8	11°52	16°22	13°22	18°10	20°57	4° 1	8° 4	18°43	20°15	21°29	7°33	S 16
S 17	15 52 56	28°59'51	0♊12	22°27	12°56	16°58	13°36	18°10	20°57	4° 3	8° 3	18°36	20°12	21°36	7°36	S 17
M18	15 56 53	29°57'10	14°50	23°42	14° 1	17°34	13°49	18°D10	20°57	4° 6	8° 3	18°30	20° 9	21°43	7°38	M18
T 19	16 0 49	0♊54'29	29°33	24°54	15° 5	18°10	14° 3	18°10	20°57	4° 8	8° 2	18°27	20° 6	21°49	7°41	T 19
W20	16 4 46	1°51'46	14♋14	26° 3	16° 8	18°45	14°16	18°10	20°57	4°10	8° 1	18°D25	20° 3	21°56	7°43	W20
T 21	16 8 43	2°49'03	28°49	27° 9	17°12	19°21	14°30	18°10	20°57	4°12	8° 0	18°26	20° 0	22° 3	7°45	T 21
F 22	16 12 39	3°46'19	13♌12	28°11	18°15	19°58	14°43	18°10	20°R58	4°15	7°59	18°27	19°56	22° 9	7°48	F 22
S 23	16 16 36	4°43'33	27°20	29°10	19°18	20°34	14°57	18°11	20°58	4°17	7°59	18°28	19°53	22°16	7°50	S 23
S 24	16 20 32	5°40'47	11♍14	0♋ 6	20°20	21°10	15°10	18°12	20°57	4°19	7°58	18°R28	19°50	22°22	7°52	S 24
M25	16 24 29	6°38'00	24°53	0°58	21°23	21°46	15°24	18°12	20°57	4°21	7°57	18°26	19°47	22°29	7°55	M25
T 26	16 28 25	7°35'12	8♎16	1°46	22°25	22°22	15°37	18°13	20°57	4°23	7°57	18°23	19°44	22°36	7°57	T 26
W27	16 32 22	8°32'24	21°26	2°30	23°27	22°58	15°51	18°14	20°57	4°26	7°56	18°18	19°40	22°42	7°59	W27
T 28	16 36 18	9°29'35	4♏22	3°11	24°28	23°34	16° 4	18°15	20°57	4°28	7°55	18°12	19°37	22°49	8° 1	T 28
F 29	16 40 15	10°26'45	17° 4	3°47	25°29	24°11	16°18	18°16	20°56	4°30	7°55	18° 6	19°34	22°56	8° 3	F 29
S 30	16 44 12	11°23'55	29°35	4°20	26°30	24°47	16°32	18°17	20°56	4°32	7°54	17°59	19°31	23° 2	8° 5	S 30
S 31	16 48 8	12♊21'04	11♐53	4♋48	27♋31	25♋23	16♊45	18♍19	20♒56	4♊35	7♎54	17♂54	19♂28	23♂ 9	8♈ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n 3	18s44	4s48	20n56	1n38	25n56	2n25	24n54	1n31	21n52	0s15	6n58	2n33	15s21	0s43	19n33	1s29	12n48	17n36	22s 8	21s57	22s14	5n10	2n39
S 2	16 20	22 12	4 20	21 30	1 45	26 0	2 26	24 51	1 30	21 54	0 15	6 59	2 33	15 21	0 43	19 33	1 29	12 48	17 35	22 9	21 57	22 12	5 11	2 39
S 3	16 37	24 32	3 40	22 3	1 51	26 2	2 27	24 49	1 30	21 56	0 15	6 59	2 33	15 20	0 43	19 33	1 29	12 48	17 35	22 10	21 57	22 10	5 12	2 39
M 4	16 54	25 38	2 50	22 32	1 57	26 4	2 28	24 46	1 30	21 58	0 15	6 59	2 33	15 20	0 43	19 34	1 28	12 49	17 35	22 12	21 58	22 9	5 14	2 39
T 5	17 10	25 28	1 53	23 0	2 2	26 5	2 29	24 43	1 29	22 0	0 15	7 0	2 32	15 20	0 43	19 34	1 28	12 49	17 34	22 12	21 58	22 7	5 15	2 39
W 6	17 27	24 7	0 52	23 24	2 6	26 6	2 30	24 40	1 29	22 1	0 15	7 0	2 32	15 20	0 43	19 35	1 28	12 49	17 34	22 13	21 59	22 5	5 16	2 39
T 7	17 42	21 42	0n11	23 46	2 9	26 5	2 30	24 37	1 29	22 3	0 15	7 0	2 32	15 19	0 43	19 35	1 28	12 49	17 34	22 13	21 59	22 3	5 17	2 39
F 8	17 58	18 23	1 14	24 6	2 11	26 5	2 31	24 34	1 28	22 5	0 15	7 1	2 32	15 19	0 44	19 36	1 28	12 49	17 33	22 12	22 0	22 1	5 18	2 39
S 9	18 13	14 18	2 14	24 23	2 13	26 3	2 31	24 30	1 28	22 7	0 14	7 1	2 32	15 19	0 44	19 36	1 28	12 49	17 33	22 12	22 0	21 59	5 19	2 39
S 10	18 28	9 38	3 8	24 38	2 14	26 1	2 31	24 26	1 28	22 9	0 14	7 1	2 31	15 19	0 44	19 36	1 28	12 49	17 32	22 12	22 1	21 57	5 21	2 39
M11	18 43	4 31	3 56	24 50	2 14	25 58	2 32	24 22	1 27	22 11	0 14	7 1	2 31	15 19	0 44	19 37	1 28	12 49	17 32	22 13	22 1	21 55	5 22	2 39
T 12	18 57	0n53	4 33	25 1	2 14	25 54	2 32	24 18	1 27	22 13	0 14	7 1	2 31	15 19	0 44	19 37	1 28	12 49	17 31	22 13	22 2	21 53	5 23	2 39
W13	19 11	6 24	4 57	25 9	2 12	25 50	2 31	24 14	1 27	22 15	0 14	7 1	2 31	15 19	0 44	19 38	1 28	12 49	17 31	22 14	22 2	21 52	5 24	2 39
T 14	19 25	11 48	5 7	25 15	2 10	25 46	2 31	24 10	1 27	22 16	0 14	7 1	2 31	15 18	0 44	19 38	1 28	12 49	17 31	22 15	22 3	21 50	5 25	2 39
F 15	19 38	16 48	4 59	25 19	2 7	25 40	2 31	24 5	1 26	22 18	0 14	7 1	2 30	15 18	0 44	19 39	1 28	12 49	17 30	22 16	22 3	21 48	5 26	2 40
S 16	19 52	21 2	4 34	25 22	2 4	25 34	2 30	24 1	1 26	22 20	0 14	7 1	2 30	15 18	0 44	19 39	1 28	12 49	17 30	22 17	22 4	21 46	5 27	2 40
S 17	20 4	24 5	3 50	25 22	1 59	25 27	2 30	23 56	1 26	22 22	0 13	7 1	2 30	15 18	0 44	19 39	1 28	12 49	17 29	22 18	22 4	21 44	5 28	2 40
M18	20 17	25 34	2 51	25 21	1 54	25 20	2 29	23 51	1 25	22 24	0 13	7 0	2 30	15 18	0 44	19 40	1 28	12 49	17 29	22 19	22 5	21 42	5 29	2 40
T 19	20 29	25 16	1 40	25 18	1 48	25 12	2 28	23 46	1 25	22 25	0 13	7 0	2 29	15 18	0 44	19 40	1 28	12 49	17 28	22 19	22 5	21 40	5 30	2 40
W20	20 41	23 13	0 23	25 14	1 41	25 4	2 27	23 41	1 25	22 27	0 13	7 0	2 29	15 18	0 44	19 41	1 28	12 49	17 28	22 20	22 6	21 38	5 32	2 40
T 21	20 52	19 37	0s56	25 8	1 34	24 54	2 26	23 35	1 24	22 29	0 13	7 0	2 29	15 18	0 44	19 41	1 28	12 48	17 27	22 20	22 6	21 36	5 33	2 40
F 22	21 3	14 54	2 10	25 1	1 26	24 45	2 25	23 29	1 24	22 30	0 13	6 59	2 29	15 18	0 44	19 42	1 28	12 48	17 27	22 19	22 7	21 34	5 34	2 40
S 23	21 14	9 25	3 15	24 53	1 17	24 34	2 24	23 24	1 24	22 32	0 13	6 59	2 29	15 18	0 44	19 42	1 28	12 48	17 26	22 19	22 7	21 32	5 35	2 40
S 24	21 24	3 35	4 7	24 44	1 8	24 24	2 22	23 18	1 23	22 34	0 13	6 58	2 28	15 18	0 44	19 42	1 28	12 48	17 26	22 19	22 8	21 30	5 35	2 40
M25	21 34	2s18	4 44	24 33	0 57	24 12	2 21	23 12	1 23	22 35	0 13	6 58	2 28	15 18	0 44	19 43	1 28	12 48	17 25	22 19	22 8	21 28	5 36	2 40
T 26	21 43	7 58	5 5	24 22	0 47	24 0	2 19	23 5	1 23	22 37	0 13	6 57	2 28	15 18	0 44	19 43	1 28	12 47	17 25	22 20	22 8	21 26	5 37	2 40
W27	21 53	13 11	5 10	24 10	0 35	23 48	2 17	22 59	1 22	22 38	0 12	6 57	2 28	15 19	0 44	19 44	1 28	12 47	17 24	22 21	22 9	21 24	5 38	2 40
T 28	22 1	17 44	4 58	23 57	0 23	23 35	2 15	22 53	1 22	22 40	0 12	6 56	2 27	15 19	0 44	19 44	1 28	12 47	17 24	22 21	22 9	21 22	5 39	2 40
F 29	22 10	21 23	4 32	23 43	0 10	23 22	2 13	22 46	1 22	22 41	0 12	6 56	2 27	15 19	0 44	19 44	1 28	12 47	17 23	22 22	22 10	21 20	5 40	2 40
S 30	22 18	23 59	3 53	23 29	0s 3	23 8	2 10	22 39	1 21	22 43	0 12	6 55	2 27	15 19	0 44	19 45	1 28	12 46	17 23	22 23	22 10	21 18	5 41	2 40
S 31	22n26	25s24	3s 3	23n14	0s17	22n53	2n 8	22n32	1n21	22n44	0s12	6n54	2n27	15s19	0s44	19n45	1s28	12n46	17n22	22s24	22s11	21s16	5n42	2n41

Julian Day Number = 1992924.5, Delta T = 54m13s
Ecliptic obliquity = 23°36'09, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°14'55, Lahiri = 6°21'56 Julian Calendar 1 May 744 == Greg. Calendar 5 May 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

JUNE 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 52 5	13♊18'14	24♐ 1	5♋12	28♋31	26♋ 0	16♊59	18♍20	20°R55	4♊37	7°R53	17°R50	19♑25	23♑16	8♈ 9	M 1
T 2	16 56 1	14°15'23	6♑ 0	5°31	29°31	26°36	17°12	18°21	20♒55	4°39	7♎53	17♑48	19°21	23°22	8°11	T 2
W 3	16 59 58	15°12'31	17°51	5°46	0♌30	27°12	17°26	18°23	20°54	4°41	7°53	17°D47	19°18	23°29	8°13	W 3
T 4	17 3 54	16° 9'40	29°40	5°57	1°29	27°49	17°40	18°25	20°54	4°44	7°52	17°48	19°15	23°36	8°15	T 4
F 5	17 7 51	17° 6'49	11♒27	6° 3	2°28	28°25	17°53	18°26	20°53	4°46	7°52	17°49	19°12	23°42	8°17	F 5
S 6	17 11 48	18° 3'57	23°18	6°R 4	3°26	29° 2	18° 7	18°28	20°52	4°48	7°52	17°51	19° 9	23°49	8°18	S 6
S 7	17 15 44	19° 1'06	5♓18	6° 1	4°24	29°38	18°20	18°30	20°52	4°50	7°51	17°53	19° 6	23°56	8°20	S 7
M 8	17 19 41	19°58'15	17°30	5°53	5°21	0♌15	18°34	18°32	20°51	4°52	7°51	17°R53	19° 2	24° 2	8°22	M 8
T 9	17 23 37	20°55'24	29°59	5°41	6°18	0°51	18°48	18°34	20°50	4°54	7°51	17°53	18°59	24° 9	8°23	T 9
W10	17 27 34	21°52'33	12♈52	5°24	7°15	1°28	19° 1	18°37	20°49	4°57	7°51	17°52	18°56	24°15	8°25	W10
T 11	17 31 30	22°49'43	26° 9	5° 3	8°11	2° 5	19°15	18°39	20°48	4°59	7°51	17°49	18°53	24°22	8°26	T 11
F 12	17 35 27	23°46'53	9♉52	4°39	9° 7	2°41	19°28	18°42	20°48	5° 1	7°51	17°46	18°50	24°29	8°28	F 12
S 13	17 39 23	24°44'04	24° 3	4°11	10° 2	3°18	19°42	18°44	20°47	5° 3	7°50	17°43	18°46	24°35	8°29	S 13
S 14	17 43 20	25°41'14	8♊36	3°40	10°56	3°55	19°56	18°47	20°46	5° 5	7°D50	17°40	18°43	24°42	8°30	S 14
M15	17 47 17	26°38'25	23°27	3° 6	11°51	4°32	20° 9	18°49	20°44	5° 7	7°50	17°38	18°40	24°49	8°32	M15
T 16	17 51 13	27°35'36	8♋27	2°30	12°44	5° 9	20°23	18°52	20°43	5° 9	7°50	17°37	18°37	24°55	8°33	T 16
W17	17 55 10	28°32'48	23°29	1°53	13°37	5°45	20°36	18°55	20°42	5°12	7°51	17°D37	18°34	25° 2	8°34	W17
T 18	17 59 6	29°29'59	8♌24	1°14	14°29	6°22	20°50	18°58	20°41	5°14	7°51	17°37	18°31	25° 9	8°35	T 18
F 19	18 3 3	0♋27'11	23° 5	0°36	15°21	6°59	21° 3	19° 1	20°40	5°16	7°51	17°38	18°27	25°15	8°36	F 19
S 20	18 6 59	1°24'22	7♍28	29♊57	16°12	7°36	21°17	19° 4	20°39	5°18	7°51	17°40	18°24	25°22	8°37	S 20
S 21	18 10 56	2°21'33	21°29	29°20	17° 3	8°13	21°30	19° 8	20°37	5°20	7°51	17°40	18°21	25°29	8°38	S 21
M22	18 14 52	3°18'45	5♎ 8	28°45	17°53	8°50	21°44	19°11	20°36	5°22	7°51	17°R41	18°18	25°35	8°39	M22
T 23	18 18 49	4°15'56	18°26	28°11	18°42	9°27	21°57	19°14	20°34	5°24	7°52	17°40	18°15	25°42	8°40	T 23
W24	18 22 46	5°13'08	1♏24	27°41	19°30	10° 4	22°11	19°18	20°33	5°26	7°52	17°39	18°12	25°48	8°41	W24
T 25	18 26 42	6°10'20	14° 6	27°14	20°18	10°42	22°24	19°21	20°32	5°28	7°52	17°38	18° 8	25°55	8°42	T 25
F 26	18 30 39	7° 7'32	26°33	26°52	21° 4	11°19	22°37	19°25	20°30	5°30	7°53	17°36	18° 5	26° 2	8°42	F 26
S 27	18 34 35	8° 4'45	8♐47	26°34	21°50	11°56	22°51	19°29	20°28	5°32	7°53	17°35	18° 2	26° 8	8°43	S 27
S 28	18 38 32	9° 1'58	20°52	26°20	22°35	12°33	23° 4	19°33	20°27	5°34	7°54	17°34	17°59	26°15	8°44	S 28
M29	18 42 28	9°59'12	2♑50	26°12	23°19	13°10	23°17	19°37	20°25	5°36	7°54	17°33	17°56	26°22	8°44	M29
T 30	18 46 25	10♋56'27	14♑42	26°D 9	24♌ 3	13♌48	23♊31	19♍41	20♒24	5♊38	7♎55	17°D33	17♑52	26♑28	8♈45	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n33	25s34	2s 6	22n59	0s31	22n38	2n 5	22n25	1n21	22n46	0s12	6n53	2n27	15s19	0s44	19n46	1s28	12n46	17n21	22s24	22s11	21s14	5n43	2n41
T 2	22 40	24 32	1 4	22 43	0 46	22 23	2 2	22 17	1 20	22 47	0 12	6 53	2 26	15 19	0 45	19 46	1 28	12 45	17 21	22 25	22 12	21 12	5 43	2 41
W 3	22 47	22 24	0n 0	22 27	1 1	22 7	1 59	22 10	1 20	22 49	0 12	6 52	2 26	15 20	0 45	19 46	1 28	12 45	17 20	22 25	22 12	21 10	5 44	2 41
T 4	22 53	19 18	1 5	22 11	1 17	21 51	1 56	22 2	1 20	22 50	0 12	6 51	2 26	15 20	0 45	19 47	1 28	12 45	17 20	22 25	22 13	21 8	5 45	2 41
F 5	22 58	15 27	2 6	21 55	1 32	21 34	1 53	21 55	1 19	22 51	0 12	6 50	2 26	15 20	0 45	19 47	1 28	12 44	17 19	22 24	22 13	21 6	5 46	2 41
S 6	23 4	10 58	3 3	21 39	1 48	21 17	1 49	21 47	1 19	22 53	0 11	6 49	2 25	15 20	0 45	19 48	1 28	12 44	17 19	22 24	22 13	21 4	5 47	2 41
S 7	23 9	6 2	3 52	21 24	2 4	21 0	1 46	21 39	1 19	22 54	0 11	6 48	2 25	15 21	0 45	19 48	1 28	12 44	17 18	22 24	22 14	21 2	5 47	2 41
M 8	23 13	0 48	4 32	21 8	2 20	20 42	1 42	21 31	1 18	22 55	0 11	6 47	2 25	15 21	0 45	19 48	1 28	12 43	17 18	22 24	22 14	21 0	5 48	2 41
T 9	23 17	4n34	4 59	20 53	2 36	20 24	1 38	21 22	1 18	22 56	0 11	6 46	2 25	15 21	0 45	19 49	1 28	12 43	17 17	22 24	22 15	20 58	5 49	2 41
W10	23 21	9 55	5 13	20 38	2 51	20 6	1 34	21 14	1 18	22 58	0 11	6 45	2 25	15 21	0 45	19 49	1 28	12 42	17 16	22 24	22 15	20 56	5 49	2 41
T 11	23 24	14 59	5 11	20 24	3 7	19 47	1 29	21 5	1 17	22 59	0 11	6 44	2 24	15 22	0 45	19 50	1 28	12 42	17 16	22 24	22 16	20 54	5 50	2 41
F 12	23 27	19 29	4 52	20 10	3 21	19 28	1 25	20 56	1 17	23 0	0 11	6 43	2 24	15 22	0 45	19 50	1 28	12 41	17 15	22 25	22 16	20 52	5 51	2 41
S 13	23 30	23 0	4 14	19 57	3 35	19 8	1 20	20 47	1 16	23 1	0 11	6 41	2 24	15 22	0 45	19 50	1 28	12 41	17 15	22 25	22 17	20 50	5 51	2 42
S 14	23 32	25 10	3 19	19 45	3 48	18 49	1 15	20 38	1 16	23 2	0 11	6 40	2 24	15 23	0 45	19 51	1 28	12 40	17 14	22 26	22 17	20 48	5 52	2 42
M15	23 34	25 36	2 10	19 34	4 0	18 29	1 10	20 29	1 16	23 4	0 11	6 39	2 24	15 23	0 45	19 51	1 28	12 40	17 14	22 26	22 17	20 46	5 53	2 42
T 16	23 35	24 10	0 50	19 24	4 10	18 8	1 5	20 20	1 15	23 5	0 10	6 38	2 23	15 24	0 45	19 51	1 28	12 39	17 13	22 26	22 18	20 44	5 53	2 42
W17	23 36	21 1	0s32	19 15	4 20	17 48	1 0	20 10	1 15	23 6	0 10	6 36	2 23	15 24	0 45	19 52	1 28	12 39	17 12	22 26	22 18	20 42	5 54	2 42
T 18	23 36	16 28	1 53	19 8	4 28	17 27	0 54	20 1	1 15	23 7	0 10	6 35	2 23	15 24	0 45	19 52	1 28	12 38	17 12	22 26	22 19	20 40	5 54	2 42
F 19	23 36	11 1	3 4	19 1	4 35	17 6	0 48	19 51	1 14	23 8	0 10	6 34	2 23	15 25	0 45	19 53	1 28	12 37	17 11	22 26	22 19	20 38	5 55	2 42
S 20	23 36	5 5	4 2	18 56	4 40	16 45	0 42	19 41	1 14	23 9	0 10	6 32	2 22	15 25	0 45	19 53	1 28	12 37	17 11	22 26	22 20	20 36	5 55	2 42
S 21	23 35	0s57	4 44	18 53	4 43	16 24	0 36	19 31	1 14	23 10	0 10	6 31	2 22	15 26	0 45	19 53	1 28	12 36	17 10	22 26	22 20	20 34	5 56	2 42
M22	23 34	6 46	5 9	18 51	4 45	16 3	0 29	19 21	1 13	23 11	0 10	6 29	2 22	15 26	0 45	19 54	1 28	12 36	17 10	22 26	22 21	20 32	5 56	2 42
T 23	23 32	12 8	5 17	18 50	4 45	15 41	0 23	19 11	1 13	23 12	0 10	6 28	2 22	15 27	0 45	19 54	1 28	12 35	17 9	22 26	22 21	20 29	5 57	2 42
W24	23 30	16 50	5 8	18 51	4 44	15 20	0 16	19 0	1 12	23 12	0 10	6 26	2 22	15 27	0 45	19 54	1 28	12 34	17 8	22 26	22 21	20 27	5 57	2 42
T 25	23 27	20 41	4 44	18 54	4 41	14 58	0 9	18 50	1 12	23 13	0 10	6 24	2 21	15 28	0 45	19 55	1 28	12 34	17 8	22 26	22 22	20 25	5 57	2 43
F 26	23 25	23 31	4 7	18 58	4 36	14 36	0 2	18 39	1 12	23 14	0 9	6 23	2 21	15 28	0 45	19 55	1 28	12 33	17 7	22 26	22 22	20 23	5 58	2 43
S 27	23 21	25 11	3 19	19 3	4 30	14 14	0s 5	18 28	1 11	23 15	0 9	6 21	2 21	15 29	0 45	19 55	1 28	12 32	17 7	22 26	22 23	20 21	5 58	2 43
S 28	23 18	25 40	2 23	19 10	4 23	13 52	0 13	18 17	1 11	23 16	0 9	6 19	2 21	15 29	0 45	19 56	1 28	12 32	17 6	22 26	22 23	20 19	5 58	2 43
M29	23 13	24 55	1 21	19 19	4 14	13 30	0 21	18 6	1 11	23 17	0 9	6 18	2 21	15 30	0 45	19 56	1 28	12 31	17 5	22 26	22 24	20 17	5 59	2 43
T 30	23n 9	23s 3	0s16	19n28	4s 5	13n 8	0s29	17n55	1n10	23n17	0s 9	6n16	2n21	15s30	0s45	19n56	1s29	12n30	17n 5	22s27	22s24	20s15	5n59	2n43

Julian Day Number = 1992955.5, Delta T = 54m13s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'00, Lahiri = 6°22'00 Julian Calendar 1 June 744 == Greg. Calendar 5 June 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

JULY 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 50 21	11♋53'41	26♉30	26♊12	24♌45	14♌25	23♊44	19♍45	20°R22	5♊39	7♎55	17♉33	17♉49	26♉35	8♈45	W 1
T 2	18 54 18	12°50'57	8♒18	26°21	25°26	15° 2	23°57	19°49	20♒20	5°41	7°56	17°33	17°46	26°42	8°46	T 2
F 3	18 58 15	13°48'14	20° 7	26°35	26° 6	15°40	24°10	19°53	20°18	5°43	7°56	17°34	17°43	26°48	8°46	F 3
S 4	19 2 11	14°45'31	2♓ 1	26°56	26°46	16°17	24°23	19°57	20°17	5°45	7°57	17°34	17°40	26°55	8°46	S 4
S 5	19 6 8	15°42'49	14° 3	27°23	27°24	16°55	24°36	20° 2	20°15	5°47	7°58	17°34	17°37	27° 2	8°46	S 5
M 6	19 10 4	16°40'09	26°17	27°56	28° 0	17°32	24°49	20° 6	20°13	5°49	7°58	17°35	17°33	27° 8	8°47	M 6
T 7	19 14 1	17°37'29	8♈46	28°34	28°36	18°10	25° 3	20°11	20°11	5°50	7°59	17°R35	17°30	27°15	8°47	T 7
W 8	19 17 57	18°34'51	21°35	29°19	29°10	18°47	25°16	20°15	20° 9	5°52	8° 0	17°D35	17°27	27°22	8°47	W 8
T 9	19 21 54	19°32'14	4♉46	0♋10	29°44	19°25	25°29	20°20	20° 7	5°54	8° 1	17°35	17°24	27°28	8°R47	T 9
F 10	19 25 50	20°29'38	18°23	1° 6	0♍15	20° 2	25°41	20°25	20° 5	5°56	8° 2	17°35	17°21	27°35	8°47	F 10
S 11	19 29 47	21°27'03	2♊27	2° 9	0°46	20°40	25°54	20°30	20° 3	5°57	8° 3	17°35	17°18	27°41	8°47	S 11
S 12	19 33 44	22°24'30	16°55	3°17	1°15	21°18	26° 7	20°35	20° 1	5°59	8° 3	17°36	17°14	27°48	8°47	S 12
M13	19 37 40	23°21'58	1♋45	4°30	1°42	21°55	26°20	20°40	19°59	6° 1	8° 4	17°36	17°11	27°55	8°46	M13
T 14	19 41 37	24°19'27	16°50	5°49	2° 8	22°33	26°33	20°45	19°57	6° 2	8° 5	17°R36	17° 8	28° 1	8°46	T 14
W15	19 45 33	25°16'57	2♌ 1	7°12	2°32	23°11	26°45	20°50	19°55	6° 4	8° 6	17°36	17° 5	28° 8	8°46	W15
T 16	19 49 30	26°14'29	17°10	8°41	2°55	23°49	26°58	20°55	19°53	6° 6	8° 7	17°35	17° 2	28°15	8°46	T 16
F 17	19 53 26	27°12'01	2♍ 6	10°14	3°16	24°27	27°11	21° 0	19°51	6° 7	8° 9	17°34	16°58	28°21	8°45	F 17
S 18	19 57 23	28° 9'34	16°43	11°52	3°35	25° 5	27°23	21° 5	19°49	6° 9	8°10	17°33	16°55	28°28	8°45	S 18
S 19	20 1 20	29° 7'08	0♎56	13°33	3°52	25°43	27°36	21°11	19°46	6°10	8°11	17°32	16°52	28°35	8°44	S 19
M20	20 5 16	0♌ 4'43	14°42	15°18	4° 7	26°21	27°48	21°16	19°44	6°12	8°12	17°31	16°49	28°41	8°44	M20
T 21	20 9 13	1° 2'19	28° 2	17° 7	4°21	26°59	28° 1	21°22	19°42	6°13	8°13	17°D31	16°46	28°48	8°43	T 21
W22	20 13 9	1°59'56	10♏58	18°58	4°32	27°37	28°13	21°27	19°40	6°15	8°14	17°31	16°43	28°55	8°42	W22
T 23	20 17 6	2°57'35	23°33	20°52	4°41	28°15	28°25	21°33	19°38	6°16	8°16	17°32	16°39	29° 1	8°42	T 23
F 24	20 21 2	3°55'14	5♐51	22°47	4°48	28°53	28°38	21°38	19°35	6°17	8°17	17°33	16°36	29° 8	8°41	F 24
S 25	20 24 59	4°52'54	17°57	24°45	4°53	29°31	28°50	21°44	19°33	6°19	8°18	17°34	16°33	29°15	8°40	S 25
S 26	20 28 55	5°50'36	29°53	26°44	4°55	0♍ 9	29° 2	21°50	19°31	6°20	8°20	17°36	16°30	29°21	8°39	S 26
M27	20 32 52	6°48'19	11♑43	28°44	4°R56	0°48	29°14	21°56	19°28	6°21	8°21	17°R36	16°27	29°28	8°38	M27
T 28	20 36 49	7°46'03	23°31	0♌44	4°53	1°26	29°26	22° 2	19°26	6°23	8°22	17°36	16°24	29°35	8°37	T 28
W29	20 40 45	8°43'48	5♒19	2°45	4°49	2° 4	29°38	22° 8	19°24	6°24	8°24	17°35	16°20	29°41	8°36	W29
T 30	20 44 42	9°41'35	17°10	4°46	4°42	2°42	29°50	22°14	19°21	6°25	8°25	17°33	16°17	29°48	8°35	T 30
F 31	20 48 38	10♌39'24	29♒ 5	6♌46	4♍33	3♍21	0♋ 1	22♍20	19♒19	6♊26	8♎27	17♉30	16♉14	29♉54	8♈34	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n 4	20s11	0n50	19n39	3s54	12n47	0s37	17n44	1n10	23n18	0s 9	6n14	2n20	15s31	0s45	19n57	1s29	12n29	17n 4	22s27	22s24	20s13	5n59	2n43	W 1
T 2	22 59	16 30	1 53	19 51	3 42	12 25	0 46	17 32	1 9	23 19	0 9	6 12	2 20	15 32	0 46	19 57	1 29	12 29	17 4	22 26	22 25	20 10	5 59	2 43	T 2
F 3	22 53	12 10	2 51	20 4	3 30	12 3	0 54	17 21	1 9	23 20	0 9	6 10	2 20	15 32	0 46	19 57	1 29	12 28	17 3	22 26	22 25	20 8	6 0	2 43	F 3
S 4	22 47	7 22	3 43	20 17	3 17	11 41	1 3	17 9	1 9	23 20	0 9	6 9	2 20	15 33	0 46	19 57	1 29	12 27	17 3	22 26	22 26	20 6	6 0	2 43	S 4
S 5	22 40	2 14	4 25	20 32	3 3	11 20	1 12	16 57	1 8	23 21	0 9	6 7	2 20	15 33	0 46	19 58	1 29	12 26	17 2	22 26	22 26	20 4	6 0	2 43	S 5
M 6	22 33	3n 2	4 56	20 46	2 49	10 58	1 22	16 46	1 8	23 21	0 9	6 5	2 19	15 34	0 46	19 58	1 29	12 26	17 1	22 26	22 26	20 2	6 0	2 44	M 6
T 7	22 26	8 18	5 14	21 1	2 34	10 37	1 31	16 34	1 7	23 22	0 8	6 3	2 19	15 35	0 46	19 58	1 29	12 25	17 1	22 26	22 27	20 0	6 0	2 44	T 7
W 8	22 18	13 21	5 17	21 17	2 19	10 16	1 41	16 21	1 7	23 23	0 8	6 1	2 19	15 35	0 46	19 59	1 29	12 24	17 0	22 26	22 27	19 58	6 0	2 44	W 8
T 9	22 10	17 57	5 4	21 32	2 4	9 55	1 51	16 9	1 7	23 23	0 8	5 59	2 19	15 36	0 46	19 59	1 29	12 23	17 0	22 26	22 28	19 55	6 1	2 44	T 9
F 10	22 2	21 47	4 33	21 47	1 49	9 34	2 1	15 57	1 6	23 24	0 8	5 57	2 19	15 36	0 46	19 59	1 29	12 22	16 59	22 26	22 28	19 53	6 1	2 44	F 10
S 11	21 53	24 28	3 46	22 1	1 34	9 13	2 12	15 44	1 6	23 24	0 8	5 55	2 19	15 37	0 46	19 59	1 29	12 21	16 59	22 26	22 29	19 51	6 1	2 44	S 11
S 12	21 44	25 39	2 42	22 15	1 19	8 53	2 22	15 32	1 5	23 25	0 8	5 53	2 18	15 38	0 46	20 0	1 29	12 20	16 58	22 26	22 29	19 49	6 1	2 44	S 12
M13	21 34	25 2	1 27	22 27	1 4	8 33	2 33	15 19	1 5	23 25	0 8	5 50	2 18	15 38	0 46	20 0	1 29	12 20	16 57	22 26	22 29	19 47	6 1	2 44	M13
T 14	21 24	22 36	0 4	22 39	0 50	8 14	2 44	15 6	1 5	23 26	0 8	5 48	2 18	15 39	0 46	20 0	1 29	12 19	16 57	22 26	22 30	19 45	6 1	2 44	T 14
W15	21 14	18 33	1s19	22 49	0 35	7 55	2 56	14 54	1 4	23 26	0 8	5 46	2 18	15 40	0 46	20 0	1 29	12 18	16 56	22 26	22 30	19 42	6 1	2 44	W15
T 16	21 3	13 18	2 37	22 58	0 21	7 36	3 7	14 41	1 4	23 26	0 8	5 44	2 18	15 40	0 46	20 1	1 29	12 17	16 56	22 26	22 31	19 40	6 1	2 44	T 16
F 17	20 52	7 20	3 43	23 4	0 8	7 17	3 19	14 28	1 3	23 27	0 8	5 42	2 18	15 41	0 46	20 1	1 29	12 16	16 55	22 26	22 31	19 38	6 1	2 45	F 17
S 18	20 40	1 6	4 32	23 9	0n 5	6 59	3 31	14 14	1 3	23 27	0 7	5 39	2 17	15 42	0 46	20 1	1 29	12 15	16 55	22 26	22 31	19 36	6 0	2 45	S 18
S 19	20 28	5s 1	5 4	23 12	0 17	6 42	3 43	14 1	1 3	23 27	0 7	5 37	2 17	15 43	0 46	20 1	1 29	12 14	16 54	22 27	22 32	19 34	6 0	2 45	S 19
M20	20 16	10 41	5 17	23 12	0 29	6 25	3 55	13 48	1 2	23 28	0 7	5 35	2 17	15 43	0 46	20 2	1 29	12 13	16 54	22 27	22 32	19 31	6 0	2 45	M20
T 21	20 4	15 41	5 12	23 9	0 40	6 9	4 7	13 34	1 2	23 28	0 7	5 33	2 17	15 44	0 46	20 2	1 29	12 12	16 53	22 27	22 33	19 29	6 0	2 45	T 21
W22	19 51	19 49	4 51	23 4	0 50	5 53	4 19	13 21	1 1	23 28	0 7	5 30	2 17	15 45	0 46	20 2	1 29	12 11	16 53	22 27	22 33	19 27	6 0	2 45	W22
T 23	19 38	22 55	4 17	22 57	0 59	5 38	4 32	13 7	1 1	23 29	0 7	5 28	2 17	15 46	0 46	20 2	1 29	12 10	16 52	22 27	22 33	19 25	6 0	2 45	T 23
F 24	19 24	24 53	3 31	22 47	1 8	5 24	4 45	12 53	1 1	23 29	0 7	5 26	2 17	15 46	0 46	20 2	1 29	12 9	16 52	22 27	22 34	19 23	5 59	2 45	F 24
S 25	19 10	25 39	2 37	22 33	1 15	5 10	4 57	12 39	1 0	23 29	0 7	5 23	2 16	15 47	0 46	20 3	1 29	12 8	16 51	22 26	22 34	19 20	5 59	2 45	S 25
S 26	18 56	25 13	1 37	22 18	1 22	4 58	5 10	12 25	1 0	23 29	0 7	5 21	2 16	15 48	0 46	20 3	1 29	12 7	16 51	22 26	22 35	19 18	5 59	2 45	S 26
M27	18 42	23 37	0 32	21 59	1 28	4 46	5 23	12 11	0 59	23 29	0 7	5 18	2 16	15 48	0 46	20 3	1 29	12 6	16 50	22 26	22 35	19 16	5 58	2 45	M27
T 28	18 27	21 0	0n33	21 39	1 33	4 35	5 35	11 57	0 59	23 30	0 7	5 16	2 16	15 49	0 46	20 3	1 29	12 5	16 50	22 26	22 35	19 14	5 58	2 45	T 28
W29	18 12	17 31	1 36	21 15	1 37	4 24	5 48	11 43	0 58	23 30	0 6	5 13	2 16	15 50	0 46	20 3	1 29	12 4	16 49	22 26	22 36	19 11	5 58	2 45	W29
T 30	17 57	13 19	2 36	20 50	1 41	4 15	6 1	11 29	0 58	23 30	0 6	5 11	2 16	15 51	0 46	20 4	1 29	12 3	16 49	22 26	22 36	19 9	5 57	2 46	T 30
F 31	17n41	8s37	3n29	20n22	1n43	4n 7	6s13	11n14	0n58	23n30	0s 6	5n 8	2n16	15s51	0s46	20n 4	1s29	12n 2	16n48	22s27	22s36	19s 7	5n57	2n46	F 31

Julian Day Number = 1992985.5, Delta T = 54m12s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'04, Lahiri = 6°22'04 Julian Calendar 1 July 744 == Greg. Calendar 5 July 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

AUGUST 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 52 35	11♌37'14	11♓ 6	8♌47	4°R21	3♍59	0♋13	22♍26	19°R17	6♊28	8♎28	17°R26	16♑11	0♒ 1	8°R33	S 1
S 2	20 56 31	12°35'06	23°16	10°46	4♍ 7	4°38	0°25	22°32	19♒14	6°29	8°30	17♑22	16° 8	0° 8	8♈31	S 2
M 3	21 0 28	13°32'59	5♈36	12°45	3°51	5°16	0°36	22°38	19°12	6°30	8°31	17°18	16° 4	0°14	8°30	M 3
T 4	21 4 24	14°30'54	18°10	14°43	3°32	5°55	0°48	22°44	19°10	6°31	8°33	17°15	16° 1	0°21	8°29	T 4
W 5	21 8 21	15°28'52	0♉59	16°40	3°11	6°33	0°59	22°51	19° 7	6°32	8°35	17°13	15°58	0°28	8°27	W 5
T 6	21 12 17	16°26'51	14° 7	18°36	2°48	7°12	1°11	22°57	19° 5	6°33	8°36	17°D12	15°55	0°34	8°26	T 6
F 7	21 16 14	17°24'52	27°37	20°31	2°23	7°51	1°22	23° 3	19° 2	6°34	8°38	17°13	15°52	0°41	8°24	F 7
S 8	21 20 11	18°22'55	11♊28	22°25	1°56	8°29	1°33	23°10	19° 0	6°35	8°40	17°14	15°49	0°48	8°23	S 8
S 9	21 24 7	19°21'00	25°43	24°18	1°27	9° 8	1°44	23°16	18°58	6°36	8°41	17°15	15°45	0°54	8°21	S 9
M10	21 28 4	20°19'08	10♋20	26° 9	0°57	9°47	1°55	23°23	18°55	6°37	8°43	17°R16	15°42	1° 1	8°20	M10
T 11	21 32 0	21°17'17	25°14	28° 0	0°25	10°26	2° 6	23°29	18°53	6°38	8°45	17°16	15°39	1° 8	8°18	T 11
W12	21 35 57	22°15'28	10♌19	29°49	29♌52	11° 4	2°17	23°36	18°50	6°38	8°47	17°15	15°36	1°14	8°16	W12
T 13	21 39 53	23°13'41	25°27	1♍37	29°17	11°43	2°28	23°42	18°48	6°39	8°49	17°11	15°33	1°21	8°15	T 13
F 14	21 43 50	24°11'55	10♍28	3°23	28°42	12°22	2°39	23°49	18°46	6°40	8°50	17° 6	15°30	1°28	8°13	F 14
S 15	21 47 47	25°10'12	25°12	5° 9	28° 5	13° 1	2°49	23°56	18°43	6°41	8°52	17° 1	15°26	1°34	8°11	S 15
S 16	21 51 43	26° 8'29	9♎33	6°53	27°29	13°40	3° 0	24° 2	18°41	6°42	8°54	16°55	15°23	1°41	8° 9	S 16
M17	21 55 40	27° 6'49	23°28	8°36	26°52	14°19	3°10	24° 9	18°38	6°42	8°56	16°50	15°20	1°48	8° 7	M17
T 18	21 59 36	28° 5'10	6♏53	10°18	26°15	14°58	3°20	24°16	18°36	6°43	8°58	16°46	15°17	1°54	8° 5	T 18
W19	22 3 33	29° 3'33	19°52	11°59	25°38	15°38	3°31	24°23	18°34	6°43	9° 0	16°44	15°14	2° 1	8° 3	W19
T 20	22 7 29	0♍ 1'58	2♐27	13°39	25° 2	16°17	3°41	24°30	18°31	6°44	9° 2	16°D44	15°10	2° 7	8° 1	T 20
F 21	22 11 26	1° 0'24	14°43	15°17	24°26	16°56	3°51	24°37	18°29	6°45	9° 4	16°45	15° 7	2°14	7°59	F 21
S 22	22 15 22	1°58'52	26°45	16°55	23°52	17°35	4° 1	24°44	18°27	6°45	9° 6	16°46	15° 4	2°21	7°57	S 22
S 23	22 19 19	2°57'22	8♑37	18°31	23°18	18°15	4°10	24°51	18°24	6°46	9° 8	16°47	15° 1	2°27	7°55	S 23
M24	22 23 15	3°55'53	20°25	20° 6	22°46	18°54	4°20	24°58	18°22	6°46	9°10	16°R47	14°58	2°34	7°53	M24
T 25	22 27 12	4°54'26	2♒12	21°41	22°15	19°33	4°30	25° 5	18°20	6°46	9°12	16°46	14°55	2°41	7°50	T 25
W26	22 31 9	5°53'01	14° 3	23°14	21°46	20°13	4°39	25°12	18°18	6°47	9°14	16°43	14°51	2°47	7°48	W26
T 27	22 35 5	6°51'38	25°59	24°46	21°19	20°52	4°49	25°19	18°15	6°47	9°16	16°37	14°48	2°54	7°46	T 27
F 28	22 39 2	7°50'16	8♓ 3	26°17	20°54	21°32	4°58	25°26	18°13	6°48	9°18	16°29	14°45	3° 1	7°44	F 28
S 29	22 42 58	8°48'57	20°16	27°47	20°31	22°11	5° 7	25°33	18°11	6°48	9°21	16°20	14°42	3° 7	7°41	S 29
S 30	22 46 55	9°47'40	2♈40	29°16	20°10	22°51	5°16	25°40	18° 9	6°48	9°23	16°10	14°39	3°14	7°39	S 30
M31	22 50 51	10♍46'25	15♈14	0♎44	19♌51	23♍30	5♋25	25♍47	18♒ 7	6♊48	9♎25	16♑ 0	14♑36	3♒21	7♈36	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n25	3s33	4n13	19n53	1n45	4n 0	6s26	11n 0	0n57	23n30	0s 6	5n 6	2n16	15s52	0s46	20n 4	1s29	12n 1	16n48	22s27	22s37	19s 5	5n57	2n46
S 2	17 9	1n41	4 47	19 21	1 46	3 53	6 38	10 45	0 57	23 30	0 6	5 3	2 15	15 53	0 46	20 4	1 30	12 0	16 47	22 28	22 37	19 2	5 56	2 46
M 3	16 52	6 56	5 7	18 48	1 47	3 48	6 49	10 31	0 56	23 30	0 6	5 1	2 15	15 54	0 46	20 4	1 30	11 59	16 47	22 28	22 38	19 0	5 56	2 46
T 4	16 35	12 0	5 14	18 13	1 46	3 44	7 1	10 16	0 56	23 30	0 6	4 58	2 15	15 54	0 46	20 4	1 30	11 58	16 46	22 29	22 38	18 58	5 55	2 46
W 5	16 18	16 39	5 5	17 37	1 46	3 41	7 12	10 1	0 55	23 30	0 6	4 56	2 15	15 55	0 46	20 5	1 30	11 57	16 46	22 29	22 38	18 56	5 55	2 46
T 6	16 1	20 38	4 40	17 0	1 44	3 39	7 23	9 47	0 55	23 30	0 6	4 53	2 15	15 56	0 46	20 5	1 30	11 56	16 45	22 29	22 39	18 53	5 54	2 46
F 7	15 43	23 38	3 59	16 22	1 42	3 39	7 33	9 32	0 55	23 30	0 6	4 50	2 15	15 57	0 46	20 5	1 30	11 55	16 45	22 29	22 39	18 51	5 54	2 46
S 8	15 25	25 20	3 4	15 42	1 40	3 39	7 43	9 17	0 54	23 30	0 5	4 48	2 15	15 58	0 46	20 5	1 30	11 54	16 45	22 29	22 40	18 49	5 53	2 46
S 9	15 7	25 27	1 55	15 2	1 37	3 41	7 52	9 2	0 54	23 30	0 5	4 45	2 15	15 58	0 46	20 5	1 30	11 53	16 44	22 29	22 40	18 47	5 53	2 46
M10	14 49	23 50	0 38	14 21	1 33	3 44	8 0	8 46	0 53	23 30	0 5	4 42	2 15	15 59	0 46	20 5	1 30	11 52	16 44	22 29	22 40	18 44	5 52	2 46
T 11	14 30	20 31	0s43	13 39	1 29	3 47	8 8	8 31	0 53	23 30	0 5	4 40	2 15	16 0	0 46	20 5	1 30	11 51	16 43	22 29	22 41	18 42	5 51	2 46
W12	14 11	15 48	2 3	12 56	1 25	3 52	8 15	8 16	0 52	23 30	0 5	4 37	2 14	16 1	0 46	20 5	1 30	11 50	16 43	22 29	22 41	18 40	5 51	2 46
T 13	13 52	10 6	3 13	12 14	1 21	3 58	8 21	8 1	0 52	23 30	0 5	4 34	2 14	16 1	0 46	20 5	1 30	11 49	16 42	22 29	22 41	18 37	5 50	2 46
F 14	13 33	3 51	4 10	11 30	1 16	4 5	8 26	7 45	0 51	23 30	0 5	4 31	2 14	16 2	0 46	20 6	1 30	11 48	16 42	22 30	22 42	18 35	5 49	2 46
S 15	13 13	2s29	4 49	10 47	1 10	4 13	8 31	7 30	0 51	23 30	0 5	4 29	2 14	16 3	0 46	20 6	1 30	11 47	16 42	22 31	22 42	18 33	5 49	2 46
S 16	12 53	8 31	5 8	10 3	1 5	4 22	8 34	7 14	0 50	23 29	0 5	4 26	2 14	16 4	0 46	20 6	1 30	11 45	16 41	22 31	22 42	18 31	5 48	2 47
M17	12 33	13 56	5 9	9 19	0 59	4 32	8 37	6 59	0 50	23 29	0 5	4 23	2 14	16 4	0 46	20 6	1 30	11 44	16 41	22 32	22 43	18 28	5 47	2 47
T 18	12 13	18 30	4 52	8 34	0 53	4 43	8 39	6 43	0 50	23 29	0 5	4 20	2 14	16 5	0 46	20 6	1 30	11 43	16 41	22 33	22 43	18 26	5 47	2 47
W19	11 53	22 0	4 20	7 50	0 47	4 54	8 40	6 27	0 49	23 29	0 4	4 18	2 14	16 6	0 46	20 6	1 30	11 42	16 40	22 33	22 44	18 24	5 46	2 47
T 20	11 32	24 20	3 37	7 6	0 40	5 6	8 40	6 12	0 49	23 29	0 4	4 15	2 14	16 6	0 46	20 6	1 30	11 41	16 40	22 33	22 44	18 21	5 45	2 47
F 21	11 11	25 27	2 45	6 21	0 34	5 18	8 39	5 56	0 48	23 29	0 4	4 12	2 14	16 7	0 46	20 6	1 30	11 40	16 39	22 33	22 44	18 19	5 44	2 47
S 22	10 50	25 20	1 47	5 37	0 27	5 32	8 37	5 40	0 48	23 28	0 4	4 9	2 14	16 8	0 46	20 6	1 30	11 39	16 39	22 33	22 45	18 17	5 43	2 47
S 23	10 29	24 3	0 44	4 52	0 20	5 45	8 34	5 24	0 47	23 28	0 4	4 6	2 14	16 9	0 46	20 6	1 30	11 38	16 39	22 32	22 45	18 14	5 43	2 47
M24	10 8	21 43	0n20	4 8	0 13	5 59	8 30	5 8	0 47	23 28	0 4	4 4	2 14	16 9	0 46	20 6	1 30	11 37	16 38	22 32	22 45	18 12	5 42	2 47
T 25	9 47	18 28	1 22	3 24	0 5	6 13	8 26	4 52	0 46	23 28	0 4	4 1	2 14	16 10	0 46	20 6	1 30	11 36	16 38	22 33	22 46	18 10	5 41	2 47
W26	9 25	14 28	2 22	2 41	0s 2	6 27	8 20	4 36	0 46	23 27	0 4	3 58	2 14	16 11	0 46	20 6	1 31	11 35	16 38	22 33	22 46	18 7	5 40	2 47
T 27	9 3	9 53	3 15	1 57	0 9	6 41	8 14	4 20	0 45	23 27	0 4	3 55	2 14	16 11	0 46	20 6	1 31	11 33	16 37	22 34	22 46	18 5	5 39	2 47
F 28	8 41	4 54	4 0	1 14	0 17	6 55	8 8	4 4	0 45	23 27	0 3	3 52	2 13	16 12	0 46	20 6	1 31	11 32	16 37	22 35	22 47	18 3	5 38	2 47
S 29	8 19	0n20	4 35	0 31	0 24	7 9	8 0	3 48	0 44	23 27	0 3	3 49	2 13	16 13	0 46	20 6	1 31	11 31	16 37	22 36	22 47	18 0	5 37	2 47
S 30	7 57	5 36	4 57	0s12	0 32	7 23	7 52	3 32	0 44	23 27	0 3	3 46	2 13	16 13	0 46	20 6	1 31	11 30	16 37	22 37	22 47	17 58	5 36	2 47
M31	7n35	10n44	5n 5	0s54	0s40	7n37	7s44	3n16	0n43	23n26	0s 3	3n43	2n13	16s14	0s46	20n 6	1s31	11n29	16n36	22s38	22s48	17s56	5n35	2n47

Julian Day Number = 1993016.5, Delta T = 54m11s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'08, Lahiri = 6°22'09 Julian Calendar 1 Aug. 744 == Greg. Calendar 5 Aug. 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

SEPTEMBER 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 54 48	11♍45'12	28♈ 0	2♎11	19°R35	24♍10	5♋34	25♍54	18°R 4	6♊48	9♎27	15°R52	14♉32	3♒27	7°R34	T 1
W 2	22 58 44	12°44'01	10♉59	3°37	19♌21	24°50	5°42	26° 1	18♒ 2	6°49	9°29	15♉45	14°29	3°34	7♈31	W 2
T 3	23 2 41	13°42'53	24°11	5° 2	19°10	25°30	5°51	26° 9	18° 0	6°49	9°31	15°41	14°26	3°41	7°29	T 3
F 4	23 6 38	14°41'47	7♊39	6°26	19° 1	26° 9	5°59	26°16	17°58	6°49	9°34	15°39	14°23	3°47	7°26	F 4
S 5	23 10 34	15°40'44	21°23	7°49	18°55	26°49	6° 8	26°23	17°56	6°49	9°36	15°D39	14°20	3°54	7°24	S 5
S 6	23 14 31	16°39'43	5♋24	9°10	18°51	27°29	6°16	26°30	17°54	6°R49	9°38	15°40	14°16	4° 1	7°21	S 6
M 7	23 18 27	17°38'44	19°43	10°30	18°D49	28° 9	6°24	26°37	17°52	6°49	9°40	15°R40	14°13	4° 7	7°19	M 7
T 8	23 22 24	18°37'48	4♌17	11°49	18°50	28°49	6°32	26°45	17°50	6°49	9°43	15°39	14°10	4°14	7°16	T 8
W 9	23 26 20	19°36'54	19° 3	13° 7	18°53	29°29	6°40	26°52	17°48	6°49	9°45	15°35	14° 7	4°21	7°13	W 9
T 10	23 30 17	20°36'02	3♍55	14°23	18°58	0♎ 9	6°47	26°59	17°46	6°49	9°47	15°29	14° 4	4°27	7°11	T 10
F 11	23 34 13	21°35'12	18°43	15°38	19° 6	0°49	6°55	27° 7	17°44	6°48	9°50	15°20	14° 1	4°34	7° 8	F 11
S 12	23 38 10	22°34'25	3♎21	16°52	19°16	1°30	7° 2	27°14	17°43	6°48	9°52	15° 9	13°57	4°40	7° 5	S 12
S 13	23 42 7	23°33'39	17°41	18° 3	19°28	2°10	7° 9	27°21	17°41	6°48	9°54	14°59	13°54	4°47	7° 3	S 13
M14	23 46 3	24°32'56	1♏36	19°13	19°42	2°50	7°16	27°28	17°39	6°48	9°57	14°49	13°51	4°54	7° 0	M14
T 15	23 50 0	25°32'14	15° 5	20°21	19°58	3°30	7°23	27°36	17°37	6°48	9°59	14°40	13°48	5° 0	6°57	T 15
W16	23 53 56	26°31'35	28° 7	21°27	20°16	4°11	7°30	27°43	17°35	6°47	10° 1	14°35	13°45	5° 7	6°55	W16
T 17	23 57 53	27°30'57	10♐44	22°31	20°36	4°51	7°37	27°50	17°34	6°47	10° 4	14°31	13°41	5°14	6°52	T 17
F 18	0 1 49	28°30'21	23° 2	23°33	20°58	5°31	7°43	27°58	17°32	6°46	10° 6	14°30	13°38	5°20	6°49	F 18
S 19	0 5 46	29°29'47	5♑ 3	24°32	21°22	6°12	7°49	28° 5	17°31	6°46	10° 9	14°D30	13°35	5°27	6°46	S 19
S 20	0 9 42	0♎29'15	16°56	25°28	21°47	6°52	7°56	28°12	17°29	6°46	10°11	14°R30	13°32	5°34	6°43	S 20
M21	0 13 39	1°28'44	28°43	26°21	22°14	7°33	8° 2	28°20	17°27	6°45	10°13	14°29	13°29	5°40	6°41	M21
T 22	0 17 36	2°28'16	10♒32	27°10	22°43	8°14	8° 7	28°27	17°26	6°45	10°16	14°27	13°26	5°47	6°38	T 22
W23	0 21 32	3°27'49	22°26	27°56	23°13	8°54	8°13	28°34	17°25	6°44	10°18	14°21	13°22	5°54	6°35	W23
T 24	0 25 29	4°27'24	4♓29	28°37	23°45	9°35	8°19	28°42	17°23	6°43	10°21	14°13	13°19	6° 0	6°32	T 24
F 25	0 29 25	5°27'01	16°43	29°14	24°18	10°16	8°24	28°49	17°22	6°43	10°23	14° 2	13°16	6° 7	6°29	F 25
S 26	0 33 22	6°26'40	29°10	29°46	24°53	10°56	8°29	28°56	17°20	6°42	10°25	13°50	13°13	6°14	6°27	S 26
S 27	0 37 18	7°26'21	11♈51	0♏13	25°29	11°37	8°34	29° 3	17°19	6°42	10°28	13°36	13°10	6°20	6°24	S 27
M28	0 41 15	8°26'04	24°45	0°33	26° 6	12°18	8°39	29°11	17°18	6°41	10°30	13°23	13° 7	6°27	6°21	M28
T 29	0 45 11	9°25'50	7♉51	0°47	26°45	12°59	8°44	29°18	17°17	6°40	10°33	13°11	13° 3	6°34	6°18	T 29
W30	0 49 8	10♎25'37	21♉ 9	0°R54	27♌25	13♎40	8♋48	29♍25	17♒16	6♊39	10♎35	13♑ 2	13♑ 0	6♒40	6♈15	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n12	15n28	4n59	1s36	0s47	7n50	7s35	2n59	0n43	23n26	0s 3	3n41	2n13	16s15	0s46	20n 6	1s31	11n28	16n36	22s39	22s48	17s53	5n34	2n47
W 2	6 50	19 36	4 37	2 17	0 55	8 3	7 26	2 43	0 42	23 26	0 3	3 38	2 13	16 15	0 46	20 6	1 31	11 27	16 36	22 40	22 49	17 51	5 33	2 47
T 3	6 27	22 49	4 0	2 58	1 3	8 16	7 16	2 27	0 42	23 25	0 3	3 35	2 13	16 16	0 46	20 6	1 31	11 26	16 36	22 40	22 49	17 49	5 32	2 47
F 4	6 4	24 50	3 9	3 39	1 10	8 29	7 6	2 10	0 41	23 25	0 3	3 32	2 13	16 17	0 46	20 6	1 31	11 25	16 35	22 41	22 49	17 46	5 31	2 47
S 5	5 41	25 25	2 6	4 18	1 18	8 40	6 55	1 54	0 41	23 25	0 3	3 29	2 13	16 17	0 46	20 6	1 31	11 24	16 35	22 41	22 50	17 44	5 30	2 47
S 6	5 18	24 24	0 55	4 58	1 25	8 52	6 45	1 37	0 40	23 25	0 3	3 26	2 13	16 18	0 46	20 6	1 31	11 23	16 35	22 41	22 50	17 41	5 29	2 47
M 7	4 55	21 47	0s22	5 36	1 33	9 3	6 34	1 21	0 40	23 24	0 2	3 23	2 13	16 18	0 46	20 6	1 31	11 22	16 35	22 41	22 50	17 39	5 28	2 47
T 8	4 32	17 44	1 38	6 14	1 40	9 13	6 23	1 5	0 39	23 24	0 2	3 20	2 13	16 19	0 46	20 6	1 31	11 21	16 34	22 41	22 51	17 37	5 27	2 47
W 9	4 8	12 33	2 48	6 52	1 48	9 22	6 12	0 48	0 39	23 24	0 2	3 17	2 13	16 20	0 46	20 6	1 31	11 19	16 34	22 41	22 51	17 34	5 26	2 47
T 10	3 45	6 37	3 47	7 28	1 55	9 32	6 0	0 32	0 38	23 23	0 2	3 14	2 13	16 20	0 46	20 6	1 31	11 18	16 34	22 42	22 51	17 32	5 25	2 47
F 11	3 21	0 20	4 31	8 4	2 2	9 40	5 49	0 15	0 38	23 23	0 2	3 12	2 13	16 21	0 46	20 6	1 31	11 17	16 34	22 43	22 52	17 30	5 24	2 47
S 12	2 58	5s52	4 56	8 39	2 9	9 48	5 38	0s 1	0 37	23 23	0 2	3 9	2 13	16 21	0 46	20 6	1 31	11 16	16 34	22 44	22 52	17 27	5 23	2 47
S 13	2 34	11 38	5 2	9 13	2 16	9 55	5 26	0 18	0 37	23 23	0 2	3 6	2 13	16 22	0 46	20 6	1 31	11 15	16 34	22 45	22 52	17 25	5 22	2 47
M14	2 11	16 38	4 50	9 46	2 22	10 1	5 15	0 35	0 36	23 22	0 2	3 3	2 13	16 22	0 46	20 5	1 31	11 14	16 33	22 46	22 53	17 22	5 21	2 47
T 15	1 47	20 38	4 22	10 18	2 28	10 7	5 4	0 51	0 36	23 22	0 2	3 0	2 13	16 23	0 46	20 5	1 31	11 13	16 33	22 47	22 53	17 20	5 20	2 47
W16	1 23	23 27	3 40	10 48	2 34	10 12	4 52	1 8	0 35	23 22	0 1	2 57	2 13	16 23	0 46	20 5	1 31	11 12	16 33	22 48	22 53	17 18	5 19	2 47
T 17	1 0	25 0	2 49	11 18	2 40	10 17	4 41	1 24	0 35	23 22	0 1	2 54	2 13	16 24	0 46	20 5	1 31	11 11	16 33	22 48	22 54	17 15	5 17	2 47
F 18	0 36	25 16	1 52	11 46	2 46	10 21	4 30	1 41	0 34	23 21	0 1	2 51	2 13	16 24	0 46	20 5	1 32	11 10	16 33	22 48	22 54	17 13	5 16	2 47
S 19	0 12	24 20	0 50	12 13	2 51	10 24	4 18	1 58	0 34	23 21	0 1	2 48	2 13	16 25	0 46	20 5	1 32	11 9	16 33	22 48	22 54	17 10	5 15	2 47
S 20	0s12	22 19	0n13	12 38	2 56	10 26	4 7	2 14	0 33	23 21	0 1	2 45	2 13	16 25	0 46	20 5	1 32	11 8	16 33	22 48	22 55	17 8	5 14	2 47
M21	0 36	19 20	1 15	13 2	3 0	10 28	3 56	2 31	0 33	23 21	0 1	2 42	2 13	16 26	0 46	20 5	1 32	11 7	16 33	22 48	22 55	17 6	5 13	2 46
T 22	0 59	15 35	2 13	13 23	3 4	10 29	3 46	2 47	0 32	23 20	0 1	2 40	2 13	16 26	0 46	20 5	1 32	11 6	16 32	22 49	22 55	17 3	5 12	2 46
W23	1 23	11 11	3 7	13 43	3 7	10 29	3 35	3 4	0 32	23 20	0 1	2 37	2 14	16 27	0 45	20 4	1 32	11 5	16 32	22 49	22 56	17 1	5 10	2 46
T 24	1 47	6 20	3 52	14 0	3 10	10 29	3 24	3 21	0 31	23 20	0 1	2 34	2 14	16 27	0 45	20 4	1 32	11 4	16 32	22 50	22 56	16 58	5 9	2 46
F 25	2 11	1 11	4 27	14 16	3 12	10 28	3 14	3 37	0 31	23 20	0 0	2 31	2 14	16 27	0 45	20 4	1 32	11 3	16 32	22 51	22 56	16 56	5 8	2 46
S 26	2 35	4n 6	4 50	14 28	3 13	10 26	3 3	3 54	0 30	23 19	0 0	2 28	2 14	16 28	0 45	20 4	1 32	11 2	16 32	22 53	22 56	16 53	5 7	2 46
S 27	2 58	9 18	5 0	14 38	3 13	10 24	2 53	4 10	0 30	23 19	0 0	2 25	2 14	16 28	0 45	20 4	1 32	11 1	16 32	22 54	22 57	16 51	5 6	2 46
M28	3 22	14 12	4 54	14 45	3 13	10 21	2 43	4 27	0 29	23 19	0 0	2 22	2 14	16 28	0 45	20 4	1 32	11 0	16 32	22 55	22 57	16 49	5 4	2 46
T 29	3 46	18 31	4 33	14 48	3 11	10 17	2 33	4 43	0 29	23 19	0n 0	2 19	2 14	16 29	0 45	20 4	1 32	10 59	16 32	22 57	22 57	16 46	5 3	2 46
W30	4s 9	21n58	3n57	14s48	3s 8	10n13	2s23	5s 0	0n28	23n19	0n 0	2n17	2n14	16s29	0s45	20n 3	1s32	10n58	16n32	22s58	22s58	16s44	5n 2	2n46

Julian Day Number = 1993047.5, Delta T = 54m10s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'12, Lahiri = 6°22'13 Julian Calendar 1 Sept. 744 == Greg. Calendar 5 Sept. 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

OCTOBER 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 53 4	11♎25'27	4♊36	0°R53	28♌ 6	14♎21	8♋53	29♍32	17°R14	6°R39	10♎37	12°R55	12♑57	6♒47	6°R12	T 1
F 2	0 57 1	12°25'19	18°14	0♏43	28°48	15° 2	8°57	29°40	17♒13	6♊38	10°40	12♑52	12°54	6°54	6♈10	F 2
S 3	1 0 58	13°25'13	2♋ 0	0°25	29°31	15°43	9° 1	29°47	17°12	6°37	10°42	12°51	12°51	7° 0	6° 7	S 3
S 4	1 4 54	14°25'10	15°57	29♎58	0♍15	16°24	9° 5	29°54	17°11	6°36	10°45	12°50	12°47	7° 7	6° 4	S 4
M 5	1 8 51	15°25'09	0♌ 3	29°22	1° 1	17° 6	9° 8	0♎ 1	17°10	6°35	10°47	12°50	12°44	7°14	6° 1	M 5
T 6	1 12 47	16°25'10	14°18	28°37	1°47	17°47	9°12	0° 8	17°10	6°34	10°50	12°48	12°41	7°20	5°59	T 6
W 7	1 16 44	17°25'13	28°41	27°43	2°34	18°28	9°15	0°15	17° 9	6°33	10°52	12°44	12°38	7°27	5°56	W 7
T 8	1 20 40	18°25'19	13♍ 7	26°41	3°22	19°10	9°18	0°22	17° 8	6°32	10°54	12°36	12°35	7°34	5°53	T 8
F 9	1 24 37	19°25'26	27°31	25°32	4°11	19°51	9°21	0°29	17° 7	6°31	10°57	12°26	12°32	7°40	5°50	F 9
S 10	1 28 33	20°25'36	11♎48	24°17	5° 1	20°32	9°24	0°37	17° 6	6°30	10°59	12°14	12°28	7°47	5°48	S 10
S 11	1 32 30	21°25'47	25°52	23° 0	5°52	21°14	9°26	0°44	17° 6	6°29	11° 2	12° 2	12°25	7°54	5°45	S 11
M12	1 36 27	22°26'01	9♏37	21°42	6°43	21°56	9°29	0°51	17° 5	6°28	11° 4	11°50	12°22	8° 0	5°42	M12
T 13	1 40 23	23°26'16	22°59	20°25	7°35	22°37	9°31	0°58	17° 5	6°27	11° 6	11°40	12°19	8° 7	5°40	T 13
W14	1 44 20	24°26'33	5♐59	19°12	8°28	23°19	9°33	1° 4	17° 4	6°26	11° 9	11°33	12°16	8°14	5°37	W14
T 15	1 48 16	25°26'52	18°36	18° 5	9°22	24° 0	9°34	1°11	17° 4	6°25	11°11	11°28	12°13	8°20	5°34	T 15
F 16	1 52 13	26°27'12	0♑54	17° 7	10°16	24°42	9°36	1°18	17° 3	6°23	11°13	11°26	12° 9	8°27	5°32	F 16
S 17	1 56 9	27°27'34	12°57	16°19	11°11	25°24	9°37	1°25	17° 3	6°22	11°16	11°D26	12° 6	8°33	5°29	S 17
S 18	2 0 6	28°27'57	24°50	15°41	12° 6	26° 6	9°39	1°32	17° 3	6°21	11°18	11°R26	12° 3	8°40	5°27	S 18
M19	2 4 2	29°28'21	6♒39	15°15	13° 2	26°48	9°40	1°39	17° 2	6°20	11°20	11°26	12° 0	8°47	5°24	M19
T 20	2 7 59	0♏28'47	18°28	15° 1	13°59	27°30	9°40	1°45	17° 2	6°18	11°23	11°24	11°57	8°53	5°22	T 20
W21	2 11 56	1°29'15	0♓24	14°D58	14°56	28°12	9°41	1°52	17° 2	6°17	11°25	11°20	11°53	9° 0	5°19	W21
T 22	2 15 52	2°29'44	12°31	15° 6	15°54	28°54	9°41	1°59	17° 2	6°16	11°27	11°14	11°50	9° 7	5°17	T 22
F 23	2 19 49	3°30'14	24°52	15°25	16°52	29°36	9°R41	2° 5	17°D 2	6°14	11°30	11° 5	11°47	9°13	5°14	F 23
S 24	2 23 45	4°30'46	7♈31	15°53	17°51	0♏18	9°41	2°12	17° 2	6°13	11°32	10°54	11°44	9°20	5°12	S 24
S 25	2 27 42	5°31'19	20°27	16°30	18°50	1° 0	9°41	2°18	17° 2	6°11	11°34	10°42	11°41	9°27	5° 9	S 25
M26	2 31 38	6°31'54	3♉41	17°14	19°50	1°42	9°41	2°25	17° 2	6°10	11°36	10°30	11°38	9°33	5° 7	M26
T 27	2 35 35	7°32'30	17°11	18° 6	20°50	2°24	9°40	2°31	17° 2	6° 9	11°39	10°20	11°34	9°40	5° 5	T 27
W28	2 39 31	8°33'08	0♊53	19° 3	21°51	3° 7	9°39	2°38	17° 2	6° 7	11°41	10°12	11°31	9°47	5° 3	W28
T 29	2 43 28	9°33'47	14°46	20° 6	22°52	3°49	9°38	2°44	17° 3	6° 6	11°43	10° 7	11°28	9°53	5° 0	T 29
F 30	2 47 25	10°34'29	28°45	21°13	23°53	4°31	9°37	2°50	17° 3	6° 4	11°45	10° 4	11°25	10° 0	4°58	F 30
S 31	2 51 21	11♏35'11	12♋48	22♎24	24♍55	5♏14	9♋36	2♎57	17♒ 3	6♊ 3	11♎48	10°D 3	11♑22	10♒ 7	4♈56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s33	24n16	3n 7	14s44	3s 4	10n 7	2s14	5s16	0n27	23n18	0n 0	2n14	2n14	16s29	0s45	20n 3	1s32	10n57	16n32	22s58	22s58	16s41	5n 1	2n46
F 2	4 56	25 10	2 6	14 35	2 58	10 2	2 4	5 33	0 27	23 18	0 0	2 11	2 14	16 30	0 45	20 3	1 32	10 56	16 32	22 59	22 58	16 39	5 0	2 46
S 3	5 20	24 32	0 57	14 22	2 51	9 55	1 55	5 49	0 26	23 18	0 1	2 8	2 14	16 30	0 45	20 3	1 32	10 55	16 32	22 59	22 59	16 36	4 59	2 46
S 4	5 43	22 22	0s16	14 4	2 42	9 48	1 46	6 6	0 26	23 18	0 1	2 5	2 14	16 30	0 45	20 3	1 32	10 55	16 32	22 59	22 59	16 34	4 57	2 46
M 5	6 7	18 49	1 30	13 41	2 32	9 41	1 37	6 22	0 25	23 18	0 1	2 3	2 14	16 31	0 45	20 3	1 32	10 54	16 32	22 59	22 59	16 31	4 56	2 45
T 6	6 30	14 8	2 38	13 13	2 19	9 32	1 28	6 39	0 25	23 18	0 1	2 0	2 14	16 31	0 45	20 2	1 32	10 53	16 32	22 59	23 0	16 29	4 55	2 45
W 7	6 53	8 37	3 37	12 41	2 5	9 23	1 20	6 55	0 24	23 18	0 1	1 57	2 14	16 31	0 45	20 2	1 32	10 52	16 32	22 59	23 0	16 26	4 54	2 45
T 8	7 16	2 39	4 22	12 3	1 49	9 14	1 11	7 11	0 24	23 18	0 1	1 54	2 14	16 31	0 45	20 2	1 32	10 51	16 32	23 0	23 0	16 24	4 53	2 45
F 9	7 39	3s27	4 51	11 22	1 32	9 4	1 3	7 27	0 23	23 18	0 1	1 52	2 15	16 31	0 45	20 2	1 32	10 50	16 32	23 1	23 0	16 22	4 51	2 45
S 10	8 2	9 18	5 0	10 37	1 13	8 53	0 55	7 44	0 23	23 17	0 1	1 49	2 15	16 32	0 45	20 2	1 32	10 49	16 32	23 2	23 1	16 19	4 50	2 45
S 11	8 25	14 35	4 52	9 49	0 53	8 42	0 47	8 0	0 22	23 17	0 2	1 46	2 15	16 32	0 45	20 1	1 32	10 48	16 33	23 3	23 1	16 17	4 49	2 45
M12	8 47	19 0	4 26	9 1	0 32	8 30	0 39	8 16	0 21	23 17	0 2	1 43	2 15	16 32	0 45	20 1	1 32	10 48	16 33	23 4	23 1	16 14	4 48	2 45
T 13	9 10	22 18	3 47	8 13	0 12	8 18	0 32	8 32	0 21	23 17	0 2	1 41	2 15	16 32	0 45	20 1	1 32	10 47	16 33	23 5	23 2	16 12	4 47	2 45
W14	9 32	24 20	2 56	7 26	0n 9	8 5	0 24	8 48	0 20	23 17	0 2	1 38	2 15	16 32	0 45	20 1	1 32	10 46	16 33	23 6	23 2	16 9	4 46	2 44
T 15	9 54	25 4	1 58	6 42	0 29	7 51	0 17	9 4	0 20	23 17	0 2	1 35	2 15	16 32	0 45	20 0	1 33	10 45	16 33	23 6	23 2	16 7	4 44	2 44
F 16	10 16	24 32	0 56	6 3	0 47	7 37	0 10	9 20	0 19	23 17	0 2	1 33	2 15	16 32	0 45	20 0	1 33	10 44	16 33	23 6	23 3	16 4	4 43	2 44
S 17	10 38	22 50	0n 8	5 28	1 4	7 23	0 3	9 36	0 19	23 17	0 2	1 30	2 15	16 32	0 45	20 0	1 33	10 44	16 33	23 6	23 3	16 2	4 42	2 44
S 18	11 0	20 9	1 11	4 59	1 20	7 8	0n 4	9 52	0 18	23 17	0 3	1 27	2 16	16 33	0 45	20 0	1 33	10 43	16 33	23 6	23 3	15 59	4 41	2 44
M19	11 22	16 39	2 10	4 36	1 34	6 52	0 11	10 8	0 17	23 18	0 3	1 25	2 16	16 33	0 45	19 59	1 33	10 42	16 34	23 6	23 3	15 57	4 40	2 44
T 20	11 43	12 29	3 4	4 20	1 46	6 36	0 17	10 23	0 17	23 18	0 3	1 22	2 16	16 33	0 45	19 59	1 33	10 41	16 34	23 7	23 4	15 54	4 39	2 44
W21	12 4	7 49	3 50	4 9	1 56	6 20	0 23	10 39	0 16	23 18	0 3	1 20	2 16	16 33	0 45	19 59	1 33	10 41	16 34	23 7	23 4	15 52	4 38	2 44
T 22	12 25	2 49	4 26	4 5	2 4	6 3	0 29	10 55	0 16	23 18	0 3	1 17	2 16	16 33	0 45	19 59	1 33	10 40	16 34	23 7	23 4	15 49	4 36	2 43
F 23	12 46	2n24	4 51	4 6	2 11	5 46	0 35	11 10	0 15	23 18	0 3	1 15	2 16	16 33	0 45	19 58	1 33	10 39	16 34	23 8	23 5	15 47	4 35	2 43
S 24	13 7	7 37	5 2	4 12	2 16	5 28	0 41	11 26	0 14	23 18	0 3	1 12	2 16	16 33	0 44	19 58	1 33	10 39	16 34	23 9	23 5	15 44	4 34	2 43
S 25	13 27	12 38	4 58	4 23	2 19	5 10	0 47	11 41	0 14	23 18	0 3	1 10	2 16	16 33	0 44	19 58	1 33	10 38	16 35	23 10	23 5	15 42	4 33	2 43
M26	13 47	17 11	4 39	4 39	2 21	4 51	0 52	11 56	0 13	23 18	0 4	1 7	2 17	16 32	0 44	19 58	1 33	10 37	16 35	23 11	23 5	15 39	4 32	2 43
T 27	14 7	20 58	4 3	4 58	2 22	4 32	0 58	12 11	0 13	23 19	0 4	1 5	2 17	16 32	0 44	19 57	1 33	10 37	16 35	23 12	23 6	15 37	4 31	2 43
W28	14 27	23 37	3 13	5 20	2 22	4 13	1 3	12 27	0 12	23 19	0 4	1 2	2 17	16 32	0 44	19 57	1 33	10 36	16 35	23 12	23 6	15 34	4 30	2 43
T 29	14 46	24 54	2 11	5 45	2 20	3 53	1 8	12 42	0 12	23 19	0 4	1 0	2 17	16 32	0 44	19 57	1 33	10 35	16 36	23 13	23 6	15 32	4 29	2 42
F 30	15 6	24 36	1 0	6 12	2 18	3 33	1 13	12 57	0 11	23 19	0 4	0 58	2 17	16 32	0 44	19 57	1 33	10 35	16 36	23 13	23 6	15 29	4 28	2 42
S 31	15s25	22n44	0s15	6s41	2n15	3n13	1n17	13s11	0n10	23n19	0n 4	0n55	2n17	16s32	0s44	19n56	1s33	10n34	16n36	23s13	23s 7	15s27	4n27	2n42

Julian Day Number = 1993077.5, Delta T = 54m10s
Ecliptic obliquity = 23°36'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'16, Lahiri = 6°22'17 Julian Calendar 1 Oct. 744 == Greg. Calendar 5 Oct. 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

NOVEMBER 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 55 18	12♏35'56	26♋54	23♎39	25♍58	5♏56	9°R34	3♎ 3	17♒ 4	6°R 1	11♎50	10♑ 4	11♑18	10♒13	4°R54	S 1
M 2	2 59 14	13°36'42	11♌ 0	24°56	27° 0	6°39	9♋32	3° 9	17° 4	6♊ 0	11°52	10°R 5	11°15	10°20	4♈52	M 2
T 3	3 3 11	14°37'30	25° 6	26°16	28° 3	7°21	9°30	3°15	17° 5	5°58	11°54	10° 4	11°12	10°27	4°50	T 3
W 4	3 7 7	15°38'19	9♍12	27°38	29° 7	8° 4	9°28	3°21	17° 5	5°57	11°56	10° 2	11° 9	10°33	4°48	W 4
T 5	3 11 4	16°39'10	23°14	29° 2	0♎11	8°47	9°26	3°27	17° 6	5°55	11°58	9°57	11° 6	10°40	4°46	T 5
F 6	3 15 0	17°40'03	7♎11	0♏27	1°15	9°29	9°23	3°33	17° 7	5°53	12° 0	9°50	11° 3	10°47	4°44	F 6
S 7	3 18 57	18°40'57	21° 0	1°54	2°19	10°12	9°20	3°39	17° 7	5°52	12° 2	9°41	10°59	10°53	4°42	S 7
S 8	3 22 54	19°41'52	4♏38	3°21	3°24	10°55	9°17	3°45	17° 8	5°50	12° 4	9°32	10°56	11° 0	4°40	S 8
M 9	3 26 50	20°42'48	18° 1	4°50	4°29	11°38	9°14	3°51	17° 9	5°49	12° 6	9°24	10°53	11° 7	4°39	M 9
T 10	3 30 47	21°43'46	1♐ 7	6°19	5°34	12°21	9°11	3°56	17°10	5°47	12° 8	9°16	10°50	11°13	4°37	T 10
W11	3 34 43	22°44'45	13°55	7°49	6°40	13° 4	9° 7	4° 2	17°11	5°45	12°10	9°11	10°47	11°20	4°35	W11
T 12	3 38 40	23°45'45	26°26	9°19	7°46	13°47	9° 4	4° 8	17°12	5°44	12°12	9° 8	10°44	11°27	4°34	T 12
F 13	3 42 36	24°46'45	8♑41	10°50	8°52	14°30	9° 0	4°13	17°13	5°42	12°14	9°D 7	10°40	11°33	4°32	F 13
S 14	3 46 33	25°47'47	20°43	12°21	9°58	15°13	8°56	4°19	17°14	5°40	12°16	9° 8	10°37	11°40	4°31	S 14
S 15	3 50 29	26°48'49	2♒36	13°53	11° 5	15°56	8°51	4°24	17°15	5°39	12°18	9° 9	10°34	11°47	4°29	S 15
M16	3 54 26	27°49'52	14°25	15°25	12°12	16°39	8°47	4°29	17°16	5°37	12°20	9°11	10°31	11°53	4°28	M16
T 17	3 58 23	28°50'55	26°15	16°56	13°19	17°23	8°42	4°35	17°17	5°35	12°22	9°R12	10°28	12° 0	4°26	T 17
W18	4 2 19	29°51'59	8♓10	18°29	14°26	18° 6	8°37	4°40	17°19	5°34	12°23	9°11	10°24	12° 7	4°25	W18
T 19	4 6 16	0♐53'03	20°17	20° 1	15°34	18°49	8°32	4°45	17°20	5°32	12°25	9° 9	10°21	12°13	4°24	T 19
F 20	4 10 12	1°54'08	2♈39	21°33	16°42	19°33	8°27	4°50	17°21	5°30	12°27	9° 5	10°18	12°20	4°22	F 20
S 21	4 14 9	2°55'14	15°21	23° 6	17°50	20°16	8°22	4°55	17°23	5°28	12°29	9° 0	10°15	12°27	4°21	S 21
S 22	4 18 5	3°56'20	28°25	24°39	18°58	20°59	8°17	5° 0	17°24	5°27	12°30	8°54	10°12	12°33	4°20	S 22
M23	4 22 2	4°57'26	11♉51	26°12	20° 6	21°43	8°11	5° 5	17°26	5°25	12°32	8°48	10° 9	12°40	4°19	M23
T 24	4 25 58	5°58'33	25°38	27°45	21°15	22°27	8° 5	5° 9	17°27	5°23	12°34	8°43	10° 5	12°47	4°18	T 24
W25	4 29 55	6°59'41	9♊44	29°18	22°23	23°10	7°59	5°14	17°29	5°22	12°35	8°39	10° 2	12°53	4°17	W25
T 26	4 33 52	8° 0'49	24° 3	0♐51	23°32	23°54	7°53	5°19	17°31	5°20	12°37	8°37	9°59	13° 0	4°16	T 26
F 27	4 37 48	9° 1'58	8♋31	2°25	24°41	24°37	7°47	5°23	17°32	5°18	12°39	8°D36	9°56	13° 7	4°15	F 27
S 28	4 41 45	10° 3'08	23° 1	3°58	25°51	25°21	7°41	5°28	17°34	5°17	12°40	8°37	9°53	13°13	4°15	S 28
S 29	4 45 41	11° 4'18	7♌29	5°32	27° 0	26° 5	7°34	5°32	17°36	5°15	12°42	8°38	9°50	13°20	4°14	S 29
M30	4 49 38	12♐ 5'29	21♌51	7♐ 6	28♎10	26♏49	7♋28	5♎36	17♒38	5♊13	12♎43	8♑39	9♑46	13♒27	4♈13	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s43	19n28	1s29	7s12	2n12	2n52	1n22	13s26	0n10	23n20	0n 4	0n53	2n17	16s32	0s44	19n56	1s33	10n34	16n36	23s13	23s 7	15s24	4n26	2n42
M 2	16 2	15 3	2 38	7 44	2 8	2 31	1 26	13 41	0 9	23 20	0 5	0 50	2 18	16 32	0 44	19 56	1 33	10 33	16 37	23 13	23 7	15 21	4 25	2 42
T 3	16 20	9 50	3 37	8 18	2 3	2 9	1 30	13 56	0 9	23 20	0 5	0 48	2 18	16 31	0 44	19 55	1 33	10 32	16 37	23 13	23 8	15 19	4 24	2 42
W 4	16 38	4 6	4 23	8 52	1 58	1 48	1 34	14 10	0 8	23 21	0 5	0 46	2 18	16 31	0 44	19 55	1 33	10 32	16 37	23 13	23 8	15 16	4 23	2 41
T 5	16 56	1s47	4 54	9 27	1 53	1 26	1 38	14 24	0 7	23 21	0 5	0 44	2 18	16 31	0 44	19 55	1 33	10 31	16 38	23 14	23 8	15 14	4 22	2 41
F 6	17 13	7 33	5 6	10 2	1 47	1 3	1 42	14 39	0 7	23 21	0 5	0 41	2 18	16 31	0 44	19 55	1 33	10 31	16 38	23 14	23 8	15 11	4 21	2 41
S 7	17 30	12 53	5 0	10 38	1 41	0 41	1 45	14 53	0 6	23 22	0 5	0 39	2 19	16 30	0 44	19 54	1 33	10 30	16 38	23 15	23 9	15 9	4 20	2 41
S 8	17 47	17 30	4 38	11 14	1 35	0 18	1 49	15 7	0 5	23 22	0 6	0 37	2 19	16 30	0 44	19 54	1 33	10 30	16 38	23 15	23 9	15 6	4 20	2 41
M 9	18 3	21 9	4 0	11 50	1 28	0s 5	1 52	15 21	0 5	23 22	0 6	0 35	2 19	16 30	0 44	19 54	1 33	10 29	16 39	23 16	23 9	15 4	4 19	2 41
T 10	18 19	23 38	3 10	12 26	1 22	0 28	1 55	15 35	0 4	23 23	0 6	0 33	2 19	16 30	0 44	19 53	1 33	10 29	16 39	23 17	23 9	15 1	4 18	2 40
W11	18 35	24 49	2 12	13 2	1 15	0 52	1 58	15 48	0 4	23 23	0 6	0 31	2 19	16 29	0 44	19 53	1 33	10 29	16 40	23 17	23 10	14 59	4 17	2 40
T 12	18 50	24 41	1 8	13 37	1 8	1 15	2 1	16 2	0 3	23 24	0 6	0 29	2 19	16 29	0 44	19 53	1 33	10 28	16 40	23 17	23 10	14 56	4 16	2 40
F 13	19 6	23 21	0 2	14 13	1 1	1 39	2 4	16 16	0 2	23 24	0 6	0 27	2 20	16 29	0 44	19 53	1 33	10 28	16 40	23 17	23 10	14 53	4 15	2 40
S 14	19 20	20 58	1n 3	14 47	0 54	2 3	2 6	16 29	0 2	23 24	0 6	0 25	2 20	16 28	0 44	19 52	1 33	10 27	16 41	23 17	23 10	14 51	4 15	2 40
S 15	19 35	17 42	2 4	15 22	0 47	2 27	2 8	16 42	0 1	23 25	0 7	0 23	2 20	16 28	0 44	19 52	1 33	10 27	16 41	23 17	23 11	14 48	4 14	2 39
M16	19 49	13 45	3 0	15 56	0 40	2 51	2 11	16 55	0 1	23 25	0 7	0 21	2 20	16 27	0 44	19 52	1 33	10 27	16 41	23 17	23 11	14 46	4 13	2 39
T 17	20 2	9 16	3 48	16 29	0 33	3 15	2 13	17 8	0s 0	23 26	0 7	0 19	2 20	16 27	0 44	19 51	1 33	10 26	16 42	23 17	23 11	14 43	4 12	2 39
W18	20 16	4 26	4 27	17 2	0 26	3 40	2 15	17 21	0 1	23 26	0 7	0 17	2 21	16 27	0 44	19 51	1 33	10 26	16 42	23 17	23 11	14 41	4 12	2 39
T 19	20 28	0n38	4 55	17 34	0 19	4 4	2 17	17 34	0 1	23 27	0 7	0 15	2 21	16 26	0 44	19 51	1 33	10 26	16 43	23 17	23 12	14 38	4 11	2 39
F 20	20 41	5 47	5 9	18 5	0 12	4 29	2 18	17 46	0 2	23 27	0 7	0 13	2 21	16 26	0 44	19 51	1 33	10 25	16 43	23 17	23 12	14 35	4 10	2 38
S 21	20 53	10 50	5 9	18 36	0 5	4 53	2 20	17 59	0 3	23 28	0 8	0 12	2 21	16 25	0 44	19 50	1 33	10 25	16 43	23 18	23 12	14 33	4 10	2 38
S 22	21 5	15 33	4 54	19 5	0s 2	5 18	2 21	18 11	0 3	23 28	0 8	0 10	2 22	16 25	0 43	19 50	1 33	10 25	16 44	23 18	23 12	14 30	4 9	2 38
M23	21 16	19 38	4 22	19 34	0 9	5 43	2 23	18 23	0 4	23 29	0 8	0 8	2 22	16 24	0 43	19 50	1 33	10 25	16 44	23 18	23 13	14 28	4 8	2 38
T 24	21 27	22 45	3 34	20 3	0 16	6 7	2 24	18 35	0 5	23 29	0 8	0 6	2 22	16 24	0 43	19 49	1 33	10 24	16 45	23 19	23 13	14 25	4 8	2 38
W25	21 38	24 33	2 32	20 30	0 22	6 32	2 25	18 46	0 5	23 30	0 8	0 5	2 22	16 23	0 43	19 49	1 33	10 24	16 45	23 19	23 13	14 23	4 7	2 37
T 26	21 48	24 47	1 19	20 56	0 29	6 57	2 26	18 58	0 6	23 30	0 8	0 3	2 22	16 23	0 43	19 49	1 33	10 24	16 46	23 19	23 13	14 20	4 7	2 37
F 27	21 57	23 20	0 0	21 21	0 35	7 22	2 26	19 10	0 6	23 31	0 8	0 2	2 23	16 22	0 43	19 48	1 33	10 24	16 46	23 19	23 14	14 17	4 6	2 37
S 28	22 6	20 20	1s18	21 46	0 41	7 46	2 27	19 21	0 7	23 31	0 9	0 0	2 23	16 22	0 43	19 48	1 33	10 24	16 46	23 19	23 14	14 15	4 6	2 37
S 29	22 15	16 4	2 32	22 9	0 47	8 11	2 27	19 32	0 8	23 32	0 9	0s 1	2 23	16 21	0 43	19 48	1 33	10 23	16 47	23 19	23 14	14 12	4 5	2 37
M30	22s24	10n55	3s36	22s31	0s53	8s35	2n28	19s43	0s 8	23n32	0n 9	0s 3	2n23	16s20	0s43	19n48	1s33	10n23	16n47	23s19	23s14	14s10	4n 5	2n36

Julian Day Number = 1993108.5, Delta T = 54m09s
Ecliptic obliquity = 23°36'07, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'21, Lahiri = 6°22'21 Julian Calendar 1 Nov. 744 == Greg. Calendar 5 Nov. 744

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ASTRODIENST EPHEMERIS for the year 744
geocentric

DECEMBER 744 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 53 34	13♐ 6'40	6♍ 3	8♐41	29♎19	27♏33	7°R21	5♎40	17♒40	5°R11	12♎45	8♉41	9♉43	13♒33	4°R13	T 1
W 2	4 57 31	14° 7'52	20° 5	10°15	0♏29	28°17	7♋14	5°45	17°42	5♊10	12°46	8°R41	9°40	13°40	4♈12	W 2
T 3	5 1 27	15° 9'04	3♎54	11°50	1°39	29° 1	7° 7	5°49	17°43	5° 8	12°47	8°39	9°37	13°47	4°11	T 3
F 4	5 5 24	16°10'17	17°31	13°25	2°49	29°45	7° 0	5°53	17°45	5° 6	12°49	8°37	9°34	13°53	4°11	F 4
S 5	5 9 21	17°11'31	0♏55	15° 0	4° 0	0♐29	6°53	5°56	17°48	5° 5	12°50	8°34	9°30	14° 0	4°11	S 5
S 6	5 13 17	18°12'45	14° 6	16°35	5°10	1°13	6°46	6° 0	17°50	5° 3	12°51	8°31	9°27	14° 7	4°10	S 6
M 7	5 17 14	19°13'59	27° 4	18°11	6°21	1°57	6°38	6° 4	17°52	5° 1	12°53	8°28	9°24	14°13	4°10	M 7
T 8	5 21 10	20°15'14	9♐48	19°47	7°31	2°41	6°31	6° 7	17°54	5° 0	12°54	8°25	9°21	14°20	4°10	T 8
W 9	5 25 7	21°16'29	22°19	21°23	8°42	3°25	6°23	6°11	17°56	4°58	12°55	8°24	9°18	14°27	4°10	W 9
T 10	5 29 3	22°17'43	4♑38	23° 0	9°53	4°10	6°16	6°14	17°58	4°57	12°56	8°D23	9°15	14°33	4° 9	T 10
F 11	5 33 0	23°18'58	16°45	24°37	11° 4	4°54	6° 8	6°18	18° 1	4°55	12°58	8°23	9°11	14°40	4°D 9	F 11
S 12	5 36 57	24°20'12	28°44	26°15	12°15	5°38	6° 0	6°21	18° 3	4°53	12°59	8°24	9° 8	14°47	4° 9	S 12
S 13	5 40 53	25°21'26	10♒36	27°52	13°26	6°23	5°52	6°24	18° 5	4°52	13° 0	8°25	9° 5	14°53	4° 9	S 13
M14	5 44 50	26°22'40	22°24	29°31	14°37	7° 7	5°44	6°27	18° 8	4°50	13° 1	8°26	9° 2	15° 0	4°10	M14
T 15	5 48 46	27°23'53	4♓13	1♑ 9	15°49	7°52	5°37	6°30	18°10	4°49	13° 2	8°27	8°59	15° 7	4°10	T 15
W16	5 52 43	28°25'06	16° 8	2°48	17° 0	8°36	5°29	6°33	18°13	4°47	13° 3	8°28	8°56	15°14	4°10	W16
T 17	5 56 39	29°26'18	28°12	4°27	18°12	9°21	5°21	6°35	18°15	4°46	13° 4	8°R29	8°52	15°20	4°10	T 17
F 18	6 0 36	0♑27'30	10♈31	6° 7	19°23	10° 5	5°13	6°38	18°18	4°44	13° 5	8°28	8°49	15°27	4°11	F 18
S 19	6 4 32	1°28'41	23° 8	7°47	20°35	10°50	5° 5	6°41	18°20	4°43	13° 5	8°28	8°46	15°34	4°11	S 19
S 20	6 8 29	2°29'52	6♉ 9	9°27	21°47	11°34	4°56	6°43	18°23	4°41	13° 6	8°27	8°43	15°40	4°12	S 20
M21	6 12 26	3°31'01	19°35	11° 8	22°59	12°19	4°48	6°45	18°26	4°40	13° 7	8°26	8°40	15°47	4°12	M21
T 22	6 16 22	4°32'11	3♊26	12°49	24°10	13° 4	4°40	6°48	18°28	4°38	13° 8	8°26	8°36	15°54	4°13	T 22
W23	6 20 19	5°33'19	17°43	14°30	25°22	13°49	4°32	6°50	18°31	4°37	13° 9	8°26	8°33	16° 0	4°13	W23
T 24	6 24 15	6°34'27	2♋20	16°11	26°35	14°34	4°24	6°52	18°34	4°35	13° 9	8°D26	8°30	16° 7	4°14	T 24
F 25	6 28 12	7°35'34	17°11	17°52	27°47	15°18	4°16	6°54	18°37	4°34	13°10	8°26	8°27	16°14	4°15	F 25
S 26	6 32 8	8°36'41	2♌ 8	19°33	28°59	16° 3	4° 8	6°56	18°39	4°33	13°11	8°R26	8°24	16°20	4°16	S 26
S 27	6 36 5	9°37'47	17° 4	21°15	0♐11	16°48	4° 0	6°57	18°42	4°31	13°11	8°25	8°21	16°27	4°16	S 27
M28	6 40 1	10°38'53	1♍51	22°56	1°23	17°33	3°52	6°59	18°45	4°30	13°12	8°25	8°17	16°34	4°17	M28
T 29	6 43 58	11°39'58	16°22	24°36	2°36	18°18	3°44	7° 1	18°48	4°29	13°12	8°25	8°14	16°40	4°18	T 29
W30	6 47 55	12°41'03	0♎34	26°16	3°48	19° 3	3°36	7° 2	18°51	4°28	13°13	8°25	8°11	16°47	4°19	W30
T 31	6 51 51	13♑42'07	14♎25	27♑55	5♐ 1	19♐48	3♋28	7♎ 3	18♒54	4♊26	13♎13	8°D25	8♑ 8	16♒54	4♈20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s32	5n14	4s25	22s52	0s59	9s 0	2n28	19s54	0s 9	23n33	0n 9	0s 4	2n24	16s20	0s43	19n47	1s33	10n23	16n48	23s19	23s15	14s 7	4n 4	2n36
W 2	22 39	0s37	4 58	23 12	1 5	9 24	2 28	20 4	0 10	23 33	0 9	0 6	2 24	16 19	0 43	19 47	1 33	10 23	16 48	23 19	23 15	14 4	4 4	2 36
T 3	22 46	6 21	5 14	23 31	1 10	9 49	2 28	20 15	0 10	23 34	0 9	0 7	2 24	16 19	0 43	19 47	1 33	10 23	16 49	23 19	23 15	14 2	4 3	2 36
F 4	22 53	11 42	5 11	23 49	1 16	10 13	2 28	20 25	0 11	23 34	0 10	0 9	2 24	16 18	0 43	19 46	1 33	10 23	16 49	23 19	23 15	13 59	4 3	2 36
S 5	22 59	16 25	4 51	24 5	1 21	10 37	2 28	20 35	0 12	23 35	0 10	0 10	2 25	16 17	0 43	19 46	1 33	10 23	16 50	23 19	23 15	13 57	4 3	2 35
S 6	23 4	20 15	4 16	24 21	1 26	11 1	2 28	20 45	0 12	23 36	0 10	0 11	2 25	16 17	0 43	19 46	1 33	10 23	16 50	23 20	23 16	13 54	4 2	2 35
M 7	23 10	23 1	3 29	24 34	1 30	11 25	2 27	20 54	0 13	23 36	0 10	0 12	2 25	16 16	0 43	19 46	1 33	10 23	16 51	23 20	23 16	13 51	4 2	2 35
T 8	23 14	24 34	2 31	24 47	1 35	11 48	2 27	21 4	0 14	23 37	0 10	0 14	2 25	16 15	0 43	19 45	1 33	10 23	16 51	23 20	23 16	13 49	4 2	2 35
W 9	23 19	24 50	1 28	24 58	1 39	12 11	2 26	21 13	0 14	23 37	0 10	0 15	2 26	16 14	0 43	19 45	1 33	10 23	16 52	23 20	23 16	13 46	4 2	2 35
T 10	23 23	23 52	0 21	25 8	1 43	12 35	2 25	21 22	0 15	23 38	0 10	0 16	2 26	16 14	0 43	19 45	1 33	10 23	16 52	23 20	23 17	13 44	4 1	2 34
F 11	23 26	21 47	0n46	25 16	1 47	12 58	2 25	21 31	0 16	23 38	0 11	0 17	2 26	16 13	0 43	19 45	1 33	10 23	16 53	23 20	23 17	13 41	4 1	2 34
S 12	23 29	18 45	1 50	25 23	1 50	13 20	2 24	21 39	0 16	23 39	0 11	0 18	2 26	16 12	0 43	19 44	1 33	10 23	16 53	23 20	23 17	13 38	4 1	2 34
S 13	23 31	14 59	2 49	25 28	1 53	13 43	2 23	21 48	0 17	23 39	0 11	0 19	2 27	16 11	0 43	19 44	1 33	10 23	16 54	23 20	23 17	13 36	4 1	2 34
M14	23 33	10 40	3 41	25 32	1 56	14 5	2 21	21 56	0 18	23 40	0 11	0 20	2 27	16 11	0 43	19 44	1 33	10 23	16 54	23 20	23 18	13 33	4 1	2 34
T 15	23 35	5 57	4 23	25 34	1 59	14 27	2 20	22 4	0 18	23 40	0 11	0 21	2 27	16 10	0 43	19 44	1 33	10 23	16 55	23 20	23 18	13 30	4 1	2 33
W16	23 36	1 0	4 54	25 35	2 1	14 48	2 19	22 12	0 19	23 41	0 11	0 22	2 27	16 9	0 43	19 43	1 33	10 23	16 56	23 20	23 18	13 28	4 0	2 33
T 17	23 36	4n 3	5 12	25 34	2 3	15 10	2 18	22 19	0 20	23 41	0 12	0 23	2 28	16 8	0 43	19 43	1 32	10 23	16 56	23 20	23 18	13 25	4 0	2 33
F 18	23 36	9 3	5 17	25 31	2 4	15 31	2 16	22 27	0 20	23 42	0 12	0 23	2 28	16 7	0 43	19 43	1 32	10 24	16 57	23 20	23 18	13 23	4 0	2 33
S 19	23 36	13 48	5 7	25 27	2 5	15 51	2 14	22 34	0 21	23 42	0 12	0 24	2 28	16 7	0 43	19 43	1 32	10 24	16 57	23 20	23 19	13 20	4 0	2 33
S 20	23 35	18 5	4 41	25 21	2 6	16 12	2 13	22 41	0 22	23 43	0 12	0 25	2 29	16 6	0 43	19 42	1 32	10 24	16 58	23 20	23 19	13 17	4 0	2 32
M21	23 33	21 35	3 59	25 13	2 6	16 32	2 11	22 48	0 22	23 43	0 12	0 25	2 29	16 5	0 43	19 42	1 32	10 24	16 58	23 20	23 19	13 15	4 0	2 32
T 22	23 31	23 58	3 3	25 4	2 5	16 51	2 9	22 54	0 23	23 43	0 12	0 26	2 29	16 4	0 43	19 42	1 32	10 24	16 59	23 20	23 19	13 12	4 0	2 32
W23	23 29	24 54	1 53	24 52	2 5	17 11	2 7	23 0	0 24	23 44	0 12	0 27	2 29	16 3	0 43	19 42	1 32	10 25	16 59	23 20	23 19	13 9	4 0	2 32
T 24	23 26	24 9	0 34	24 39	2 3	17 29	2 5	23 6	0 24	23 44	0 13	0 27	2 30	16 2	0 43	19 41	1 32	10 25	17 0	23 20	23 20	13 7	4 0	2 31
F 25	23 23	21 41	0s48	24 24	2 1	17 48	2 3	23 12	0 25	23 45	0 13	0 28	2 30	16 1	0 43	19 41	1 32	10 25	17 1	23 20	23 20	13 4	4 1	2 31
S 26	23 19	17 44	2 8	24 8	1 59	18 6	2 1	23 17	0 26	23 45	0 13	0 28	2 30	16 1	0 43	19 41	1 32	10 25	17 1	23 20	23 20	13 1	4 1	2 31
S 27	23 15	12 40	3 19	23 49	1 56	18 23	1 59	23 23	0 26	23 45	0 13	0 29	2 30	16 0	0 43	19 41	1 32	10 26	17 2	23 20	23 20	12 59	4 1	2 31
M28	23 10	6 55	4 15	23 29	1 52	18 40	1 57	23 28	0 27	23 46	0 13	0 29	2 31	15 59	0 43	19 41	1 32	10 26	17 2	23 20	23 20	12 56	4 1	2 31
T 29	23 5	0 53	4 55	23 7	1 48	18 57	1 54	23 32	0 28	23 46	0 13	0 29	2 31	15 58	0 42	19 40	1 32	10 26	17 3	23 20	23 21	12 53	4 1	2 30
W30	23 0	5s 2	5 15	22 43	1 43	19 13	1 52	23 37	0 28	23 47	0 13	0 30	2 31	15 57	0 42	19 40	1 32	10 27	17 3	23 20	23 21	12 51	4 1	2 30
T 31	22s53	10s34	5s16	22s18	1s37	19s29	1n50	23s41	0s29	23n47	0n14	0s30	2n32	15s56	0s42	19n40	1s32	10n27	17n 4	23s20	23s21	12s48	4n 2	2n30

Julian Day Number = 1993138.5, Delta T = 54m08s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'25, Lahiri = 6°22'25 Julian Calendar 1 Dec. 744 == Greg. Calendar 5 Dec. 744

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ASTRODIENST EPHEMERIS for the year 745
geocentric

JANUARY 745 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 55 48	14♑43'10	27♎55	29♑33	6♐13	20♐34	3°R21	7♎ 4	18♒57	4°R25	13♎14	8♑25	8♑ 5	17♒ 0	4♈22	F 1
S 2	6 59 44	15°44'13	11♏ 6	1♒ 9	7°26	21°19	3♋13	7° 6	19° 0	4♊24	13°14	8°25	8° 2	17° 7	4°23	S 2
S 3	7 3 41	16°45'16	23°58	2°44	8°39	22° 4	3° 5	7° 7	19° 3	4°23	13°14	8°26	7°58	17°14	4°24	S 3
M 4	7 7 37	17°46'18	6♐36	4°16	9°51	22°49	2°58	7° 7	19° 6	4°22	13°15	8°27	7°55	17°20	4°25	M 4
T 5	7 11 34	18°47'19	19° 0	5°46	11° 4	23°34	2°50	7° 8	19° 9	4°20	13°15	8°28	7°52	17°27	4°27	T 5
W 6	7 15 31	19°48'19	1♑14	7°12	12°17	24°20	2°43	7° 9	19°12	4°19	13°15	8°29	7°49	17°34	4°28	W 6
T 7	7 19 27	20°49'18	13°19	8°34	13°30	25° 5	2°35	7°10	19°15	4°18	13°15	8°R29	7°46	17°40	4°30	T 7
F 8	7 23 24	21°50'16	25°17	9°52	14°43	25°51	2°28	7°10	19°18	4°17	13°15	8°28	7°42	17°47	4°31	F 8
S 9	7 27 20	22°51'13	7♒10	11° 5	15°55	26°36	2°21	7°10	19°22	4°16	13°16	8°27	7°39	17°54	4°33	S 9
S 10	7 31 17	23°52'09	19° 0	12°11	17° 8	27°21	2°14	7°11	19°25	4°15	13°16	8°24	7°36	18° 0	4°34	S 10
M11	7 35 13	24°53'03	0♓49	13°11	18°21	28° 7	2° 7	7°11	19°28	4°14	13°16	8°22	7°33	18° 7	4°36	M11
T 12	7 39 10	25°53'56	12°40	14° 3	19°34	28°52	2° 0	7°R11	19°31	4°13	13°R16	8°19	7°30	18°14	4°38	T 12
W13	7 43 6	26°54'48	24°35	14°47	20°47	29°38	1°53	7°11	19°34	4°12	13°16	8°16	7°27	18°20	4°39	W13
T 14	7 47 3	27°55'38	6♈39	15°21	22° 0	0♑23	1°47	7°11	19°38	4°12	13°16	8°14	7°23	18°27	4°41	T 14
F 15	7 50 59	28°56'26	18°54	15°46	23°14	1° 9	1°40	7°10	19°41	4°11	13°16	8°13	7°20	18°34	4°43	F 15
S 16	7 54 56	29°57'13	1♉26	16° 1	24°27	1°55	1°34	7°10	19°44	4°10	13°15	8°D12	7°17	18°40	4°45	S 16
S 17	7 58 53	0♒57'58	14°19	16°R 4	25°40	2°40	1°27	7° 9	19°48	4° 9	13°15	8°13	7°14	18°47	4°47	S 17
M18	8 2 49	1°58'42	27°36	15°57	26°53	3°26	1°21	7° 9	19°51	4° 8	13°15	8°14	7°11	18°54	4°49	M18
T 19	8 6 46	2°59'24	11♊20	15°40	28° 6	4°12	1°16	7° 8	19°54	4° 8	13°15	8°16	7° 8	19° 1	4°51	T 19
W20	8 10 42	4° 0'04	25°31	15°11	29°19	4°57	1°10	7° 7	19°58	4° 7	13°14	8°17	7° 4	19° 7	4°53	W20
T 21	8 14 39	5° 0'43	10♋ 8	14°34	0♑33	5°43	1° 4	7° 6	20° 1	4° 6	13°14	8°R17	7° 1	19°14	4°55	T 21
F 22	8 18 35	6° 1'20	25° 6	13°47	1°46	6°29	0°59	7° 5	20° 4	4° 6	13°14	8°16	6°58	19°21	4°58	F 22
S 23	8 22 32	7° 1'55	10♌18	12°53	2°59	7°15	0°53	7° 4	20° 8	4° 5	13°13	8°14	6°55	19°27	5° 0	S 23
S 24	8 26 29	8° 2'29	25°34	11°52	4°12	8° 1	0°48	7° 3	20°11	4° 4	13°13	8°11	6°52	19°34	5° 2	S 24
M25	8 30 25	9° 3'01	10♍43	10°48	5°26	8°46	0°43	7° 2	20°14	4° 4	13°13	8° 6	6°48	19°41	5° 4	M25
T 26	8 34 22	10° 3'32	25°36	9°40	6°39	9°32	0°38	7° 0	20°18	4° 3	13°12	8° 1	6°45	19°47	5° 7	T 26
W27	8 38 18	11° 4'01	10♎ 6	8°32	7°52	10°18	0°34	6°59	20°21	4° 3	13°12	7°57	6°42	19°54	5° 9	W27
T 28	8 42 15	12° 4'29	24° 9	7°25	9° 6	11° 4	0°29	6°57	20°25	4° 3	13°11	7°55	6°39	20° 1	5°12	T 28
F 29	8 46 11	13° 4'56	7♏44	6°21	10°19	11°50	0°25	6°56	20°28	4° 2	13°10	7°D53	6°36	20° 7	5°14	F 29
S 30	8 50 8	14° 5'21	20°53	5°20	11°33	12°36	0°21	6°54	20°32	4° 2	13°10	7°53	6°33	20°14	5°17	S 30
S 31	8 54 4	15♒ 5'45	3♐39	4♒25	12♑46	13♑22	0♋17	6♎52	20♒35	4♊ 1	13♎ 9	7♑54	6♑29	20♒21	5♈19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s47	15s27	5s 0	21s51	1s30	19s44	1n47	23s45	0s30	23n47	0n14	0s30	2n32	15s55	0s42	19n40	1s32	10n27	17n 5	23s20	23s21	12s45	4n 2	2n30	F 1
S 2	22 40	19 29	4 28	21 23	1 23	19 59	1 45	23 49	0 30	23 48	0 14	0 30	2 32	15 54	0 42	19 40	1 32	10 28	17 5	23 20	23 21	12 43	4 2	2 30	S 2
S 3	22 33	22 29	3 43	20 54	1 15	20 13	1 42	23 53	0 31	23 48	0 14	0 31	2 32	15 53	0 42	19 39	1 32	10 28	17 6	23 20	23 22	12 40	4 3	2 29	S 3
M 4	22 25	24 19	2 48	20 23	1 6	20 26	1 39	23 56	0 32	23 48	0 14	0 31	2 33	15 52	0 42	19 39	1 32	10 29	17 6	23 20	23 22	12 37	4 3	2 29	M 4
T 5	22 16	24 54	1 46	19 52	0 56	20 39	1 37	23 59	0 32	23 48	0 14	0 31	2 33	15 51	0 42	19 39	1 32	10 29	17 7	23 20	23 22	12 35	4 3	2 29	T 5
W 6	22 8	24 16	0 40	19 20	0 45	20 52	1 34	24 2	0 33	23 49	0 14	0 31	2 33	15 50	0 42	19 39	1 32	10 29	17 7	23 20	23 22	12 32	4 4	2 29	W 6
T 7	21 59	22 29	0n27	18 47	0 34	21 4	1 31	24 4	0 34	23 49	0 14	0 31	2 34	15 49	0 42	19 39	1 32	10 30	17 8	23 20	23 22	12 29	4 4	2 29	T 7
F 8	21 49	19 43	1 32	18 14	0 21	21 15	1 28	24 6	0 34	23 49	0 15	0 31	2 34	15 48	0 42	19 39	1 32	10 30	17 9	23 20	23 23	12 27	4 5	2 28	F 8
S 9	21 39	16 9	2 32	17 41	0 8	21 26	1 26	24 8	0 35	23 50	0 15	0 30	2 34	15 47	0 42	19 39	1 32	10 31	17 9	23 20	23 23	12 24	4 5	2 28	S 9
S 10	21 29	11 58	3 26	17 9	0n 7	21 36	1 23	24 10	0 36	23 50	0 15	0 30	2 34	15 46	0 42	19 38	1 32	10 31	17 10	23 20	23 23	12 21	4 5	2 28	S 10
M11	21 18	7 21	4 11	16 38	0 22	21 46	1 20	24 12	0 36	23 50	0 15	0 30	2 35	15 45	0 42	19 38	1 31	10 32	17 10	23 20	23 23	12 19	4 6	2 28	M11
T 12	21 7	2 28	4 45	16 8	0 37	21 55	1 17	24 13	0 37	23 50	0 15	0 30	2 35	15 44	0 42	19 38	1 31	10 32	17 11	23 20	23 23	12 16	4 6	2 28	T 12
W13	20 55	2n31	5 7	15 39	0 54	22 3	1 14	24 14	0 38	23 50	0 15	0 30	2 35	15 43	0 42	19 38	1 31	10 33	17 11	23 21	23 23	12 13	4 7	2 28	W13
T 14	20 43	7 28	5 15	15 13	1 11	22 11	1 11	24 14	0 38	23 51	0 15	0 29	2 36	15 42	0 42	19 38	1 31	10 33	17 12	23 21	23 24	12 11	4 8	2 27	T 14
F 15	20 31	12 13	5 10	14 49	1 28	22 18	1 8	24 15	0 39	23 51	0 15	0 29	2 36	15 41	0 42	19 38	1 31	10 34	17 12	23 21	23 24	12 8	4 8	2 27	F 15
S 16	20 18	16 35	4 50	14 29	1 45	22 24	1 5	24 15	0 40	23 51	0 16	0 28	2 36	15 40	0 42	19 38	1 31	10 35	17 13	23 21	23 24	12 5	4 9	2 27	S 16
S 17	20 5	20 18	4 15	14 11	2 2	22 30	1 2	24 15	0 40	23 51	0 16	0 28	2 36	15 39	0 42	19 38	1 31	10 35	17 14	23 21	23 24	12 3	4 9	2 27	S 17
M18	19 51	23 6	3 26	13 57	2 19	22 35	0 59	24 14	0 41	23 51	0 16	0 28	2 37	15 38	0 42	19 38	1 31	10 36	17 14	23 21	23 24	12 0	4 10	2 27	M18
T 19	19 37	24 39	2 23	13 47	2 35	22 40	0 56	24 14	0 41	23 52	0 16	0 27	2 37	15 37	0 42	19 37	1 31	10 36	17 15	23 21	23 25	11 57	4 11	2 26	T 19
W20	19 23	24 41	1 10	13 41	2 50	22 43	0 53	24 13	0 42	23 52	0 16	0 26	2 37	15 36	0 42	19 37	1 31	10 37	17 15	23 20	23 25	11 55	4 11	2 26	W20
T 21	19 9	23 3	0s10	13 39	3 4	22 47	0 49	24 11	0 43	23 52	0 16	0 26	2 38	15 34	0 42	19 37	1 31	10 38	17 16	23 20	23 25	11 52	4 12	2 26	T 21
F 22	18 54	19 46	1 31	13 40	3 16	22 49	0 46	24 10	0 43	23 52	0 16	0 25	2 38	15 33	0 42	19 37	1 31	10 38	17 16	23 20	23 25	11 49	4 13	2 26	F 22
S 23	18 38	15 6	2 47	13 46	3 27	22 51	0 43	24 8	0 44	23 52	0 16	0 25	2 38	15 32	0 42	19 37	1 31	10 39	17 17	23 21	23 25	11 47	4 13	2 26	S 23
S 24	18 23	9 28	3 51	13 54	3 35	22 52	0 40	24 6	0 45	23 52	0 16	0 24	2 38	15 31	0 42	19 37	1 31	10 39	17 17	23 21	23 25	11 44	4 14	2 26	S 24
M25	18 7	3 19	4 38	14 6	3 41	22 52	0 37	24 4	0 45	23 52	0 16	0 23	2 39	15 30	0 42	19 37	1 31	10 40	17 18	23 21	23 26	11 41	4 15	2 25	M25
T 26	17 51	2s54	5 5	14 20	3 45	22 52	0 34	24 1	0 46	23 53	0 17	0 22	2 39	15 29	0 42	19 37	1 31	10 41	17 18	23 21	23 26	11 39	4 16	2 25	T 26
W27	17 34	8 48	5 12	14 36	3 47	22 51	0 31	23 58	0 47	23 53	0 17	0 21	2 39	15 28	0 42	19 37	1 31	10 41	17 19	23 22	23 26	11 36	4 17	2 25	W27
T 28	17 17	14 4	5 0	14 53	3 46	22 50	0 28	23 55	0 47	23 53	0 17	0 21	2 39	15 27	0 42	19 37	1 31	10 42	17 19	23 22	23 26	11 33	4 17	2 25	T 28
F 29	17 0	18 27	4 31	15 12	3 44	22 48	0 24	23 52	0 48	23 53	0 17	0 20	2 40	15 26	0 42	19 37	1 31	10 43	17 20	23 22	23 26	11 30	4 18	2 25	F 29
S 30	16 43	21 46	3 49	15 32	3 39	22 45	0 21	23 48	0 49	23 53	0 17	0 19	2 40	15 25	0 42	19 37	1 30	10 44	17 21	23 22	23 26	11 28	4 19	2 24	S 30
S 31	16s25	23s54	2s56	15s51	3n32	22s41	0n18	23s44	0s49	23n53	0n17	0s18	2n40	15s24	0s42	19n37	1s30	10n44	17n21	23s22	23s26	11s25	4n20	2n24	S 31

Julian Day Number = 1993169.5, Delta T = 54m07s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'29, Lahiri = 6°22'29 Julian Calendar 1 Jan. 745 == Greg. Calendar 5 Jan. 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

FEBRUARY 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 58 1	16♒ 6'07	16♐ 6	3°R35	14♑ 0	14♑ 8	0°R13	6°R50	20♒38	4°R 1	13°R 9	7♑56	6♑26	20♒27	5♈22	M 1
T 2	9 1 58	17° 6'28	28°19	2♒52	15°13	14°54	0♋10	6♎48	20°42	4♊ 1	13♎ 8	7°57	6°23	20°34	5°25	T 2
W 3	9 5 54	18° 6'47	10♑21	2°16	16°27	15°40	0° 6	6°46	20°45	4° 1	13° 7	7°R58	6°20	20°41	5°27	W 3
T 4	9 9 51	19° 7'05	22°16	1°47	17°40	16°27	0° 3	6°43	20°49	4° 0	13° 6	7°57	6°17	20°47	5°30	T 4
F 5	9 13 47	20° 7'21	4♒ 7	1°25	18°54	17°13	29♊59	6°41	20°52	4° 0	13° 5	7°53	6°14	20°54	5°33	F 5
S 6	9 17 44	21° 7'35	15°56	1°10	20° 7	17°59	29°57	6°39	20°56	4° 0	13° 5	7°48	6°10	21° 1	5°36	S 6
S 7	9 21 40	22° 7'47	27°46	1° 2	21°21	18°45	29°54	6°36	20°59	4° 0	13° 4	7°41	6° 7	21° 8	5°38	S 7
M 8	9 25 37	23° 7'57	9♓37	1°D 1	22°34	19°31	29°52	6°33	21° 3	4° 0	13° 3	7°32	6° 4	21°14	5°41	M 8
T 9	9 29 33	24° 8'05	21°33	1° 7	23°48	20°17	29°50	6°31	21° 6	4°D 0	13° 2	7°23	6° 1	21°21	5°44	T 9
W10	9 33 30	25° 8'12	3♈33	1°18	25° 1	21° 4	29°48	6°28	21°10	4° 0	13° 1	7°13	5°58	21°28	5°47	W10
T 11	9 37 26	26° 8'16	15°42	1°35	26°15	21°50	29°46	6°25	21°13	4° 0	13° 0	7° 6	5°54	21°34	5°50	T 11
F 12	9 41 23	27° 8'18	28° 0	1°58	27°28	22°36	29°44	6°22	21°16	4° 0	12°59	6°59	5°51	21°41	5°53	F 12
S 13	9 45 20	28° 8'17	10♉32	2°25	28°42	23°22	29°43	6°19	21°20	4° 0	12°58	6°56	5°48	21°48	5°56	S 13
S 14	9 49 16	29° 8'15	23°20	2°58	29°56	24° 9	29°41	6°16	21°23	4° 0	12°57	6°54	5°45	21°54	5°59	S 14
M15	9 53 13	0♓ 8'10	6♊29	3°34	1♒ 9	24°55	29°40	6°13	21°27	4° 0	12°56	6°D54	5°42	22° 1	6° 2	M15
T 16	9 57 9	1° 8'03	20° 1	4°15	2°23	25°41	29°39	6° 9	21°30	4° 1	12°55	6°55	5°39	22° 8	6° 5	T 16
W17	10 1 6	2° 7'54	3♋59	4°59	3°36	26°28	29°39	6° 6	21°34	4° 1	12°53	6°R55	5°35	22°14	6° 9	W17
T 18	10 5 2	3° 7'43	18°23	5°48	4°50	27°14	29°38	6° 3	21°37	4° 1	12°52	6°55	5°32	22°21	6°12	T 18
F 19	10 8 59	4° 7'29	3♌12	6°39	6° 4	28° 0	29°38	5°59	21°40	4° 2	12°51	6°52	5°29	22°28	6°15	F 19
S 20	10 12 55	5° 7'13	18°19	7°33	7°17	28°47	29°D38	5°56	21°44	4° 2	12°50	6°47	5°26	22°34	6°18	S 20
S 21	10 16 52	6° 6'55	3♍36	8°31	8°31	29°33	29°38	5°52	21°47	4° 2	12°49	6°40	5°23	22°41	6°21	S 21
M22	10 20 49	7° 6'34	18°52	9°31	9°44	0♒19	29°38	5°48	21°51	4° 3	12°47	6°31	5°20	22°48	6°25	M22
T 23	10 24 45	8° 6'12	3♎56	10°34	10°58	1° 6	29°38	5°45	21°54	4° 3	12°46	6°22	5°16	22°54	6°28	T 23
W24	10 28 42	9° 5'47	18°38	11°39	12°12	1°52	29°39	5°41	21°57	4° 4	12°45	6°13	5°13	23° 1	6°31	W24
T 25	10 32 38	10° 5'21	2♏54	12°47	13°25	2°38	29°40	5°37	22° 1	4° 4	12°43	6° 5	5°10	23° 8	6°35	T 25
F 26	10 36 35	11° 4'53	16°39	13°56	14°39	3°25	29°41	5°33	22° 4	4° 5	12°42	6° 1	5° 7	23°15	6°38	F 26
S 27	10 40 31	12° 4'24	29°54	15° 8	15°52	4°11	29°42	5°29	22° 7	4° 5	12°41	5°58	5° 4	23°21	6°42	S 27
S 28	10 44 28	13♓ 3'52	12♐43	16♒22	17♒ 6	4♒58	29♊44	5♎25	22♒10	4♊ 6	12♎39	5°D57	5♑ 0	23♒28	6♈45	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s 7	24s48	1s56	16s11	3n24	22s37	0n15	23s40	0s50	23n53	0n17	0s17	2n40	15s22	0s42	19n37	1s30	10n45	17n22	23s22	23s27	11s22	4n21	2n24
T 2	15 49	24 28	0 52	16 30	3 14	22 32	0 12	23 36	0 50	23 53	0 17	0 16	2 41	15 21	0 42	19 37	1 30	10 46	17 22	23 22	23 27	11 20	4 22	2 24
W 3	15 30	22 59	0n13	16 48	3 4	22 26	0 9	23 31	0 51	23 53	0 17	0 14	2 41	15 20	0 42	19 37	1 30	10 46	17 22	23 22	23 27	11 17	4 23	2 24
T 4	15 11	20 29	1 17	17 6	2 52	22 20	0 6	23 26	0 52	23 54	0 17	0 13	2 41	15 19	0 42	19 37	1 30	10 47	17 23	23 22	23 27	11 14	4 24	2 24
F 5	14 52	17 8	2 17	17 23	2 40	22 13	0 3	23 21	0 52	23 54	0 17	0 12	2 41	15 18	0 42	19 37	1 30	10 48	17 23	23 22	23 27	11 11	4 25	2 24
S 6	14 33	13 8	3 11	17 38	2 27	22 5	0s 0	23 16	0 53	23 54	0 18	0 11	2 42	15 17	0 42	19 37	1 30	10 49	17 24	23 22	23 27	11 9	4 26	2 23
S 7	14 14	8 38	3 57	17 53	2 14	21 57	0 3	23 10	0 54	23 54	0 18	0 10	2 42	15 16	0 42	19 37	1 30	10 49	17 24	23 23	23 28	11 6	4 27	2 23
M 8	13 54	3 49	4 32	18 6	2 1	21 48	0 6	23 4	0 54	23 54	0 18	0 9	2 42	15 15	0 42	19 37	1 30	10 50	17 25	23 23	23 28	11 3	4 28	2 23
T 9	13 34	1n 9	4 56	18 18	1 48	21 38	0 9	22 58	0 55	23 54	0 18	0 7	2 42	15 14	0 42	19 37	1 30	10 51	17 25	23 24	23 28	11 1	4 29	2 23
W10	13 14	6 6	5 7	18 28	1 35	21 28	0 12	22 51	0 55	23 54	0 18	0 6	2 43	15 12	0 42	19 37	1 30	10 52	17 26	23 24	23 28	10 58	4 30	2 23
T 11	12 53	10 53	5 4	18 37	1 21	21 17	0 15	22 44	0 56	23 54	0 18	0 5	2 43	15 11	0 42	19 37	1 30	10 52	17 26	23 25	23 28	10 55	4 31	2 23
F 12	12 33	15 17	4 47	18 45	1 8	21 6	0 18	22 37	0 57	23 54	0 18	0 3	2 43	15 10	0 42	19 37	1 30	10 53	17 27	23 25	23 28	10 53	4 32	2 22
S 13	12 12	19 8	4 16	18 51	0 56	20 53	0 20	22 30	0 57	23 54	0 18	0 2	2 43	15 9	0 42	19 37	1 30	10 54	17 27	23 25	23 28	10 50	4 33	2 22
S 14	11 51	22 9	3 32	18 56	0 43	20 41	0 23	22 23	0 58	23 54	0 18	0 0	2 43	15 8	0 42	19 38	1 30	10 55	17 27	23 25	23 29	10 47	4 34	2 22
M15	11 30	24 6	2 36	18 59	0 31	20 27	0 26	22 15	0 58	23 54	0 18	0n 1	2 44	15 7	0 42	19 38	1 30	10 56	17 28	23 25	23 29	10 44	4 35	2 22
T 16	11 9	24 43	1 30	19 1	0 19	20 13	0 28	22 7	0 59	23 54	0 18	0 3	2 44	15 6	0 42	19 38	1 29	10 56	17 28	23 25	23 29	10 42	4 36	2 22
W17	10 47	23 48	0 16	19 2	0 8	19 59	0 31	21 59	1 0	23 55	0 18	0 4	2 44	15 5	0 42	19 38	1 29	10 57	17 29	23 25	23 29	10 39	4 37	2 22
T 18	10 26	21 19	1s 1	19 1	0s 4	19 44	0 34	21 50	1 0	23 55	0 19	0 6	2 44	15 4	0 42	19 38	1 29	10 58	17 29	23 25	23 29	10 36	4 39	2 22
F 19	10 4	17 22	2 16	18 58	0 14	19 28	0 36	21 42	1 1	23 55	0 19	0 7	2 44	15 3	0 42	19 38	1 29	10 59	17 29	23 25	23 29	10 33	4 40	2 22
S 20	9 42	12 14	3 23	18 54	0 25	19 12	0 39	21 33	1 1	23 55	0 19	0 9	2 45	15 1	0 42	19 38	1 29	11 0	17 30	23 26	23 29	10 31	4 41	2 21
S 21	9 20	6 17	4 15	18 49	0 35	18 55	0 41	21 23	1 2	23 55	0 19	0 10	2 45	15 0	0 42	19 38	1 29	11 0	17 30	23 26	23 30	10 28	4 42	2 21
M22	8 58	0s 0	4 50	18 42	0 44	18 38	0 44	21 14	1 2	23 55	0 19	0 12	2 45	14 59	0 42	19 38	1 29	11 1	17 30	23 26	23 30	10 25	4 43	2 21
T 23	8 35	6 13	5 4	18 34	0 53	18 20	0 46	21 4	1 3	23 55	0 19	0 14	2 45	14 58	0 42	19 39	1 29	11 2	17 31	23 27	23 30	10 23	4 44	2 21
W24	8 13	11 55	4 57	18 24	1 2	18 2	0 48	20 55	1 3	23 55	0 19	0 15	2 45	14 57	0 42	19 39	1 29	11 3	17 31	23 27	23 30	10 20	4 46	2 21
T 25	7 50	16 48	4 32	18 13	1 10	17 43	0 51	20 45	1 4	23 55	0 19	0 17	2 45	14 56	0 42	19 39	1 29	11 4	17 31	23 28	23 30	10 17	4 47	2 21
F 26	7 28	20 37	3 51	18 0	1 18	17 23	0 53	20 34	1 5	23 55	0 19	0 19	2 46	14 55	0 42	19 39	1 29	11 4	17 32	23 28	23 30	10 14	4 48	2 21
S 27	7 5	23 12	3 0	17 46	1 25	17 4	0 55	20 24	1 5	23 55	0 19	0 20	2 46	14 54	0 42	19 39	1 29	11 5	17 32	23 28	23 30	10 12	4 49	2 21
S 28	6s42	24s28	2s 1	17s30	1s32	16s43	0s57	20s13	1s 6	23n55	0n19	0n22	2n46	14s53	0s42	19n39	1s29	11n 6	17n32	23s28	23s30	10s 9	4n51	2n20

Julian Day Number = 1993200.5, Delta T = 54m07s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'33, Lahiri = 6°22'34 Julian Calendar 1 Feb. 745 == Greg. Calendar 5 Feb. 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

MARCH 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 48 24	14♓ 3'19	25♐ 9	17♒38	18♒20	5♒44	29♊45	5°R21	22♒14	4♊ 7	12°R38	5♑58	4♑57	23♒35	6♈48	M 1
T 2	10 52 21	15° 2'44	7♑19	18°56	19°33	6°30	29°47	5♎17	22°17	4° 7	12♎36	5°R58	4°54	23°41	6°52	T 2
W 3	10 56 18	16° 2'06	19°17	20°15	20°47	7°17	29°49	5°13	22°20	4° 8	12°35	5°57	4°51	23°48	6°55	W 3
T 4	11 0 14	17° 1'28	1♒ 8	21°37	22° 1	8° 3	29°51	5° 8	22°23	4° 9	12°34	5°54	4°48	23°55	6°59	T 4
F 5	11 4 11	18° 0'47	12°56	23° 0	23°14	8°50	29°54	5° 4	22°27	4° 9	12°32	5°48	4°45	24° 1	7° 2	F 5
S 6	11 8 7	19° 0'04	24°44	24°24	24°28	9°36	29°56	5° 0	22°30	4°10	12°31	5°40	4°41	24° 8	7° 6	S 6
S 7	11 12 4	19°59'19	6♓36	25°50	25°42	10°23	29°59	4°55	22°33	4°11	12°29	5°29	4°38	24°15	7° 9	S 7
M 8	11 16 0	20°58'32	18°33	27°18	26°55	11° 9	0♋ 2	4°51	22°36	4°12	12°28	5°16	4°35	24°21	7°13	M 8
T 9	11 19 57	21°57'43	0♈36	28°47	28° 9	11°56	0° 5	4°47	22°39	4°13	12°26	5° 2	4°32	24°28	7°16	T 9
W10	11 23 53	22°56'51	12°47	0♓18	29°23	12°42	0° 8	4°42	22°42	4°14	12°24	4°49	4°29	24°35	7°20	W10
T 11	11 27 50	23°55'58	25° 6	1°50	0♓36	13°28	0°11	4°38	22°45	4°15	12°23	4°36	4°25	24°42	7°24	T 11
F 12	11 31 47	24°55'02	7♉35	3°24	1°50	14°15	0°15	4°33	22°48	4°16	12°21	4°26	4°22	24°48	7°27	F 12
S 13	11 35 43	25°54'05	20°14	5° 0	3° 4	15° 1	0°19	4°29	22°52	4°17	12°20	4°20	4°19	24°55	7°31	S 13
S 14	11 39 40	26°53'05	3♊ 8	6°36	4°17	15°48	0°23	4°24	22°55	4°18	12°18	4°15	4°16	25° 2	7°34	S 14
M15	11 43 36	27°52'02	16°16	8°15	5°31	16°34	0°27	4°20	22°58	4°19	12°16	4°14	4°13	25° 8	7°38	M15
T 16	11 47 33	28°50'57	29°44	9°54	6°44	17°20	0°31	4°15	23° 0	4°20	12°15	4°13	4°10	25°15	7°42	T 16
W17	11 51 29	29°49'50	13♋31	11°36	7°58	18° 7	0°36	4°11	23° 3	4°21	12°13	4°13	4° 6	25°22	7°45	W17
T 18	11 55 26	0♈48'41	27°41	13°19	9°12	18°53	0°40	4° 6	23° 6	4°22	12°12	4°12	4° 3	25°28	7°49	T 18
F 19	11 59 22	1°47'29	12♌12	15° 3	10°25	19°40	0°45	4° 1	23° 9	4°24	12°10	4° 9	4° 0	25°35	7°53	F 19
S 20	12 3 19	2°46'14	27° 1	16°49	11°39	20°26	0°50	3°57	23°12	4°25	12° 8	4° 3	3°57	25°42	7°56	S 20
S 21	12 7 15	3°44'58	12♍ 2	18°36	12°53	21°12	0°55	3°52	23°15	4°26	12° 7	3°54	3°54	25°48	8° 0	S 21
M22	12 11 12	4°43'39	27° 6	20°25	14° 6	21°59	1° 1	3°48	23°18	4°27	12° 5	3°43	3°51	25°55	8° 4	M22
T 23	12 15 9	5°42'18	12♎ 3	22°15	15°20	22°45	1° 6	3°43	23°20	4°29	12° 3	3°32	3°47	26° 2	8° 7	T 23
W24	12 19 5	6°40'55	26°44	24° 7	16°33	23°31	1°12	3°38	23°23	4°30	12° 2	3°21	3°44	26° 9	8°11	W24
T 25	12 23 2	7°39'31	11♏ 1	26° 1	17°47	24°17	1°17	3°34	23°26	4°31	12° 0	3°12	3°41	26°15	8°15	T 25
F 26	12 26 58	8°38'04	24°50	27°56	19° 1	25° 4	1°23	3°29	23°29	4°33	11°58	3° 5	3°38	26°22	8°18	F 26
S 27	12 30 55	9°36'36	8♐11	29°52	20°14	25°50	1°29	3°25	23°31	4°34	11°56	3° 1	3°35	26°29	8°22	S 27
S 28	12 34 51	10°35'06	21° 5	1♈50	21°28	26°36	1°36	3°20	23°34	4°36	11°55	2°59	3°31	26°35	8°26	S 28
M29	12 38 48	11°33'35	3♑35	3°50	22°41	27°23	1°42	3°16	23°36	4°37	11°53	2°D59	3°28	26°42	8°29	M29
T 30	12 42 44	12°32'02	15°47	5°51	23°55	28° 9	1°49	3°11	23°39	4°39	11°51	2°R59	3°25	26°49	8°33	T 30
W31	12 46 41	13♈30'27	27♑46	7♈53	25♓ 9	28♒55	1♋55	3♎ 7	23♒42	4♊40	11♎50	2♑58	3♑22	26♒55	8♈37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s19	24s28	0s57	17s13	1s39	16s22	0s59	20s 2	1s 6	23n55	0n19	0n24	2n46	14s52	0s42	19n40	1s29	11n 7	17n33	23s28	23s30	10s 6	4n52	2n20
T 2	5 56	23 17	0n 7	16 55	1 45	16 1	1 1	19 51	1 7	23 55	0 19	0 26	2 46	14 51	0 42	19 40	1 29	11 8	17 33	23 28	23 31	10 3	4 53	2 20
W 3	5 33	21 3	1 10	16 35	1 51	15 40	1 3	19 40	1 7	23 55	0 19	0 27	2 46	14 50	0 42	19 40	1 29	11 8	17 33	23 28	23 31	10 1	4 54	2 20
T 4	5 9	17 56	2 10	16 13	1 56	15 17	1 5	19 28	1 8	23 56	0 19	0 29	2 46	14 49	0 42	19 40	1 29	11 9	17 34	23 28	23 31	9 58	4 56	2 20
F 5	4 46	14 7	3 3	15 50	2 0	14 55	1 7	19 16	1 8	23 56	0 19	0 31	2 46	14 48	0 42	19 40	1 28	11 10	17 34	23 28	23 31	9 55	4 57	2 20
S 6	4 23	9 47	3 48	15 26	2 5	14 32	1 9	19 4	1 9	23 56	0 20	0 33	2 47	14 47	0 42	19 41	1 28	11 11	17 34	23 29	23 31	9 52	4 58	2 20
S 7	3 59	5 4	4 24	15 0	2 8	14 9	1 10	18 52	1 9	23 56	0 20	0 35	2 47	14 46	0 42	19 41	1 28	11 12	17 34	23 29	23 31	9 50	5 0	2 20
M 8	3 36	0 9	4 48	14 33	2 12	13 45	1 12	18 40	1 10	23 56	0 20	0 37	2 47	14 45	0 42	19 41	1 28	11 12	17 34	23 30	23 31	9 47	5 1	2 20
T 9	3 13	4n49	4 59	14 5	2 15	13 21	1 13	18 27	1 10	23 56	0 20	0 38	2 47	14 44	0 42	19 41	1 28	11 13	17 35	23 30	23 31	9 44	5 2	2 20
W10	2 49	9 38	4 57	13 35	2 17	12 56	1 15	18 14	1 11	23 56	0 20	0 40	2 47	14 42	0 42	19 41	1 28	11 14	17 35	23 31	23 32	9 41	5 4	2 19
T 11	2 26	14 8	4 42	13 3	2 19	12 31	1 16	18 2	1 11	23 56	0 20	0 42	2 47	14 42	0 43	19 42	1 28	11 15	17 35	23 31	23 32	9 39	5 5	2 19
F 12	2 2	18 6	4 12	12 30	2 21	12 6	1 18	17 49	1 12	23 56	0 20	0 44	2 47	14 41	0 43	19 42	1 28	11 15	17 35	23 32	23 32	9 36	5 6	2 19
S 13	1 38	21 18	3 30	11 56	2 22	11 41	1 19	17 35	1 12	23 56	0 20	0 46	2 47	14 40	0 43	19 42	1 28	11 16	17 35	23 32	23 32	9 33	5 8	2 19
S 14	1 15	23 29	2 36	11 21	2 22	11 15	1 20	17 22	1 13	23 56	0 20	0 48	2 47	14 39	0 43	19 42	1 28	11 17	17 36	23 32	23 32	9 30	5 9	2 19
M15	0 51	24 26	1 33	10 44	2 22	10 49	1 21	17 8	1 13	23 56	0 20	0 50	2 47	14 38	0 43	19 43	1 28	11 18	17 36	23 32	23 32	9 28	5 10	2 19
T 16	0 28	24 0	0 24	10 5	2 22	10 22	1 23	16 54	1 13	23 56	0 20	0 51	2 47	14 37	0 43	19 43	1 28	11 19	17 36	23 32	23 32	9 25	5 12	2 19
W17	0 4	22 6	0s49	9 26	2 21	9 56	1 24	16 41	1 14	23 56	0 20	0 53	2 47	14 36	0 43	19 43	1 28	11 19	17 36	23 32	23 32	9 22	5 13	2 19
T 18	0n19	18 48	2 1	8 44	2 19	9 29	1 25	16 26	1 14	23 56	0 20	0 55	2 47	14 35	0 43	19 43	1 28	11 20	17 36	23 32	23 32	9 19	5 15	2 19
F 19	0 43	14 16	3 6	8 2	2 17	9 2	1 26	16 12	1 15	23 56	0 20	0 57	2 47	14 34	0 43	19 44	1 28	11 21	17 36	23 32	23 32	9 17	5 16	2 19
S 20	1 7	8 49	4 0	7 18	2 15	8 34	1 26	15 58	1 15	23 56	0 20	0 59	2 47	14 33	0 43	19 44	1 28	11 21	17 36	23 32	23 33	9 14	5 17	2 19
S 21	1 30	2 48	4 39	6 33	2 12	8 7	1 27	15 43	1 16	23 56	0 20	1 1	2 48	14 32	0 43	19 44	1 28	11 22	17 36	23 33	23 33	9 11	5 19	2 19
M22	1 53	3s24	4 58	5 47	2 8	7 39	1 28	15 29	1 16	23 56	0 20	1 3	2 48	14 31	0 43	19 45	1 28	11 23	17 37	23 33	23 33	9 8	5 20	2 18
T 23	2 17	9 20	4 57	4 59	2 4	7 11	1 29	15 14	1 16	23 56	0 20	1 4	2 48	14 30	0 43	19 45	1 28	11 24	17 37	23 33	23 33	9 6	5 22	2 18
W24	2 40	14 39	4 36	4 11	1 59	6 42	1 29	14 59	1 17	23 56	0 21	1 6	2 48	14 29	0 43	19 45	1 27	11 24	17 37	23 34	23 33	9 3	5 23	2 18
T 25	3 4	19 0	3 58	3 21	1 54	6 14	1 30	14 44	1 17	23 56	0 21	1 8	2 48	14 28	0 43	19 45	1 27	11 25	17 37	23 34	23 33	9 0	5 24	2 18
F 26	3 27	22 8	3 7	2 29	1 49	5 45	1 30	14 28	1 18	23 56	0 21	1 10	2 48	14 28	0 43	19 46	1 27	11 26	17 37	23 34	23 33	8 57	5 26	2 18
S 27	3 50	23 55	2 7	1 37	1 42	5 17	1 30	14 13	1 18	23 56	0 21	1 12	2 48	14 27	0 43	19 46	1 27	11 26	17 37	23 34	23 33	8 55	5 27	2 18
S 28	4 13	24 20	1 3	0 44	1 36	4 48	1 31	13 57	1 18	23 56	0 21	1 13	2 48	14 26	0 43	19 46	1 27	11 27	17 37	23 34	23 33	8 52	5 29	2 18
M29	4 36	23 30	0n 3	0n11	1 29	4 19	1 31	13 42	1 19	23 56	0 21	1 15	2 47	14 25	0 43	19 47	1 27	11 28	17 37	23 34	23 33	8 49	5 30	2 18
T 30	4 59	21 33	1 7	1 6	1 21	3 49	1 31	13 26	1 19	23 56	0 21	1 17	2 47	14 24	0 43	19 47	1 27	11 28	17 37	23 34	23 33	8 46	5 31	2 18
W31	5n22	18s40	2n 7	2n 2	1s13	3s20	1s31	13s10	1s19	23n56	0n21	1n19	2n47	14s23	0s43	19n47	1s27	11n29	17n37	23s34	23s34	8s44	5n33	2n18

Julian Day Number = 1993228.5, Delta T = 54m06s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'37, Lahiri = 6°22'38 Julian Calendar 1 March 745 == Greg. Calendar 5 March 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

APRIL 745 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 50 38	14♈28'50	9♒38	9♈57	26♓22	29♒41	2♋ 2	3°R 2	23♒44	4♊42	11°R48	2°R56	3♑19	27♒ 2	8♈40	T 1
F 2	12 54 34	15°27'12	21°27	12° 2	27°36	0♓27	2° 9	2♎58	23°46	4°43	11♎46	2♑51	3°16	27° 9	8°44	F 2
S 3	12 58 31	16°25'32	3♓17	14° 9	28°49	1°13	2°16	2°53	23°49	4°45	11°45	2°43	3°12	27°15	8°48	S 3
S 4	13 2 27	17°23'50	15°13	16°16	0♈ 3	2° 0	2°23	2°49	23°51	4°47	11°43	2°33	3° 9	27°22	8°51	S 4
M 5	13 6 24	18°22'07	27°16	18°24	1°17	2°46	2°31	2°44	23°54	4°48	11°41	2°21	3° 6	27°29	8°55	M 5
T 6	13 10 20	19°20'22	9♈29	20°32	2°30	3°32	2°38	2°40	23°56	4°50	11°40	2° 8	3° 3	27°36	8°59	T 6
W 7	13 14 17	20°18'35	21°52	22°41	3°44	4°18	2°46	2°36	23°58	4°52	11°38	1°55	3° 0	27°42	9° 2	W 7
T 8	13 18 13	21°16'46	4♉27	24°51	4°57	5° 4	2°53	2°32	24° 0	4°53	11°36	1°44	2°56	27°49	9° 6	T 8
F 9	13 22 10	22°14'56	17°12	27° 0	6°11	5°50	3° 1	2°27	24° 3	4°55	11°35	1°35	2°53	27°56	9° 9	F 9
S 10	13 26 7	23°13'04	0♊ 9	29° 9	7°25	6°36	3° 9	2°23	24° 5	4°57	11°33	1°28	2°50	28° 2	9°13	S 10
S 11	13 30 3	24°11'09	13°17	1♉17	8°38	7°22	3°17	2°19	24° 7	4°59	11°31	1°24	2°47	28° 9	9°17	S 11
M12	13 34 0	25° 9'13	26°38	3°24	9°52	8° 8	3°26	2°15	24° 9	5° 0	11°30	1°D23	2°44	28°16	9°20	M12
T 13	13 37 56	26° 7'15	10♋11	5°30	11° 5	8°54	3°34	2°11	24°11	5° 2	11°28	1°23	2°41	28°22	9°24	T 13
W14	13 41 53	27° 5'15	23°59	7°34	12°19	9°39	3°42	2° 7	24°13	5° 4	11°26	1°R24	2°37	28°29	9°27	W14
T 15	13 45 49	28° 3'13	8♌ 1	9°37	13°33	10°25	3°51	2° 3	24°15	5° 6	11°25	1°23	2°34	28°36	9°31	T 15
F 16	13 49 46	29° 1'09	22°18	11°37	14°46	11°11	4° 0	1°59	24°17	5° 8	11°23	1°21	2°31	28°43	9°34	F 16
S 17	13 53 42	29°59'03	6♍47	13°35	16° 0	11°57	4° 9	1°56	24°19	5°10	11°22	1°17	2°28	28°49	9°38	S 17
S 18	13 57 39	0♉56'56	21°24	15°31	17°13	12°42	4°18	1°52	24°21	5°12	11°20	1°10	2°25	28°56	9°41	S 18
M19	14 1 36	1°54'46	6♎ 4	17°24	18°27	13°28	4°27	1°48	24°22	5°14	11°18	1° 2	2°22	29° 3	9°45	M19
T 20	14 5 32	2°52'35	20°39	19°14	19°40	14°14	4°36	1°45	24°24	5°15	11°17	0°53	2°18	29° 9	9°48	T 20
W21	14 9 29	3°50'22	5♏ 2	21° 1	20°54	14°59	4°45	1°41	24°26	5°17	11°15	0°44	2°15	29°16	9°52	W21
T 22	14 13 25	4°48'08	19° 7	22°45	22° 7	15°45	4°54	1°38	24°27	5°19	11°14	0°37	2°12	29°23	9°55	T 22
F 23	14 17 22	5°45'52	2♐49	24°26	23°21	16°31	5° 4	1°34	24°29	5°21	11°12	0°31	2° 9	29°29	9°59	F 23
S 24	14 21 18	6°43'35	16° 7	26° 4	24°34	17°16	5°13	1°31	24°31	5°23	11°11	0°28	2° 6	29°36	10° 2	S 24
S 25	14 25 15	7°41'17	29° 1	27°38	25°48	18° 1	5°23	1°28	24°32	5°25	11° 9	0°D27	2° 2	29°43	10° 5	S 25
M26	14 29 11	8°38'58	11♑34	29° 8	27° 2	18°47	5°33	1°24	24°34	5°27	11° 8	0°28	1°59	29°50	10° 9	M26
T 27	14 33 8	9°36'37	23°49	0♊36	28°15	19°32	5°43	1°21	24°35	5°29	11° 6	0°29	1°56	29°56	10°12	T 27
W28	14 37 5	10°34'15	5♒51	2° 0	29°29	20°18	5°53	1°18	24°36	5°32	11° 5	0°R30	1°53	0♓ 3	10°15	W28
T 29	14 41 1	11°31'53	17°45	3°20	0♉42	21° 3	6° 3	1°15	24°38	5°34	11° 4	0°30	1°50	0°10	10°18	T 29
F 30	14 44 58	12♉29'29	29♒36	4♊37	1♉56	21♓48	6♋13	1♎12	24♒39	5♊36	11♎ 2	0♑28	1♑47	0♓16	10♈22	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n45	15s 3	3n 1	2n59	1s 4	2s51	1s31	12s54	1s20	23n56	0n21	1n21	2n47	14s23	0s43	19n48	1s27	11n29	17n37	23s34	23s34	8s41	5n34	2n18
F 2	6 7	10 52	3 47	3 56	0 55	2 21	1 31	12 38	1 20	23 56	0 21	1 22	2 47	14 22	0 43	19 48	1 27	11 30	17 37	23 34	23 34	8 38	5 36	2 18
S 3	6 30	6 17	4 23	4 54	0 46	1 52	1 31	12 22	1 20	23 56	0 21	1 24	2 47	14 21	0 43	19 48	1 27	11 31	17 37	23 34	23 34	8 35	5 37	2 18
S 4	6 53	1 27	4 48	5 53	0 36	1 22	1 31	12 5	1 21	23 56	0 21	1 26	2 47	14 20	0 43	19 49	1 27	11 31	17 37	23 35	23 34	8 33	5 38	2 18
M 5	7 15	3n29	5 0	6 51	0 26	0 52	1 31	11 49	1 21	23 56	0 21	1 27	2 47	14 20	0 43	19 49	1 27	11 32	17 36	23 35	23 34	8 30	5 40	2 18
T 6	7 37	8 21	4 58	7 50	0 16	0 23	1 30	11 32	1 21	23 56	0 21	1 29	2 47	14 19	0 43	19 49	1 27	11 32	17 36	23 35	23 34	8 27	5 41	2 18
W 7	7 59	12 57	4 43	8 48	0 5	0n 7	1 30	11 16	1 22	23 56	0 21	1 31	2 47	14 18	0 43	19 50	1 27	11 33	17 36	23 35	23 34	8 24	5 43	2 18
T 8	8 21	17 4	4 14	9 46	0n 5	0 37	1 30	10 59	1 22	23 55	0 21	1 32	2 47	14 17	0 43	19 50	1 27	11 34	17 36	23 35	23 34	8 22	5 44	2 18
F 9	8 43	20 28	3 32	10 43	0 16	1 7	1 29	10 42	1 22	23 55	0 21	1 34	2 47	14 17	0 43	19 50	1 27	11 34	17 36	23 36	23 34	8 19	5 45	2 18
S 10	9 5	22 53	2 38	11 40	0 27	1 36	1 28	10 25	1 22	23 55	0 21	1 35	2 47	14 16	0 43	19 51	1 27	11 35	17 36	23 36	23 34	8 16	5 47	2 17
S 11	9 26	24 7	1 35	12 35	0 37	2 6	1 28	10 8	1 23	23 55	0 21	1 37	2 47	14 15	0 43	19 51	1 27	11 35	17 36	23 36	23 34	8 13	5 48	2 17
M12	9 48	23 59	0 25	13 29	0 48	2 36	1 27	9 51	1 23	23 55	0 21	1 39	2 47	14 15	0 43	19 51	1 27	11 36	17 36	23 36	23 34	8 10	5 50	2 17
T 13	10 9	22 26	0s47	14 21	0 58	3 6	1 26	9 34	1 23	23 55	0 22	1 40	2 46	14 14	0 43	19 52	1 27	11 36	17 35	23 36	23 34	8 8	5 51	2 17
W14	10 30	19 32	1 57	15 12	1 8	3 35	1 26	9 17	1 23	23 55	0 22	1 42	2 46	14 13	0 43	19 52	1 27	11 36	17 35	23 36	23 35	8 5	5 52	2 17
T 15	10 51	15 27	3 2	16 1	1 18	4 5	1 25	9 0	1 24	23 54	0 22	1 43	2 46	14 13	0 43	19 53	1 27	11 37	17 35	23 36	23 35	8 2	5 54	2 17
F 16	11 12	10 26	3 57	16 48	1 27	4 34	1 24	8 43	1 24	23 54	0 22	1 44	2 46	14 12	0 44	19 53	1 26	11 37	17 35	23 36	23 35	7 59	5 55	2 17
S 17	11 33	4 47	4 37	17 33	1 36	5 4	1 23	8 25	1 24	23 54	0 22	1 46	2 46	14 11	0 44	19 53	1 26	11 38	17 35	23 36	23 35	7 57	5 57	2 17
S 18	11 53	1s10	5 0	18 15	1 44	5 33	1 22	8 8	1 24	23 54	0 22	1 47	2 46	14 11	0 44	19 54	1 26	11 38	17 35	23 36	23 35	7 54	5 58	2 17
M19	12 13	7 3	5 3	18 55	1 51	6 2	1 21	7 50	1 24	23 53	0 22	1 49	2 46	14 10	0 44	19 54	1 26	11 39	17 34	23 36	23 35	7 51	5 59	2 17
T 20	12 33	12 32	4 47	19 33	1 58	6 31	1 19	7 33	1 25	23 53	0 22	1 50	2 46	14 10	0 44	19 54	1 26	11 39	17 34	23 36	23 35	7 48	6 1	2 17
W21	12 53	17 14	4 12	20 8	2 4	7 0	1 18	7 15	1 25	23 53	0 22	1 51	2 45	14 9	0 44	19 55	1 26	11 39	17 34	23 36	23 35	7 46	6 2	2 17
T 22	13 13	20 52	3 23	20 41	2 10	7 29	1 17	6 58	1 25	23 53	0 22	1 52	2 45	14 9	0 44	19 55	1 26	11 40	17 34	23 36	23 35	7 43	6 3	2 17
F 23	13 32	23 12	2 23	21 11	2 15	7 58	1 16	6 40	1 25	23 52	0 22	1 54	2 45	14 8	0 44	19 56	1 26	11 40	17 33	23 36	23 35	7 40	6 5	2 17
S 24	13 51	24 8	1 16	21 38	2 18	8 26	1 14	6 22	1 25	23 52	0 22	1 55	2 45	14 8	0 44	19 56	1 26	11 40	17 33	23 36	23 35	7 37	6 6	2 17
S 25	14 10	23 44	0 8	22 4	2 22	8 54	1 13	6 4	1 25	23 52	0 22	1 56	2 45	14 7	0 44	19 56	1 26	11 41	17 33	23 36	23 35	7 34	6 7	2 17
M26	14 29	22 6	0n59	22 26	2 24	9 23	1 11	5 47	1 25	23 51	0 22	1 57	2 45	14 7	0 44	19 57	1 26	11 41	17 33	23 36	23 35	7 32	6 9	2 17
T 27	14 47	19 29	2 2	22 47	2 25	9 50	1 10	5 29	1 26	23 51	0 22	1 58	2 44	14 6	0 44	19 57	1 26	11 41	17 32	23 36	23 35	7 29	6 10	2 17
W28	15 6	16 3	2 59	23 5	2 26	10 18	1 8	5 11	1 26	23 50	0 22	1 59	2 44	14 6	0 44	19 57	1 26	11 42	17 32	23 36	23 35	7 26	6 11	2 17
T 29	15 24	12 1	3 47	23 21	2 26	10 46	1 6	4 53	1 26	23 50	0 22	2 0	2 44	14 5	0 44	19 58	1 26	11 42	17 32	23 36	23 35	7 23	6 13	2 17
F 30	15n41	7s33	4n25	23n34	2n25	11n13	1s 5	4s35	1s26	23n50	0n22	2n 1	2n44	14s 5	0s44	19n58	1s26	11n42	17n31	23s36	23s35	7s21	6n14	2n17

Julian Day Number = 1993259.5, Delta T = 54m05s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'41, Lahiri = 6°22'42 Julian Calendar 1 Apr. 745 == Greg. Calendar 5 Apr. 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

MAY 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 48 54	13♉27'04	11♓29	5♊50	3♉ 9	22♓33	6♋23	1°R10	24♒40	5♊38	11°R 1	0°R24	1♑43	0♓23	10♈25	S 1
S 2	14 52 51	14°24'38	23°28	6°59	4°23	23°19	6°34	1♎ 7	24°42	5°40	10♎59	0♑19	1°40	0°30	10°28	S 2
M 3	14 56 47	15°22'12	5♈37	8° 5	5°36	24° 4	6°44	1° 4	24°43	5°42	10°58	0°12	1°37	0°36	10°31	M 3
T 4	15 0 44	16°19'44	17°59	9° 6	6°50	24°49	6°55	1° 2	24°44	5°44	10°57	0° 4	1°34	0°43	10°34	T 4
W 5	15 4 40	17°17'15	0♉34	10° 4	8° 4	25°34	7° 5	0°59	24°45	5°46	10°56	29♐57	1°31	0°50	10°38	W 5
T 6	15 8 37	18°14'45	13°25	10°58	9°17	26°19	7°16	0°57	24°46	5°48	10°54	29°50	1°28	0°57	10°41	T 6
F 7	15 12 34	19°12'14	26°30	11°48	10°31	27° 4	7°27	0°54	24°47	5°51	10°53	29°44	1°24	1° 3	10°44	F 7
S 8	15 16 30	20° 9'42	9♊48	12°34	11°44	27°49	7°37	0°52	24°48	5°53	10°52	29°41	1°21	1°10	10°47	S 8
S 9	15 20 27	21° 7'09	23°19	13°16	12°58	28°34	7°48	0°50	24°49	5°55	10°51	29°D39	1°18	1°17	10°50	S 9
M10	15 24 23	22° 4'35	7♋ 0	13°53	14°11	29°18	7°59	0°48	24°50	5°57	10°49	29°39	1°15	1°23	10°53	M10
T 11	15 28 20	23° 2'00	20°51	14°26	15°25	0♈ 3	8°10	0°46	24°50	5°59	10°48	29°40	1°12	1°30	10°56	T 11
W12	15 32 16	23°59'23	4♌51	14°55	16°39	0°48	8°22	0°44	24°51	6° 1	10°47	29°42	1° 8	1°37	10°59	W12
T 13	15 36 13	24°56'45	18°57	15°19	17°52	1°32	8°33	0°42	24°52	6° 4	10°46	29°R43	1° 5	1°44	11° 1	T 13
F 14	15 40 9	25°54'06	3♍ 9	15°38	19° 6	2°17	8°44	0°41	24°53	6° 6	10°45	29°43	1° 2	1°50	11° 4	F 14
S 15	15 44 6	26°51'25	17°25	15°54	20°19	3° 1	8°56	0°39	24°53	6° 8	10°44	29°41	0°59	1°57	11° 7	S 15
S 16	15 48 3	27°48'44	1♎41	16° 4	21°33	3°46	9° 7	0°38	24°54	6°10	10°43	29°38	0°56	2° 4	11°10	S 16
M17	15 51 59	28°46'01	15°55	16°10	22°46	4°30	9°18	0°36	24°54	6°13	10°42	29°35	0°53	2°10	11°13	M17
T 18	15 55 56	29°43'18	0♏ 3	16°R11	24° 0	5°14	9°30	0°35	24°55	6°15	10°41	29°30	0°49	2°17	11°15	T 18
W19	15 59 52	0♊40'33	13°59	16° 8	25°14	5°59	9°42	0°34	24°55	6°17	10°40	29°26	0°46	2°24	11°18	W19
T 20	16 3 49	1°37'48	27°41	16° 0	26°27	6°43	9°53	0°33	24°55	6°19	10°39	29°22	0°43	2°30	11°21	T 20
F 21	16 7 45	2°35'02	11♐ 5	15°48	27°41	7°27	10° 5	0°32	24°56	6°21	10°38	29°20	0°40	2°37	11°23	F 21
S 22	16 11 42	3°32'16	24°11	15°33	28°54	8°11	10°17	0°31	24°56	6°24	10°37	29°D19	0°37	2°44	11°26	S 22
S 23	16 15 38	4°29'29	6♑58	15°13	0♊ 8	8°55	10°29	0°30	24°56	6°26	10°37	29°19	0°34	2°51	11°28	S 23
M24	16 19 35	5°26'42	19°27	14°50	1°21	9°39	10°41	0°29	24°56	6°28	10°36	29°20	0°30	2°57	11°31	M24
T 25	16 23 32	6°23'54	1♒41	14°24	2°35	10°23	10°53	0°29	24°56	6°30	10°35	29°22	0°27	3° 4	11°33	T 25
W26	16 27 28	7°21'06	13°44	13°55	3°49	11° 7	11° 5	0°28	24°56	6°33	10°34	29°23	0°24	3°11	11°36	W26
T 27	16 31 25	8°18'18	25°39	13°24	5° 2	11°51	11°17	0°28	24°R57	6°35	10°34	29°24	0°21	3°17	11°38	T 27
F 28	16 35 21	9°15'29	7♓32	12°51	6°16	12°34	11°29	0°27	24°56	6°37	10°33	29°R25	0°18	3°24	11°40	F 28
S 29	16 39 18	10°12'41	19°26	12°17	7°30	13°18	11°41	0°27	24°56	6°39	10°32	29°25	0°14	3°31	11°43	S 29
S 30	16 43 14	11° 9'52	1♈27	11°42	8°43	14° 1	11°53	0°27	24°56	6°42	10°32	29°24	0°11	3°38	11°45	S 30
M31	16 47 11	12♊ 7'03	13♈39	11♊ 8	9♊57	14♈45	12♋ 6	0°D27	24♒56	6♊44	10♎31	29♐22	0♑ 8	3♓44	11♈47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n59	2s49	4n52	23n46	2n23	11n40	1s 3	4s17	1s26	23n49	0n22	2n 2	2n44	14s 5	0s44	19n59	1s26	11n42	17n31	23s36	23s35	7s18	6n15	2n17
S 2	16 16	2n 4	5 6	23 55	2 20	12 6	1 1	3 59	1 26	23 49	0 23	2 3	2 44	14 4	0 44	19 59	1 26	11 42	17 31	23 36	23 35	7 15	6 16	2 17
M 3	16 33	6 56	5 7	24 3	2 16	12 33	1 0	3 41	1 26	23 48	0 23	2 4	2 43	14 4	0 44	19 59	1 26	11 43	17 30	23 36	23 35	7 12	6 18	2 17
T 4	16 50	11 36	4 53	24 8	2 12	12 59	0 58	3 23	1 26	23 48	0 23	2 5	2 43	14 4	0 44	20 0	1 26	11 43	17 30	23 36	23 36	7 9	6 19	2 17
W 5	17 7	15 53	4 26	24 11	2 6	13 25	0 56	3 5	1 26	23 47	0 23	2 6	2 43	14 3	0 44	20 0	1 26	11 43	17 30	23 36	23 36	7 7	6 20	2 17
T 6	17 23	19 32	3 44	24 13	2 0	13 50	0 54	2 48	1 26	23 47	0 23	2 6	2 43	14 3	0 44	20 1	1 26	11 43	17 29	23 36	23 36	7 4	6 21	2 17
F 7	17 39	22 15	2 50	24 13	1 52	14 15	0 52	2 30	1 26	23 46	0 23	2 7	2 43	14 3	0 44	20 1	1 26	11 43	17 29	23 36	23 36	7 1	6 23	2 17
S 8	17 54	23 49	1 46	24 11	1 44	14 40	0 50	2 12	1 26	23 46	0 23	2 8	2 42	14 2	0 44	20 1	1 26	11 43	17 28	23 36	23 36	6 58	6 24	2 17
S 9	18 10	24 0	0 34	24 7	1 35	15 4	0 48	1 54	1 26	23 45	0 23	2 9	2 42	14 2	0 44	20 2	1 26	11 43	17 28	23 36	23 36	6 56	6 25	2 17
M10	18 25	22 45	0s40	24 2	1 25	15 29	0 46	1 36	1 26	23 44	0 23	2 9	2 42	14 2	0 44	20 2	1 26	11 44	17 28	23 36	23 36	6 53	6 26	2 17
T 11	18 39	20 7	1 53	23 55	1 15	15 52	0 44	1 18	1 26	23 44	0 23	2 10	2 42	14 2	0 44	20 3	1 26	11 44	17 27	23 36	23 36	6 50	6 27	2 17
W12	18 54	16 16	3 0	23 47	1 3	16 16	0 42	1 0	1 26	23 43	0 23	2 10	2 42	14 1	0 44	20 3	1 26	11 44	17 27	23 36	23 36	6 47	6 29	2 17
T 13	19 8	11 30	3 57	23 38	0 51	16 38	0 39	0 42	1 26	23 42	0 23	2 11	2 41	14 1	0 45	20 3	1 26	11 44	17 26	23 36	23 36	6 44	6 30	2 17
F 14	19 22	6 5	4 39	23 27	0 38	17 1	0 37	0 24	1 26	23 42	0 23	2 11	2 41	14 1	0 45	20 4	1 26	11 44	17 26	23 36	23 36	6 42	6 31	2 17
S 15	19 35	0 20	5 5	23 15	0 24	17 23	0 35	0 6	1 26	23 41	0 23	2 12	2 41	14 1	0 45	20 4	1 26	11 44	17 26	23 36	23 36	6 39	6 32	2 17
S 16	19 48	5s26	5 12	23 2	0 10	17 45	0 33	0n11	1 26	23 40	0 23	2 12	2 41	14 1	0 45	20 5	1 26	11 44	17 25	23 36	23 36	6 36	6 33	2 17
M17	20 1	10 54	4 59	22 47	0s 5	18 6	0 31	0 29	1 26	23 40	0 23	2 12	2 40	14 1	0 45	20 5	1 26	11 44	17 25	23 36	23 36	6 33	6 34	2 17
T 18	20 14	15 45	4 29	22 32	0 21	18 26	0 28	0 47	1 26	23 39	0 23	2 13	2 40	14 0	0 45	20 5	1 26	11 44	17 24	23 36	23 36	6 31	6 35	2 18
W19	20 26	19 41	3 43	22 15	0 37	18 47	0 26	1 5	1 26	23 38	0 23	2 13	2 40	14 0	0 45	20 6	1 26	11 44	17 24	23 36	23 36	6 28	6 36	2 18
T 20	20 38	22 27	2 45	21 58	0 54	19 6	0 24	1 22	1 26	23 37	0 23	2 13	2 40	14 0	0 45	20 6	1 26	11 43	17 23	23 36	23 36	6 25	6 37	2 18
F 21	20 49	23 53	1 38	21 40	1 10	19 26	0 21	1 40	1 26	23 36	0 24	2 13	2 39	14 0	0 45	20 7	1 26	11 43	17 23	23 36	23 36	6 22	6 38	2 18
S 22	21 0	23 56	0 28	21 22	1 27	19 44	0 19	1 57	1 26	23 36	0 24	2 14	2 39	14 0	0 45	20 7	1 26	11 43	17 22	23 36	23 36	6 19	6 40	2 18
S 23	21 11	22 43	0n42	21 3	1 44	20 2	0 17	2 15	1 25	23 35	0 24	2 14	2 39	14 0	0 45	20 7	1 26	11 43	17 22	23 36	23 36	6 17	6 41	2 18
M24	21 21	20 23	1 48	20 44	2 1	20 20	0 14	2 33	1 25	23 34	0 24	2 14	2 39	14 0	0 45	20 8	1 26	11 43	17 21	23 36	23 36	6 14	6 42	2 18
T 25	21 31	17 11	2 49	20 24	2 18	20 37	0 12	2 50	1 25	23 33	0 24	2 14	2 38	14 0	0 45	20 8	1 26	11 43	17 21	23 36	23 36	6 11	6 43	2 18
W26	21 41	13 18	3 41	20 5	2 34	20 54	0 10	3 7	1 25	23 32	0 24	2 14	2 38	14 0	0 45	20 9	1 26	11 43	17 20	23 36	23 36	6 8	6 44	2 18
T 27	21 50	8 56	4 22	19 46	2 49	21 10	0 7	3 25	1 25	23 31	0 24	2 14	2 38	14 0	0 45	20 9	1 26	11 42	17 20	23 36	23 36	6 6	6 45	2 18
F 28	21 59	4 16	4 53	19 27	3 4	21 25	0 5	3 42	1 25	23 30	0 24	2 14	2 38	14 0	0 45	20 9	1 26	11 42	17 19	23 36	23 36	6 3	6 45	2 18
S 29	22 8	0n33	5 11	19 9	3 18	21 40	0 3	3 59	1 25	23 29	0 24	2 13	2 38	14 0	0 45	20 10	1 26	11 42	17 19	23 36	23 36	6 0	6 46	2 18
S 30	22 16	5 24	5 15	18 51	3 31	21 54	0 0	4 16	1 24	23 28	0 24	2 13	2 37	14 0	0 45	20 10	1 26	11 42	17 18	23 36	23 36	5 57	6 47	2 18
M31	22n24	10n 6	5n 6	18n35	3s43	22n 8	0n 2	4n33	1s24	23n27	0n24	2n13	2n37	14s 0	0s45	20n10	1s26	11n41	17n18	23s36	23s36	5s54	6n48	2n18

Julian Day Number = 1993289.5, Delta T = 54m05s
Ecliptic obliquity = 23°36'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'45, Lahiri = 6°22'46 Julian Calendar 1 May 745 == Greg. Calendar 5 May 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

JUNE 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 51 7	13♊ 4'14	26♈ 6	10°R34	11♊11	15♈28	12♋18	0♎27	24°R56	6♊46	10°R31	29°R20	0♉ 5	3♓51	11♈49	T 1
W 2	16 55 4	14° 1'25	8♉49	10♊ 1	12°24	16°12	12°30	0°27	24♒56	6°48	10♎30	29♐17	0° 2	3°58	11°51	W 2
T 3	16 59 1	14°58'35	21°51	9°30	13°38	16°55	12°43	0°28	24°55	6°51	10°30	29°15	29♐59	4° 4	11°53	T 3
F 4	17 2 57	15°55'46	5♊13	9° 1	14°52	17°38	12°55	0°28	24°55	6°53	10°29	29°14	29°55	4°11	11°55	F 4
S 5	17 6 54	16°52'57	18°53	8°35	16° 5	18°21	13° 8	0°28	24°54	6°55	10°29	29°13	29°52	4°18	11°57	S 5
S 6	17 10 50	17°50'08	2♋48	8°12	17°19	19° 4	13°20	0°29	24°54	6°57	10°28	29°D13	29°49	4°25	11°59	S 6
M 7	17 14 47	18°47'18	16°56	7°53	18°33	19°47	13°33	0°30	24°54	6°59	10°28	29°13	29°46	4°31	12° 1	M 7
T 8	17 18 43	19°44'28	1♌13	7°38	19°47	20°30	13°46	0°30	24°53	7° 2	10°28	29°14	29°43	4°38	12° 3	T 8
W 9	17 22 40	20°41'38	15°33	7°27	21° 0	21°13	13°58	0°31	24°52	7° 4	10°27	29°15	29°40	4°45	12° 5	W 9
T 10	17 26 36	21°38'47	29°55	7°20	22°14	21°56	14°11	0°32	24°52	7° 6	10°27	29°16	29°36	4°51	12° 7	T 10
F 11	17 30 33	22°35'56	14♍13	7°D19	23°28	22°38	14°24	0°33	24°51	7° 8	10°27	29°16	29°33	4°58	12° 8	F 11
S 12	17 34 30	23°33'05	28°25	7°22	24°41	23°21	14°37	0°34	24°50	7°10	10°27	29°R16	29°30	5° 5	12°10	S 12
S 13	17 38 26	24°30'14	12♎29	7°30	25°55	24° 3	14°49	0°36	24°49	7°12	10°27	29°16	29°27	5°11	12°12	S 13
M14	17 42 23	25°27'22	26°23	7°43	27° 9	24°46	15° 2	0°37	24°49	7°15	10°26	29°15	29°24	5°18	12°13	M14
T 15	17 46 19	26°24'31	10♏ 6	8° 1	28°23	25°28	15°15	0°39	24°48	7°17	10°26	29°15	29°20	5°25	12°15	T 15
W16	17 50 16	27°21'39	23°35	8°25	29°37	26°10	15°28	0°40	24°47	7°19	10°26	29°15	29°17	5°32	12°16	W16
T 17	17 54 12	28°18'47	6♐51	8°53	0♋50	26°52	15°41	0°42	24°46	7°21	10°D26	29°15	29°14	5°38	12°18	T 17
F 18	17 58 9	29°15'56	19°53	9°27	2° 4	27°34	15°54	0°43	24°45	7°23	10°26	29°D15	29°11	5°45	12°19	F 18
S 19	18 2 6	0♋13'05	2♑41	10° 6	3°18	28°16	16° 7	0°45	24°44	7°25	10°26	29°R15	29° 8	5°52	12°20	S 19
S 20	18 6 2	1°10'14	15°14	10°50	4°32	28°58	16°20	0°47	24°43	7°27	10°26	29°15	29° 5	5°58	12°21	S 20
M21	18 9 59	2° 7'24	27°35	11°38	5°45	29°40	16°33	0°49	24°42	7°29	10°27	29°14	29° 1	6° 5	12°23	M21
T 22	18 13 55	3° 4'34	9♒45	12°32	6°59	0♉21	16°46	0°51	24°40	7°32	10°27	29°14	28°58	6°12	12°24	T 22
W23	18 17 52	4° 1'44	21°45	13°31	8°13	1° 3	16°59	0°54	24°39	7°34	10°27	29°13	28°55	6°19	12°25	W23
T 24	18 21 48	4°58'55	3♓40	14°34	9°27	1°45	17°12	0°56	24°38	7°36	10°27	29°13	28°52	6°25	12°26	T 24
F 25	18 25 45	5°56'07	15°32	15°43	10°41	2°26	17°25	0°58	24°37	7°38	10°27	29°12	28°49	6°32	12°27	F 25
S 26	18 29 41	6°53'19	27°26	16°55	11°55	3° 7	17°38	1° 1	24°35	7°40	10°28	29°12	28°45	6°39	12°28	S 26
S 27	18 33 38	7°50'33	9♈27	18°13	13° 9	3°48	17°51	1° 3	24°34	7°42	10°28	29°D12	28°42	6°45	12°29	S 27
M28	18 37 35	8°47'47	21°38	19°35	14°22	4°30	18° 4	1° 6	24°32	7°44	10°28	29°12	28°39	6°52	12°30	M28
T 29	18 41 31	9°45'02	4♉ 4	21° 1	15°36	5°11	18°18	1° 9	24°31	7°46	10°29	29°12	28°36	6°59	12°31	T 29
W30	18 45 28	10♋42'18	16♉49	22♊32	16♋50	5♉51	18♋31	1♎12	24♒30	7♊48	10♎29	29♐13	28♐33	7♓ 6	12♈31	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n31	14n30	4n42	18n20	3s54	22n21	0n 5	4n51	1s24	23n26	0n24	2n13	2n37	14s 1	0s45	20n11	1s26	11n41	17n17	23s36	23s36	5s52	6n49	2n18
W 2	22 38	18 22	4 4	18 6	4 3	22 33	0 7	5 7	1 24	23 25	0 24	2 12	2 37	14 1	0 45	20 11	1 26	11 41	17 17	23 36	23 36	5 49	6 50	2 18
T 3	22 45	21 27	3 12	17 53	4 11	22 45	0 9	5 24	1 23	23 24	0 24	2 12	2 36	14 1	0 45	20 12	1 26	11 41	17 16	23 36	23 36	5 46	6 51	2 18
F 4	22 51	23 26	2 9	17 43	4 17	22 56	0 12	5 41	1 23	23 22	0 24	2 12	2 36	14 1	0 45	20 12	1 26	11 40	17 16	23 36	23 36	5 43	6 52	2 18
S 5	22 57	24 5	0 57	17 34	4 23	23 6	0 14	5 58	1 23	23 21	0 24	2 11	2 36	14 1	0 45	20 12	1 26	11 40	17 15	23 36	23 36	5 41	6 53	2 18
S 6	23 2	23 14	0s20	17 27	4 26	23 16	0 16	6 15	1 23	23 20	0 25	2 11	2 36	14 1	0 45	20 13	1 26	11 40	17 14	23 36	23 36	5 38	6 53	2 18
M 7	23 7	20 55	1 37	17 21	4 28	23 25	0 19	6 31	1 22	23 19	0 25	2 10	2 35	14 2	0 46	20 13	1 26	11 39	17 14	23 36	23 36	5 35	6 54	2 18
T 8	23 12	17 18	2 48	17 18	4 29	23 33	0 21	6 48	1 22	23 18	0 25	2 10	2 35	14 2	0 46	20 13	1 26	11 39	17 13	23 36	23 36	5 32	6 55	2 18
W 9	23 16	12 38	3 49	17 17	4 28	23 41	0 23	7 4	1 22	23 16	0 25	2 9	2 35	14 2	0 46	20 14	1 26	11 38	17 13	23 36	23 36	5 29	6 56	2 18
T 10	23 20	7 16	4 36	17 18	4 27	23 48	0 25	7 20	1 22	23 15	0 25	2 9	2 34	14 2	0 46	20 14	1 26	11 38	17 12	23 36	23 36	5 27	6 56	2 19
F 11	23 24	1 33	5 6	17 21	4 23	23 54	0 28	7 36	1 21	23 14	0 25	2 8	2 34	14 3	0 46	20 15	1 26	11 38	17 12	23 36	23 36	5 24	6 57	2 19
S 12	23 27	4s12	5 17	17 26	4 19	24 0	0 30	7 53	1 21	23 12	0 25	2 7	2 34	14 3	0 46	20 15	1 26	11 37	17 11	23 36	23 36	5 21	6 58	2 19
S 13	23 29	9 42	5 8	17 33	4 13	24 4	0 32	8 9	1 21	23 11	0 25	2 7	2 34	14 3	0 46	20 15	1 26	11 37	17 10	23 36	23 36	5 18	6 59	2 19
M14	23 31	14 37	4 42	17 41	4 7	24 9	0 34	8 24	1 20	23 10	0 25	2 6	2 33	14 3	0 46	20 16	1 26	11 36	17 10	23 36	23 36	5 15	6 59	2 19
T 15	23 33	18 44	4 0	17 52	3 59	24 12	0 37	8 40	1 20	23 8	0 25	2 5	2 33	14 4	0 46	20 16	1 26	11 36	17 9	23 36	23 36	5 13	7 0	2 19
W16	23 34	21 47	3 5	18 4	3 51	24 15	0 39	8 56	1 20	23 7	0 25	2 4	2 33	14 4	0 46	20 16	1 26	11 35	17 9	23 36	23 36	5 10	7 1	2 19
T 17	23 35	23 35	2 1	18 17	3 41	24 17	0 41	9 12	1 19	23 5	0 25	2 3	2 33	14 5	0 46	20 17	1 26	11 35	17 8	23 36	23 36	5 7	7 1	2 19
F 18	23 36	24 4	0 52	18 32	3 31	24 18	0 43	9 27	1 19	23 4	0 25	2 2	2 32	14 5	0 46	20 17	1 26	11 34	17 8	23 36	23 36	5 4	7 2	2 19
S 19	23 36	23 15	0n19	18 48	3 20	24 18	0 45	9 43	1 18	23 3	0 25	2 1	2 32	14 5	0 46	20 17	1 26	11 34	17 7	23 36	23 36	5 2	7 2	2 19
S 20	23 36	21 16	1 28	19 6	3 9	24 18	0 47	9 58	1 18	23 1	0 26	2 0	2 32	14 6	0 46	20 18	1 26	11 33	17 6	23 36	23 36	4 59	7 3	2 19
M21	23 35	18 19	2 31	19 24	2 57	24 17	0 49	10 13	1 18	23 0	0 26	1 59	2 32	14 6	0 46	20 18	1 26	11 32	17 6	23 36	23 36	4 56	7 3	2 19
T 22	23 34	14 37	3 26	19 44	2 45	24 16	0 51	10 28	1 17	22 58	0 26	1 58	2 32	14 7	0 46	20 18	1 26	11 32	17 5	23 36	23 36	4 53	7 4	2 19
W23	23 32	10 23	4 12	20 3	2 32	24 13	0 53	10 43	1 17	22 56	0 26	1 57	2 31	14 7	0 46	20 19	1 26	11 31	17 5	23 36	23 36	4 50	7 4	2 19
T 24	23 30	5 47	4 46	20 24	2 19	24 10	0 55	10 58	1 16	22 55	0 26	1 56	2 31	14 7	0 46	20 19	1 26	11 31	17 4	23 36	23 36	4 48	7 5	2 19
F 25	23 28	1 1	5 8	20 44	2 6	24 6	0 56	11 13	1 16	22 53	0 26	1 55	2 31	14 8	0 46	20 19	1 26	11 30	17 3	23 36	23 36	4 45	7 5	2 19
S 26	23 25	3n49	5 17	21 5	1 52	24 2	0 58	11 27	1 15	22 52	0 26	1 54	2 31	14 8	0 46	20 20	1 26	11 29	17 3	23 36	23 36	4 42	7 6	2 20
S 27	23 22	8 32	5 12	21 26	1 39	23 57	1 0	11 42	1 15	22 50	0 26	1 52	2 30	14 9	0 46	20 20	1 26	11 29	17 2	23 36	23 36	4 39	7 6	2 20
M28	23 18	13 0	4 53	21 46	1 25	23 51	1 2	11 56	1 15	22 48	0 26	1 51	2 30	14 9	0 46	20 20	1 26	11 28	17 2	23 36	23 36	4 37	7 7	2 20
T 29	23 14	17 2	4 20	22 6	1 12	23 44	1 3	12 10	1 14	22 46	0 26	1 50	2 30	14 10	0 46	20 20	1 26	11 27	17 1	23 36	23 36	4 34	7 7	2 20
W30	23n10	20n23	3n34	22n25	0s58	23n36	1n 5	12n24	1s14	22n45	0n26	1n48	2n30	14s10	0s46	20n21	1s26	11n27	17n 1	23s36	23s36	4s31	7n 7	2n20

Julian Day Number = 1993320.5, Delta T = 54m04s
Ecliptic obliquity = 23°36'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'50, Lahiri = 6°22'50 Julian Calendar 1 June 745 == Greg. Calendar 5 June 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

JULY 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 49 24	11♋39'35	29♉55	24♊ 7	18♋ 4	6♉32	18♋44	1♎15	24°R28	7♊49	10♎30	29♐14	28♐30	7♓12	12♈32	T 1
F 2	18 53 21	12°36'53	13♊26	25°46	19°18	7°13	18°57	1°18	24♒26	7°51	10°30	29°15	28°26	7°19	12°33	F 2
S 3	18 57 17	13°34'11	27°20	27°28	20°32	7°54	19°10	1°21	24°25	7°53	10°31	29°R16	28°23	7°26	12°33	S 3
S 4	19 1 14	14°31'31	11♋36	29°14	21°46	8°34	19°24	1°24	24°23	7°55	10°31	29°15	28°20	7°32	12°34	S 4
M 5	19 5 10	15°28'51	26° 8	1♌ 3	23° 0	9°14	19°37	1°27	24°21	7°57	10°32	29°14	28°17	7°39	12°34	M 5
T 6	19 9 7	16°26'12	10♌51	2°56	24°14	9°55	19°50	1°31	24°20	7°59	10°32	29°13	28°14	7°46	12°35	T 6
W 7	19 13 4	17°23'34	25°38	4°51	25°28	10°35	20° 3	1°34	24°18	8° 1	10°33	29°10	28°11	7°53	12°35	W 7
T 8	19 17 0	18°20'56	10♍22	6°48	26°42	11°15	20°17	1°38	24°16	8° 3	10°34	29° 8	28° 7	7°59	12°35	T 8
F 9	19 20 57	19°18'19	24°55	8°47	27°56	11°55	20°30	1°41	24°14	8° 4	10°34	29° 6	28° 4	8° 6	12°36	F 9
S 10	19 24 53	20°15'43	9♎14	10°49	29°10	12°35	20°43	1°45	24°13	8° 6	10°35	29° 5	28° 1	8°13	12°36	S 10
S 11	19 28 50	21°13'07	23°16	12°51	0♌24	13°14	20°56	1°49	24°11	8° 8	10°36	29°D 5	27°58	8°19	12°36	S 11
M12	19 32 46	22°10'32	7♏ 0	14°55	1°38	13°54	21°10	1°53	24° 9	8°10	10°37	29° 5	27°55	8°26	12°36	M12
T 13	19 36 43	23° 7'58	20°26	16°59	2°52	14°33	21°23	1°57	24° 7	8°11	10°38	29° 7	27°51	8°33	12°R36	T 13
W14	19 40 39	24° 5'25	3♐35	19° 3	4° 6	15°13	21°36	2° 1	24° 5	8°13	10°39	29° 8	27°48	8°40	12°36	W14
T 15	19 44 36	25° 2'53	16°29	21° 8	5°20	15°52	21°49	2° 5	24° 3	8°15	10°39	29° 9	27°45	8°46	12°36	T 15
F 16	19 48 33	26° 0'21	29°10	23°12	6°34	16°31	22° 2	2° 9	24° 1	8°16	10°40	29°R10	27°42	8°53	12°36	F 16
S 17	19 52 29	26°57'51	11♑39	25°16	7°48	17°10	22°16	2°13	23°59	8°18	10°41	29° 9	27°39	9° 0	12°36	S 17
S 18	19 56 26	27°55'21	23°57	27°20	9° 2	17°49	22°29	2°17	23°57	8°20	10°42	29° 7	27°36	9° 7	12°35	S 18
M19	20 0 22	28°52'53	6♒ 7	29°22	10°16	18°27	22°42	2°22	23°55	8°21	10°43	29° 4	27°32	9°13	12°35	M19
T 20	20 4 19	29°50'26	18°10	1♌24	11°30	19° 6	22°55	2°26	23°53	8°23	10°45	28°59	27°29	9°20	12°35	T 20
W21	20 8 15	0♌48'00	0♓ 7	3°25	12°44	19°44	23° 8	2°31	23°51	8°24	10°46	28°54	27°26	9°27	12°34	W21
T 22	20 12 12	1°45'36	12° 0	5°24	13°58	20°23	23°22	2°35	23°48	8°26	10°47	28°48	27°23	9°33	12°34	T 22
F 23	20 16 8	2°43'13	23°51	7°23	15°12	21° 1	23°35	2°40	23°46	8°27	10°48	28°43	27°20	9°40	12°33	F 23
S 24	20 20 5	3°40'51	5♈45	9°20	16°26	21°39	23°48	2°45	23°44	8°29	10°49	28°38	27°17	9°47	12°33	S 24
S 25	20 24 2	4°38'32	17°44	11°15	17°40	22°17	24° 1	2°50	23°42	8°30	10°50	28°35	27°13	9°54	12°32	S 25
M26	20 27 58	5°36'14	29°52	13°10	18°54	22°55	24°14	2°55	23°40	8°31	10°52	28°34	27°10	10° 0	12°32	M26
T 27	20 31 55	6°33'57	12♉15	15° 2	20° 8	23°32	24°27	3° 0	23°37	8°33	10°53	28°D34	27° 7	10° 7	12°31	T 27
W28	20 35 51	7°31'43	24°56	16°54	21°22	24°10	24°40	3° 5	23°35	8°34	10°54	28°35	27° 4	10°14	12°30	W28
T 29	20 39 48	8°29'30	8♊ 0	18°44	22°36	24°47	24°53	3°10	23°33	8°36	10°56	28°36	27° 1	10°20	12°29	T 29
F 30	20 43 44	9°27'19	21°30	20°33	23°50	25°24	25° 6	3°15	23°30	8°37	10°57	28°37	26°57	10°27	12°28	F 30
S 31	20 47 41	10♌25'09	5♋27	22♌20	25♌ 4	26♉ 1	25♋19	3♎20	23♒28	8♊38	10♎58	28°R37	26♐54	10♓34	12♈27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 5	22n48	2n35	22n44	0s45	23n28	1n 7	12n38	1s13	22n43	0n26	1n47	2n29	14s11	0s46	20n21	1s26	11n26	17n 0	23s36	23s36	4s28	7n 8	2n20	
F 2	23 0	24 0	1 26	23 1	0 31	23 19	1 8	12 52	1 13	22 41	0 26	1 46	2 29	14 12	0 46	20 21	1 26	11 25	16 59	23 36	23 36	4 25	7 8	2 20	
S 3	22 54	23 45	0 11	23 16	0 18	23 10	1 10	13 6	1 12	22 39	0 27	1 44	2 29	14 12	0 46	20 22	1 26	11 24	16 59	23 36	23 35	4 23	7 8	2 20	
S 4	22 48	21 58	1s 8	23 30	0 6	23 0	1 11	13 20	1 11	22 38	0 27	1 43	2 29	14 13	0 46	20 22	1 26	11 24	16 58	23 36	23 35	4 20	7 9	2 20	
M 5	22 42	18 43	2 23	23 42	0n 6	22 49	1 12	13 33	1 11	22 36	0 27	1 41	2 28	14 13	0 46	20 22	1 26	11 23	16 58	23 36	23 35	4 17	7 9	2 20	
T 6	22 35	14 16	3 30	23 52	0 18	22 37	1 14	13 46	1 10	22 34	0 27	1 40	2 28	14 14	0 46	20 22	1 26	11 22	16 57	23 36	23 35	4 14	7 9	2 20	
W 7	22 28	8 56	4 23	24 0	0 29	22 25	1 15	13 59	1 10	22 32	0 27	1 38	2 28	14 14	0 46	20 23	1 26	11 21	16 56	23 36	23 35	4 12	7 9	2 20	
T 8	22 20	3 8	4 58	24 5	0 39	22 12	1 16	14 13	1 9	22 30	0 27	1 36	2 28	14 15	0 47	20 23	1 26	11 21	16 56	23 36	23 35	4 9	7 9	2 20	
F 9	22 12	2s46	5 14	24 8	0 49	21 59	1 17	14 25	1 9	22 28	0 27	1 35	2 28	14 16	0 47	20 23	1 26	11 20	16 55	23 36	23 35	4 6	7 10	2 20	
S 10	22 4	8 26	5 10	24 8	0 58	21 44	1 18	14 38	1 8	22 26	0 27	1 33	2 27	14 16	0 47	20 23	1 26	11 19	16 55	23 36	23 35	4 3	7 10	2 20	
S 11	21 55	13 32	4 47	24 5	1 7	21 30	1 19	14 51	1 7	22 24	0 27	1 31	2 27	14 17	0 47	20 24	1 26	11 18	16 54	23 36	23 35	4 1	7 10	2 21	
M12	21 46	17 51	4 9	23 59	1 14	21 14	1 20	15 3	1 7	22 22	0 27	1 30	2 27	14 18	0 47	20 24	1 26	11 17	16 54	23 36	23 35	3 58	7 10	2 21	
T 13	21 36	21 8	3 17	23 51	1 21	20 58	1 21	15 16	1 6	22 20	0 27	1 28	2 27	14 18	0 47	20 24	1 26	11 16	16 53	23 36	23 35	3 55	7 10	2 21	
W14	21 26	23 14	2 16	23 40	1 27	20 42	1 22	15 28	1 6	22 18	0 28	1 26	2 26	14 19	0 47	20 24	1 26	11 16	16 52	23 36	23 35	3 52	7 10	2 21	
T 15	21 16	24 3	1 9	23 27	1 32	20 24	1 23	15 40	1 5	22 16	0 28	1 24	2 26	14 20	0 47	20 25	1 26	11 15	16 52	23 36	23 35	3 49	7 10	2 21	
F 16	21 5	23 36	0 0	23 10	1 36	20 7	1 24	15 52	1 4	22 14	0 28	1 22	2 26	14 20	0 47	20 25	1 26	11 14	16 51	23 36	23 35	3 47	7 10	2 21	
S 17	20 54	21 58	1n 8	22 52	1 40	19 48	1 24	16 3	1 4	22 12	0 28	1 20	2 26	14 21	0 47	20 25	1 26	11 13	16 51	23 36	23 35	3 44	7 10	2 21	
S 18	20 43	19 18	2 12	22 31	1 43	19 29	1 25	16 15	1 3	22 10	0 28	1 18	2 26	14 22	0 47	20 25	1 26	11 12	16 50	23 36	23 35	3 41	7 10	2 21	
M19	20 31	15 49	3 8	22 8	1 45	19 10	1 26	16 26	1 2	22 8	0 28	1 17	2 25	14 23	0 47	20 26	1 26	11 11	16 50	23 36	23 35	3 38	7 10	2 21	
T 20	20 19	11 45	3 56	21 42	1 46	18 50	1 26	16 38	1 2	22 6	0 28	1 15	2 25	14 23	0 47	20 26	1 26	11 10	16 49	23 36	23 35	3 36	7 10	2 21	
W21	20 7	7 15	4 33	21 15	1 47	18 29	1 26	16 49	1 1	22 4	0 28	1 13	2 25	14 24	0 47	20 26	1 26	11 9	16 49	23 36	23 35	3 33	7 10	2 21	
T 22	19 54	2 31	4 58	20 46	1 47	18 8	1 27	17 0	1 0	22 2	0 28	1 11	2 25	14 25	0 47	20 26	1 26	11 8	16 48	23 36	23 35	3 30	7 10	2 21	
F 23	19 41	2n17	5 10	20 16	1 46	17 46	1 27	17 11	0 59	22 0	0 28	1 8	2 25	14 25	0 47	20 26	1 26	11 7	16 48	23 36	23 34	3 27	7 10	2 21	
S 24	19 28	7 1	5 9	19 44	1 45	17 24	1 27	17 21	0 59	21 57	0 28	1 6	2 24	14 26	0 47	20 27	1 26	11 6	16 47	23 36	23 34	3 25	7 9	2 21	
S 25	19 14	11 31	4 54	19 10	1 43	17 2	1 27	17 32	0 58	21 55	0 29	1 4	2 24	14 27	0 47	20 27	1 26	11 6	16 47	23 36	23 34	3 22	7 9	2 21	
M26	19 0	15 39	4 26	18 35	1 41	16 39	1 28	17 42	0 57	21 53	0 29	1 2	2 24	14 28	0 47	20 27	1 27	11 5	16 46	23 36	23 34	3 19	7 9	2 21	
T 27	18 45	19 11	3 45	18 0	1 38	16 15	1 28	17 52	0 56	21 51	0 29	1 0	2 24	14 28	0 47	20 27	1 27	11 4	16 45	23 36	23 34	3 16	7 9	2 22	
W28	18 31	21 55	2 53	17 23	1 35	15 51	1 28	18 2	0 56	21 49	0 29	0 58	2 24	14 29	0 47	20 27	1 27	11 3	16 45	23 36	23 34	3 13	7 8	2 22	
T 29	18 16	23 36	1 50	16 45	1 31	15 27	1 27	18 12	0 55	21 46	0 29	0 56	2 24	14 30	0 47	20 28	1 27	11 2	16 44	23 36	23 34	3 11	7 8	2 22	
F 30	18 0	23 58	0 39	16 6	1 27	15 2	1 27	18 22	0 54	21 44	0 29	0 53	2 23	14 31	0 47	20 28	1 27	11 1	16 44	23 36	23 34	3 8	7 8	2 22	
S 31	17n45	22n52	0s37	15n27	1n22	14n37	1n27	18n32	0s53	21n42	0n29	0n51	2n23	14s32	0s47	20n28	1s27	11n 0	16n43	23s36	23s34	3s 5	7n 8	2n22	

Julian Day Number = 1993350.5, Delta T = 54m03s
Ecliptic obliquity = 23°36'04, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'54, Lahiri = 6°22'54 Julian Calendar 1 July 745 == Greg. Calendar 5 July 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

AUGUST 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 51 37	11♌23'02	19♋51	24♌ 6	26♌18	26♉38	25♋32	3♎25	23°R26	8♊39	11♎ 0	28°R36	26♐51	10♓41	12°R26	S 1
M 2	20 55 34	12°20'56	4♌38	25°51	27°32	27°15	25°45	3°31	23♒23	8°41	11° 1	28♐32	26°48	10°47	12♈25	M 2
T 3	20 59 31	13°18'51	19°41	27°34	28°47	27°51	25°58	3°36	23°21	8°42	11° 3	28°26	26°45	10°54	12°24	T 3
W 4	21 3 27	14°16'48	4♍50	29°16	0♍ 1	28°28	26°11	3°42	23°19	8°43	11° 4	28°20	26°42	11° 1	12°23	W 4
T 5	21 7 24	15°14'47	19°56	0♍57	1°15	29° 4	26°24	3°47	23°16	8°44	11° 6	28°13	26°38	11° 7	12°22	T 5
F 6	21 11 20	16°12'47	4♎49	2°37	2°29	29°40	26°37	3°53	23°14	8°45	11° 7	28° 7	26°35	11°14	12°21	F 6
S 7	21 15 17	17°10'48	19°22	4°15	3°43	0♊16	26°50	3°59	23°12	8°46	11° 9	28° 2	26°32	11°21	12°19	S 7
S 8	21 19 13	18° 8'51	3♏31	5°51	4°57	0°52	27° 2	4° 4	23° 9	8°47	11°11	27°59	26°29	11°28	12°18	S 8
M 9	21 23 10	19° 6'56	17°15	7°27	6°11	1°27	27°15	4°10	23° 7	8°48	11°12	27°D58	26°26	11°34	12°17	M 9
T 10	21 27 6	20° 5'01	0♐34	9° 1	7°25	2° 3	27°28	4°16	23° 4	8°49	11°14	27°58	26°23	11°41	12°15	T 10
W11	21 31 3	21° 3'09	13°32	10°34	8°39	2°38	27°40	4°22	23° 2	8°50	11°16	27°59	26°19	11°48	12°14	W11
T 12	21 35 0	22° 1'18	26°12	12° 6	9°53	3°13	27°53	4°28	23° 0	8°51	11°18	28°R 0	26°16	11°54	12°12	T 12
F 13	21 38 56	22°59'28	8♑38	13°36	11° 7	3°48	28° 6	4°34	22°57	8°52	11°19	27°59	26°13	12° 1	12°11	F 13
S 14	21 42 53	23°57'40	20°53	15° 6	12°21	4°22	28°18	4°40	22°55	8°53	11°21	27°57	26°10	12° 8	12° 9	S 14
S 15	21 46 49	24°55'54	3♒ 0	16°34	13°35	4°57	28°31	4°46	22°52	8°54	11°23	27°52	26° 7	12°15	12° 7	S 15
M16	21 50 46	25°54'09	15° 0	18° 0	14°49	5°31	28°43	4°52	22°50	8°54	11°25	27°44	26° 3	12°21	12° 6	M16
T 17	21 54 42	26°52'26	26°56	19°26	16° 3	6° 5	28°56	4°58	22°48	8°55	11°27	27°35	26° 0	12°28	12° 4	T 17
W18	21 58 39	27°50'45	8♓49	20°50	17°17	6°39	29° 8	5° 4	22°45	8°56	11°28	27°23	25°57	12°35	12° 2	W18
T 19	22 2 35	28°49'06	20°42	22°12	18°31	7°13	29°20	5°11	22°43	8°57	11°30	27°12	25°54	12°41	12° 0	T 19
F 20	22 6 32	29°47'28	2♈34	23°34	19°45	7°46	29°33	5°17	22°40	8°57	11°32	27° 0	25°51	12°48	11°58	F 20
S 21	22 10 29	0♍45'53	14°29	24°54	20°59	8°20	29°45	5°23	22°38	8°58	11°34	26°50	25°48	12°55	11°56	S 21
S 22	22 14 25	1°44'20	26°29	26°12	22°13	8°53	29°57	5°30	22°36	8°59	11°36	26°43	25°44	13° 2	11°54	S 22
M23	22 18 22	2°42'49	8♉37	27°29	23°27	9°26	0♌ 9	5°36	22°33	8°59	11°38	26°38	25°41	13° 8	11°52	M23
T 24	22 22 18	3°41'21	20°58	28°44	24°41	9°58	0°21	5°43	22°31	9° 0	11°40	26°35	25°38	13°15	11°50	T 24
W25	22 26 15	4°39'55	3♊35	29°58	25°55	10°31	0°33	5°49	22°29	9° 0	11°42	26°D34	25°35	13°22	11°48	W25
T 26	22 30 11	5°38'31	16°32	1♎10	27° 9	11° 3	0°45	5°56	22°26	9° 1	11°44	26°34	25°32	13°29	11°46	T 26
F 27	22 34 8	6°37'09	29°55	2°21	28°23	11°35	0°57	6° 2	22°24	9° 1	11°46	26°R34	25°29	13°35	11°44	F 27
S 28	22 38 4	7°35'50	13♋46	3°29	29°37	12° 6	1° 9	6° 9	22°22	9° 2	11°48	26°33	25°25	13°42	11°42	S 28
S 29	22 42 1	8°34'32	28° 6	4°35	0♎51	12°38	1°21	6°15	22°19	9° 2	11°50	26°30	25°22	13°49	11°40	S 29
M30	22 45 58	9°33'17	12♌52	5°39	2° 5	13° 9	1°32	6°22	22°17	9° 2	11°53	26°24	25°19	13°55	11°37	M30
T 31	22 49 54	10♍32'05	27♌59	6♎41	3♎19	13♊40	1♌44	6♎29	22♒15	9♊ 3	11♎55	26♐16	25♐16	14♓ 2	11♈35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n29	20n16	1s52	14n47	1n17	14n11	1n27	18n41	0s52	21n39	0n29	0n49	2n23	14s32	0s47	20n28	1s27	10n59	16n43	23s36	23s34	3s 2	7n 7	2n22
M 2	17 13	16 17	3 2	14 7	1 12	13 45	1 26	18 50	0 52	21 37	0 29	0 47	2 23	14 33	0 47	20 28	1 27	10 58	16 42	23 36	23 34	3 0	7 7	2 22
T 3	16 56	11 12	4 1	13 26	1 6	13 19	1 26	19 0	0 51	21 35	0 30	0 44	2 23	14 34	0 47	20 28	1 27	10 57	16 42	23 36	23 34	2 57	7 7	2 22
W 4	16 39	5 25	4 42	12 45	1 0	12 52	1 25	19 9	0 50	21 32	0 30	0 42	2 22	14 35	0 47	20 29	1 27	10 56	16 41	23 35	23 34	2 54	7 6	2 22
T 5	16 22	0s39	5 4	12 3	0 54	12 25	1 25	19 17	0 49	21 30	0 30	0 40	2 22	14 35	0 47	20 29	1 27	10 55	16 41	23 35	23 33	2 51	7 6	2 22
F 6	16 5	6 36	5 6	11 21	0 48	11 58	1 24	19 26	0 48	21 28	0 30	0 37	2 22	14 36	0 47	20 29	1 27	10 53	16 41	23 35	23 33	2 49	7 5	2 22
S 7	15 47	12 3	4 47	10 39	0 41	11 30	1 23	19 35	0 47	21 25	0 30	0 35	2 22	14 37	0 47	20 29	1 27	10 52	16 40	23 35	23 33	2 46	7 5	2 22
S 8	15 30	16 42	4 11	9 57	0 34	11 2	1 23	19 43	0 46	21 23	0 30	0 32	2 22	14 38	0 47	20 29	1 27	10 51	16 40	23 35	23 33	2 43	7 4	2 22
M 9	15 12	20 18	3 21	9 15	0 27	10 34	1 22	19 51	0 45	21 21	0 30	0 30	2 22	14 39	0 47	20 29	1 27	10 50	16 39	23 35	23 33	2 40	7 4	2 22
T 10	14 53	22 43	2 22	8 33	0 20	10 6	1 21	19 59	0 44	21 18	0 30	0 27	2 22	14 39	0 47	20 29	1 27	10 49	16 39	23 35	23 33	2 38	7 3	2 22
W11	14 35	23 51	1 17	7 51	0 12	9 37	1 20	20 7	0 43	21 16	0 30	0 25	2 21	14 40	0 47	20 29	1 27	10 48	16 38	23 35	23 33	2 35	7 3	2 22
T 12	14 16	23 42	0 10	7 9	0 5	9 8	1 19	20 15	0 42	21 13	0 31	0 22	2 21	14 41	0 47	20 29	1 27	10 47	16 38	23 35	23 33	2 32	7 2	2 22
F 13	13 57	22 22	0n57	6 27	0s 3	8 38	1 18	20 22	0 42	21 11	0 31	0 20	2 21	14 42	0 47	20 30	1 27	10 46	16 37	23 35	23 33	2 29	7 2	2 22
S 14	13 37	20 0	1 59	5 45	0 11	8 9	1 17	20 30	0 41	21 9	0 31	0 17	2 21	14 43	0 47	20 30	1 27	10 45	16 37	23 35	23 33	2 27	7 1	2 22
S 15	13 18	16 46	2 56	5 3	0 19	7 39	1 15	20 37	0 40	21 6	0 31	0 15	2 21	14 43	0 47	20 30	1 27	10 44	16 37	23 35	23 33	2 24	7 0	2 22
M16	12 58	12 53	3 44	4 22	0 27	7 9	1 14	20 44	0 39	21 4	0 31	0 12	2 21	14 44	0 47	20 30	1 27	10 43	16 36	23 35	23 33	2 21	7 0	2 22
T 17	12 38	8 31	4 21	3 41	0 35	6 39	1 13	20 51	0 37	21 1	0 31	0 10	2 21	14 45	0 47	20 30	1 27	10 42	16 36	23 35	23 32	2 18	6 59	2 22
W18	12 18	3 53	4 47	3 0	0 43	6 9	1 11	20 58	0 36	20 59	0 31	0 7	2 20	14 46	0 47	20 30	1 27	10 41	16 35	23 35	23 32	2 16	6 58	2 23
T 19	11 58	0n54	5 1	2 19	0 52	5 38	1 10	21 5	0 35	20 56	0 31	0 5	2 20	14 47	0 47	20 30	1 27	10 40	16 35	23 34	23 32	2 13	6 58	2 23
F 20	11 37	5 38	5 1	1 39	1 0	5 8	1 8	21 11	0 34	20 54	0 32	0 2	2 20	14 47	0 47	20 30	1 27	10 39	16 35	23 34	23 32	2 10	6 57	2 23
S 21	11 17	10 11	4 49	1 0	1 8	4 37	1 7	21 18	0 33	20 51	0 32	0s 1	2 20	14 48	0 47	20 30	1 27	10 38	16 34	23 34	23 32	2 7	6 56	2 23
S 22	10 56	14 22	4 24	0 21	1 17	4 6	1 5	21 24	0 32	20 49	0 32	0 3	2 20	14 49	0 47	20 30	1 28	10 36	16 34	23 34	23 32	2 5	6 55	2 23
M23	10 35	18 2	3 46	0s17	1 25	3 35	1 3	21 30	0 31	20 47	0 32	0 6	2 20	14 50	0 47	20 30	1 28	10 35	16 34	23 33	23 32	2 2	6 55	2 23
T 24	10 13	20 58	2 57	0 55	1 33	3 4	1 1	21 36	0 30	20 44	0 32	0 9	2 20	14 50	0 47	20 30	1 28	10 34	16 33	23 33	23 32	1 59	6 54	2 23
W25	9 52	22 57	1 59	1 32	1 42	2 32	1 0	21 42	0 29	20 42	0 32	0 11	2 20	14 51	0 47	20 30	1 28	10 33	16 33	23 33	23 32	1 56	6 53	2 23
T 26	9 30	23 48	0 53	2 9	1 50	2 1	0 58	21 48	0 28	20 39	0 32	0 14	2 20	14 52	0 47	20 30	1 28	10 32	16 32	23 33	23 32	1 54	6 52	2 23
F 27	9 9	23 18	0s18	2 44	1 58	1 30	0 56	21 53	0 27	20 37	0 33	0 17	2 19	14 53	0 47	20 30	1 28	10 31	16 32	23 33	23 31	1 51	6 51	2 23
S 28	8 47	21 24	1 30	3 19	2 6	0 58	0 54	21 59	0 25	20 34	0 33	0 20	2 19	14 53	0 47	20 30	1 28	10 30	16 32	23 33	23 31	1 48	6 51	2 23
S 29	8 25	18 5	2 39	3 53	2 14	0 27	0 52	22 4	0 24	20 32	0 33	0 22	2 19	14 54	0 47	20 30	1 28	10 29	16 32	23 33	23 31	1 45	6 50	2 23
M30	8 2	13 34	3 39	4 26	2 22	0s 5	0 50	22 9	0 23	20 29	0 33	0 25	2 19	14 55	0 47	20 30	1 28	10 28	16 31	23 33	23 31	1 43	6 49	2 23
T 31	7n40	8n 6	4s26	4s57	2s29	0s36	0n47	22n14	0s22	20n27	0n33	0s28	2n19	14s56	0s47	20n30	1s28	10n27	16n31	23s33	23s31	1s40	6n48	2n23

Julian Day Number = 1993381.5, Delta T = 54m02s
Ecliptic obliquity = 23°36'04, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°15'58, Lahiri = 6°22'59 Julian Calendar 1 Aug. 745 == Greg. Calendar 5 Aug. 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

SEPTEMBER 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 53 51	11♍30'54	13♍18	7♎41	4♎33	14♊11	1♌55	6♎36	22°R13	9♊ 3	11♎57	26°R 6	25♐13	14♓ 9	11°R33	W 1
T 2	22 57 47	12°29'45	28°37	8°37	5°47	14°41	2° 7	6°43	22♒11	9° 3	11°59	25♐55	25° 9	14°16	11♈30	T 2
F 3	23 1 44	13°28'38	13♎44	9°31	7° 1	15°11	2°18	6°49	22° 8	9° 3	12° 1	25°45	25° 6	14°22	11°28	F 3
S 4	23 5 40	14°27'34	28°32	10°22	8°15	15°41	2°30	6°56	22° 6	9° 3	12° 3	25°37	25° 3	14°29	11°25	S 4
S 5	23 9 37	15°26'31	12♏52	11° 9	9°29	16°11	2°41	7° 3	22° 4	9° 4	12° 6	25°31	25° 0	14°36	11°23	S 5
M 6	23 13 33	16°25'30	26°43	11°53	10°43	16°40	2°52	7°10	22° 2	9° 4	12° 8	25°28	24°57	14°42	11°20	M 6
T 7	23 17 30	17°24'30	10♐ 5	12°33	11°57	17° 9	3° 3	7°17	22° 0	9° 4	12°10	25°26	24°54	14°49	11°18	T 7
W 8	23 21 26	18°23'33	23° 2	13° 9	13°11	17°38	3°14	7°24	21°58	9° 4	12°12	25°26	24°50	14°56	11°15	W 8
T 9	23 25 23	19°22'37	5♑38	13°40	14°25	18° 7	3°25	7°31	21°56	9°R 4	12°15	25°26	24°47	15° 3	11°13	T 9
F 10	23 29 20	20°21'43	17°57	14° 5	15°39	18°35	3°36	7°38	21°54	9° 4	12°17	25°25	24°44	15° 9	11°10	F 10
S 11	23 33 16	21°20'51	0♒ 4	14°26	16°53	19° 3	3°47	7°45	21°52	9° 4	12°19	25°21	24°41	15°16	11° 8	S 11
S 12	23 37 13	22°20'01	12° 3	14°40	18° 6	19°30	3°58	7°52	21°50	9° 4	12°21	25°14	24°38	15°23	11° 5	S 12
M13	23 41 9	23°19'13	23°58	14°48	19°20	19°58	4° 9	7°59	21°48	9° 3	12°24	25° 5	24°34	15°30	11° 2	M13
T 14	23 45 6	24°18'27	5♓50	14°R49	20°34	20°25	4°19	8° 6	21°46	9° 3	12°26	24°52	24°31	15°36	11° 0	T 14
W15	23 49 2	25°17'42	17°42	14°43	21°48	20°51	4°30	8°13	21°44	9° 3	12°28	24°39	24°28	15°43	10°57	W15
T 16	23 52 59	26°17'00	29°36	14°30	23° 2	21°17	4°40	8°20	21°42	9° 3	12°31	24°24	24°25	15°50	10°54	T 16
F 17	23 56 55	27°16'20	11♈33	14° 8	24°15	21°43	4°50	8°28	21°40	9° 3	12°33	24°10	24°22	15°56	10°51	F 17
S 18	0 0 52	28°15'42	23°33	13°38	25°29	22° 9	5° 0	8°35	21°38	9° 2	12°35	23°57	24°19	16° 3	10°49	S 18
S 19	0 4 49	29°15'06	5♉40	13° 0	26°43	22°34	5°11	8°42	21°37	9° 2	12°38	23°47	24°15	16°10	10°46	S 19
M20	0 8 45	0♎14'33	17°54	12°13	27°57	22°59	5°21	8°49	21°35	9° 2	12°40	23°40	24°12	16°17	10°43	M20
T 21	0 12 42	1°14'02	0♊18	11°20	29°10	23°23	5°31	8°56	21°33	9° 1	12°43	23°36	24° 9	16°23	10°40	T 21
W22	0 16 38	2°13'33	12°56	10°19	0♏24	23°48	5°40	9° 3	21°32	9° 1	12°45	23°34	24° 6	16°30	10°38	W22
T 23	0 20 35	3°13'07	25°51	9°13	1°38	24°11	5°50	9°11	21°30	9° 0	12°47	23°34	24° 3	16°37	10°35	T 23
F 24	0 24 31	4°12'43	9♋ 8	8° 2	2°52	24°35	6° 0	9°18	21°28	9° 0	12°50	23°34	24° 0	16°43	10°32	F 24
S 25	0 28 28	5°12'21	22°48	6°48	4° 5	24°57	6° 9	9°25	21°27	8°59	12°52	23°33	23°56	16°50	10°29	S 25
S 26	0 32 24	6°12'02	6♌56	5°34	5°19	25°20	6°19	9°32	21°25	8°59	12°55	23°30	23°53	16°57	10°26	S 26
M27	0 36 21	7°11'45	21°29	4°22	6°33	25°42	6°28	9°39	21°24	8°58	12°57	23°24	23°50	17° 4	10°23	M27
T 28	0 40 18	8°11'30	6♍24	3°13	7°46	26° 4	6°37	9°47	21°22	8°57	12°59	23°16	23°47	17°10	10°21	T 28
W29	0 44 14	9°11'18	21°33	2°10	9° 0	26°25	6°46	9°54	21°21	8°57	13° 2	23° 6	23°44	17°17	10°18	W29
T 30	0 48 11	10♎11'07	6♎48	1♎15	10♏13	26♊45	6♌55	10♎ 1	21♒20	8♊56	13♎ 4	22♐55	23♐40	17♓24	10♈15	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n18	2n 6	4s54	5s28	2s37	1s 8	0n45	22n19	0s21	20n24	0n33	0s31	2n19	14s56	0s47	20n30	1s28	10n26	16n31	23s33	23s31	1s37	6n47	2n23
T 2	6 55	4s 2	5 1	5 57	2 44	1 39	0 43	22 24	0 19	20 22	0 33	0 33	2 19	14 57	0 47	20 30	1 28	10 24	16 30	23 32	23 31	1 34	6 46	2 23
F 3	6 32	9 51	4 46	6 25	2 51	2 11	0 41	22 28	0 18	20 19	0 34	0 36	2 19	14 58	0 47	20 30	1 28	10 23	16 30	23 32	23 31	1 32	6 45	2 23
S 4	6 9	14 58	4 13	6 51	2 58	2 43	0 38	22 33	0 17	20 17	0 34	0 39	2 19	14 59	0 47	20 30	1 28	10 22	16 30	23 32	23 30	1 29	6 44	2 23
S 5	5 47	19 3	3 25	7 16	3 4	3 14	0 36	22 37	0 15	20 14	0 34	0 42	2 19	14 59	0 47	20 30	1 28	10 21	16 30	23 31	23 30	1 26	6 43	2 23
M 6	5 24	21 55	2 26	7 38	3 10	3 45	0 34	22 42	0 14	20 12	0 34	0 45	2 19	15 0	0 47	20 30	1 28	10 20	16 29	23 31	23 30	1 24	6 42	2 23
T 7	5 0	23 26	1 20	7 59	3 15	4 17	0 31	22 46	0 13	20 10	0 34	0 47	2 19	15 1	0 47	20 30	1 28	10 19	16 29	23 31	23 30	1 21	6 41	2 23
W 8	4 37	23 38	0 13	8 17	3 20	4 48	0 29	22 50	0 11	20 7	0 34	0 50	2 19	15 1	0 47	20 30	1 28	10 18	16 29	23 31	23 30	1 18	6 40	2 23
T 9	4 14	22 35	0n54	8 34	3 24	5 19	0 26	22 54	0 10	20 5	0 34	0 53	2 18	15 2	0 47	20 30	1 28	10 17	16 29	23 31	23 30	1 15	6 39	2 23
F 10	3 51	20 28	1 56	8 47	3 28	5 50	0 24	22 58	0 9	20 2	0 35	0 56	2 18	15 3	0 47	20 30	1 28	10 16	16 28	23 31	23 30	1 13	6 38	2 23
S 11	3 27	17 28	2 52	8 58	3 31	6 21	0 21	23 1	0 7	20 0	0 35	0 59	2 18	15 3	0 47	20 30	1 28	10 15	16 28	23 31	23 30	1 10	6 37	2 23
S 12	3 4	13 47	3 39	9 5	3 33	6 52	0 18	23 5	0 6	19 58	0 35	1 2	2 18	15 4	0 47	20 30	1 28	10 14	16 28	23 31	23 29	1 7	6 36	2 23
M13	2 40	9 35	4 17	9 9	3 34	7 23	0 16	23 9	0 4	19 55	0 35	1 4	2 18	15 4	0 47	20 30	1 28	10 13	16 28	23 31	23 29	1 4	6 35	2 23
T 14	2 17	5 3	4 43	9 10	3 34	7 53	0 13	23 12	0 3	19 53	0 35	1 7	2 18	15 5	0 47	20 30	1 29	10 12	16 28	23 30	23 29	1 2	6 34	2 23
W15	1 53	0 20	4 57	9 6	3 33	8 24	0 10	23 16	0 1	19 50	0 35	1 10	2 18	15 6	0 47	20 30	1 29	10 11	16 27	23 30	23 29	0 59	6 33	2 23
T 16	1 29	4n23	4 58	8 58	3 30	8 54	0 7	23 19	0n 0	19 48	0 36	1 13	2 18	15 6	0 47	20 30	1 29	10 9	16 27	23 29	23 29	0 56	6 32	2 23
F 17	1 6	8 58	4 46	8 46	3 26	9 24	0 5	23 22	0 2	19 46	0 36	1 16	2 18	15 7	0 47	20 30	1 29	10 8	16 27	23 28	23 29	0 54	6 30	2 22
S 18	0 42	13 14	4 21	8 29	3 20	9 53	0 2	23 25	0 3	19 43	0 36	1 19	2 18	15 7	0 47	20 30	1 29	10 7	16 27	23 28	23 29	0 51	6 29	2 22
S 19	0 18	17 1	3 44	8 7	3 13	10 23	0s 1	23 28	0 5	19 41	0 36	1 22	2 18	15 8	0 47	20 30	1 29	10 6	16 27	23 27	23 29	0 48	6 28	2 22
M20	0s 6	20 6	2 56	7 41	3 4	10 52	0 4	23 31	0 6	19 39	0 36	1 24	2 18	15 8	0 47	20 29	1 29	10 5	16 27	23 27	23 28	0 45	6 27	2 22
T 21	0 30	22 18	2 0	7 9	2 53	11 21	0 7	23 34	0 8	19 37	0 36	1 27	2 18	15 9	0 47	20 29	1 29	10 4	16 27	23 27	23 28	0 43	6 26	2 22
W22	0 53	23 26	0 56	6 33	2 39	11 50	0 9	23 37	0 9	19 34	0 37	1 30	2 18	15 9	0 47	20 29	1 29	10 3	16 26	23 27	23 28	0 40	6 25	2 22
T 23	1 17	23 20	0s12	5 53	2 25	12 19	0 12	23 39	0 11	19 32	0 37	1 33	2 18	15 10	0 47	20 29	1 29	10 2	16 26	23 27	23 28	0 37	6 24	2 22
F 24	1 41	21 56	1 21	5 10	2 8	12 47	0 15	23 42	0 13	19 30	0 37	1 36	2 18	15 10	0 46	20 29	1 29	10 1	16 26	23 27	23 28	0 35	6 22	2 22
S 25	2 5	19 13	2 28	4 24	1 50	13 15	0 18	23 45	0 14	19 28	0 37	1 39	2 18	15 11	0 46	20 29	1 29	10 0	16 26	23 27	23 28	0 32	6 21	2 22
S 26	2 29	15 19	3 28	3 37	1 30	13 43	0 21	23 47	0 16	19 25	0 37	1 42	2 18	15 11	0 46	20 29	1 29	9 59	16 26	23 26	23 28	0 29	6 20	2 22
M27	2 52	10 24	4 16	2 49	1 10	14 10	0 24	23 50	0 18	19 23	0 38	1 44	2 18	15 12	0 46	20 29	1 29	9 58	16 26	23 26	23 27	0 26	6 19	2 22
T 28	3 16	4 46	4 48	2 3	0 50	14 37	0 27	23 52	0 20	19 21	0 38	1 47	2 18	15 12	0 46	20 29	1 29	9 57	16 26	23 26	23 27	0 24	6 18	2 22
W29	3 40	1s14	5 1	1 19	0 29	15 4	0 30	23 55	0 21	19 19	0 38	1 50	2 18	15 13	0 46	20 28	1 29	9 56	16 26	23 25	23 27	0 21	6 17	2 22
T 30	4s 4	7s11	4s53	0s38	0s 9	15s30	0s33	23n57	0n23	19n17	0n38	1s53	2n18	15s13	0s46	20n28	1s29	9n55	16n26	23s25	23s27	0s18	6n15	2n22

Julian Day Number = 1993412.5, Delta T = 54m02s
Ecliptic obliquity = 23°36'05, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'02, Lahiri = 6°23'03 Julian Calendar 1 Sept. 745 == Greg. Calendar 5 Sept. 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

OCTOBER 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 52 7	11♎10'59	21♎57	0°R29	11♏27	27♊ 6	7♌ 4	10♎ 8	21°R18	8°R55	13♎ 7	22°R45	23♐37	17♓31	10°R12	F 1
S 2	0 56 4	12°10'53	6♏49	29♍53	12°41	27°25	7°13	10°16	21♒17	8♊55	13° 9	22♐36	23°34	17°37	10♈ 9	S 2
S 3	1 0 0	13°10'48	21°17	29°28	13°54	27°45	7°21	10°23	21°16	8°54	13°12	22°30	23°31	17°44	10° 6	S 3
M 4	1 3 57	14°10'46	5♐16	29°15	15° 8	28° 3	7°30	10°30	21°15	8°53	13°14	22°27	23°28	17°51	10° 3	M 4
T 5	1 7 53	15°10'45	18°46	29°D13	16°21	28°22	7°38	10°37	21°14	8°52	13°16	22°D25	23°25	17°57	10° 1	T 5
W 6	1 11 50	16°10'46	1♑48	29°22	17°35	28°39	7°46	10°45	21°13	8°51	13°19	22°25	23°21	18° 4	9°58	W 6
T 7	1 15 46	17°10'48	14°27	29°42	18°48	28°57	7°54	10°52	21°12	8°50	13°21	22°R26	23°18	18°11	9°55	T 7
F 8	1 19 43	18°10'52	26°46	0♎12	20° 2	29°13	8° 2	10°59	21°11	8°49	13°24	22°26	23°15	18°18	9°52	F 8
S 9	1 23 40	19°10'58	8♒52	0°51	21°15	29°29	8°10	11° 6	21°10	8°49	13°26	22°23	23°12	18°24	9°49	S 9
S 10	1 27 36	20°11'06	20°49	1°37	22°29	29°45	8°18	11°13	21° 9	8°48	13°28	22°19	23° 9	18°31	9°47	S 10
M11	1 31 33	21°11'15	2♓41	2°32	23°42	29°59	8°25	11°21	21° 8	8°47	13°31	22°12	23° 6	18°38	9°44	M11
T 12	1 35 29	22°11'25	14°33	3°32	24°56	0♋14	8°33	11°28	21° 7	8°46	13°33	22° 3	23° 2	18°44	9°41	T 12
W13	1 39 26	23°11'38	26°26	4°39	26° 9	0°28	8°40	11°35	21° 6	8°44	13°36	21°52	22°59	18°51	9°38	W13
T 14	1 43 22	24°11'52	8♈24	5°50	27°22	0°41	8°47	11°42	21° 6	8°43	13°38	21°40	22°56	18°58	9°36	T 14
F 15	1 47 19	25°12'07	20°27	7° 6	28°36	0°54	8°54	11°49	21° 5	8°42	13°41	21°29	22°53	19° 5	9°33	F 15
S 16	1 51 15	26°12'25	2♉38	8°25	29°49	1° 6	9° 1	11°56	21° 4	8°41	13°43	21°19	22°50	19°11	9°30	S 16
S 17	1 55 12	27°12'44	14°56	9°47	1♐ 2	1°17	9° 8	12° 3	21° 4	8°40	13°45	21°11	22°46	19°18	9°27	S 17
M18	1 59 9	28°13'06	27°23	11°12	2°15	1°28	9°14	12°10	21° 3	8°39	13°48	21° 6	22°43	19°25	9°25	M18
T 19	2 3 5	29°13'29	10♊ 0	12°39	3°29	1°38	9°21	12°17	21° 3	8°38	13°50	21° 3	22°40	19°32	9°22	T 19
W20	2 7 2	0♏13'54	22°50	14° 7	4°42	1°47	9°27	12°24	21° 2	8°36	13°52	21°D 2	22°37	19°38	9°19	W20
T 21	2 10 58	1°14'21	5♋52	15°38	5°55	1°56	9°33	12°31	21° 2	8°35	13°55	21° 3	22°34	19°45	9°17	T 21
F 22	2 14 55	2°14'50	19°11	17° 9	7° 8	2° 4	9°39	12°38	21° 2	8°34	13°57	21° 4	22°31	19°52	9°14	F 22
S 23	2 18 51	3°15'21	2♌48	18°41	8°21	2°11	9°45	12°45	21° 1	8°32	13°59	21°R 5	22°27	19°58	9°12	S 23
S 24	2 22 48	4°15'54	16°45	20°14	9°34	2°18	9°51	12°52	21° 1	8°31	14° 2	21° 4	22°24	20° 5	9° 9	S 24
M25	2 26 44	5°16'29	1♍ 2	21°48	10°47	2°24	9°56	12°59	21° 1	8°30	14° 4	21° 2	22°21	20°12	9° 7	M25
T 26	2 30 41	6°17'05	15°36	23°22	12° 0	2°29	10° 1	13° 6	21° 1	8°28	14° 6	20°57	22°18	20°19	9° 4	T 26
W27	2 34 38	7°17'44	0♎23	24°56	13°13	2°33	10° 7	13°13	21° 1	8°27	14° 9	20°51	22°15	20°25	9° 2	W27
T 28	2 38 34	8°18'24	15°16	26°31	14°26	2°36	10°12	13°20	21°D 1	8°26	14°11	20°44	22°11	20°32	8°59	T 28
F 29	2 42 31	9°19'06	0♏ 8	28° 6	15°39	2°39	10°16	13°26	21° 1	8°24	14°13	20°37	22° 8	20°39	8°57	F 29
S 30	2 46 27	10°19'49	14°48	29°41	16°52	2°41	10°21	13°33	21° 1	8°23	14°15	20°32	22° 5	20°46	8°55	S 30
S 31	2 50 24	11♏20'34	29♏10	1♏16	18♐ 5	2♋42	10♌26	13♎40	21♒ 1	8♊21	14♎18	20♐28	22♐ 2	20♓52	8♈52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s27	12s40	4s24	0s 2	0n11	15s56	0s36	23n59	0n25	19n15	0n38	1s56	2n18	15s13	0s46	20n28	1s29	9n54	16n26	23s24	23s27	0s16	6n14	2n22
S 2	4 51	17 17	3 37	0n29	0 29	16 22	0 39	24 1	0 27	19 13	0 38	1 59	2 18	15 14	0 46	20 28	1 29	9 54	16 26	23 24	23 27	0 13	6 13	2 22
S 3	5 14	20 44	2 37	0 55	0 46	16 47	0 41	24 4	0 29	19 11	0 39	2 1	2 18	15 14	0 46	20 28	1 29	9 53	16 26	23 23	23 26	0 10	6 12	2 22
M 4	5 38	22 48	1 30	1 15	1 2	17 11	0 44	24 6	0 31	19 9	0 39	2 4	2 18	15 15	0 46	20 28	1 29	9 52	16 26	23 23	23 26	0 7	6 11	2 22
T 5	6 1	23 27	0 19	1 28	1 16	17 36	0 47	24 8	0 33	19 7	0 39	2 7	2 18	15 15	0 46	20 27	1 29	9 51	16 26	23 23	23 26	0 5	6 9	2 21
W 6	6 24	22 46	0n50	1 36	1 28	18 0	0 50	24 10	0 35	19 5	0 39	2 10	2 18	15 15	0 46	20 27	1 29	9 50	16 26	23 23	23 26	0 2	6 8	2 21
T 7	6 47	20 55	1 54	1 37	1 39	18 23	0 53	24 12	0 37	19 3	0 39	2 13	2 18	15 16	0 46	20 27	1 29	9 49	16 26	23 23	23 26	0n 1	6 7	2 21
F 8	7 11	18 8	2 52	1 34	1 47	18 46	0 56	24 15	0 39	19 1	0 40	2 16	2 18	15 16	0 46	20 27	1 29	9 48	16 26	23 23	23 26	0 3	6 6	2 21
S 9	7 34	14 36	3 41	1 25	1 55	19 8	0 59	24 17	0 41	18 59	0 40	2 18	2 18	15 16	0 46	20 27	1 29	9 47	16 26	23 23	23 26	0 6	6 5	2 21
S 10	7 56	10 33	4 20	1 12	2 1	19 30	1 1	24 19	0 43	18 57	0 40	2 21	2 18	15 16	0 46	20 27	1 29	9 46	16 26	23 23	23 25	0 9	6 3	2 21
M11	8 19	6 8	4 47	0 54	2 5	19 52	1 4	24 21	0 45	18 56	0 40	2 24	2 18	15 17	0 46	20 26	1 30	9 45	16 26	23 22	23 25	0 11	6 2	2 21
T 12	8 42	1 30	5 1	0 33	2 8	20 13	1 7	24 23	0 47	18 54	0 40	2 27	2 18	15 17	0 46	20 26	1 30	9 45	16 26	23 22	23 25	0 14	6 1	2 21
W13	9 4	3n12	5 3	0 8	2 10	20 33	1 10	24 25	0 49	18 52	0 41	2 29	2 18	15 17	0 46	20 26	1 30	9 44	16 26	23 21	23 25	0 17	6 0	2 21
T 14	9 27	7 48	4 51	0s20	2 11	20 53	1 12	24 27	0 51	18 50	0 41	2 32	2 18	15 17	0 46	20 26	1 30	9 43	16 26	23 20	23 25	0 19	5 59	2 21
F 15	9 49	12 9	4 26	0 50	2 11	21 12	1 15	24 29	0 53	18 49	0 41	2 35	2 18	15 17	0 46	20 26	1 30	9 42	16 26	23 20	23 24	0 22	5 57	2 20
S 16	10 11	16 3	3 49	1 22	2 10	21 31	1 18	24 31	0 56	18 47	0 41	2 38	2 18	15 18	0 46	20 25	1 30	9 41	16 26	23 19	23 24	0 25	5 56	2 20
S 17	10 33	19 18	3 1	1 56	2 9	21 49	1 20	24 34	0 58	18 46	0 41	2 40	2 19	15 18	0 46	20 25	1 30	9 40	16 26	23 18	23 24	0 28	5 55	2 20
M18	10 55	21 43	2 4	2 31	2 6	22 6	1 23	24 36	1 0	18 44	0 42	2 43	2 19	15 18	0 46	20 25	1 30	9 40	16 27	23 18	23 24	0 30	5 54	2 20
T 19	11 16	23 4	0 59	3 8	2 3	22 23	1 25	24 38	1 3	18 43	0 42	2 46	2 19	15 18	0 46	20 25	1 30	9 39	16 27	23 18	23 24	0 33	5 53	2 20
W20	11 38	23 15	0s10	3 46	2 0	22 39	1 28	24 40	1 5	18 41	0 42	2 48	2 19	15 18	0 46	20 25	1 30	9 38	16 27	23 18	23 24	0 36	5 52	2 20
T 21	11 59	22 9	1 19	4 25	1 56	22 55	1 30	24 43	1 7	18 40	0 42	2 51	2 19	15 18	0 46	20 24	1 30	9 37	16 27	23 18	23 23	0 38	5 50	2 20
F 22	12 20	19 49	2 26	5 4	1 51	23 10	1 33	24 45	1 10	18 38	0 43	2 54	2 19	15 18	0 46	20 24	1 30	9 37	16 27	23 18	23 23	0 41	5 49	2 20
S 23	12 41	16 19	3 26	5 44	1 46	23 25	1 35	24 47	1 12	18 37	0 43	2 56	2 19	15 18	0 46	20 24	1 30	9 36	16 27	23 18	23 23	0 44	5 48	2 20
S 24	13 2	11 52	4 15	6 24	1 41	23 38	1 37	24 49	1 15	18 36	0 43	2 59	2 19	15 18	0 46	20 24	1 30	9 35	16 27	23 18	23 23	0 46	5 47	2 19
M25	13 22	6 40	4 50	7 5	1 35	23 51	1 39	24 52	1 17	18 34	0 43	3 2	2 19	15 18	0 45	20 23	1 30	9 34	16 28	23 18	23 23	0 49	5 46	2 19
T 26	13 42	1 0	5 7	7 45	1 30	24 4	1 42	24 54	1 20	18 33	0 43	3 4	2 19	15 18	0 45	20 23	1 30	9 34	16 28	23 17	23 23	0 52	5 45	2 19
W27	14 2	4s48	5 4	8 25	1 24	24 15	1 44	24 57	1 22	18 32	0 44	3 7	2 19	15 18	0 45	20 23	1 30	9 33	16 28	23 17	23 22	0 54	5 44	2 19
T 28	14 22	10 22	4 41	9 6	1 17	24 26	1 46	24 59	1 25	18 31	0 44	3 9	2 19	15 18	0 45	20 23	1 30	9 32	16 28	23 16	23 22	0 57	5 43	2 19
F 29	14 42	15 19	3 59	9 46	1 11	24 37	1 48	25 2	1 27	18 30	0 44	3 12	2 20	15 18	0 45	20 22	1 30	9 32	16 28	23 16	23 22	1 0	5 42	2 19
S 30	15 1	19 16	3 1	10 26	1 5	24 46	1 50	25 4	1 30	18 29	0 44	3 14	2 20	15 18	0 45	20 22	1 30	9 31	16 29	23 16	23 22	1 2	5 41	2 19
S 31	15s20	21s57	1s53	11s 5	0n58	24s55	1s52	25n 7	1n33	18n28	0n45	3s17	2n20	15s18	0s45	20n22	1s30	9n30	16n29	23s15	23s22	1n 5	5n39	2n18

Julian Day Number = 1993442.5, Delta T = 54m01s
Ecliptic obliquity = 23°36'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'06, Lahiri = 6°23'07 Julian Calendar 1 Oct. 745 == Greg. Calendar 5 Oct. 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

NOVEMBER 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 54 20	12♏21'20	13♐ 9	2♏51	19♐18	2°R42	10♌30	13♎47	21♒ 1	8°R20	14♎20	20°R26	21♐59	20♓59	8°R50	M 1
T 2	2 58 17	13°22'07	26°42	4°26	20°31	2♋42	10°34	13°53	21° 2	8♊18	14°22	20°D26	21°56	21° 6	8♈48	T 2
W 3	3 2 13	14°22'55	9♑50	6° 1	21°43	2°40	10°38	14° 0	21° 2	8°17	14°24	20♐27	21°52	21°12	8°46	W 3
T 4	3 6 10	15°23'45	22°34	7°35	22°56	2°38	10°42	14° 6	21° 2	8°15	14°26	20°29	21°49	21°19	8°43	T 4
F 5	3 10 7	16°24'35	4♒58	9°10	24° 9	2°35	10°45	14°13	21° 3	8°14	14°29	20°31	21°46	21°26	8°41	F 5
S 6	3 14 3	17°25'27	17° 7	10°45	25°21	2°31	10°49	14°19	21° 3	8°12	14°31	20°R31	21°43	21°33	8°39	S 6
S 7	3 18 0	18°26'19	29° 5	12°20	26°34	2°26	10°52	14°26	21° 4	8°11	14°33	20°30	21°40	21°39	8°37	S 7
M 8	3 21 56	19°27'13	10♓58	13°54	27°47	2°20	10°55	14°32	21° 4	8° 9	14°35	20°28	21°37	21°46	8°35	M 8
T 9	3 25 53	20°28'07	22°50	15°29	28°59	2°14	10°58	14°39	21° 5	8° 7	14°37	20°25	21°33	21°53	8°33	T 9
W10	3 29 49	21°29'02	4♈45	17° 3	0♉11	2° 7	11° 1	14°45	21° 5	8° 6	14°39	20°20	21°30	21°59	8°31	W10
T 11	3 33 46	22°29'58	16°47	18°37	1°24	1°58	11° 3	14°51	21° 6	8° 4	14°41	20°15	21°27	22° 6	8°30	T 11
F 12	3 37 42	23°30'55	28°57	20°12	2°36	1°49	11° 6	14°57	21° 7	8° 2	14°43	20°10	21°24	22°13	8°28	F 12
S 13	3 41 39	24°31'53	11♉18	21°46	3°48	1°40	11° 8	15° 3	21° 8	8° 1	14°45	20° 6	21°21	22°20	8°26	S 13
S 14	3 45 36	25°32'52	23°51	23°20	5° 1	1°29	11°10	15°10	21° 9	7°59	14°47	20° 3	21°17	22°26	8°24	S 14
M15	3 49 32	26°33'51	6♊37	24°54	6°13	1°17	11°12	15°16	21° 9	7°58	14°49	20° 1	21°14	22°33	8°22	M15
T 16	3 53 29	27°34'52	19°35	26°29	7°25	1° 5	11°13	15°22	21°10	7°56	14°51	20°D 0	21°11	22°40	8°21	T 16
W17	3 57 25	28°35'54	2♋46	28° 3	8°37	0°52	11°15	15°27	21°11	7°54	14°53	20° 1	21° 8	22°47	8°19	W17
T 18	4 1 22	29°36'57	16° 9	29°37	9°49	0°38	11°16	15°33	21°13	7°53	14°55	20° 2	21° 5	22°53	8°18	T 18
F 19	4 5 18	0♐38'01	29°43	1♐12	11° 1	0°23	11°17	15°39	21°14	7°51	14°57	20° 3	21° 2	23° 0	8°16	F 19
S 20	4 9 15	1°39'06	13♌30	2°46	12°12	0° 8	11°18	15°45	21°15	7°49	14°58	20° 5	20°58	23° 7	8°15	S 20
S 21	4 13 11	2°40'12	27°27	4°21	13°24	29♊51	11°18	15°51	21°16	7°47	15° 0	20°R 5	20°55	23°13	8°13	S 21
M22	4 17 8	3°41'19	11♍35	5°55	14°36	29°34	11°19	15°56	21°17	7°46	15° 2	20° 5	20°52	23°20	8°12	M22
T 23	4 21 5	4°42'27	25°52	7°30	15°47	29°17	11°19	16° 2	21°19	7°44	15° 4	20° 4	20°49	23°27	8°11	T 23
W24	4 25 1	5°43'35	10♎14	9° 5	16°59	28°58	11°R19	16° 7	21°20	7°42	15° 5	20° 3	20°46	23°34	8°10	W24
T 25	4 28 58	6°44'45	24°39	10°40	18°10	28°39	11°19	16°13	21°21	7°41	15° 7	20° 1	20°43	23°40	8° 8	T 25
F 26	4 32 54	7°45'56	9♏ 1	12°15	19°22	28°20	11°18	16°18	21°23	7°39	15° 9	19°59	20°39	23°47	8° 7	F 26
S 27	4 36 51	8°47'07	23°15	13°51	20°33	27°59	11°18	16°24	21°24	7°37	15°11	19°58	20°36	23°54	8° 6	S 27
S 28	4 40 47	9°48'19	7♐16	15°26	21°44	27°39	11°17	16°29	21°26	7°36	15°12	19°57	20°33	24° 1	8° 5	S 28
M29	4 44 44	10°49'31	21° 1	17° 2	22°55	27°17	11°16	16°34	21°27	7°34	15°14	19°D57	20°30	24° 7	8° 4	M29
T 30	4 48 40	11♐50'44	4♑27	18♐38	24♑ 6	26♊55	11♌15	16♎39	21♒29	7♊32	15♎15	19♐57	20♐27	24♓14	8♈ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s39	23s11	0s40	11s44	0n51	25s 3	1s54	25n10	1n35	18n27	0n45	3s20	2n20	15s18	0s45	20n22	1s30	9n30	16n29	23s15	23s21	1n 8	5n38	2n18
T 2	15 57	22 59	0n34	12 23	0 45	25 11	1 55	25 12	1 38	18 26	0 45	3 22	2 20	15 18	0 45	20 21	1 30	9 29	16 29	23 15	23 21	1 10	5 37	2 18
W 3	16 16	21 31	1 44	13 1	0 38	25 17	1 57	25 15	1 41	18 25	0 45	3 24	2 20	15 18	0 45	20 21	1 30	9 29	16 30	23 15	23 21	1 13	5 36	2 18
T 4	16 34	18 58	2 46	13 39	0 31	25 23	1 59	25 18	1 44	18 24	0 46	3 27	2 20	15 18	0 45	20 21	1 30	9 28	16 30	23 15	23 21	1 16	5 35	2 18
F 5	16 51	15 36	3 39	14 16	0 24	25 28	2 0	25 21	1 46	18 23	0 46	3 29	2 20	15 17	0 45	20 21	1 30	9 28	16 30	23 16	23 21	1 18	5 34	2 18
S 6	17 9	11 40	4 21	14 52	0 18	25 33	2 2	25 24	1 49	18 23	0 46	3 32	2 20	15 17	0 45	20 20	1 30	9 27	16 30	23 16	23 20	1 21	5 33	2 18
S 7	17 26	7 19	4 51	15 28	0 11	25 36	2 3	25 27	1 52	18 22	0 46	3 34	2 21	15 17	0 45	20 20	1 30	9 26	16 31	23 16	23 20	1 24	5 33	2 17
M 8	17 43	2 45	5 8	16 3	0 4	25 39	2 4	25 29	1 55	18 21	0 47	3 36	2 21	15 17	0 45	20 20	1 30	9 26	16 31	23 15	23 20	1 26	5 32	2 17
T 9	17 59	1n55	5 12	16 38	0s 3	25 41	2 6	25 32	1 58	18 21	0 47	3 39	2 21	15 17	0 45	20 20	1 30	9 25	16 31	23 15	23 20	1 29	5 31	2 17
W10	18 15	6 31	5 3	17 11	0 9	25 43	2 7	25 35	2 0	18 20	0 47	3 41	2 21	15 16	0 45	20 19	1 30	9 25	16 32	23 15	23 20	1 32	5 30	2 17
T 11	18 31	10 56	4 40	17 44	0 16	25 44	2 8	25 38	2 3	18 20	0 47	3 43	2 21	15 16	0 45	20 19	1 30	9 24	16 32	23 14	23 19	1 34	5 29	2 17
F 12	18 47	14 58	4 4	18 16	0 23	25 43	2 9	25 41	2 6	18 19	0 48	3 46	2 21	15 16	0 45	20 19	1 30	9 24	16 32	23 14	23 19	1 37	5 28	2 17
S 13	19 2	18 26	3 17	18 48	0 29	25 42	2 10	25 44	2 9	18 19	0 48	3 48	2 21	15 16	0 45	20 19	1 30	9 24	16 33	23 14	23 19	1 39	5 27	2 16
S 14	19 17	21 6	2 19	19 18	0 35	25 41	2 11	25 47	2 12	18 19	0 48	3 50	2 22	15 15	0 45	20 18	1 30	9 23	16 33	23 13	23 19	1 42	5 26	2 16
M15	19 31	22 46	1 13	19 48	0 42	25 38	2 11	25 50	2 15	18 18	0 48	3 52	2 22	15 15	0 45	20 18	1 30	9 23	16 33	23 13	23 19	1 45	5 25	2 16
T 16	19 45	23 14	0 2	20 16	0 48	25 35	2 12	25 53	2 17	18 18	0 49	3 54	2 22	15 15	0 45	20 18	1 30	9 22	16 34	23 13	23 18	1 47	5 25	2 16
W17	19 59	22 25	1s10	20 44	0 54	25 31	2 13	25 56	2 20	18 18	0 49	3 57	2 22	15 14	0 45	20 18	1 30	9 22	16 34	23 13	23 18	1 50	5 24	2 16
T 18	20 12	20 19	2 19	21 11	1 0	25 27	2 13	25 59	2 23	18 18	0 49	3 59	2 22	15 14	0 45	20 17	1 30	9 22	16 34	23 13	23 18	1 53	5 23	2 16
F 19	20 25	17 3	3 22	21 36	1 5	25 21	2 13	26 2	2 26	18 18	0 49	4 1	2 22	15 13	0 45	20 17	1 30	9 21	16 35	23 14	23 18	1 55	5 22	2 15
S 20	20 38	12 50	4 14	22 1	1 11	25 15	2 14	26 5	2 29	18 18	0 50	4 3	2 22	15 13	0 45	20 17	1 30	9 21	16 35	23 14	23 17	1 58	5 22	2 15
S 21	20 50	7 52	4 52	22 24	1 16	25 8	2 14	26 7	2 31	18 18	0 50	4 5	2 23	15 13	0 45	20 16	1 30	9 21	16 35	23 14	23 17	2 1	5 21	2 15
M22	21 2	2 27	5 12	22 47	1 21	25 1	2 14	26 10	2 34	18 18	0 50	4 7	2 23	15 12	0 44	20 16	1 30	9 20	16 36	23 14	23 17	2 3	5 20	2 15
T 23	21 13	3s 9	5 14	23 8	1 26	24 52	2 14	26 13	2 37	18 18	0 50	4 9	2 23	15 12	0 44	20 16	1 30	9 20	16 36	23 14	23 17	2 6	5 20	2 15
W24	21 24	8 37	4 57	23 28	1 31	24 43	2 14	26 15	2 39	18 19	0 51	4 11	2 23	15 11	0 44	20 16	1 30	9 20	16 37	23 13	23 17	2 8	5 19	2 15
T 25	21 35	13 38	4 20	23 47	1 36	24 34	2 13	26 18	2 42	18 19	0 51	4 13	2 23	15 11	0 44	20 15	1 30	9 19	16 37	23 13	23 16	2 11	5 18	2 14
F 26	21 45	17 52	3 28	24 4	1 40	24 23	2 13	26 20	2 45	18 19	0 51	4 15	2 24	15 10	0 44	20 15	1 30	9 19	16 38	23 13	23 16	2 14	5 18	2 14
S 27	21 55	21 0	2 23	24 21	1 44	24 12	2 13	26 22	2 47	18 20	0 51	4 17	2 24	15 10	0 44	20 15	1 30	9 19	16 38	23 13	23 16	2 16	5 17	2 14
S 28	22 4	22 49	1 10	24 36	1 48	24 0	2 12	26 24	2 50	18 20	0 52	4 19	2 24	15 9	0 44	20 15	1 30	9 19	16 38	23 13	23 16	2 19	5 16	2 14
M29	22 13	23 12	0n 6	24 49	1 52	23 48	2 11	26 26	2 52	18 21	0 52	4 20	2 24	15 9	0 44	20 14	1 30	9 19	16 39	23 13	23 15	2 22	5 16	2 14
T 30	22s22	22s12	1n20	25s 1	1s55	23s35	2s11	26n28	2n55	18n21	0n52	4s22	2n24	15s 8	0s44	20n14	1s30	9n18	16n39	23s13	23s15	2n24	5n15	2n13

Julian Day Number = 1993473.5, Delta T = 54m00s
Ecliptic obliquity = 23°36'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'11, Lahiri = 6°23'11 Julian Calendar 1 Nov. 745 == Greg. Calendar 5 Nov. 745

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ASTRODIENST EPHEMERIS for the year 745
geocentric

DECEMBER 745 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 52 37	12♐51'57	17♑32	20♐14	25♑17	26°R33	11°R13	16♎44	21♒31	7°R30	15♎17	19♐58	20♐23	24♓21	8°R 2	W 1
T 2	4 56 34	13°53'10	0♒17	21°50	26°28	26♊11	11♌12	16°49	21°33	7♊29	15°18	19°59	20°20	24°27	8♈ 2	T 2
F 3	5 0 30	14°54'23	12°44	23°26	27°39	25°48	11°10	16°54	21°34	7°27	15°20	19°59	20°17	24°34	8° 1	F 3
S 4	5 4 27	15°55'36	24°56	25° 3	28°49	25°24	11° 8	16°59	21°36	7°25	15°21	20° 0	20°14	24°41	8° 0	S 4
S 5	5 8 23	16°56'49	6♓57	26°39	29°59	25° 1	11° 6	17° 4	21°38	7°24	15°23	20° 0	20°11	24°48	8° 0	S 5
M 6	5 12 20	17°58'02	18°51	28°16	1♒10	24°37	11° 4	17° 9	21°40	7°22	15°24	20°R 0	20° 8	24°54	7°59	M 6
T 7	5 16 16	18°59'15	0♈44	29°53	2°21	24°13	11° 1	17°13	21°42	7°20	15°26	20° 0	20° 4	25° 1	7°58	T 7
W 8	5 20 13	20° 0'28	12°39	1♑29	3°31	23°50	10°59	17°18	21°44	7°19	15°27	20°D 0	20° 1	25° 8	7°58	W 8
T 9	5 24 10	21° 1'40	24°41	3° 6	4°41	23°26	10°56	17°22	21°46	7°17	15°28	20° 0	19°58	25°14	7°58	T 9
F 10	5 28 6	22° 2'53	6♉55	4°42	5°51	23° 2	10°53	17°27	21°48	7°15	15°29	20° 0	19°55	25°21	7°57	F 10
S 11	5 32 3	23° 4'05	19°23	6°18	7° 0	22°38	10°49	17°31	21°50	7°14	15°31	20° 0	19°52	25°28	7°57	S 11
S 12	5 35 59	24° 5'17	2♊ 8	7°54	8°10	22°14	10°46	17°35	21°52	7°12	15°32	20° 1	19°49	25°35	7°57	S 12
M13	5 39 56	25° 6'28	15°11	9°29	9°19	21°50	10°42	17°39	21°55	7°11	15°33	20°R 1	19°45	25°41	7°57	M13
T 14	5 43 52	26° 7'40	28°32	11° 4	10°28	21°27	10°38	17°43	21°57	7° 9	15°34	20° 1	19°42	25°48	7°57	T 14
W15	5 47 49	27° 8'51	12♋ 9	12°38	11°38	21° 3	10°34	17°47	21°59	7° 7	15°35	20° 1	19°39	25°55	7°D56	W15
T 16	5 51 45	28°10'03	26° 0	14°10	12°47	20°40	10°30	17°51	22° 1	7° 6	15°36	20° 0	19°36	26° 2	7°56	T 16
F 17	5 55 42	29°11'14	10♌ 2	15°41	13°55	20°18	10°26	17°55	22° 4	7° 4	15°37	19°59	19°33	26° 8	7°57	F 17
S 18	5 59 39	0♑12'25	24°12	17°11	15° 4	19°55	10°21	17°59	22° 6	7° 3	15°38	19°57	19°29	26°15	7°57	S 18
S 19	6 3 35	1°13'36	8♍25	18°38	16°12	19°33	10°17	18° 2	22° 9	7° 1	15°39	19°56	19°26	26°22	7°57	S 19
M20	6 7 32	2°14'46	22°39	20° 3	17°21	19°12	10°12	18° 6	22°11	7° 0	15°40	19°56	19°23	26°28	7°57	M20
T 21	6 11 28	3°15'57	6♎50	21°25	18°29	18°51	10° 7	18° 9	22°14	6°58	15°41	19°D55	19°20	26°35	7°57	T 21
W22	6 15 25	4°17'07	20°57	22°43	19°37	18°30	10° 2	18°13	22°16	6°57	15°42	19°56	19°17	26°42	7°58	W22
T 23	6 19 21	5°18'18	4♏59	23°57	20°44	18°11	9°56	18°16	22°19	6°55	15°43	19°57	19°14	26°49	7°58	T 23
F 24	6 23 18	6°19'28	18°52	25° 6	21°52	17°51	9°51	18°19	22°21	6°54	15°44	19°58	19°10	26°55	7°59	F 24
S 25	6 27 14	7°20'38	2♐36	26° 9	22°59	17°32	9°45	18°22	22°24	6°52	15°45	19°59	19° 7	27° 2	7°59	S 25
S 26	6 31 11	8°21'47	16° 9	27° 7	24° 6	17°14	9°40	18°25	22°27	6°51	15°45	20°R 0	19° 4	27° 9	8° 0	S 26
M27	6 35 8	9°22'56	29°30	27°56	25°13	16°57	9°34	18°28	22°29	6°50	15°46	20° 0	19° 1	27°16	8° 0	M27
T 28	6 39 4	10°24'04	12♑38	28°38	26°20	16°40	9°28	18°31	22°32	6°48	15°47	19°59	18°58	27°22	8° 1	T 28
W29	6 43 1	11°25'12	25°31	29°10	27°26	16°24	9°21	18°34	22°35	6°47	15°47	19°56	18°55	27°29	8° 2	W29
T 30	6 46 57	12°26'19	8♒ 9	29°33	28°32	16° 9	9°15	18°36	22°38	6°46	15°48	19°53	18°51	27°36	8° 3	T 30
F 31	6 50 54	13♑27'24	20♒32	29♑45	29♒38	15♊54	9♌ 9	18♎39	22♒40	6♊44	15♎48	19♐49	18♐48	27♓42	8♈ 4	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s30	20s 1	2n27	25s12	1s58	23s21	2s10	26n30	2n57	18n22	0n52	4s24	2n24	15s 7	0s44	20n14	1s30	9n18	16n40	23s13	23s15	2n27	5n15	2n13
T 2	22 37	16 53	3 25	25 22	2 1	23 7	2 9	26 32	2 59	18 22	0 53	4 26	2 25	15 7	0 44	20 13	1 30	9 18	16 40	23 13	23 15	2 29	5 14	2 13
F 3	22 44	13 4	4 13	25 29	2 3	22 51	2 8	26 33	3 1	18 23	0 53	4 27	2 25	15 6	0 44	20 13	1 30	9 18	16 41	23 13	23 15	2 32	5 14	2 13
S 4	22 51	8 47	4 47	25 36	2 5	22 36	2 7	26 35	3 3	18 24	0 53	4 29	2 25	15 6	0 44	20 13	1 30	9 18	16 41	23 13	23 14	2 35	5 13	2 13
S 5	22 57	4 14	5 9	25 40	2 7	22 20	2 5	26 36	3 5	18 25	0 53	4 31	2 25	15 5	0 44	20 13	1 30	9 18	16 42	23 13	23 14	2 37	5 13	2 12
M 6	23 3	0n25	5 17	25 44	2 8	22 3	2 4	26 37	3 7	18 26	0 54	4 32	2 26	15 4	0 44	20 12	1 30	9 18	16 42	23 13	23 14	2 40	5 13	2 12
T 7	23 8	5 3	5 12	25 45	2 9	21 45	2 2	26 38	3 9	18 27	0 54	4 34	2 26	15 4	0 44	20 12	1 30	9 18	16 43	23 13	23 14	2 42	5 12	2 12
W 8	23 13	9 31	4 53	25 45	2 9	21 27	2 1	26 38	3 11	18 28	0 54	4 35	2 26	15 3	0 44	20 12	1 30	9 18	16 43	23 13	23 13	2 45	5 12	2 12
T 9	23 18	13 40	4 21	25 43	2 9	21 9	1 59	26 39	3 13	18 29	0 54	4 37	2 26	15 2	0 44	20 12	1 30	9 17	16 44	23 13	23 13	2 48	5 12	2 12
F 10	23 22	17 20	3 37	25 40	2 9	20 49	1 57	26 39	3 15	18 30	0 55	4 38	2 26	15 2	0 44	20 11	1 30	9 17	16 44	23 13	23 13	2 50	5 11	2 12
S 11	23 25	20 17	2 42	25 34	2 8	20 30	1 55	26 39	3 16	18 31	0 55	4 40	2 27	15 1	0 44	20 11	1 30	9 17	16 45	23 13	23 13	2 53	5 11	2 11
S 12	23 28	22 19	1 38	25 27	2 6	20 10	1 53	26 39	3 18	18 32	0 55	4 41	2 27	15 0	0 44	20 11	1 30	9 17	16 45	23 13	23 12	2 55	5 11	2 11
M13	23 31	23 13	0 27	25 19	2 4	19 49	1 50	26 39	3 19	18 33	0 55	4 43	2 27	14 59	0 44	20 11	1 30	9 18	16 46	23 13	23 12	2 58	5 10	2 11
T 14	23 33	22 49	0s47	25 8	2 1	19 28	1 48	26 39	3 20	18 35	0 56	4 44	2 27	14 59	0 44	20 10	1 30	9 18	16 46	23 13	23 12	3 1	5 10	2 11
W15	23 34	21 3	2 0	24 56	1 57	19 6	1 46	26 39	3 21	18 36	0 56	4 45	2 28	14 58	0 44	20 10	1 30	9 18	16 47	23 13	23 12	3 3	5 10	2 11
T 16	23 35	18 2	3 6	24 43	1 53	18 44	1 43	26 38	3 22	18 37	0 56	4 47	2 28	14 57	0 44	20 10	1 30	9 18	16 47	23 13	23 11	3 6	5 10	2 10
F 17	23 36	13 57	4 3	24 27	1 48	18 22	1 40	26 37	3 23	18 39	0 56	4 48	2 28	14 56	0 44	20 10	1 30	9 18	16 48	23 13	23 11	3 8	5 10	2 10
S 18	23 36	9 4	4 45	24 10	1 42	17 59	1 37	26 37	3 24	18 40	0 57	4 49	2 28	14 55	0 44	20 10	1 30	9 18	16 48	23 13	23 11	3 11	5 10	2 10
S 19	23 36	3 41	5 10	23 52	1 35	17 35	1 34	26 36	3 25	18 42	0 57	4 50	2 28	14 55	0 44	20 9	1 30	9 18	16 49	23 13	23 11	3 14	5 10	2 10
M20	23 35	1s54	5 16	23 32	1 27	17 11	1 31	26 35	3 26	18 43	0 57	4 51	2 29	14 54	0 44	20 9	1 30	9 18	16 49	23 13	23 10	3 16	5 9	2 10
T 21	23 34	7 21	5 3	23 11	1 19	16 47	1 28	26 34	3 27	18 45	0 57	4 52	2 29	14 53	0 44	20 9	1 30	9 18	16 50	23 13	23 10	3 19	5 9	2 9
W22	23 32	12 25	4 31	22 49	1 9	16 23	1 25	26 32	3 27	18 46	0 58	4 53	2 29	14 52	0 44	20 9	1 30	9 19	16 50	23 13	23 10	3 21	5 9	2 9
T 23	23 30	16 47	3 44	22 26	0 59	15 58	1 21	26 31	3 28	18 48	0 58	4 54	2 29	14 51	0 44	20 8	1 30	9 19	16 51	23 13	23 10	3 24	5 9	2 9
F 24	23 27	20 10	2 44	22 2	0 47	15 32	1 18	26 30	3 28	18 50	0 58	4 55	2 30	14 50	0 43	20 8	1 30	9 19	16 51	23 13	23 9	3 26	5 9	2 9
S 25	23 24	22 22	1 35	21 38	0 35	15 7	1 14	26 28	3 28	18 52	0 58	4 56	2 30	14 49	0 43	20 8	1 29	9 19	16 52	23 13	23 9	3 29	5 9	2 9
S 26	23 20	23 14	0 21	21 13	0 21	14 41	1 10	26 27	3 29	18 53	0 58	4 57	2 30	14 49	0 43	20 8	1 29	9 19	16 53	23 13	23 9	3 32	5 9	2 8
M27	23 16	22 44	0n52	20 49	0 6	14 15	1 6	26 25	3 29	18 55	0 59	4 58	2 30	14 48	0 43	20 8	1 29	9 20	16 53	23 13	23 9	3 34	5 10	2 8
T 28	23 11	20 59	2 2	20 25	0n 9	13 48	1 2	26 23	3 29	18 57	0 59	4 59	2 31	14 47	0 43	20 7	1 29	9 20	16 54	23 13	23 8	3 37	5 10	2 8
W29	23 6	18 11	3 3	20 3	0 26	13 21	0 58	26 22	3 29	18 59	0 59	5 0	2 31	14 46	0 43	20 7	1 29	9 20	16 54	23 13	23 8	3 39	5 10	2 8
T 30	23 1	14 35	3 55	19 41	0 43	12 54	0 54	26 20	3 29	19 1	0 59	5 1	2 31	14 45	0 43	20 7	1 29	9 20	16 55	23 13	23 8	3 42	5 10	2 8
F 31	22s55	10s25	4n34	19s21	1n 1	12s27	0s49	26n18	3n29	19n 3	0n59	5s 1	2n31	14s44	0s43	20n 7	1s29	9n21	16n55	23s12	23s 8	3n44	5n10	2n 8

Julian Day Number = 1993503.5, Delta T = 54m00s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'15, Lahiri = 6°23'15 Julian Calendar 1 Dec. 745 == Greg. Calendar 5 Dec. 745

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ASTRODIENST EPHEMERIS for the year 746
geocentric

JANUARY 746 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 54 50	14♑28'29	2♓44	29°R46	0♓44	15°R41	9°R 2	18♎41	22♒43	6°R43	15♎49	19°R45	18♐45	27♓49	8♈ 5	S 1
S 2	6 58 47	15°29'33	14°45	29♑35	1°49	15♊28	8♌55	18°43	22°46	6♊42	15°49	19♐41	18°42	27°56	8° 6	S 2
M 3	7 2 43	16°30'35	26°39	29°13	2°54	15°15	8°49	18°46	22°49	6°40	15°50	19°38	18°39	28° 3	8° 7	M 3
T 4	7 6 40	17°31'36	8♈31	28°40	3°59	15° 4	8°42	18°48	22°52	6°39	15°50	19°36	18°35	28° 9	8° 8	T 4
W 5	7 10 37	18°32'36	20°24	27°56	5° 4	14°53	8°35	18°50	22°55	6°38	15°51	19°D36	18°32	28°16	8° 9	W 5
T 6	7 14 33	19°33'35	2♉25	27° 3	6° 8	14°44	8°28	18°52	22°58	6°37	15°51	19°36	18°29	28°23	8°10	T 6
F 7	7 18 30	20°34'33	14°37	26° 2	7°12	14°35	8°20	18°53	23° 1	6°36	15°51	19°38	18°26	28°29	8°11	F 7
S 8	7 22 26	21°35'29	27° 6	24°54	8°15	14°27	8°13	18°55	23° 4	6°35	15°51	19°40	18°23	28°36	8°13	S 8
S 9	7 26 23	22°36'24	9♊54	23°42	9°18	14°19	8° 6	18°57	23° 7	6°34	15°52	19°41	18°20	28°43	8°14	S 9
M10	7 30 19	23°37'18	23° 6	22°28	10°21	14°13	7°58	18°58	23°10	6°33	15°52	19°R42	18°16	28°50	8°15	M10
T 11	7 34 16	24°38'10	6♋42	21°15	11°24	14° 7	7°51	19° 0	23°13	6°31	15°52	19°40	18°13	28°56	8°17	T 11
W12	7 38 13	25°39'01	20°41	20° 3	12°26	14° 2	7°43	19° 1	23°16	6°30	15°52	19°37	18°10	29° 3	8°18	W12
T 13	7 42 9	26°39'51	4♌59	18°55	13°28	13°58	7°36	19° 2	23°20	6°30	15°52	19°33	18° 7	29°10	8°20	T 13
F 14	7 46 6	27°40'39	19°32	17°53	14°29	13°55	7°28	19° 3	23°23	6°29	15°52	19°27	18° 4	29°17	8°22	F 14
S 15	7 50 2	28°41'26	4♍11	16°57	15°30	13°52	7°20	19° 4	23°26	6°28	15°R52	19°21	18° 1	29°23	8°23	S 15
S 16	7 53 59	29°42'13	18°51	16° 8	16°30	13°50	7°12	19° 5	23°29	6°27	15°52	19°15	17°57	29°30	8°25	S 16
M17	7 57 55	0♒42'57	3♎24	15°28	17°30	13°49	7° 5	19° 6	23°32	6°26	15°52	19°10	17°54	29°37	8°27	M17
T 18	8 1 52	1°43'41	17°45	14°55	18°30	13°D49	6°57	19° 7	23°36	6°25	15°52	19° 7	17°51	29°43	8°29	T 18
W19	8 5 48	2°44'24	1♏52	14°31	19°29	13°49	6°49	19° 7	23°39	6°24	15°52	19°D 7	17°48	29°50	8°31	W19
T 20	8 9 45	3°45'06	15°43	14°15	20°27	13°51	6°41	19° 8	23°42	6°23	15°52	19° 7	17°45	29°57	8°33	T 20
F 21	8 13 42	4°45'46	29°19	14° 6	21°25	13°53	6°33	19° 8	23°46	6°23	15°52	19° 8	17°41	0♈ 4	8°35	F 21
S 22	8 17 38	5°46'26	12♐41	14°D 5	22°23	13°55	6°25	19° 8	23°49	6°22	15°51	19°R 9	17°38	0°10	8°37	S 22
S 23	8 21 35	6°47'04	25°50	14°11	23°20	13°59	6°17	19° 9	23°52	6°21	15°51	19° 9	17°35	0°17	8°39	S 23
M24	8 25 31	7°47'41	8♑46	14°24	24°17	14° 3	6° 9	19°R 9	23°56	6°21	15°51	19° 7	17°32	0°24	8°41	M24
T 25	8 29 28	8°48'16	21°32	14°42	25°12	14° 7	6° 1	19° 9	23°59	6°20	15°50	19° 3	17°29	0°30	8°43	T 25
W26	8 33 24	9°48'49	4♒ 7	15° 7	26° 8	14°13	5°53	19° 8	24° 2	6°20	15°50	18°56	17°26	0°37	8°45	W26
T 27	8 37 21	10°49'22	16°32	15°36	27° 2	14°19	5°45	19° 8	24° 6	6°19	15°50	18°47	17°22	0°44	8°48	T 27
F 28	8 41 17	11°49'52	28°47	16°11	27°57	14°26	5°38	19° 8	24° 9	6°18	15°49	18°37	17°19	0°51	8°50	F 28
S 29	8 45 14	12°50'20	10♓53	16°50	28°50	14°33	5°30	19° 7	24°12	6°18	15°49	18°26	17°16	0°57	8°52	S 29
S 30	8 49 11	13°50'47	22°51	17°33	29°43	14°41	5°22	19° 7	24°16	6°18	15°48	18°16	17°13	1° 4	8°55	S 30
M31	8 53 7	14♒51'12	4♈44	18♑20	0♈35	14♊50	5♌14	19♎ 6	24♒19	6♊17	15♎48	18♐ 7	17♐10	1♈11	8♈57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s49	5s54	5n 0	19s 3	1n19	11s59	0s45	26n17	3n29	19n 5	1n 0	5s 2	2n32	14s43	0s43	20n 7	1s29	9n21	16n56	23s12	23s 7	3n47	5n10	2n 7
S 2	22 42	1 15	5 12	18 47	1 37	11 31	0 40	26 15	3 28	19 7	1 0	5 3	2 32	14 42	0 43	20 7	1 29	9 21	16 56	23 12	23 7	3 50	5 11	2 7
M 3	22 34	3n25	5 11	18 34	1 56	11 3	0 35	26 13	3 28	19 9	1 0	5 3	2 32	14 41	0 43	20 6	1 29	9 22	16 57	23 12	23 7	3 52	5 11	2 7
T 4	22 27	7 56	4 57	18 23	2 14	10 35	0 31	26 12	3 28	19 11	1 0	5 4	2 32	14 40	0 43	20 6	1 29	9 22	16 58	23 11	23 6	3 55	5 11	2 7
W 5	22 18	12 11	4 30	18 15	2 31	10 7	0 26	26 10	3 27	19 13	1 0	5 4	2 33	14 39	0 43	20 6	1 29	9 23	16 58	23 11	23 6	3 57	5 11	2 7
T 6	22 10	15 59	3 50	18 10	2 46	9 38	0 20	26 8	3 27	19 15	1 1	5 5	2 33	14 38	0 43	20 6	1 29	9 23	16 59	23 11	23 6	4 0	5 12	2 6
F 7	22 1	19 12	3 0	18 7	3 1	9 10	0 15	26 7	3 26	19 17	1 1	5 5	2 33	14 37	0 43	20 6	1 29	9 23	16 59	23 12	23 6	4 2	5 12	2 6
S 8	21 51	21 36	2 0	18 7	3 13	8 41	0 10	26 5	3 26	19 19	1 1	5 6	2 34	14 36	0 43	20 6	1 29	9 24	17 0	23 12	23 5	4 5	5 12	2 6
S 9	21 41	22 58	0 53	18 10	3 24	8 12	0 4	26 4	3 25	19 21	1 1	5 6	2 34	14 35	0 43	20 5	1 29	9 24	17 0	23 12	23 5	4 7	5 13	2 6
M10	21 31	23 7	0s19	18 14	3 31	7 43	0n 1	26 2	3 24	19 23	1 1	5 6	2 34	14 34	0 43	20 5	1 29	9 25	17 1	23 12	23 5	4 10	5 13	2 6
T 11	21 20	21 54	1 31	18 20	3 37	7 14	0 7	26 1	3 24	19 25	1 1	5 7	2 34	14 33	0 43	20 5	1 29	9 25	17 2	23 12	23 4	4 12	5 14	2 6
W12	21 9	19 21	2 41	18 28	3 40	6 45	0 13	26 0	3 23	19 27	1 2	5 7	2 35	14 32	0 43	20 5	1 29	9 26	17 2	23 12	23 4	4 15	5 14	2 5
T 13	20 58	15 34	3 41	18 37	3 41	6 16	0 19	25 58	3 22	19 29	1 2	5 7	2 35	14 31	0 43	20 5	1 29	9 26	17 3	23 11	23 4	4 18	5 14	2 5
F 14	20 46	10 48	4 29	18 47	3 39	5 46	0 25	25 57	3 21	19 32	1 2	5 7	2 35	14 30	0 43	20 5	1 29	9 27	17 3	23 11	23 4	4 20	5 15	2 5
S 15	20 34	5 24	4 59	18 57	3 36	5 17	0 31	25 56	3 20	19 34	1 2	5 7	2 35	14 29	0 43	20 5	1 29	9 27	17 4	23 10	23 3	4 23	5 15	2 5
S 16	20 21	0s18	5 10	19 8	3 30	4 48	0 37	25 55	3 20	19 36	1 2	5 7	2 36	14 28	0 43	20 5	1 29	9 28	17 4	23 10	23 3	4 25	5 16	2 5
M17	20 8	5 57	5 0	19 20	3 23	4 18	0 43	25 54	3 19	19 38	1 2	5 7	2 36	14 26	0 43	20 5	1 28	9 28	17 5	23 9	23 3	4 28	5 17	2 4
T 18	19 55	11 12	4 32	19 32	3 15	3 49	0 50	25 53	3 18	19 40	1 2	5 7	2 36	14 25	0 43	20 4	1 28	9 29	17 5	23 9	23 2	4 30	5 17	2 4
W19	19 41	15 45	3 48	19 44	3 6	3 20	0 56	25 52	3 17	19 42	1 3	5 7	2 36	14 24	0 43	20 4	1 28	9 29	17 6	23 9	23 2	4 33	5 18	2 4
T 20	19 27	19 23	2 51	19 55	2 56	2 51	1 3	25 51	3 16	19 44	1 3	5 7	2 37	14 23	0 43	20 4	1 28	9 30	17 6	23 9	23 2	4 35	5 18	2 4
F 21	19 12	21 51	1 45	20 7	2 45	2 21	1 10	25 51	3 15	19 47	1 3	5 7	2 37	14 22	0 43	20 4	1 28	9 30	17 7	23 9	23 2	4 38	5 19	2 4
S 22	18 57	23 3	0 35	20 18	2 34	1 52	1 17	25 50	3 14	19 49	1 3	5 7	2 37	14 21	0 43	20 4	1 28	9 31	17 8	23 9	23 1	4 40	5 20	2 4
S 23	18 42	22 56	0n36	20 29	2 22	1 23	1 24	25 49	3 13	19 51	1 3	5 7	2 38	14 20	0 43	20 4	1 28	9 32	17 8	23 9	23 1	4 43	5 20	2 3
M24	18 27	21 35	1 44	20 40	2 10	0 54	1 31	25 49	3 12	19 53	1 3	5 7	2 38	14 19	0 43	20 4	1 28	9 32	17 9	23 9	23 1	4 45	5 21	2 3
T 25	18 11	19 9	2 45	20 49	1 58	0 25	1 38	25 49	3 11	19 55	1 3	5 6	2 38	14 18	0 43	20 4	1 28	9 33	17 9	23 9	23 0	4 48	5 22	2 3
W26	17 55	15 50	3 37	20 59	1 46	0n 3	1 45	25 48	3 10	19 57	1 3	5 6	2 38	14 16	0 43	20 4	1 28	9 33	17 10	23 8	23 0	4 50	5 22	2 3
T 27	17 38	11 53	4 19	21 7	1 34	0 32	1 52	25 48	3 9	19 59	1 3	5 6	2 39	14 15	0 43	20 4	1 28	9 34	17 10	23 7	23 0	4 53	5 23	2 3
F 28	17 21	7 30	4 47	21 15	1 23	1 0	2 0	25 48	3 8	20 1	1 4	5 5	2 39	14 14	0 43	20 4	1 28	9 35	17 11	23 7	23 0	4 55	5 24	2 3
S 29	17 4	2 53	5 2	21 22	1 11	1 29	2 7	25 47	3 7	20 3	1 4	5 5	2 39	14 13	0 43	20 4	1 28	9 35	17 11	23 6	22 59	4 58	5 25	2 2
S 30	16 47	1n47	5 4	21 28	0 59	1 57	2 15	25 47	3 6	20 5	1 4	5 5	2 39	14 12	0 43	20 4	1 28	9 36	17 12	23 5	22 59	5 0	5 26	2 2
M31	16s29	6n21	4n52	21s33	0n48	2n25	2n23	25n47	3n 5	20n 7	1n 4	5s 4	2n40	14s11	0s43	20n 4	1s28	9n37	17n12	23s 4	22s59	5n 3	5n26	2n 2

Julian Day Number = 1993534.5, Delta T = 53m59s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'19, Lahiri = 6°23'19 Julian Calendar 1 Jan. 746 == Greg. Calendar 5 Jan. 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

FEBRUARY 746 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 57 4	15♒51'35	16♈34	19♉10	1♈26	14♊59	5°R 6	19°R 5	24♒23	6°R17	15°R47	18°R 0	17♐ 7	1♈18	9♈ 0	T 1
W 2	9 1 0	16°51'56	28°26	20° 4	2°16	15° 9	4♌59	19♎ 4	24°26	6♊16	15♎46	17♐56	17° 3	1°24	9° 2	W 2
T 3	9 4 57	17°52'15	10♋23	21° 0	3° 6	15°19	4°51	19° 3	24°29	6°16	15°46	17°54	17° 0	1°31	9° 5	T 3
F 4	9 8 53	18°52'31	22°32	22° 0	3°55	15°30	4°44	19° 2	24°33	6°16	15°45	17°D54	16°57	1°38	9° 7	F 4
S 5	9 12 50	19°52'46	4♊56	23° 2	4°42	15°42	4°36	19° 1	24°36	6°16	15°44	17°54	16°54	1°44	9°10	S 5
S 6	9 16 46	20°52'59	17°41	24° 6	5°29	15°54	4°29	19° 0	24°40	6°15	15°43	17°R55	16°51	1°51	9°13	S 6
M 7	9 20 43	21°53'10	0♋52	25°13	6°15	16° 7	4°21	18°58	24°43	6°15	15°43	17°54	16°47	1°58	9°15	M 7
T 8	9 24 40	22°53'18	14°31	26°22	7° 1	16°20	4°14	18°57	24°47	6°15	15°42	17°51	16°44	2° 5	9°18	T 8
W 9	9 28 36	23°53'24	28°38	27°33	7°45	16°34	4° 7	18°55	24°50	6°15	15°41	17°46	16°41	2°11	9°21	W 9
T 10	9 32 33	24°53'29	13♌12	28°46	8°27	16°48	4° 0	18°54	24°54	6°15	15°40	17°38	16°38	2°18	9°24	T 10
F 11	9 36 29	25°53'31	28° 5	0♒ 1	9° 9	17° 2	3°53	18°52	24°57	6°15	15°39	17°28	16°35	2°25	9°27	F 11
S 12	9 40 26	26°53'31	13♍10	1°17	9°50	17°17	3°46	18°50	25° 0	6°D15	15°38	17°17	16°32	2°31	9°29	S 12
S 13	9 44 22	27°53'29	28°16	2°35	10°30	17°33	3°40	18°48	25° 4	6°15	15°37	17° 7	16°28	2°38	9°32	S 13
M14	9 48 19	28°53'26	13♎13	3°55	11° 8	17°49	3°33	18°46	25° 7	6°15	15°36	16°59	16°25	2°45	9°35	M14
T 15	9 52 15	29°53'21	27°53	5°16	11°45	18° 5	3°27	18°44	25°11	6°15	15°35	16°53	16°22	2°52	9°38	T 15
W16	9 56 12	0♓53'14	12♏12	6°39	12°20	18°22	3°20	18°42	25°14	6°15	15°34	16°49	16°19	2°58	9°41	W16
T 17	10 0 8	1°53'05	26° 8	8° 3	12°55	18°40	3°14	18°39	25°18	6°15	15°33	16°48	16°16	3° 5	9°44	T 17
F 18	10 4 5	2°52'55	9♐41	9°29	13°28	18°57	3° 8	18°37	25°21	6°15	15°32	16°48	16°12	3°12	9°48	F 18
S 19	10 8 2	3°52'43	22°53	10°56	13°59	19°15	3° 2	18°35	25°25	6°16	15°31	16°48	16° 9	3°18	9°51	S 19
S 20	10 11 58	4°52'30	5♑48	12°24	14°29	19°34	2°56	18°32	25°28	6°16	15°30	16°47	16° 6	3°25	9°54	S 20
M21	10 15 55	5°52'14	18°28	13°53	14°57	19°53	2°50	18°29	25°31	6°16	15°29	16°43	16° 3	3°32	9°57	M21
T 22	10 19 51	6°51'57	0♒57	15°24	15°24	20°12	2°45	18°27	25°35	6°17	15°28	16°37	16° 0	3°39	10° 0	T 22
W23	10 23 48	7°51'38	13°16	16°57	15°49	20°32	2°40	18°24	25°38	6°17	15°26	16°27	15°57	3°45	10° 4	W23
T 24	10 27 44	8°51'16	25°27	18°30	16°12	20°52	2°34	18°21	25°42	6°17	15°25	16°15	15°53	3°52	10° 7	T 24
F 25	10 31 41	9°50'53	7♓31	20° 5	16°33	21°12	2°29	18°18	25°45	6°18	15°24	16° 1	15°50	3°59	10°10	F 25
S 26	10 35 37	10°50'27	19°30	21°41	16°52	21°33	2°24	18°15	25°48	6°18	15°22	15°47	15°47	4° 5	10°13	S 26
S 27	10 39 34	11°50'00	1♈24	23°18	17°10	21°54	2°19	18°12	25°52	6°19	15°21	15°32	15°44	4°12	10°17	S 27
M28	10 43 31	12♓49'30	13♈15	24♒57	17♈25	22♊15	2♌15	18♎ 8	25♒55	6♊19	15♎20	15♐20	15♐41	4♈19	10♈20	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s11	10n41	4n28	21s37	0n37	2n52	2n31	25n47	3n 4	20n 9	1n 4	5s 4	2n40	14s10	0s43	20n 4	1s28	9n37	17n13	23s 3	22s58	5n 5	5n27	2n 2
W 2	15 53	14 36	3 53	21 39	0 26	3 20	2 38	25 47	3 2	20 11	1 4	5 3	2 40	14 8	0 43	20 4	1 28	9 38	17 13	23 3	22 58	5 8	5 28	2 2
T 3	15 35	17 59	3 6	21 41	0 16	3 47	2 46	25 47	3 1	20 13	1 4	5 2	2 40	14 7	0 43	20 4	1 28	9 39	17 14	23 3	22 58	5 10	5 29	2 2
F 4	15 16	20 38	2 11	21 42	0 6	4 14	2 54	25 48	3 0	20 15	1 4	5 2	2 41	14 6	0 43	20 4	1 28	9 39	17 14	23 3	22 57	5 13	5 30	2 2
S 5	14 57	22 23	1 9	21 42	0s 4	4 40	3 3	25 48	2 59	20 17	1 4	5 1	2 41	14 5	0 43	20 4	1 27	9 40	17 15	23 3	22 57	5 15	5 31	2 1
S 6	14 38	23 3	0 1	21 40	0 14	5 7	3 11	25 48	2 58	20 18	1 4	5 0	2 41	14 4	0 43	20 4	1 27	9 41	17 15	23 3	22 57	5 18	5 32	2 1
M 7	14 18	22 27	1s 9	21 37	0 23	5 32	3 19	25 48	2 57	20 20	1 4	5 0	2 41	14 3	0 43	20 4	1 27	9 42	17 16	23 3	22 56	5 20	5 33	2 1
T 8	13 59	20 32	2 17	21 33	0 32	5 58	3 27	25 49	2 56	20 22	1 4	4 59	2 42	14 1	0 43	20 4	1 27	9 42	17 16	23 2	22 56	5 23	5 34	2 1
W 9	13 39	17 20	3 19	21 27	0 41	6 23	3 36	25 49	2 55	20 24	1 4	4 58	2 42	14 0	0 43	20 4	1 27	9 43	17 17	23 2	22 56	5 25	5 35	2 1
T 10	13 19	12 59	4 10	21 21	0 49	6 48	3 44	25 49	2 54	20 25	1 4	4 57	2 42	13 59	0 43	20 4	1 27	9 44	17 17	23 1	22 55	5 28	5 36	2 1
F 11	12 58	7 46	4 45	21 13	0 57	7 12	3 52	25 50	2 53	20 27	1 4	4 56	2 42	13 58	0 43	20 4	1 27	9 45	17 18	23 0	22 55	5 30	5 37	2 1
S 12	12 38	2 1	5 1	21 3	1 5	7 36	4 1	25 50	2 52	20 29	1 4	4 55	2 43	13 57	0 43	20 4	1 27	9 45	17 18	22 59	22 55	5 33	5 38	2 0
S 13	12 17	3s50	4 56	20 53	1 12	8 0	4 9	25 51	2 50	20 30	1 4	4 54	2 43	13 56	0 43	20 4	1 27	9 46	17 18	22 58	22 54	5 35	5 39	2 0
M14	11 56	9 24	4 31	20 41	1 19	8 23	4 18	25 51	2 49	20 32	1 4	4 53	2 43	13 54	0 43	20 4	1 27	9 47	17 19	22 58	22 54	5 37	5 40	2 0
T 15	11 35	14 21	3 49	20 27	1 25	8 45	4 27	25 51	2 48	20 34	1 4	4 52	2 43	13 53	0 43	20 4	1 27	9 48	17 19	22 57	22 54	5 40	5 41	2 0
W16	11 14	18 20	2 52	20 12	1 31	9 7	4 35	25 52	2 47	20 35	1 4	4 51	2 44	13 52	0 43	20 4	1 27	9 48	17 20	22 57	22 54	5 42	5 42	2 0
T 17	10 53	21 9	1 47	19 56	1 37	9 29	4 44	25 52	2 46	20 36	1 4	4 50	2 44	13 51	0 43	20 4	1 27	9 49	17 20	22 56	22 53	5 45	5 43	2 0
F 18	10 31	22 40	0 38	19 39	1 42	9 50	4 52	25 53	2 45	20 38	1 4	4 49	2 44	13 50	0 43	20 4	1 27	9 50	17 20	22 56	22 53	5 47	5 44	2 0
S 19	10 9	22 52	0n32	19 19	1 47	10 10	5 1	25 53	2 44	20 39	1 4	4 48	2 44	13 49	0 43	20 5	1 27	9 51	17 21	22 56	22 53	5 50	5 45	1 59
S 20	9 47	21 50	1 39	18 59	1 52	10 30	5 10	25 54	2 43	20 41	1 4	4 47	2 44	13 48	0 43	20 5	1 27	9 52	17 21	22 56	22 52	5 52	5 46	1 59
M21	9 25	19 41	2 39	18 37	1 56	10 49	5 18	25 54	2 42	20 42	1 4	4 46	2 45	13 46	0 43	20 5	1 27	9 52	17 22	22 56	22 52	5 55	5 47	1 59
T 22	9 3	16 39	3 31	18 14	2 0	11 7	5 27	25 55	2 41	20 43	1 4	4 44	2 45	13 45	0 43	20 5	1 26	9 53	17 22	22 55	22 52	5 57	5 49	1 59
W23	8 41	12 56	4 11	17 49	2 3	11 24	5 35	25 55	2 40	20 44	1 4	4 43	2 45	13 44	0 43	20 5	1 26	9 54	17 22	22 54	22 51	6 0	5 50	1 59
T 24	8 18	8 44	4 40	17 23	2 6	11 41	5 44	25 56	2 39	20 46	1 4	4 42	2 45	13 43	0 43	20 5	1 26	9 55	17 23	22 53	22 51	6 2	5 51	1 59
F 25	7 56	4 14	4 56	16 55	2 8	11 57	5 52	25 56	2 38	20 47	1 4	4 40	2 45	13 42	0 43	20 5	1 26	9 55	17 23	22 52	22 51	6 4	5 52	1 59
S 26	7 33	0n23	4 59	16 26	2 11	12 12	6 0	25 56	2 37	20 48	1 4	4 39	2 46	13 41	0 43	20 5	1 26	9 56	17 23	22 50	22 50	6 7	5 53	1 59
S 27	7 10	4 58	4 48	15 55	2 12	12 26	6 8	25 57	2 36	20 49	1 4	4 38	2 46	13 40	0 43	20 6	1 26	9 57	17 24	22 49	22 50	6 9	5 55	1 58
M28	6s47	9n20	4n25	15s23	2s13	12n40	6n16	25n57	2n35	20n50	1n 4	4s36	2n46	13s38	0s43	20n 6	1s26	9n58	17n24	22s47	22s50	6n12	5n56	1n58

Julian Day Number = 1993565.5, Delta T = 53m58s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'23, Lahiri = 6°23'24 Julian Calendar 1 Feb. 746 == Greg. Calendar 5 Feb. 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

MARCH 746 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 47 27	13♓48'58	25♈ 5	26♒37	17♈38	22♊37	2°R10	18°R 5	25♒58	6♊20	15°R18	15°R10	15♐38	4♈26	10♈24	T 1
W 2	10 51 24	14°48'24	6♉57	28°18	17°49	22°59	2♌ 6	18♎ 2	26° 2	6°20	15♎17	15♐ 3	15°34	4°32	10°27	W 2
T 3	10 55 20	15°47'47	18°54	0♓ 1	17°58	23°21	2° 2	17°58	26° 5	6°21	15°16	14°58	15°31	4°39	10°30	T 3
F 4	10 59 17	16°47'08	1♊ 1	1°45	18° 5	23°44	1°58	17°55	26° 8	6°22	15°14	14°57	15°28	4°46	10°34	F 4
S 5	11 3 13	17°46'27	13°21	3°30	18° 9	24° 7	1°54	17°51	26°11	6°22	15°13	14°56	15°25	4°52	10°37	S 5
S 6	11 7 10	18°45'44	26° 2	5°17	18°R11	24°30	1°51	17°48	26°15	6°23	15°11	14°56	15°22	4°59	10°41	S 6
M 7	11 11 6	19°44'58	9♋ 7	7° 4	18°11	24°53	1°47	17°44	26°18	6°24	15°10	14°55	15°18	5° 6	10°44	M 7
T 8	11 15 3	20°44'10	22°40	8°54	18° 8	25°17	1°44	17°40	26°21	6°25	15° 8	14°52	15°15	5°13	10°48	T 8
W 9	11 19 0	21°43'19	6♌43	10°44	18° 2	25°41	1°41	17°36	26°24	6°25	15° 7	14°47	15°12	5°19	10°51	W 9
T 10	11 22 56	22°42'26	21°16	12°36	17°54	26° 5	1°38	17°33	26°28	6°26	15° 5	14°39	15° 9	5°26	10°55	T 10
F 11	11 26 53	23°41'30	6♍13	14°30	17°44	26°30	1°36	17°29	26°31	6°27	15° 4	14°29	15° 6	5°33	10°58	F 11
S 12	11 30 49	24°40'33	21°27	16°24	17°31	26°54	1°33	17°25	26°34	6°28	15° 2	14°18	15° 3	5°39	11° 2	S 12
S 13	11 34 46	25°39'33	6♎47	18°21	17°15	27°19	1°31	17°21	26°37	6°29	15° 1	14° 7	14°59	5°46	11° 6	S 13
M14	11 38 42	26°38'31	22° 1	20°18	16°58	27°45	1°29	17°17	26°40	6°30	14°59	13°58	14°56	5°53	11° 9	M14
T 15	11 42 39	27°37'27	6♏59	22°17	16°37	28°10	1°27	17°13	26°43	6°31	14°58	13°52	14°53	6° 0	11°13	T 15
W16	11 46 35	28°36'22	21°34	24°17	16°15	28°36	1°25	17° 8	26°46	6°32	14°56	13°48	14°50	6° 6	11°17	W16
T 17	11 50 32	29°35'14	5♐42	26°18	15°50	29° 2	1°23	17° 4	26°49	6°33	14°54	13°46	14°47	6°13	11°20	T 17
F 18	11 54 28	0♈34'05	19°22	28°21	15°23	29°28	1°22	17° 0	26°52	6°34	14°53	13°D46	14°44	6°20	11°24	F 18
S 19	11 58 25	1°32'55	2♑37	0♈24	14°55	29°54	1°21	16°56	26°55	6°35	14°51	13°R46	14°40	6°26	11°28	S 19
S 20	12 2 22	2°31'42	15°29	2°29	14°24	0♋21	1°20	16°51	26°58	6°37	14°50	13°45	14°37	6°33	11°31	S 20
M21	12 6 18	3°30'28	28° 3	4°34	13°52	0°47	1°19	16°47	27° 1	6°38	14°48	13°43	14°34	6°40	11°35	M21
T 22	12 10 15	4°29'11	10♒23	6°40	13°18	1°14	1°18	16°43	27° 4	6°39	14°46	13°38	14°31	6°47	11°39	T 22
W23	12 14 11	5°27'53	22°33	8°46	12°43	1°41	1°18	16°38	27° 7	6°40	14°45	13°30	14°28	6°53	11°42	W23
T 24	12 18 8	6°26'33	4♓34	10°53	12° 7	2° 9	1°18	16°34	27°10	6°42	14°43	13°20	14°24	7° 0	11°46	T 24
F 25	12 22 4	7°25'12	16°31	12°59	11°30	2°36	1°D17	16°29	27°13	6°43	14°41	13° 8	14°21	7° 7	11°50	F 25
S 26	12 26 1	8°23'48	28°24	15° 6	10°53	3° 4	1°18	16°25	27°15	6°44	14°40	12°55	14°18	7°13	11°53	S 26
S 27	12 29 57	9°22'22	10♈15	17°11	10°15	3°32	1°18	16°20	27°18	6°46	14°38	12°43	14°15	7°20	11°57	S 27
M28	12 33 54	10°20'55	22° 6	19°16	9°37	4° 0	1°18	16°16	27°21	6°47	14°36	12°32	14°12	7°27	12° 1	M28
T 29	12 37 51	11°19'25	3♉58	21°20	8°59	4°28	1°19	16°11	27°24	6°48	14°34	12°24	14° 9	7°34	12° 5	T 29
W30	12 41 47	12°17'53	15°54	23°22	8°22	4°57	1°20	16° 7	27°26	6°50	14°33	12°18	14° 5	7°40	12° 8	W30
T 31	12 45 44	13♈16'20	27♉56	25♈22	7♈45	5♋25	1♌21	16♎ 2	27♒29	6♊51	14♎31	12♐15	14♐ 2	7♈47	12♈12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s24	13n21	3n51	14s50	2s14	12n52	6n24	25n57	2n34	20n51	1n 4	4s35	2n46	13s37	0s43	20n 6	1s26	9n59	17n24	22s46	22s49	6n14	5n57	1n58
W 2	6 1	16 51	3 6	14 15	2 14	13 3	6 32	25 57	2 33	20 52	1 4	4 33	2 46	13 36	0 43	20 6	1 26	9 59	17 25	22 45	22 49	6 17	5 58	1 58
T 3	5 38	19 41	2 13	13 38	2 14	13 14	6 39	25 58	2 32	20 53	1 4	4 32	2 46	13 35	0 43	20 6	1 26	10 0	17 25	22 45	22 48	6 19	6 0	1 58
F 4	5 15	21 41	1 13	13 0	2 14	13 23	6 46	25 58	2 31	20 54	1 4	4 31	2 47	13 34	0 43	20 6	1 26	10 1	17 25	22 45	22 48	6 21	6 1	1 58
S 5	4 52	22 42	0 8	12 21	2 13	13 31	6 53	25 58	2 30	20 54	1 4	4 29	2 47	13 33	0 43	20 7	1 26	10 2	17 25	22 45	22 48	6 24	6 2	1 58
S 6	4 29	22 34	0s58	11 40	2 11	13 38	7 0	25 58	2 29	20 55	1 4	4 27	2 47	13 32	0 43	20 7	1 26	10 3	17 26	22 45	22 47	6 26	6 3	1 58
M 7	4 5	21 13	2 4	10 58	2 9	13 43	7 6	25 58	2 28	20 56	1 4	4 26	2 47	13 31	0 43	20 7	1 26	10 3	17 26	22 44	22 47	6 29	6 5	1 58
T 8	3 42	18 38	3 5	10 14	2 6	13 48	7 12	25 58	2 27	20 56	1 4	4 24	2 47	13 30	0 43	20 7	1 26	10 4	17 26	22 44	22 47	6 31	6 6	1 57
W 9	3 18	14 53	3 57	9 29	2 3	13 50	7 17	25 58	2 26	20 57	1 4	4 23	2 47	13 28	0 43	20 7	1 26	10 5	17 26	22 44	22 46	6 33	6 7	1 57
T 10	2 55	10 9	4 36	8 43	1 59	13 52	7 22	25 57	2 25	20 58	1 3	4 21	2 47	13 27	0 43	20 7	1 26	10 6	17 27	22 43	22 46	6 36	6 9	1 57
F 11	2 31	4 41	4 58	7 55	1 55	13 52	7 27	25 57	2 24	20 58	1 3	4 20	2 48	13 26	0 43	20 8	1 26	10 6	17 27	22 41	22 46	6 38	6 10	1 57
S 12	2 8	1s 9	4 58	7 6	1 51	13 51	7 31	25 57	2 23	20 59	1 3	4 18	2 48	13 25	0 43	20 8	1 25	10 7	17 27	22 40	22 45	6 41	6 11	1 57
S 13	1 44	6 57	4 38	6 15	1 45	13 48	7 35	25 57	2 22	20 59	1 3	4 16	2 48	13 24	0 43	20 8	1 25	10 8	17 27	22 39	22 45	6 43	6 13	1 57
M14	1 21	12 18	3 58	5 23	1 40	13 44	7 38	25 56	2 21	21 0	1 3	4 15	2 48	13 23	0 43	20 8	1 25	10 9	17 28	22 38	22 45	6 45	6 14	1 57
T 15	0 57	16 47	3 1	4 31	1 33	13 38	7 40	25 56	2 20	21 0	1 3	4 13	2 48	13 22	0 43	20 9	1 25	10 10	17 28	22 37	22 44	6 48	6 15	1 57
W16	0 33	20 7	1 55	3 36	1 26	13 31	7 42	25 55	2 19	21 0	1 3	4 11	2 48	13 21	0 43	20 9	1 25	10 10	17 28	22 37	22 44	6 50	6 17	1 57
T 17	0 10	22 6	0 43	2 41	1 19	13 22	7 43	25 54	2 18	21 0	1 3	4 10	2 48	13 20	0 43	20 9	1 25	10 11	17 28	22 36	22 44	6 53	6 18	1 57
F 18	0n14	22 41	0n30	1 45	1 11	13 12	7 43	25 54	2 18	21 1	1 3	4 8	2 48	13 19	0 43	20 9	1 25	10 12	17 28	22 36	22 43	6 55	6 19	1 57
S 19	0 37	21 56	1 38	0 48	1 3	13 0	7 42	25 53	2 17	21 1	1 3	4 6	2 48	13 18	0 43	20 9	1 25	10 12	17 28	22 36	22 43	6 57	6 21	1 56
S 20	1 1	20 3	2 40	0n10	0 54	12 46	7 41	25 52	2 16	21 1	1 3	4 4	2 49	13 17	0 43	20 10	1 25	10 13	17 28	22 36	22 42	7 0	6 22	1 56
M21	1 24	17 14	3 32	1 8	0 45	12 32	7 38	25 51	2 15	21 1	1 3	4 3	2 49	13 16	0 43	20 10	1 25	10 14	17 29	22 36	22 42	7 2	6 24	1 56
T 22	1 48	13 41	4 13	2 7	0 35	12 16	7 35	25 50	2 14	21 1	1 3	4 1	2 49	13 15	0 43	20 10	1 25	10 15	17 29	22 35	22 42	7 5	6 25	1 56
W23	2 11	9 38	4 42	3 7	0 25	11 58	7 32	25 48	2 13	21 1	1 2	3 59	2 49	13 14	0 43	20 11	1 25	10 15	17 29	22 34	22 41	7 7	6 26	1 56
T 24	2 34	5 16	4 59	4 6	0 15	11 40	7 27	25 47	2 12	21 1	1 2	3 57	2 49	13 13	0 43	20 11	1 25	10 16	17 29	22 33	22 41	7 9	6 28	1 56
F 25	2 58	0 44	5 2	5 6	0 4	11 20	7 21	25 46	2 11	21 1	1 2	3 56	2 49	13 12	0 43	20 11	1 25	10 17	17 29	22 32	22 41	7 12	6 29	1 56
S 26	3 21	3n48	4 51	6 5	0n 7	10 59	7 15	25 44	2 10	21 1	1 2	3 54	2 49	13 11	0 44	20 11	1 25	10 17	17 29	22 30	22 40	7 14	6 30	1 56
S 27	3 44	8 12	4 29	7 4	0 18	10 37	7 7	25 43	2 10	21 1	1 2	3 52	2 49	13 10	0 44	20 12	1 25	10 18	17 29	22 29	22 40	7 16	6 32	1 56
M28	4 7	12 17	3 54	8 2	0 29	10 15	6 59	25 41	2 9	21 1	1 2	3 50	2 49	13 9	0 44	20 12	1 25	10 19	17 29	22 27	22 39	7 19	6 33	1 56
T 29	4 31	15 53	3 9	8 59	0 40	9 52	6 50	25 39	2 8	21 0	1 2	3 49	2 49	13 8	0 44	20 12	1 25	10 19	17 29	22 26	22 39	7 21	6 35	1 56
W30	4 54	18 52	2 16	9 55	0 51	9 28	6 41	25 37	2 7	21 0	1 2	3 47	2 49	13 7	0 44	20 12	1 25	10 20	17 29	22 25	22 39	7 23	6 36	1 56
T 31	5n16	21n 4	1n16	10n50	1n 2	9n 4	6n31	25n35	2n 6	21n 0	1n 2	3s45	2n49	13s 7	0s44	20n13	1s25	10n21	17n29	22s25	22s38	7n26	6n37	1n56

Julian Day Number = 1993593.5, Delta T = 53m57s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'27, Lahiri = 6°23'28 Julian Calendar 1 March 746 == Greg. Calendar 5 March 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

APRIL 746 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 49 40	14♈14'44	10♊ 6	27♈20	7°R 9	5♋54	1♌22	15°R58	27♒32	6♊53	14°R29	12°D13	13♐59	7♈54	12♈16	F 1
S 2	12 53 37	15°13'06	22°30	29°16	6♈34	6°23	1°24	15♎53	27°34	6°54	14♎28	12♐14	13°56	8° 0	12°19	S 2
S 3	12 57 33	16°11'26	5♋10	1♉ 8	6° 1	6°52	1°25	15°49	27°37	6°56	14°26	12°15	13°53	8° 7	12°23	S 3
M 4	13 1 30	17° 9'44	18°12	2°58	5°29	7°21	1°27	15°44	27°39	6°57	14°24	12°R15	13°49	8°14	12°27	M 4
T 5	13 5 26	18° 8'00	1♌38	4°44	4°58	7°50	1°29	15°40	27°42	6°59	14°23	12°14	13°46	8°21	12°31	T 5
W 6	13 9 23	19° 6'13	15°32	6°27	4°30	8°20	1°31	15°35	27°44	7° 1	14°21	12°11	13°43	8°27	12°34	W 6
T 7	13 13 20	20° 4'25	29°54	8° 7	4° 3	8°50	1°33	15°31	27°47	7° 2	14°19	12° 7	13°40	8°34	12°38	T 7
F 8	13 17 16	21° 2'34	14♍40	9°42	3°38	9°19	1°36	15°26	27°49	7° 4	14°18	12° 0	13°37	8°41	12°42	F 8
S 9	13 21 13	22° 0'41	29°46	11°14	3°16	9°49	1°39	15°22	27°51	7° 6	14°16	11°53	13°34	8°47	12°45	S 9
S 10	13 25 9	22°58'47	15♎ 2	12°42	2°56	10°19	1°41	15°17	27°54	7° 7	14°14	11°45	13°30	8°54	12°49	S 10
M11	13 29 6	23°56'51	0♏17	14° 5	2°38	10°50	1°44	15°13	27°56	7° 9	14°13	11°39	13°27	9° 1	12°53	M11
T 12	13 33 2	24°54'53	15°20	15°25	2°23	11°20	1°48	15° 8	27°58	7°11	14°11	11°35	13°24	9° 8	12°56	T 12
W13	13 36 59	25°52'53	0♐ 4	16°40	2°10	11°50	1°51	15° 4	28° 0	7°12	14° 9	11°32	13°21	9°14	13° 0	W13
T 14	13 40 55	26°50'52	14°22	17°50	1°59	12°21	1°54	14°59	28° 3	7°14	14° 8	11°D32	13°18	9°21	13° 4	T 14
F 15	13 44 52	27°48'50	28°12	18°57	1°51	12°52	1°58	14°55	28° 5	7°16	14° 6	11°33	13°15	9°28	13° 7	F 15
S 16	13 48 49	28°46'46	11♑34	19°59	1°46	13°22	2° 2	14°51	28° 7	7°18	14° 4	11°34	13°11	9°34	13°11	S 16
S 17	13 52 45	29°44'41	24°32	20°56	1°43	13°53	2° 6	14°46	28° 9	7°20	14° 3	11°R35	13° 8	9°41	13°14	S 17
M18	13 56 42	0♒42'35	7♒ 8	21°49	1°D42	14°24	2°10	14°42	28°11	7°22	14° 1	11°35	13° 5	9°48	13°18	M18
T 19	14 0 38	1°40'27	19°27	22°37	1°44	14°56	2°15	14°38	28°13	7°23	13°59	11°33	13° 2	9°54	13°22	T 19
W20	14 4 35	2°38'18	1♓33	23°20	1°47	15°27	2°19	14°34	28°15	7°25	13°58	11°30	12°59	10° 1	13°25	W20
T 21	14 8 31	3°36'07	13°31	23°58	1°54	15°58	2°24	14°29	28°17	7°27	13°56	11°25	12°55	10° 8	13°29	T 21
F 22	14 12 28	4°33'56	25°24	24°32	2° 2	16°30	2°29	14°25	28°18	7°29	13°55	11°19	12°52	10°15	13°32	F 22
S 23	14 16 24	5°31'43	7♈15	25° 1	2°13	17° 1	2°34	14°21	28°20	7°31	13°53	11°12	12°49	10°21	13°36	S 23
S 24	14 20 21	6°29'28	19° 6	25°24	2°25	17°33	2°39	14°17	28°22	7°33	13°52	11° 6	12°46	10°28	13°39	S 24
M25	14 24 17	7°27'13	0♉59	25°43	2°40	18° 5	2°44	14°13	28°24	7°35	13°50	11° 0	12°43	10°35	13°43	M25
T 26	14 28 14	8°24'56	12°57	25°57	2°56	18°37	2°49	14° 9	28°25	7°37	13°49	10°56	12°40	10°41	13°46	T 26
W27	14 32 11	9°22'37	25° 1	26° 6	3°15	19° 9	2°55	14° 5	28°27	7°39	13°47	10°53	12°36	10°48	13°50	W27
T 28	14 36 7	10°20'17	7♊13	26°R11	3°35	19°41	3° 1	14° 1	28°29	7°41	13°46	10°D52	12°33	10°55	13°53	T 28
F 29	14 40 4	11°17'56	19°35	26°10	3°57	20°13	3° 7	13°58	28°30	7°43	13°44	10°52	12°30	11° 2	13°57	F 29
S 30	14 44 0	12♉15'34	2♋ 9	26♉ 5	4♈21	20♋46	3♌13	13♎54	28♒32	7♊45	13♎43	10♐54	12♐27	11♈ 8	14♈ 0	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n39	22n18	0n11	11n43	1n12	8n40	6n20	25n33	2n 5	20n59	1n 2	3s43	2n49	13s 6	0s44	20n13	1s24	10n21	17n29	22s25	22s38	7n28	6n39	1n56
S 2	6 2	22 28	0s55	12 34	1 23	8 15	6 8	25 31	2 5	20 59	1 1	3 42	2 49	13 5	0 44	20 13	1 24	10 22	17 29	22 25	22 38	7 30	6 40	1 55
S 3	6 25	21 30	2 0	13 23	1 33	7 51	5 56	25 29	2 4	20 58	1 1	3 40	2 49	13 4	0 44	20 14	1 24	10 23	17 29	22 25	22 37	7 33	6 42	1 55
M 4	6 47	19 22	3 1	14 11	1 42	7 26	5 44	25 26	2 3	20 58	1 1	3 38	2 49	13 3	0 44	20 14	1 24	10 23	17 29	22 25	22 37	7 35	6 43	1 55
T 5	7 9	16 8	3 53	14 56	1 51	7 2	5 31	25 24	2 2	20 57	1 1	3 36	2 49	13 2	0 44	20 14	1 24	10 24	17 29	22 25	22 36	7 37	6 45	1 55
W 6	7 32	11 55	4 34	15 38	1 59	6 39	5 18	25 21	2 1	20 57	1 1	3 35	2 49	13 1	0 44	20 15	1 24	10 24	17 29	22 24	22 36	7 40	6 46	1 55
T 7	7 54	6 54	5 0	16 18	2 7	6 16	5 4	25 18	2 0	20 56	1 1	3 33	2 49	13 1	0 44	20 15	1 24	10 25	17 29	22 24	22 36	7 42	6 47	1 55
F 8	8 16	1 22	5 6	16 56	2 14	5 54	4 50	25 16	2 0	20 56	1 1	3 31	2 49	13 0	0 44	20 15	1 24	10 26	17 29	22 23	22 35	7 44	6 49	1 55
S 9	8 38	4s22	4 52	17 31	2 20	5 32	4 37	25 12	1 59	20 55	1 1	3 29	2 49	12 59	0 44	20 15	1 24	10 26	17 29	22 22	22 35	7 47	6 50	1 55
S 10	9 0	9 54	4 17	18 4	2 26	5 11	4 23	25 9	1 58	20 54	1 1	3 28	2 49	12 58	0 44	20 16	1 24	10 27	17 29	22 21	22 34	7 49	6 52	1 55
M11	9 21	14 49	3 24	18 34	2 30	4 51	4 9	25 6	1 57	20 53	1 1	3 26	2 49	12 58	0 44	20 16	1 24	10 27	17 28	22 20	22 34	7 51	6 53	1 55
T 12	9 43	18 43	2 17	19 1	2 34	4 32	3 55	25 3	1 56	20 53	1 0	3 24	2 49	12 57	0 44	20 16	1 24	10 28	17 28	22 19	22 34	7 54	6 54	1 55
W13	10 4	21 18	1 2	19 26	2 37	4 14	3 41	24 59	1 56	20 52	1 0	3 23	2 49	12 56	0 44	20 17	1 24	10 28	17 28	22 19	22 33	7 56	6 56	1 55
T 14	10 25	22 25	0n15	19 49	2 39	3 57	3 27	24 56	1 55	20 51	1 0	3 21	2 49	12 55	0 44	20 17	1 24	10 29	17 28	22 19	22 33	7 58	6 57	1 55
F 15	10 46	22 6	1 29	20 8	2 40	3 41	3 13	24 52	1 54	20 50	1 0	3 19	2 49	12 55	0 44	20 17	1 24	10 29	17 28	22 19	22 33	8 1	6 59	1 55
S 16	11 7	20 31	2 35	20 26	2 40	3 26	2 59	24 48	1 53	20 49	1 0	3 18	2 49	12 54	0 44	20 18	1 24	10 30	17 28	22 19	22 32	8 3	7 0	1 55
S 17	11 27	17 53	3 32	20 40	2 40	3 13	2 46	24 44	1 52	20 48	1 0	3 16	2 48	12 53	0 44	20 18	1 24	10 30	17 28	22 19	22 32	8 5	7 1	1 55
M18	11 48	14 29	4 16	20 53	2 38	3 0	2 32	24 40	1 52	20 47	1 0	3 15	2 48	12 53	0 44	20 18	1 24	10 30	17 27	22 19	22 31	8 8	7 3	1 55
T 19	12 8	10 32	4 48	21 2	2 35	2 49	2 19	24 36	1 51	20 46	1 0	3 13	2 48	12 52	0 44	20 19	1 24	10 31	17 27	22 19	22 31	8 10	7 4	1 55
W20	12 28	6 14	5 6	21 10	2 31	2 39	2 6	24 31	1 50	20 45	1 0	3 12	2 48	12 51	0 44	20 19	1 24	10 31	17 27	22 19	22 31	8 12	7 5	1 55
T 21	12 48	1 45	5 10	21 15	2 26	2 30	1 54	24 27	1 49	20 44	1 0	3 10	2 48	12 51	0 44	20 20	1 24	10 32	17 27	22 18	22 30	8 15	7 7	1 55
F 22	13 8	2n46	5 1	21 17	2 20	2 22	1 41	24 22	1 49	20 42	1 0	3 9	2 48	12 50	0 44	20 20	1 24	10 32	17 27	22 17	22 30	8 17	7 8	1 55
S 23	13 27	7 10	4 39	21 18	2 13	2 15	1 29	24 18	1 48	20 41	0 59	3 7	2 48	12 49	0 44	20 20	1 24	10 32	17 26	22 16	22 29	8 19	7 10	1 55
S 24	13 46	11 18	4 5	21 16	2 5	2 9	1 17	24 13	1 47	20 40	0 59	3 6	2 48	12 49	0 44	20 21	1 24	10 33	17 26	22 15	22 29	8 21	7 11	1 55
M25	14 5	15 1	3 20	21 11	1 56	2 4	1 6	24 8	1 46	20 38	0 59	3 4	2 48	12 48	0 44	20 21	1 24	10 33	17 26	22 15	22 28	8 24	7 12	1 55
T 26	14 24	18 9	2 27	21 5	1 46	2 1	0 55	24 2	1 46	20 37	0 59	3 3	2 48	12 48	0 44	20 21	1 24	10 33	17 26	22 14	22 28	8 26	7 14	1 55
W27	14 43	20 32	1 26	20 56	1 34	1 58	0 44	23 57	1 45	20 36	0 59	3 1	2 47	12 47	0 44	20 22	1 23	10 34	17 25	22 14	22 28	8 28	7 15	1 55
T 28	15 1	21 59	0 20	20 45	1 22	1 57	0 33	23 52	1 44	20 34	0 59	3 0	2 47	12 47	0 45	20 22	1 23	10 34	17 25	22 14	22 27	8 30	7 16	1 54
F 29	15 19	22 24	0s48	20 33	1 9	1 56	0 23	23 46	1 43	20 33	0 59	2 59	2 47	12 46	0 45	20 22	1 23	10 34	17 25	22 14	22 27	8 33	7 18	1 54
S 30	15n37	21n41	1s54	20n18	0n55	1n56	0n13	23n41	1n43	20n31	0n59	2s57	2n47	12s46	0s45	20n23	1s23	10n35	17n24	22s14	22s26	8n35	7n19	1n54

Julian Day Number = 1993624.5, Delta T = 53m57s
Ecliptic obliquity = 23°36'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'31, Lahiri = 6°23'32 Julian Calendar 1 Apr. 746 == Greg. Calendar 5 Apr. 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

MAY 746 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 47 57	13♉13'09	14♋58	25°R56	4♈46	21♋18	3♌19	13°R50	28♒33	7♊47	13°R41	10♐55	12♐24	11♈15	14♈ 3	S 1
M 2	14 51 53	14°10'44	28° 4	25♉42	5°13	21°51	3°25	13♎47	28°35	7°49	13♎40	10°57	12°21	11°22	14° 7	M 2
T 3	14 55 50	15° 8'17	11♌31	25°24	5°42	22°23	3°32	13°43	28°36	7°51	13°39	10°R57	12°17	11°28	14°10	T 3
W 4	14 59 46	16° 5'48	25°19	25° 3	6°12	22°56	3°38	13°40	28°37	7°53	13°37	10°57	12°14	11°35	14°13	W 4
T 5	15 3 43	17° 3'18	9♍28	24°38	6°43	23°29	3°45	13°36	28°39	7°56	13°36	10°56	12°11	11°42	14°17	T 5
F 6	15 7 40	18° 0'46	23°59	24°11	7°16	24° 2	3°52	13°33	28°40	7°58	13°35	10°54	12° 8	11°48	14°20	F 6
S 7	15 11 36	18°58'13	8♎45	23°41	7°50	24°35	3°59	13°30	28°41	8° 0	13°33	10°51	12° 5	11°55	14°23	S 7
S 8	15 15 33	19°55'39	23°42	23° 9	8°26	25° 8	4° 6	13°26	28°42	8° 2	13°32	10°48	12° 1	12° 2	14°26	S 8
M 9	15 19 29	20°53'03	8♏41	22°37	9° 2	25°41	4°13	13°23	28°43	8° 4	13°31	10°46	11°58	12° 9	14°29	M 9
T 10	15 23 26	21°50'27	23°34	22° 3	9°40	26°14	4°21	13°20	28°44	8° 6	13°29	10°44	11°55	12°15	14°32	T 10
W11	15 27 22	22°47'49	8♐12	21°29	10°19	26°48	4°28	13°17	28°45	8° 8	13°28	10°D44	11°52	12°22	14°36	W11
T 12	15 31 19	23°45'11	22°30	20°56	10°59	27°21	4°36	13°14	28°46	8°11	13°27	10°44	11°49	12°29	14°39	T 12
F 13	15 35 15	24°42'32	6♑24	20°24	11°40	27°55	4°44	13°11	28°47	8°13	13°26	10°45	11°46	12°35	14°42	F 13
S 14	15 39 12	25°39'52	19°52	19°53	12°22	28°28	4°51	13° 9	28°48	8°15	13°25	10°46	11°42	12°42	14°45	S 14
S 15	15 43 9	26°37'12	2♒55	19°25	13° 5	29° 2	4°59	13° 6	28°49	8°17	13°24	10°47	11°39	12°49	14°48	S 15
M16	15 47 5	27°34'31	15°36	18°59	13°49	29°36	5° 8	13° 3	28°49	8°19	13°23	10°48	11°36	12°56	14°51	M16
T 17	15 51 2	28°31'49	27°58	18°36	14°34	0♌10	5°16	13° 1	28°50	8°22	13°21	10°R48	11°33	13° 2	14°54	T 17
W18	15 54 58	29°29'07	10♓ 6	18°16	15°20	0°43	5°24	12°58	28°51	8°24	13°20	10°48	11°30	13° 9	14°57	W18
T 19	15 58 55	0♊26'24	22° 4	18° 0	16° 6	1°17	5°33	12°56	28°51	8°26	13°19	10°47	11°26	13°16	14°59	T 19
F 20	16 2 51	1°23'41	3♈56	17°48	16°54	1°51	5°41	12°54	28°52	8°28	13°18	10°46	11°23	13°22	15° 2	F 20
S 21	16 6 48	2°20'58	15°47	17°41	17°42	2°26	5°50	12°52	28°53	8°31	13°17	10°45	11°20	13°29	15° 5	S 21
S 22	16 10 44	3°18'14	27°40	17°D37	18°31	3° 0	5°59	12°50	28°53	8°33	13°17	10°44	11°17	13°36	15° 8	S 22
M23	16 14 41	4°15'29	9♉38	17°38	19°20	3°34	6° 8	12°48	28°53	8°35	13°16	10°43	11°14	13°42	15°10	M23
T 24	16 18 38	5°12'44	21°44	17°43	20°11	4° 8	6°17	12°46	28°54	8°37	13°15	10°43	11°11	13°49	15°13	T 24
W25	16 22 34	6° 9'59	3♊59	17°54	21° 2	4°43	6°26	12°44	28°54	8°39	13°14	10°42	11° 7	13°56	15°16	W25
T 26	16 26 31	7° 7'13	16°26	18° 8	21°53	5°17	6°35	12°42	28°54	8°42	13°13	10°D42	11° 4	14° 3	15°18	T 26
F 27	16 30 27	8° 4'27	29° 5	18°27	22°45	5°52	6°44	12°40	28°55	8°44	13°12	10°42	11° 1	14° 9	15°21	F 27
S 28	16 34 24	9° 1'40	11♋58	18°51	23°38	6°27	6°54	12°39	28°55	8°46	13°12	10°43	10°58	14°16	15°23	S 28
S 29	16 38 20	9°58'52	25° 4	19°20	24°31	7° 1	7° 3	12°37	28°55	8°48	13°11	10°43	10°55	14°23	15°26	S 29
M30	16 42 17	10°56'04	8♌25	19°53	25°25	7°36	7°13	12°36	28°55	8°51	13°10	10°R43	10°52	14°29	15°28	M30
T 31	16 46 14	11♊53'15	22♌ 1	20♉30	26♈19	8♌11	7♌23	12♎35	28°R55	8♊53	13♎ 9	10♐43	10♐48	14♈36	15♈31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n55	19n50	2s56	20n 1	0n40	1n58	0n 3	23n35	1n42	20n30	0n59	2s56	2n47	12s45	0s45	20n23	1s23	10n35	17n24	22s14	22s26	8n37	7n20	1n54
M 2	16 12	16 55	3 51	19 43	0 25	2 0	0s 6	23 29	1 41	20 28	0 59	2 55	2 47	12 45	0 45	20 23	1 23	10 35	17 24	22 14	22 26	8 40	7 21	1 54
T 3	16 29	13 3	4 34	19 23	0 9	2 3	0 15	23 23	1 41	20 27	0 58	2 54	2 47	12 44	0 45	20 24	1 23	10 35	17 23	22 14	22 25	8 42	7 23	1 54
W 4	16 46	8 25	5 3	19 2	0s 8	2 7	0 24	23 17	1 40	20 25	0 58	2 52	2 46	12 44	0 45	20 24	1 23	10 36	17 23	22 14	22 25	8 44	7 24	1 54
T 5	17 2	3 13	5 14	18 39	0 25	2 12	0 32	23 10	1 39	20 23	0 58	2 51	2 46	12 43	0 45	20 25	1 23	10 36	17 23	22 14	22 24	8 46	7 25	1 54
F 6	17 19	2s17	5 6	18 16	0 42	2 17	0 40	23 4	1 38	20 22	0 58	2 50	2 46	12 43	0 45	20 25	1 23	10 36	17 22	22 14	22 24	8 49	7 27	1 54
S 7	17 35	7 45	4 38	17 51	1 0	2 23	0 48	22 57	1 38	20 20	0 58	2 49	2 46	12 43	0 45	20 25	1 23	10 36	17 22	22 13	22 23	8 51	7 28	1 54
S 8	17 50	12 50	3 51	17 27	1 17	2 30	0 56	22 50	1 37	20 18	0 58	2 48	2 46	12 42	0 45	20 26	1 23	10 36	17 22	22 13	22 23	8 53	7 29	1 54
M 9	18 6	17 8	2 48	17 2	1 34	2 38	1 3	22 43	1 36	20 16	0 58	2 47	2 45	12 42	0 45	20 26	1 23	10 36	17 21	22 13	22 23	8 55	7 30	1 54
T 10	18 21	20 18	1 33	16 37	1 51	2 47	1 10	22 36	1 36	20 14	0 58	2 46	2 45	12 42	0 45	20 26	1 23	10 37	17 21	22 12	22 22	8 58	7 31	1 54
W11	18 36	22 3	0 14	16 13	2 7	2 56	1 17	22 29	1 35	20 12	0 58	2 45	2 45	12 41	0 45	20 27	1 23	10 37	17 21	22 12	22 22	9 0	7 33	1 54
T 12	18 50	22 19	1n 5	15 49	2 23	3 6	1 24	22 22	1 34	20 11	0 58	2 44	2 45	12 41	0 45	20 27	1 23	10 37	17 20	22 12	22 21	9 2	7 34	1 54
F 13	19 4	21 10	2 17	15 26	2 37	3 16	1 30	22 15	1 33	20 9	0 58	2 43	2 45	12 41	0 45	20 27	1 23	10 37	17 20	22 12	22 21	9 4	7 35	1 54
S 14	19 18	18 49	3 20	15 5	2 51	3 27	1 36	22 7	1 33	20 7	0 58	2 42	2 44	12 40	0 45	20 28	1 23	10 37	17 19	22 13	22 20	9 6	7 36	1 54
S 15	19 32	15 35	4 10	14 45	3 4	3 39	1 42	21 59	1 32	20 5	0 58	2 41	2 44	12 40	0 45	20 28	1 23	10 37	17 19	22 13	22 20	9 9	7 37	1 54
M16	19 45	11 42	4 46	14 27	3 15	3 51	1 47	21 52	1 31	20 3	0 57	2 40	2 44	12 40	0 45	20 29	1 23	10 37	17 18	22 13	22 20	9 11	7 39	1 54
T 17	19 58	7 26	5 9	14 11	3 26	4 3	1 52	21 44	1 31	20 0	0 57	2 40	2 44	12 40	0 45	20 29	1 23	10 37	17 18	22 13	22 19	9 13	7 40	1 54
W18	20 11	2 57	5 16	13 56	3 35	4 16	1 57	21 36	1 30	19 58	0 57	2 39	2 44	12 40	0 45	20 29	1 23	10 37	17 18	22 13	22 19	9 15	7 41	1 54
T 19	20 23	1n35	5 10	13 44	3 43	4 30	2 2	21 27	1 29	19 56	0 57	2 38	2 43	12 39	0 45	20 30	1 23	10 37	17 17	22 13	22 18	9 18	7 42	1 54
F 20	20 35	6 1	4 51	13 34	3 50	4 44	2 7	21 19	1 29	19 54	0 57	2 37	2 43	12 39	0 45	20 30	1 23	10 37	17 17	22 13	22 18	9 20	7 43	1 54
S 21	20 46	10 14	4 19	13 27	3 55	4 58	2 11	21 11	1 28	19 52	0 57	2 37	2 43	12 39	0 45	20 30	1 23	10 37	17 16	22 12	22 17	9 22	7 44	1 54
S 22	20 57	14 5	3 37	13 22	4 0	5 13	2 15	21 2	1 27	19 49	0 57	2 36	2 43	12 39	0 45	20 31	1 23	10 37	17 16	22 12	22 17	9 24	7 45	1 54
M23	21 8	17 23	2 44	13 19	4 3	5 28	2 19	20 53	1 27	19 47	0 57	2 36	2 42	12 39	0 45	20 31	1 23	10 37	17 15	22 12	22 17	9 26	7 46	1 54
T 24	21 19	19 59	1 43	13 19	4 5	5 44	2 23	20 44	1 26	19 45	0 57	2 35	2 42	12 39	0 46	20 31	1 23	10 36	17 15	22 12	22 16	9 29	7 47	1 54
W25	21 29	21 42	0 37	13 21	4 5	6 0	2 26	20 35	1 25	19 42	0 57	2 35	2 42	12 39	0 46	20 32	1 23	10 36	17 14	22 12	22 16	9 31	7 48	1 54
T 26	21 39	22 23	0s32	13 26	4 5	6 16	2 30	20 26	1 24	19 40	0 57	2 34	2 42	12 39	0 46	20 32	1 23	10 36	17 14	22 12	22 15	9 33	7 49	1 54
F 27	21 48	21 56	1 40	13 32	4 3	6 33	2 33	20 17	1 24	19 38	0 57	2 34	2 42	12 39	0 46	20 32	1 23	10 36	17 13	22 12	22 15	9 35	7 50	1 55
S 28	21 57	20 19	2 45	13 41	4 1	6 50	2 36	20 8	1 23	19 35	0 57	2 33	2 41	12 39	0 46	20 33	1 23	10 36	17 13	22 12	22 14	9 37	7 51	1 55
S 29	22 6	17 37	3 42	13 52	3 57	7 7	2 38	19 58	1 22	19 33	0 57	2 33	2 41	12 39	0 46	20 33	1 23	10 36	17 12	22 12	22 14	9 40	7 52	1 55
M30	22 14	13 58	4 28	14 5	3 53	7 24	2 41	19 49	1 22	19 30	0 57	2 33	2 41	12 39	0 46	20 34	1 23	10 35	17 12	22 12	22 13	9 42	7 53	1 55
T 31	22n22	9n31	5s 1	14n20	3s48	7n42	2s43	19n39	1n21	19n28	0n56	2s32	2n41	12s39	0s46	20n34	1s23	10n35	17n11	22s12	22s13	9n44	7n54	1n55

Julian Day Number = 1993654.5, Delta T = 53m56s
Ecliptic obliquity = 23°36'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'35, Lahiri = 6°23'36 Julian Calendar 1 May 746 == Greg. Calendar 5 May 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

JUNE 746 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 50 10	12♊50'26	5♍52	21♉11	27♈14	8♌46	7♌32	12°R34	28°R55	8♊55	13°R 9	10°D43	10♐45	14♈43	15♈33	W 1
T 2	16 54 7	13°47'36	19°56	21°57	28° 9	9°21	7°42	12♎33	28♒55	8°57	13♎ 8	10♐43	10°42	14°49	15°36	T 2
F 3	16 58 3	14°44'45	4♎13	22°47	29° 5	9°56	7°52	12°32	28°55	9° 0	13° 8	10°43	10°39	14°56	15°38	F 3
S 4	17 2 0	15°41'54	18°39	23°42	0♉ 1	10°31	8° 2	12°31	28°55	9° 2	13° 7	10°43	10°36	15° 3	15°40	S 4
S 5	17 5 56	16°39'03	3♏12	24°40	0°58	11° 6	8°13	12°30	28°54	9° 4	13° 7	10°44	10°32	15°10	15°42	S 5
M 6	17 9 53	17°36'11	17°46	25°43	1°55	11°42	8°23	12°29	28°54	9° 6	13° 6	10°44	10°29	15°16	15°44	M 6
T 7	17 13 49	18°33'19	2♐16	26°49	2°53	12°17	8°33	12°29	28°54	9° 8	13° 6	10°44	10°26	15°23	15°47	T 7
W 8	17 17 46	19°30'26	16°36	28° 0	3°51	12°52	8°44	12°28	28°54	9°11	13° 5	10°R45	10°23	15°30	15°49	W 8
T 9	17 21 43	20°27'34	0♑41	29°14	4°49	13°28	8°54	12°28	28°53	9°13	13° 5	10°44	10°20	15°36	15°51	T 9
F 10	17 25 39	21°24'42	14°27	0♊32	5°48	14° 3	9° 5	12°28	28°53	9°15	13° 4	10°43	10°17	15°43	15°53	F 10
S 11	17 29 36	22°21'49	27°52	1°54	6°47	14°39	9°15	12°27	28°52	9°17	13° 4	10°42	10°13	15°50	15°55	S 11
S 12	17 33 32	23°18'57	10♒56	3°20	7°46	15°15	9°26	12°27	28°52	9°19	13° 4	10°40	10°10	15°56	15°56	S 12
M13	17 37 29	24°16'06	23°39	4°49	8°46	15°50	9°37	12°D27	28°51	9°22	13° 4	10°39	10° 7	16° 3	15°58	M13
T 14	17 41 25	25°13'14	6♓ 4	6°22	9°46	16°26	9°48	12°27	28°50	9°24	13° 3	10°37	10° 4	16°10	16° 0	T 14
W15	17 45 22	26°10'23	18°13	7°58	10°47	17° 2	9°59	12°27	28°50	9°26	13° 3	10°36	10° 1	16°17	16° 2	W15
T 16	17 49 18	27° 7'32	0♈12	9°38	11°48	17°38	10°10	12°28	28°49	9°28	13° 3	10°D36	9°58	16°23	16° 3	T 16
F 17	17 53 15	28° 4'42	12° 5	11°22	12°49	18°14	10°21	12°28	28°48	9°30	13° 3	10°37	9°54	16°30	16° 5	F 17
S 18	17 57 12	29° 1'52	23°57	13° 8	13°50	18°50	10°32	12°29	28°47	9°32	13° 3	10°38	9°51	16°37	16° 7	S 18
S 19	18 1 8	29°59'03	5♉51	14°58	14°52	19°26	10°43	12°29	28°47	9°35	13° 3	10°39	9°48	16°43	16° 8	S 19
M20	18 5 5	0♋56'14	17°54	16°51	15°54	20° 2	10°54	12°30	28°46	9°37	13°D 3	10°41	9°45	16°50	16°10	M20
T 21	18 9 1	1°53'26	0♊ 7	18°46	16°56	20°38	11° 6	12°31	28°45	9°39	13° 3	10°42	9°42	16°57	16°11	T 21
W22	18 12 58	2°50'38	12°34	20°44	17°58	21°15	11°17	12°31	28°44	9°41	13° 3	10°R42	9°38	17° 3	16°13	W22
T 23	18 16 54	3°47'51	25°16	22°44	19° 1	21°51	11°29	12°32	28°43	9°43	13° 3	10°42	9°35	17°10	16°14	T 23
F 24	18 20 51	4°45'05	8♋16	24°47	20° 4	22°27	11°40	12°34	28°42	9°45	13° 3	10°40	9°32	17°17	16°15	F 24
S 25	18 24 47	5°42'19	21°32	26°50	21° 7	23° 4	11°52	12°35	28°40	9°47	13° 3	10°37	9°29	17°24	16°17	S 25
S 26	18 28 44	6°39'33	5♌ 3	28°56	22°11	23°40	12° 4	12°36	28°39	9°49	13° 3	10°33	9°26	17°30	16°18	S 26
M27	18 32 41	7°36'47	18°47	1♋ 2	23°15	24°17	12°15	12°37	28°38	9°51	13° 4	10°29	9°23	17°37	16°19	M27
T 28	18 36 37	8°34'02	2♍42	3° 9	24°19	24°54	12°27	12°39	28°37	9°53	13° 4	10°26	9°19	17°44	16°20	T 28
W29	18 40 34	9°31'17	16°46	5°17	25°23	25°30	12°39	12°40	28°36	9°55	13° 4	10°23	9°16	17°50	16°21	W29
T 30	18 44 30	10♋28'33	0♎54	7♋24	26♉27	26♌ 7	12♌51	12♎42	28♒34	9♊57	13♎ 4	10♐21	9♐13	17♈57	16♈22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n29	4n32	5s16	14n37	3s41	7n59	2s45	19n29	1n20	19n25	0n56	2s32	2n40	12s39	0s46	20n34	1s23	10n35	17n11	22s12	22s13	9n46	7n55	1n55
T 2	22 37	0s47	5 13	14 55	3 35	8 17	2 47	19 19	1 20	19 22	0 56	2 32	2 40	12 39	0 46	20 35	1 23	10 35	17 10	22 12	22 12	9 48	7 56	1 55
F 3	22 43	6 8	4 51	15 15	3 27	8 35	2 49	19 9	1 19	19 20	0 56	2 32	2 40	12 39	0 46	20 35	1 23	10 34	17 10	22 12	22 12	9 50	7 57	1 55
S 4	22 50	11 13	4 10	15 37	3 19	8 54	2 51	18 59	1 18	19 17	0 56	2 32	2 40	12 39	0 46	20 35	1 23	10 34	17 9	22 12	22 11	9 53	7 58	1 55
S 5	22 56	15 41	3 14	16 0	3 10	9 12	2 52	18 48	1 18	19 14	0 56	2 32	2 39	12 39	0 46	20 36	1 23	10 34	17 9	22 12	22 11	9 55	7 59	1 55
M 6	23 1	19 13	2 4	16 24	3 1	9 31	2 53	18 38	1 17	19 12	0 56	2 32	2 39	12 39	0 46	20 36	1 23	10 34	17 8	22 12	22 10	9 57	8 0	1 55
T 7	23 6	21 31	0 47	16 49	2 51	9 49	2 55	18 27	1 16	19 9	0 56	2 32	2 39	12 39	0 46	20 36	1 23	10 33	17 8	22 12	22 10	9 59	8 1	1 55
W 8	23 11	22 23	0n32	17 15	2 40	10 8	2 56	18 16	1 16	19 6	0 56	2 32	2 39	12 39	0 46	20 37	1 23	10 33	17 7	22 12	22 9	10 1	8 2	1 55
T 9	23 15	21 48	1 48	17 41	2 29	10 27	2 56	18 5	1 15	19 3	0 56	2 32	2 38	12 40	0 46	20 37	1 23	10 33	17 6	22 12	22 9	10 3	8 2	1 55
F 10	23 19	19 54	2 56	18 9	2 18	10 46	2 57	17 55	1 14	19 0	0 56	2 32	2 38	12 40	0 46	20 37	1 23	10 32	17 6	22 12	22 8	10 5	8 3	1 55
S 11	23 23	16 56	3 52	18 37	2 7	11 4	2 58	17 43	1 14	18 57	0 56	2 32	2 38	12 40	0 46	20 38	1 23	10 32	17 5	22 12	22 8	10 8	8 4	1 55
S 12	23 26	13 12	4 35	19 5	1 55	11 23	2 58	17 32	1 13	18 55	0 56	2 32	2 37	12 40	0 46	20 38	1 23	10 31	17 5	22 12	22 7	10 10	8 5	1 55
M13	23 29	8 58	5 2	19 34	1 43	11 42	2 58	17 21	1 13	18 52	0 56	2 33	2 37	12 40	0 46	20 38	1 23	10 31	17 4	22 12	22 7	10 12	8 5	1 55
T 14	23 31	4 28	5 15	20 2	1 30	12 1	2 58	17 9	1 12	18 49	0 56	2 33	2 37	12 41	0 46	20 39	1 23	10 30	17 4	22 11	22 7	10 14	8 6	1 55
W15	23 33	0n 7	5 13	20 30	1 18	12 20	2 58	16 58	1 11	18 46	0 56	2 33	2 37	12 41	0 46	20 39	1 23	10 30	17 3	22 11	22 6	10 16	8 7	1 55
T 16	23 34	4 38	4 58	20 58	1 5	12 39	2 58	16 46	1 11	18 43	0 56	2 33	2 36	12 41	0 46	20 39	1 23	10 30	17 2	22 11	22 6	10 18	8 8	1 55
F 17	23 35	8 56	4 30	21 25	0 53	12 58	2 58	16 34	1 10	18 40	0 56	2 34	2 36	12 42	0 46	20 40	1 23	10 29	17 2	22 11	22 5	10 20	8 8	1 55
S 18	23 36	12 55	3 50	21 52	0 40	13 16	2 57	16 23	1 9	18 36	0 56	2 34	2 36	12 42	0 47	20 40	1 23	10 29	17 1	22 11	22 5	10 22	8 9	1 55
S 19	23 36	16 24	3 1	22 17	0 28	13 35	2 57	16 11	1 9	18 33	0 56	2 35	2 36	12 42	0 47	20 40	1 23	10 28	17 1	22 12	22 4	10 25	8 10	1 55
M20	23 36	19 14	2 3	22 41	0 16	13 54	2 56	15 59	1 8	18 30	0 56	2 35	2 35	12 43	0 47	20 40	1 23	10 28	17 0	22 12	22 4	10 27	8 10	1 55
T 21	23 35	21 15	0 58	23 3	0 4	14 12	2 56	15 46	1 7	18 27	0 56	2 36	2 35	12 43	0 47	20 41	1 23	10 27	17 0	22 12	22 3	10 29	8 11	1 55
W22	23 34	22 17	0s10	23 24	0n 7	14 30	2 55	15 34	1 7	18 24	0 56	2 36	2 35	12 43	0 47	20 41	1 23	10 26	16 59	22 12	22 3	10 31	8 11	1 55
T 23	23 33	22 12	1 19	23 42	0 19	14 49	2 54	15 22	1 6	18 21	0 56	2 37	2 35	12 44	0 47	20 41	1 23	10 26	16 58	22 12	22 2	10 33	8 12	1 55
F 24	23 31	20 55	2 26	23 59	0 29	15 7	2 53	15 9	1 5	18 17	0 56	2 38	2 34	12 44	0 47	20 42	1 23	10 25	16 58	22 12	22 2	10 35	8 12	1 55
S 25	23 29	18 29	3 26	24 13	0 39	15 24	2 51	14 56	1 5	18 14	0 55	2 38	2 34	12 45	0 47	20 42	1 23	10 25	16 57	22 11	22 1	10 37	8 13	1 55
S 26	23 26	15 0	4 15	24 25	0 49	15 42	2 50	14 44	1 4	18 11	0 55	2 39	2 34	12 45	0 47	20 42	1 23	10 24	16 57	22 11	22 1	10 39	8 13	1 55
M27	23 23	10 41	4 51	24 34	0 58	15 59	2 49	14 31	1 3	18 7	0 55	2 40	2 33	12 45	0 47	20 43	1 23	10 23	16 56	22 10	22 0	10 41	8 14	1 55
T 28	23 19	5 45	5 10	24 40	1 6	16 17	2 47	14 18	1 3	18 4	0 55	2 41	2 33	12 46	0 47	20 43	1 23	10 23	16 55	22 10	22 0	10 44	8 14	1 56
W29	23 15	0 29	5 11	24 43	1 14	16 34	2 45	14 5	1 2	18 1	0 55	2 42	2 33	12 46	0 47	20 43	1 23	10 22	16 55	22 9	21 59	10 46	8 15	1 56
T 30	23n11	4s50	4s53	24n44	1n20	16n50	2s44	13n52	1n 1	17n57	0n55	2s42	2n33	12s47	0s47	20n43	1s23	10n22	16n54	22s 9	21s59	10n48	8n15	1n56

Julian Day Number = 1993685.5, Delta T = 53m55s
Ecliptic obliquity = 23°36'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'40, Lahiri = 6°23'40 Julian Calendar 1 June 746 == Greg. Calendar 5 June 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

JULY 746 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 48 27	11♋25'49	15♎ 6	9♋32	27♉32	26♌44	13♌ 3	12♎44	28°R33	9♊59	13♎ 5	10°D21	9♐10	18♈ 4	16♈23	F 1
S 2	18 52 23	12°23'05	29°19	11°39	28°36	27°21	13°15	12°46	28♒31	10° 1	13° 5	10♐22	9° 7	18°10	16°24	S 2
S 3	18 56 20	13°20'22	13♏31	13°46	29°41	27°58	13°27	12°47	28°30	10° 3	13° 6	10°23	9° 4	18°17	16°25	S 3
M 4	19 0 16	14°17'39	27°39	15°52	0♊46	28°35	13°39	12°49	28°29	10° 5	13° 6	10°25	9° 0	18°24	16°25	M 4
T 5	19 4 13	15°14'57	11♐42	17°56	1°52	29°12	13°51	12°52	28°27	10° 7	13° 7	10°R25	8°57	18°30	16°26	T 5
W 6	19 8 10	16°12'16	25°36	20° 0	2°57	29°49	14° 3	12°54	28°25	10° 9	13° 7	10°24	8°54	18°37	16°27	W 6
T 7	19 12 6	17° 9'35	9♑20	22° 3	4° 3	0♍26	14°16	12°56	28°24	10°11	13° 8	10°22	8°51	18°44	16°27	T 7
F 8	19 16 3	18° 6'55	22°49	24° 4	5° 9	1° 3	14°28	12°58	28°22	10°13	13° 8	10°17	8°48	18°51	16°28	F 8
S 9	19 19 59	19° 4'16	6♒ 3	26° 4	6°15	1°40	14°40	13° 1	28°21	10°14	13° 9	10°12	8°44	18°57	16°28	S 9
S 10	19 23 56	20° 1'38	18°59	28° 2	7°21	2°18	14°52	13° 4	28°19	10°16	13°10	10° 5	8°41	19° 4	16°29	S 10
M11	19 27 52	20°59'01	1♓38	29°59	8°28	2°55	15° 5	13° 6	28°17	10°18	13°10	9°58	8°38	19°11	16°29	M11
T 12	19 31 49	21°56'25	14° 1	1♌54	9°34	3°33	15°17	13° 9	28°15	10°20	13°11	9°52	8°35	19°17	16°30	T 12
W13	19 35 45	22°53'50	26°10	3°48	10°41	4°10	15°30	13°12	28°14	10°22	13°12	9°47	8°32	19°24	16°30	W13
T 14	19 39 42	23°51'17	8♈ 8	5°40	11°48	4°48	15°42	13°15	28°12	10°23	13°13	9°44	8°29	19°31	16°30	T 14
F 15	19 43 39	24°48'45	20° 1	7°31	12°55	5°25	15°55	13°18	28°10	10°25	13°13	9°D42	8°25	19°37	16°30	F 15
S 16	19 47 35	25°46'14	1♉52	9°20	14° 2	6° 3	16° 7	13°21	28° 8	10°27	13°14	9°42	8°22	19°44	16°30	S 16
S 17	19 51 32	26°43'45	13°47	11° 8	15°10	6°41	16°20	13°24	28° 6	10°28	13°15	9°44	8°19	19°51	16°31	S 17
M18	19 55 28	27°41'18	25°50	12°54	16°17	7°19	16°33	13°27	28° 4	10°30	13°16	9°45	8°16	19°57	16°R31	M18
T 19	19 59 25	28°38'51	8♊ 7	14°38	17°25	7°56	16°45	13°31	28° 2	10°32	13°17	9°R46	8°13	20° 4	16°30	T 19
W20	20 3 21	29°36'27	20°42	16°21	18°33	8°34	16°58	13°34	28° 0	10°33	13°18	9°45	8°10	20°11	16°30	W20
T 21	20 7 18	0♌34'03	3♋37	18° 2	19°41	9°12	17°11	13°38	27°58	10°35	13°19	9°42	8° 6	20°17	16°30	T 21
F 22	20 11 15	1°31'41	16°54	19°42	20°49	9°50	17°23	13°41	27°56	10°37	13°20	9°38	8° 3	20°24	16°30	F 22
S 23	20 15 11	2°29'21	0♌32	21°21	21°57	10°28	17°36	13°45	27°54	10°38	13°21	9°31	8° 0	20°31	16°30	S 23
S 24	20 19 8	3°27'01	14°29	22°58	23° 6	11° 7	17°49	13°49	27°52	10°40	13°22	9°23	7°57	20°38	16°29	S 24
M25	20 23 4	4°24'43	28°41	24°33	24°14	11°45	18° 2	13°52	27°50	10°41	13°23	9°14	7°54	20°44	16°29	M25
T 26	20 27 1	5°22'26	13♍ 3	26° 7	25°23	12°23	18°15	13°56	27°48	10°43	13°25	9° 6	7°50	20°51	16°29	T 26
W27	20 30 57	6°20'11	27°27	27°39	26°31	13° 1	18°28	14° 0	27°45	10°44	13°26	8°59	7°47	20°58	16°28	W27
T 28	20 34 54	7°17'56	11♎51	29°10	27°40	13°40	18°40	14° 4	27°43	10°45	13°27	8°54	7°44	21° 4	16°28	T 28
F 29	20 38 50	8°15'43	26° 8	0♍40	28°49	14°18	18°53	14° 9	27°41	10°47	13°28	8°52	7°41	21°11	16°27	F 29
S 30	20 42 47	9°13'31	10♏18	2° 8	29°58	14°57	19° 6	14°13	27°39	10°48	13°30	8°D51	7°38	21°18	16°26	S 30
S 31	20 46 43	10♌11'20	24♏18	3♍34	1♋ 8	15♍35	19♌19	14♎17	27♒37	10♊50	13♎31	8♐52	7♐35	21♈24	16♈26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 6	9s56	4s17	24n42	1n27	17n 7	2s42	13n38	1n 1	17n54	0n55	2s43	2n32	12s47	0s47	20n44	1s23	10n21	16n54	22s 9	21s58	10n50	8n16	1n56
S 2	23 1	14 30	3 26	24 37	1 32	17 23	2 40	13 25	1 0	17 50	0 55	2 44	2 32	12 48	0 47	20 44	1 23	10 20	16 53	22 9	21 58	10 52	8 16	1 56
S 3	22 56	18 15	2 22	24 29	1 36	17 39	2 38	13 12	1 0	17 47	0 55	2 45	2 32	12 49	0 47	20 44	1 23	10 19	16 53	22 9	21 57	10 54	8 16	1 56
M 4	22 50	20 53	1 9	24 18	1 40	17 55	2 36	12 58	0 59	17 43	0 55	2 46	2 32	12 49	0 47	20 44	1 23	10 19	16 52	22 10	21 57	10 56	8 17	1 56
T 5	22 43	22 13	0n 7	24 6	1 43	18 10	2 34	12 44	0 58	17 40	0 55	2 47	2 31	12 50	0 47	20 45	1 23	10 18	16 51	22 10	21 56	10 58	8 17	1 56
W 6	22 37	22 10	1 22	23 50	1 46	18 25	2 31	12 31	0 58	17 36	0 55	2 49	2 31	12 50	0 47	20 45	1 23	10 17	16 51	22 9	21 56	11 0	8 17	1 56
T 7	22 29	20 46	2 31	23 33	1 47	18 39	2 29	12 17	0 57	17 33	0 55	2 50	2 31	12 51	0 47	20 45	1 23	10 17	16 50	22 9	21 55	11 2	8 18	1 56
F 8	22 22	18 12	3 30	23 13	1 48	18 54	2 27	12 3	0 56	17 29	0 55	2 51	2 31	12 51	0 47	20 46	1 23	10 16	16 50	22 8	21 55	11 4	8 18	1 56
S 9	22 14	14 44	4 17	22 51	1 48	19 8	2 24	11 49	0 56	17 25	0 55	2 52	2 30	12 52	0 47	20 46	1 23	10 15	16 49	22 8	21 54	11 6	8 18	1 56
S 10	22 6	10 39	4 49	22 27	1 48	19 21	2 22	11 35	0 55	17 22	0 55	2 53	2 30	12 53	0 47	20 46	1 23	10 14	16 48	22 7	21 54	11 8	8 18	1 56
M11	21 57	6 12	5 6	22 2	1 47	19 34	2 19	11 21	0 54	17 18	0 55	2 55	2 30	12 53	0 47	20 46	1 23	10 13	16 48	22 6	21 53	11 10	8 18	1 56
T 12	21 48	1 35	5 9	21 35	1 45	19 47	2 16	11 7	0 54	17 14	0 55	2 56	2 30	12 54	0 47	20 46	1 23	10 13	16 47	22 5	21 53	11 12	8 19	1 56
W13	21 39	3n 0	4 57	21 6	1 43	19 59	2 14	10 52	0 53	17 11	0 55	2 57	2 29	12 55	0 47	20 47	1 23	10 12	16 47	22 4	21 52	11 14	8 19	1 56
T 14	21 29	7 25	4 32	20 36	1 40	20 11	2 11	10 38	0 53	17 7	0 55	2 59	2 29	12 55	0 47	20 47	1 23	10 11	16 46	22 4	21 52	11 16	8 19	1 56
F 15	21 19	11 31	3 56	20 5	1 37	20 23	2 8	10 23	0 52	17 3	0 55	3 0	2 29	12 56	0 47	20 47	1 23	10 10	16 46	22 3	21 51	11 18	8 19	1 56
S 16	21 8	15 10	3 10	19 32	1 33	20 34	2 5	10 9	0 51	16 59	0 55	3 1	2 29	12 57	0 47	20 47	1 23	10 9	16 45	22 3	21 51	11 21	8 19	1 56
S 17	20 57	18 14	2 16	18 59	1 29	20 45	2 2	9 54	0 51	16 56	0 55	3 3	2 28	12 57	0 47	20 48	1 23	10 8	16 44	22 3	21 50	11 23	8 19	1 56
M18	20 46	20 33	1 15	18 25	1 25	20 55	1 59	9 39	0 50	16 52	0 55	3 4	2 28	12 58	0 47	20 48	1 23	10 8	16 44	22 4	21 50	11 25	8 19	1 56
T 19	20 34	21 57	0 9	17 49	1 20	21 4	1 56	9 25	0 49	16 48	0 55	3 6	2 28	12 59	0 47	20 48	1 23	10 7	16 43	22 4	21 49	11 27	8 19	1 56
W20	20 22	22 18	0s59	17 13	1 14	21 13	1 53	9 10	0 49	16 44	0 55	3 7	2 28	12 59	0 47	20 48	1 23	10 6	16 43	22 4	21 49	11 29	8 19	1 56
T 21	20 10	21 28	2 5	16 37	1 9	21 22	1 50	8 55	0 48	16 40	0 55	3 9	2 27	13 0	0 47	20 48	1 23	10 5	16 42	22 3	21 48	11 31	8 19	1 56
F 22	19 57	19 27	3 6	16 0	1 3	21 30	1 47	8 40	0 47	16 36	0 56	3 11	2 27	13 1	0 47	20 49	1 24	10 4	16 42	22 3	21 48	11 33	8 19	1 57
S 23	19 44	16 18	3 58	15 22	0 56	21 38	1 44	8 25	0 47	16 32	0 56	3 12	2 27	13 2	0 48	20 49	1 24	10 3	16 41	22 2	21 47	11 35	8 19	1 57
S 24	19 31	12 10	4 37	14 44	0 50	21 45	1 40	8 10	0 46	16 29	0 56	3 14	2 27	13 2	0 48	20 49	1 24	10 2	16 41	22 0	21 47	11 37	8 19	1 57
M25	19 17	7 19	5 0	14 6	0 43	21 51	1 37	7 54	0 46	16 25	0 56	3 16	2 26	13 3	0 48	20 49	1 24	10 1	16 40	21 59	21 46	11 39	8 19	1 57
T 26	19 3	2 1	5 5	13 27	0 35	21 57	1 34	7 39	0 45	16 21	0 56	3 17	2 26	13 4	0 48	20 49	1 24	10 0	16 39	21 58	21 46	11 41	8 19	1 57
W27	18 49	3s24	4 50	12 48	0 28	22 3	1 31	7 24	0 44	16 17	0 56	3 19	2 26	13 5	0 48	20 50	1 24	9 59	16 39	21 57	21 45	11 43	8 19	1 57
T 28	18 34	8 39	4 17	12 9	0 20	22 8	1 27	7 8	0 44	16 13	0 56	3 21	2 26	13 5	0 48	20 50	1 24	9 58	16 38	21 56	21 45	11 45	8 18	1 57
F 29	18 19	13 23	3 28	11 30	0 12	22 12	1 24	6 53	0 43	16 9	0 56	3 23	2 26	13 6	0 48	20 50	1 24	9 57	16 38	21 56	21 44	11 47	8 18	1 57
S 30	18 4	17 19	2 26	10 51	0 4	22 16	1 20	6 37	0 42	16 5	0 56	3 25	2 25	13 7	0 48	20 50	1 24	9 56	16 37	21 55	21 44	11 49	8 18	1 57
S 31	17n49	20s13	1s17	10n12	0s 4	22n19	1s17	6n22	0n42	16n 1	0n56	3s27	2n25	13s 8	0s48	20n50	1s24	9n55	16n37	21s56	21s43	11n51	8n18	1n57

Julian Day Number = 1993715.5, Delta T = 53m55s
Ecliptic obliquity = 23°36'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'44, Lahiri = 6°23'44 Julian Calendar 1 July 746 == Greg. Calendar 5 July 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

AUGUST 746 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 50 40	11♌ 9'11	8♐ 8	4♍59	2♋17	16♍14	19♌32	14♎22	27°R34	10♊51	13♎32	8°R52	7♐31	21♈31	16°R25	M 1
T 2	20 54 37	12° 7'02	21°48	6°22	3°27	16°53	19°45	14°26	27♒32	10°52	13°34	8♐51	7°28	21°38	16♈24	T 2
W 3	20 58 33	13° 4'56	5♑18	7°44	4°36	17°31	19°58	14°31	27°30	10°53	13°35	8°49	7°25	21°44	16°23	W 3
T 4	21 2 30	14° 2'50	18°37	9° 4	5°46	18°10	20°11	14°35	27°27	10°55	13°37	8°43	7°22	21°51	16°22	T 4
F 5	21 6 26	15° 0'46	1♒45	10°23	6°56	18°49	20°24	14°40	27°25	10°56	13°38	8°35	7°19	21°58	16°21	F 5
S 6	21 10 23	15°58'44	14°40	11°39	8° 6	19°28	20°37	14°45	27°23	10°57	13°40	8°25	7°16	22° 4	16°20	S 6
S 7	21 14 19	16°56'43	27°23	12°54	9°16	20° 7	20°50	14°49	27°20	10°58	13°41	8°13	7°12	22°11	16°19	S 7
M 8	21 18 16	17°54'43	9♓52	14° 7	10°26	20°46	21° 3	14°54	27°18	10°59	13°43	8° 1	7° 9	22°18	16°18	M 8
T 9	21 22 12	18°52'46	22° 8	15°19	11°36	21°25	21°16	14°59	27°16	11° 0	13°44	7°50	7° 6	22°25	16°17	T 9
W10	21 26 9	19°50'50	4♈13	16°28	12°47	22° 4	21°29	15° 4	27°13	11° 1	13°46	7°40	7° 3	22°31	16°16	W10
T 11	21 30 6	20°48'57	16° 9	17°35	13°57	22°43	21°42	15° 9	27°11	11° 2	13°47	7°33	7° 0	22°38	16°14	T 11
F 12	21 34 2	21°47'05	28° 0	18°40	15° 8	23°22	21°55	15°14	27° 8	11° 3	13°49	7°28	6°56	22°45	16°13	F 12
S 13	21 37 59	22°45'16	9♉49	19°42	16°18	24° 2	22° 8	15°20	27° 6	11° 4	13°51	7°25	6°53	22°51	16°12	S 13
S 14	21 41 55	23°43'28	21°42	20°42	17°29	24°41	22°21	15°25	27° 4	11° 5	13°53	7°D25	6°50	22°58	16°10	S 14
M15	21 45 52	24°41'43	3♊44	21°40	18°40	25°20	22°34	15°30	27° 1	11° 6	13°54	7°R25	6°47	23° 5	16° 9	M15
T 16	21 49 48	25°40'00	16° 1	22°34	19°51	26° 0	22°47	15°36	26°59	11° 7	13°56	7°25	6°44	23°11	16° 7	T 16
W17	21 53 45	26°38'18	28°37	23°26	21° 2	26°39	23° 0	15°41	26°56	11° 8	13°58	7°23	6°41	23°18	16° 6	W17
T 18	21 57 41	27°36'39	11♋37	24°15	22°13	27°19	23°13	15°47	26°54	11° 9	14° 0	7°19	6°37	23°25	16° 4	T 18
F 19	22 1 38	28°35'03	25° 3	25° 0	23°25	27°59	23°26	15°52	26°52	11°10	14° 1	7°13	6°34	23°31	16° 2	F 19
S 20	22 5 35	29°33'28	8♌55	25°42	24°36	28°38	23°39	15°58	26°49	11°10	14° 3	7° 4	6°31	23°38	16° 0	S 20
S 21	22 9 31	0♍31'55	23°12	26°19	25°48	29°18	23°52	16° 3	26°47	11°11	14° 5	6°53	6°28	23°45	15°59	S 21
M22	22 13 28	1°30'24	7♍48	26°53	26°59	29°58	24° 5	16° 9	26°44	11°12	14° 7	6°42	6°25	23°51	15°57	M22
T 23	22 17 24	2°28'55	22°35	27°22	28°11	0♎38	24°18	16°15	26°42	11°12	14° 9	6°30	6°21	23°58	15°55	T 23
W24	22 21 21	3°27'27	7♎26	27°46	29°23	1°18	24°31	16°21	26°40	11°13	14°11	6°21	6°18	24° 5	15°53	W24
T 25	22 25 17	4°26'02	22°11	28° 5	0♌34	1°58	24°44	16°27	26°37	11°14	14°13	6°14	6°15	24°11	15°51	T 25
F 26	22 29 14	5°24'38	6♏44	28°19	1°46	2°38	24°57	16°33	26°35	11°14	14°15	6°10	6°12	24°18	15°49	F 26
S 27	22 33 10	6°23'16	21° 1	28°27	2°58	3°18	25°10	16°39	26°33	11°15	14°17	6° 8	6° 9	24°25	15°47	S 27
S 28	22 37 7	7°21'56	5♐ 1	28°R28	4°10	3°58	25°23	16°45	26°30	11°15	14°19	6° 8	6° 6	24°31	15°45	S 28
M29	22 41 4	8°20'38	18°44	28°23	5°23	4°38	25°36	16°51	26°28	11°16	14°21	6° 8	6° 2	24°38	15°43	M29
T 30	22 45 0	9°19'21	2♑11	28°11	6°35	5°19	25°49	16°57	26°26	11°16	14°23	6° 6	5°59	24°45	15°41	T 30
W31	22 48 57	10♍18'06	15♑23	27♍53	7♌47	5♎59	26♌ 2	17♎ 3	26♒23	11♊16	14♎25	6♐ 3	5♐56	24♈52	15♈39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n33	21s53	0s 4	9n33	0s13	22n21	1s14	6n 6	0n41	15n56	0n56	3s28	2n25	13s 9	0s48	20n50	1s24	9n54	16n36	21s56	21s43	11n52	8n18	1n57
T 2	17 17	22 12	1n 8	8 54	0 21	22 23	1 10	5 50	0 40	15 52	0 56	3 30	2 25	13 9	0 48	20 50	1 24	9 53	16 36	21 56	21 42	11 54	8 17	1 57
W 3	17 0	21 14	2 16	8 15	0 30	22 25	1 7	5 34	0 40	15 48	0 56	3 32	2 24	13 10	0 48	20 51	1 24	9 52	16 35	21 55	21 42	11 56	8 17	1 57
T 4	16 43	19 5	3 15	7 37	0 39	22 25	1 3	5 19	0 39	15 44	0 56	3 34	2 24	13 11	0 48	20 51	1 24	9 51	16 35	21 54	21 41	11 58	8 17	1 57
F 5	16 26	15 58	4 3	6 59	0 48	22 25	1 0	5 3	0 39	15 40	0 56	3 36	2 24	13 12	0 48	20 51	1 24	9 50	16 34	21 53	21 41	12 0	8 16	1 57
S 6	16 9	12 8	4 37	6 21	0 57	22 25	0 56	4 47	0 38	15 36	0 56	3 38	2 24	13 13	0 48	20 51	1 24	9 49	16 34	21 51	21 40	12 2	8 16	1 57
S 7	15 52	7 49	4 57	5 44	1 6	22 24	0 53	4 31	0 37	15 32	0 56	3 40	2 24	13 13	0 48	20 51	1 24	9 48	16 33	21 50	21 40	12 4	8 15	1 57
M 8	15 34	3 16	5 2	5 8	1 16	22 22	0 49	4 15	0 37	15 28	0 56	3 42	2 23	13 14	0 48	20 51	1 24	9 47	16 33	21 48	21 39	12 6	8 15	1 57
T 9	15 16	1n20	4 53	4 31	1 25	22 20	0 46	3 59	0 36	15 24	0 56	3 45	2 23	13 15	0 48	20 51	1 24	9 46	16 32	21 46	21 38	12 8	8 15	1 57
W10	14 58	5 49	4 31	3 56	1 34	22 17	0 42	3 43	0 35	15 19	0 56	3 47	2 23	13 16	0 48	20 51	1 24	9 45	16 32	21 44	21 38	12 10	8 14	1 57
T 11	14 39	10 2	3 57	3 21	1 44	22 13	0 39	3 26	0 35	15 15	0 56	3 49	2 23	13 17	0 48	20 52	1 24	9 44	16 31	21 43	21 37	12 12	8 14	1 57
F 12	14 20	13 50	3 13	2 47	1 53	22 9	0 35	3 10	0 34	15 11	0 56	3 51	2 23	13 18	0 48	20 52	1 24	9 43	16 31	21 42	21 37	12 14	8 13	1 57
S 13	14 1	17 5	2 21	2 14	2 2	22 4	0 32	2 54	0 34	15 7	0 56	3 53	2 22	13 18	0 48	20 52	1 24	9 42	16 31	21 42	21 36	12 16	8 13	1 57
S 14	13 42	19 38	1 22	1 42	2 11	21 59	0 28	2 38	0 33	15 3	0 56	3 55	2 22	13 19	0 48	20 52	1 24	9 41	16 30	21 42	21 36	12 18	8 12	1 57
M15	13 23	21 22	0 20	1 11	2 20	21 53	0 25	2 21	0 32	14 58	0 57	3 58	2 22	13 20	0 48	20 52	1 24	9 40	16 30	21 42	21 35	12 20	8 12	1 57
T 16	13 3	22 6	0s45	0 41	2 29	21 46	0 22	2 5	0 32	14 54	0 57	4 0	2 22	13 21	0 48	20 52	1 24	9 39	16 29	21 42	21 35	12 22	8 11	1 57
W17	12 43	21 46	1 50	0 12	2 38	21 38	0 18	1 49	0 31	14 50	0 57	4 2	2 22	13 22	0 48	20 52	1 24	9 38	16 29	21 41	21 34	12 24	8 10	1 57
T 18	12 23	20 15	2 50	0s15	2 47	21 31	0 15	1 32	0 30	14 46	0 57	4 4	2 22	13 23	0 48	20 52	1 24	9 37	16 28	21 41	21 34	12 26	8 10	1 57
F 19	12 3	17 36	3 44	0 41	2 55	21 22	0 12	1 16	0 30	14 41	0 57	4 7	2 21	13 23	0 48	20 52	1 24	9 36	16 28	21 40	21 33	12 27	8 9	1 57
S 20	11 42	13 53	4 26	1 5	3 4	21 13	0 8	0 59	0 29	14 37	0 57	4 9	2 21	13 24	0 48	20 52	1 25	9 35	16 28	21 38	21 33	12 29	8 9	1 57
S 21	11 22	9 16	4 52	1 27	3 12	21 3	0 5	0 43	0 28	14 33	0 57	4 11	2 21	13 25	0 48	20 52	1 25	9 34	16 27	21 36	21 32	12 31	8 8	1 57
M22	11 1	4 3	5 0	1 48	3 19	20 52	0 2	0 26	0 28	14 29	0 57	4 14	2 21	13 26	0 48	20 52	1 25	9 33	16 27	21 34	21 31	12 33	8 7	1 57
T 23	10 40	1s28	4 49	2 6	3 26	20 41	0n 2	0 10	0 27	14 24	0 57	4 16	2 21	13 27	0 48	20 53	1 25	9 32	16 26	21 32	21 31	12 35	8 6	1 57
W24	10 18	6 55	4 18	2 21	3 33	20 30	0 5	0s 7	0 27	14 20	0 57	4 18	2 21	13 28	0 48	20 53	1 25	9 30	16 26	21 31	21 30	12 37	8 6	1 57
T 25	9 57	11 56	3 30	2 35	3 39	20 18	0 8	0 23	0 26	14 16	0 57	4 21	2 20	13 28	0 48	20 53	1 25	9 29	16 26	21 30	21 30	12 39	8 5	1 57
F 26	9 35	16 11	2 29	2 45	3 44	20 5	0 11	0 40	0 25	14 11	0 57	4 23	2 20	13 29	0 48	20 53	1 25	9 28	16 25	21 29	21 29	12 41	8 4	1 57
S 27	9 14	19 24	1 19	2 52	3 49	19 51	0 14	0 57	0 25	14 7	0 57	4 26	2 20	13 30	0 48	20 53	1 25	9 27	16 25	21 29	21 29	12 43	8 3	1 57
S 28	8 52	21 23	0 6	2 56	3 52	19 37	0 17	1 13	0 24	14 3	0 57	4 28	2 20	13 31	0 48	20 53	1 25	9 26	16 25	21 29	21 28	12 44	8 3	1 57
M29	8 30	22 1	1n 6	2 57	3 55	19 23	0 20	1 30	0 23	13 58	0 58	4 31	2 20	13 32	0 48	20 53	1 25	9 25	16 24	21 29	21 28	12 46	8 2	1 57
T 30	8 8	21 22	2 13	2 53	3 56	19 8	0 23	1 47	0 23	13 54	0 58	4 33	2 20	13 32	0 48	20 53	1 25	9 24	16 24	21 28	21 27	12 48	8 1	1 57
W31	7n45	19s32	3n11	2s46	3s57	18n52	0n26	2s 3	0n22	13n50	0n58	4s36	2n20	13s33	0s48	20n53	1s25	9n23	16n24	21s28	21s27	12n50	8n 0	1n57

Julian Day Number = 1993746.5, Delta T = 53m54s
Ecliptic obliquity = 23°36'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'48, Lahiri = 6°23'48 Julian Calendar 1 Aug. 746 == Greg. Calendar 5 Aug. 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

SEPTEMBER 746 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 52 53	11♍16'53	28♋23	27°R26	9♌ 0	6♎40	26♌14	17♎ 9	26°R21	11♊17	14♎27	5°R57	5♐53	24♈58	15°R36	T 1
F 2	22 56 50	12°15'41	11♒10	26♍53	10°12	7°20	26°27	17°16	26♒19	11°17	14°29	5♐48	5°50	25° 5	15♈34	F 2
S 3	23 0 46	13°14'32	23°47	26°12	11°25	8° 0	26°40	17°22	26°16	11°17	14°32	5°36	5°47	25°12	15°32	S 3
S 4	23 4 43	14°13'24	6♓14	25°25	12°37	8°41	26°53	17°28	26°14	11°18	14°34	5°23	5°43	25°18	15°30	S 4
M 5	23 8 39	15°12'18	18°30	24°31	13°50	9°22	27° 5	17°35	26°12	11°18	14°36	5° 9	5°40	25°25	15°27	M 5
T 6	23 12 36	16°11'15	0♈37	23°32	15° 3	10° 2	27°18	17°41	26°10	11°18	14°38	4°56	5°37	25°32	15°25	T 6
W 7	23 16 32	17°10'13	12°36	22°28	16°16	10°43	27°31	17°48	26° 7	11°18	14°40	4°45	5°34	25°38	15°22	W 7
T 8	23 20 29	18° 9'14	24°28	21°21	17°29	11°24	27°43	17°54	26° 5	11°18	14°42	4°36	5°31	25°45	15°20	T 8
F 9	23 24 26	19° 8'17	6♉16	20°13	18°42	12° 5	27°56	18° 1	26° 3	11°18	14°45	4°30	5°27	25°52	15°17	F 9
S 10	23 28 22	20° 7'23	18° 4	19° 5	19°55	12°46	28° 9	18° 7	26° 1	11°18	14°47	4°26	5°24	25°58	15°15	S 10
S 11	23 32 19	21° 6'31	29°55	17°58	21° 8	13°27	28°21	18°14	25°59	11°R18	14°49	4°D25	5°21	26° 5	15°12	S 11
M12	23 36 15	22° 5'41	11♊55	16°56	22°21	14° 8	28°34	18°21	25°57	11°18	14°51	4°25	5°18	26°12	15°10	M12
T 13	23 40 12	23° 4'53	24° 9	15°59	23°34	14°49	28°46	18°27	25°55	11°18	14°54	4°R26	5°15	26°18	15° 7	T 13
W14	23 44 8	24° 4'08	6♋42	15° 9	24°48	15°30	28°58	18°34	25°53	11°18	14°56	4°25	5°12	26°25	15° 5	W14
T 15	23 48 5	25° 3'25	19°39	14°27	26° 1	16°11	29°11	18°41	25°51	11°18	14°58	4°22	5° 8	26°32	15° 2	T 15
F 16	23 52 1	26° 2'45	3♌ 4	13°55	27°15	16°53	29°23	18°48	25°49	11°18	15° 1	4°17	5° 5	26°38	14°59	F 16
S 17	23 55 58	27° 2'07	16°59	13°33	28°28	17°34	29°35	18°54	25°47	11°18	15° 3	4°10	5° 2	26°45	14°57	S 17
S 18	23 59 55	28° 1'31	1♍22	13°22	29°42	18°15	29°48	19° 1	25°45	11°18	15° 5	4° 1	4°59	26°52	14°54	S 18
M19	0 3 51	29° 0'58	16° 9	13°D22	0♍56	18°57	29°59	19° 8	25°43	11°17	15° 8	3°51	4°56	26°58	14°51	M19
T 20	0 7 48	0♎ 0'26	1♎12	13°33	2° 9	19°38	0♍12	19°15	25°41	11°17	15°10	3°41	4°53	27° 5	14°48	T 20
W21	0 11 44	0°59'57	16°22	13°54	3°23	20°20	0°24	19°22	25°39	11°17	15°12	3°32	4°49	27°12	14°46	W21
T 22	0 15 41	1°59'29	1♏29	14°25	4°37	21° 2	0°36	19°29	25°37	11°16	15°15	3°26	4°46	27°18	14°43	T 22
F 23	0 19 37	2°59'04	16°22	15° 6	5°51	21°43	0°48	19°36	25°36	11°16	15°17	3°23	4°43	27°25	14°40	F 23
S 24	0 23 34	3°58'41	0♐56	15°54	7° 5	22°25	1° 0	19°43	25°34	11°16	15°20	3°D22	4°40	27°32	14°37	S 24
S 25	0 27 30	4°58'19	15° 7	16°51	8°19	23° 7	1°12	19°50	25°32	11°15	15°22	3°22	4°37	27°38	14°34	S 25
M26	0 31 27	5°57'59	28°54	17°54	9°33	23°49	1°24	19°57	25°31	11°15	15°24	3°23	4°33	27°45	14°32	M26
T 27	0 35 24	6°57'41	12♑20	19° 3	10°47	24°31	1°35	20° 4	25°29	11°14	15°27	3°R23	4°30	27°52	14°29	T 27
W28	0 39 20	7°57'25	25°25	20°18	12° 1	25°13	1°47	20°11	25°27	11°14	15°29	3°21	4°27	27°58	14°26	W28
T 29	0 43 17	8°57'10	8♒13	21°38	13°16	25°55	1°59	20°18	25°26	11°13	15°32	3°17	4°24	28° 5	14°23	T 29
F 30	0 47 13	9♎56'57	20♒47	23♍ 1	14♍30	26♎37	2♍10	20♎25	25♒24	11♊12	15♎34	3♐11	4♐21	28♈12	14♈20	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n23	16s44	3n59	2s34	3s55	18n36	0n29	2s20	0n21	13n46	0n58	4s38	2n19	13s34	0s48	20n53	1s25	9n22	16n23	21s27	21s26	12n52	7n59	1n57
F 2	7 0	13 9	4 33	2 18	3 52	18 19	0 32	2 37	0 21	13 41	0 58	4 41	2 19	13 35	0 48	20 53	1 25	9 21	16 23	21 25	21 25	12 54	7 58	1 57
S 3	6 38	9 3	4 54	1 58	3 48	18 2	0 35	2 53	0 20	13 37	0 58	4 43	2 19	13 35	0 48	20 53	1 25	9 20	16 23	21 23	21 25	12 56	7 57	1 57
S 4	6 15	4 38	5 0	1 33	3 42	17 44	0 38	3 10	0 20	13 33	0 58	4 46	2 19	13 36	0 48	20 53	1 25	9 18	16 22	21 21	21 24	12 57	7 57	1 57
M 5	5 52	0 6	4 52	1 4	3 33	17 26	0 40	3 27	0 19	13 28	0 58	4 48	2 19	13 37	0 48	20 53	1 25	9 17	16 22	21 18	21 24	12 59	7 56	1 57
T 6	5 29	4n23	4 31	0 31	3 23	17 7	0 43	3 43	0 18	13 24	0 58	4 51	2 19	13 38	0 48	20 53	1 25	9 16	16 22	21 16	21 23	13 1	7 55	1 57
W 7	5 6	8 40	3 58	0n 5	3 11	16 48	0 45	4 0	0 18	13 20	0 58	4 54	2 19	13 38	0 48	20 53	1 25	9 15	16 22	21 14	21 23	13 3	7 54	1 57
T 8	4 43	12 34	3 15	0 45	2 57	16 28	0 48	4 17	0 17	13 16	0 59	4 56	2 19	13 39	0 48	20 53	1 25	9 14	16 21	21 12	21 22	13 5	7 53	1 57
F 9	4 20	15 57	2 24	1 26	2 41	16 7	0 51	4 33	0 16	13 11	0 59	4 59	2 18	13 40	0 48	20 53	1 25	9 13	16 21	21 11	21 21	13 7	7 52	1 57
S 10	3 56	18 42	1 26	2 9	2 24	15 47	0 53	4 50	0 16	13 7	0 59	5 1	2 18	13 41	0 48	20 53	1 25	9 12	16 21	21 10	21 21	13 9	7 51	1 57
S 11	3 33	20 40	0 24	2 52	2 5	15 25	0 55	5 7	0 15	13 3	0 59	5 4	2 18	13 41	0 48	20 53	1 25	9 11	16 21	21 10	21 20	13 10	7 50	1 57
M12	3 9	21 43	0s40	3 35	1 46	15 4	0 58	5 23	0 14	12 58	0 59	5 7	2 18	13 42	0 48	20 53	1 25	9 10	16 20	21 10	21 20	13 12	7 49	1 57
T 13	2 46	21 45	1 43	4 15	1 25	14 42	1 0	5 40	0 14	12 54	0 59	5 9	2 18	13 43	0 48	20 52	1 25	9 9	16 20	21 10	21 19	13 14	7 48	1 57
W14	2 22	20 43	2 43	4 54	1 5	14 19	1 2	5 56	0 13	12 50	0 59	5 12	2 18	13 43	0 48	20 52	1 26	9 8	16 20	21 10	21 19	13 16	7 47	1 57
T 15	1 59	18 35	3 36	5 28	0 45	13 56	1 4	6 13	0 13	12 46	0 59	5 15	2 18	13 44	0 48	20 52	1 26	9 7	16 20	21 10	21 18	13 18	7 46	1 57
F 16	1 35	15 23	4 20	5 59	0 25	13 33	1 6	6 29	0 12	12 41	0 59	5 17	2 18	13 45	0 47	20 52	1 26	9 6	16 20	21 9	21 17	13 19	7 44	1 57
S 17	1 11	11 15	4 50	6 25	0 6	13 9	1 8	6 46	0 11	12 37	1 0	5 20	2 18	13 45	0 47	20 52	1 26	9 5	16 19	21 7	21 17	13 21	7 43	1 57
S 18	0 47	6 21	5 3	6 46	0n12	12 45	1 10	7 2	0 11	12 33	1 0	5 23	2 18	13 46	0 47	20 52	1 26	9 4	16 19	21 6	21 16	13 23	7 42	1 57
M19	0 24	0 57	4 56	7 1	0 29	12 20	1 12	7 19	0 10	12 29	1 0	5 25	2 17	13 47	0 47	20 52	1 26	9 3	16 19	21 4	21 16	13 25	7 41	1 57
T 20	0s 0	4s36	4 30	7 11	0 44	11 55	1 14	7 35	0 9	12 25	1 0	5 28	2 17	13 47	0 47	20 52	1 26	9 1	16 19	21 2	21 15	13 27	7 40	1 57
W21	0 24	9 55	3 43	7 16	0 58	11 30	1 15	7 52	0 9	12 20	1 0	5 31	2 17	13 48	0 47	20 52	1 26	9 0	16 19	21 0	21 15	13 28	7 39	1 57
T 22	0 48	14 35	2 42	7 16	1 11	11 5	1 17	8 8	0 8	12 16	1 0	5 33	2 17	13 48	0 47	20 52	1 26	8 59	16 19	20 59	21 14	13 30	7 38	1 57
F 23	1 12	18 16	1 30	7 10	1 22	10 39	1 19	8 24	0 7	12 12	1 0	5 36	2 17	13 49	0 47	20 52	1 26	8 58	16 18	20 58	21 13	13 32	7 37	1 57
S 24	1 35	20 42	0 13	7 0	1 32	10 12	1 20	8 41	0 7	12 8	1 0	5 39	2 17	13 50	0 47	20 52	1 26	8 57	16 18	20 58	21 13	13 34	7 36	1 57
S 25	1 59	21 44	1n 3	6 46	1 40	9 46	1 22	8 57	0 6	12 4	1 1	5 41	2 17	13 50	0 47	20 52	1 26	8 56	16 18	20 58	21 12	13 36	7 34	1 57
M26	2 23	21 23	2 12	6 27	1 47	9 19	1 23	9 13	0 6	12 0	1 1	5 44	2 17	13 51	0 47	20 51	1 26	8 55	16 18	20 58	21 12	13 37	7 33	1 57
T 27	2 47	19 49	3 13	6 5	1 52	8 52	1 24	9 29	0 5	11 56	1 1	5 47	2 17	13 51	0 47	20 51	1 26	8 54	16 18	20 58	21 11	13 39	7 32	1 57
W28	3 11	17 14	4 2	5 39	1 57	8 25	1 25	9 45	0 4	11 52	1 1	5 50	2 17	13 52	0 47	20 51	1 26	8 53	16 18	20 58	21 10	13 41	7 31	1 57
T 29	3 34	13 52	4 38	5 10	2 0	7 57	1 27	10 1	0 4	11 48	1 1	5 52	2 17	13 52	0 47	20 51	1 26	8 52	16 18	20 57	21 10	13 43	7 30	1 57
F 30	3s58	9s56	4n59	4n39	2n 2	7n29	1n28	10s17	0n 3	11n44	1n 1	5s55	2n17	13s53	0s47	20n51	1s26	8n51	16n18	20s56	21s 9	13n44	7n29	1n56

Julian Day Number = 1993777.5, Delta T = 53m53s
Ecliptic obliquity = 23°36'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'52, Lahiri = 6°23'53 Julian Calendar 1 Sept. 746 == Greg. Calendar 5 Sept. 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

OCTOBER 746 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 51 10	10♎56'46	3♓ 9	24♍28	15♍44	27♎19	2♍22	20♎32	25°R23	11°R12	15♎36	3°R 3	4♐18	28♈18	14°R17	S 1
S 2	0 55 6	11°56'37	15°22	25°57	16°58	28° 1	2°33	20°39	25♒21	11♊11	15°39	2♐54	4°14	28°25	14♈14	S 2
M 3	0 59 3	12°56'29	27°26	27°29	18°13	28°43	2°45	20°46	25°20	11°10	15°41	2°44	4°11	28°32	14°12	M 3
T 4	1 2 59	13°56'24	9♈24	29° 2	19°27	29°26	2°56	20°53	25°19	11°10	15°44	2°34	4° 8	28°38	14° 9	T 4
W 5	1 6 56	14°56'20	21°17	0♎37	20°42	0♏ 8	3° 7	21° 1	25°17	11° 9	15°46	2°26	4° 5	28°45	14° 6	W 5
T 6	1 10 52	15°56'19	3♉ 7	2°14	21°56	0°51	3°18	21° 8	25°16	11° 8	15°49	2°20	4° 2	28°52	14° 3	T 6
F 7	1 14 49	16°56'19	14°55	3°51	23°11	1°33	3°29	21°15	25°15	11° 7	15°51	2°16	3°58	28°58	14° 0	F 7
S 8	1 18 46	17°56'22	26°44	5°29	24°26	2°16	3°40	21°22	25°14	11° 6	15°53	2°D14	3°55	29° 5	13°57	S 8
S 9	1 22 42	18°56'27	8♊37	7° 7	25°40	2°58	3°51	21°29	25°12	11° 5	15°56	2°14	3°52	29°12	13°54	S 9
M10	1 26 39	19°56'33	20°38	8°46	26°55	3°41	4° 2	21°36	25°11	11° 5	15°58	2°15	3°49	29°18	13°51	M10
T 11	1 30 35	20°56'42	2♋52	10°25	28°10	4°24	4°13	21°44	25°10	11° 4	16° 1	2°17	3°46	29°25	13°49	T 11
W12	1 34 32	21°56'54	15°22	12° 4	29°24	5° 6	4°24	21°51	25° 9	11° 3	16° 3	2°18	3°43	29°32	13°46	W12
T 13	1 38 28	22°57'07	28°14	13°43	0♎39	5°49	4°34	21°58	25° 8	11° 2	16° 6	2°R18	3°39	29°38	13°43	T 13
F 14	1 42 25	23°57'22	11♌32	15°21	1°54	6°32	4°45	22° 5	25° 7	11° 1	16° 8	2°17	3°36	29°45	13°40	F 14
S 15	1 46 21	24°57'39	25°18	17° 0	3° 9	7°15	4°55	22°12	25° 7	11° 0	16°10	2°14	3°33	29°52	13°37	S 15
S 16	1 50 18	25°57'59	9♍33	18°39	4°24	7°58	5° 5	22°19	25° 6	10°59	16°13	2° 9	3°30	29°59	13°34	S 16
M17	1 54 15	26°58'20	24°14	20°17	5°39	8°41	5°16	22°27	25° 5	10°57	16°15	2° 4	3°27	0♉ 5	13°32	M17
T 18	1 58 11	27°58'44	9♎16	21°55	6°54	9°24	5°26	22°34	25° 4	10°56	16°18	1°58	3°24	0°12	13°29	T 18
W19	2 2 8	28°59'09	24°30	23°33	8° 9	10° 8	5°36	22°41	25° 4	10°55	16°20	1°54	3°20	0°19	13°26	W19
T 20	2 6 4	29°59'36	9♏46	25°10	9°24	10°51	5°46	22°48	25° 3	10°54	16°22	1°51	3°17	0°25	13°23	T 20
F 21	2 10 1	1♏ 0'05	24°54	26°48	10°39	11°34	5°56	22°55	25° 2	10°53	16°25	1°D49	3°14	0°32	13°21	F 21
S 22	2 13 57	2° 0'35	9♐44	28°25	11°54	12°18	6° 6	23° 2	25° 2	10°52	16°27	1°49	3°11	0°39	13°18	S 22
S 23	2 17 54	3° 1'07	24°10	0♏ 1	13° 9	13° 1	6°15	23° 9	25° 1	10°50	16°30	1°50	3° 8	0°45	13°15	S 23
M24	2 21 50	4° 1'40	8♑11	1°38	14°24	13°44	6°25	23°16	25° 1	10°49	16°32	1°52	3° 4	0°52	13°12	M24
T 25	2 25 47	5° 2'14	21°44	3°14	15°39	14°28	6°34	23°24	25° 1	10°48	16°34	1°53	3° 1	0°59	13°10	T 25
W26	2 29 44	6° 2'50	4♒53	4°49	16°55	15°12	6°44	23°31	25° 0	10°46	16°37	1°R54	2°58	1° 5	13° 7	W26
T 27	2 33 40	7° 3'27	17°40	6°25	18°10	15°55	6°53	23°38	25° 0	10°45	16°39	1°54	2°55	1°12	13° 5	T 27
F 28	2 37 37	8° 4'05	0♓ 9	8° 0	19°25	16°39	7° 2	23°45	25° 0	10°44	16°41	1°52	2°52	1°19	13° 2	F 28
S 29	2 41 33	9° 4'44	12°24	9°35	20°40	17°23	7°11	23°52	25° 0	10°42	16°43	1°49	2°49	1°25	13° 0	S 29
S 30	2 45 30	10° 5'25	24°28	11°10	21°55	18° 7	7°20	23°59	24°59	10°41	16°46	1°46	2°45	1°32	12°57	S 30
M31	2 49 26	11♏ 6'07	6♈24	12♏45	23♎11	18♏50	7♍29	24♎ 6	24♒59	10♊39	16♎48	1♐42	2♐42	1♉39	12♈55	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s22	5s39	5n 6	4n 6	2n 3	7n 1	1n29	10s33	0n 2	11n40	1n 1	5s58	2n17	13s53	0s47	20n51	1s26	8n50	16n18	20s55	21s 9	13n46	7n27	1n56
S 2	4 45	1 13	4 59	3 30	2 3	6 33	1 30	10 49	0 2	11 36	1 2	6 0	2 17	13 54	0 47	20 51	1 26	8 50	16 18	20 53	21 8	13 48	7 26	1 56
M 3	5 9	3n14	4 39	2 53	2 2	6 5	1 30	11 5	0 1	11 32	1 2	6 3	2 17	13 54	0 47	20 51	1 26	8 49	16 17	20 51	21 8	13 50	7 25	1 56
T 4	5 32	7 31	4 6	2 14	2 1	5 36	1 31	11 20	0 0	11 28	1 2	6 6	2 17	13 55	0 47	20 51	1 26	8 48	16 17	20 49	21 7	13 51	7 24	1 56
W 5	5 55	11 29	3 23	1 34	1 59	5 7	1 32	11 36	0s 0	11 24	1 2	6 9	2 17	13 55	0 47	20 50	1 26	8 47	16 17	20 47	21 6	13 53	7 23	1 56
T 6	6 19	15 0	2 31	0 53	1 56	4 38	1 33	11 51	0 1	11 20	1 2	6 11	2 17	13 55	0 47	20 50	1 26	8 46	16 17	20 46	21 6	13 55	7 21	1 56
F 7	6 42	17 53	1 32	0 12	1 53	4 9	1 33	12 7	0 1	11 16	1 2	6 14	2 17	13 56	0 47	20 50	1 26	8 45	16 17	20 45	21 5	13 57	7 20	1 56
S 8	7 5	20 2	0 30	0s31	1 50	3 40	1 34	12 22	0 2	11 12	1 3	6 17	2 17	13 56	0 47	20 50	1 26	8 44	16 17	20 45	21 5	13 58	7 19	1 56
S 9	7 28	21 19	0s35	1 14	1 46	3 10	1 34	12 38	0 3	11 8	1 3	6 19	2 17	13 56	0 47	20 50	1 26	8 43	16 17	20 45	21 4	14 0	7 18	1 56
M10	7 51	21 38	1 38	1 57	1 41	2 40	1 34	12 53	0 3	11 4	1 3	6 22	2 16	13 57	0 47	20 50	1 26	8 42	16 17	20 45	21 3	14 2	7 17	1 56
T 11	8 14	20 55	2 39	2 40	1 36	2 11	1 35	13 8	0 4	11 1	1 3	6 25	2 16	13 57	0 47	20 49	1 27	8 41	16 17	20 45	21 3	14 3	7 15	1 56
W12	8 36	19 11	3 33	3 24	1 31	1 41	1 35	13 23	0 5	10 57	1 3	6 28	2 16	13 57	0 47	20 49	1 27	8 40	16 17	20 46	21 2	14 5	7 14	1 56
T 13	8 59	16 26	4 19	4 8	1 26	1 11	1 35	13 38	0 5	10 53	1 3	6 30	2 16	13 58	0 47	20 49	1 27	8 39	16 17	20 46	21 2	14 7	7 13	1 55
F 14	9 21	12 46	4 52	4 51	1 20	0 41	1 35	13 53	0 6	10 49	1 4	6 33	2 16	13 58	0 47	20 49	1 27	8 39	16 18	20 45	21 1	14 9	7 12	1 55
S 15	9 44	8 19	5 9	5 35	1 14	0 11	1 35	14 8	0 6	10 46	1 4	6 36	2 16	13 58	0 47	20 49	1 27	8 38	16 18	20 45	21 0	14 10	7 11	1 55
S 16	10 6	3 16	5 9	6 18	1 8	0s19	1 35	14 22	0 7	10 42	1 4	6 38	2 16	13 58	0 47	20 49	1 27	8 37	16 18	20 44	21 0	14 12	7 9	1 55
M17	10 28	2s 7	4 49	7 1	1 2	0 49	1 34	14 37	0 8	10 38	1 4	6 41	2 16	13 59	0 47	20 48	1 27	8 36	16 18	20 43	20 59	14 14	7 8	1 55
T 18	10 50	7 30	4 9	7 44	0 56	1 19	1 34	14 51	0 8	10 35	1 4	6 44	2 16	13 59	0 47	20 48	1 27	8 35	16 18	20 42	20 58	14 15	7 7	1 55
W19	11 11	12 30	3 10	8 26	0 49	1 49	1 34	15 6	0 9	10 31	1 5	6 46	2 16	13 59	0 47	20 48	1 27	8 35	16 18	20 41	20 58	14 17	7 6	1 55
T 20	11 33	16 42	1 58	9 8	0 43	2 19	1 34	15 20	0 10	10 28	1 5	6 49	2 17	13 59	0 46	20 48	1 27	8 34	16 18	20 40	20 57	14 19	7 5	1 55
F 21	11 54	19 44	0 38	9 50	0 36	2 49	1 33	15 34	0 10	10 24	1 5	6 51	2 17	13 59	0 46	20 48	1 27	8 33	16 18	20 40	20 57	14 20	7 4	1 55
S 22	12 15	21 21	0n43	10 31	0 30	3 19	1 33	15 48	0 11	10 21	1 5	6 54	2 17	14 0	0 46	20 47	1 27	8 32	16 18	20 40	20 56	14 22	7 2	1 55
S 23	12 36	21 29	2 0	11 12	0 23	3 49	1 32	16 2	0 11	10 17	1 5	6 57	2 17	14 0	0 46	20 47	1 27	8 31	16 18	20 40	20 55	14 24	7 1	1 54
M24	12 57	20 14	3 7	11 52	0 16	4 19	1 31	16 16	0 12	10 14	1 6	6 59	2 17	14 0	0 46	20 47	1 27	8 31	16 19	20 40	20 55	14 25	7 0	1 54
T 25	13 17	17 52	4 1	12 31	0 10	4 49	1 30	16 29	0 13	10 11	1 6	7 2	2 17	14 0	0 46	20 47	1 27	8 30	16 19	20 41	20 54	14 27	6 59	1 54
W26	13 38	14 38	4 41	13 10	0 3	5 18	1 30	16 43	0 13	10 7	1 6	7 4	2 17	14 0	0 46	20 47	1 27	8 29	16 19	20 41	20 54	14 29	6 58	1 54
T 27	13 58	10 48	5 5	13 48	0s 4	5 48	1 29	16 56	0 14	10 4	1 6	7 7	2 17	14 0	0 46	20 46	1 27	8 28	16 19	20 41	20 53	14 30	6 57	1 54
F 28	14 17	6 35	5 15	14 26	0 10	6 18	1 28	17 9	0 15	10 1	1 6	7 10	2 17	14 0	0 46	20 46	1 27	8 28	16 19	20 40	20 52	14 32	6 56	1 54
S 29	14 37	2 11	5 9	15 3	0 17	6 47	1 27	17 23	0 15	9 58	1 7	7 12	2 17	14 0	0 46	20 46	1 27	8 27	16 19	20 40	20 52	14 34	6 54	1 54
S 30	14 56	2n14	4 51	15 39	0 23	7 16	1 26	17 36	0 16	9 55	1 7	7 15	2 17	14 0	0 46	20 46	1 27	8 26	16 20	20 39	20 51	14 35	6 53	1 54
M31	15s16	6n31	4n19	16s14	0s30	7s45	1n25	17s48	0s16	9n51	1n 7	7s17	2n17	14s 0	0s46	20n46	1s27	8n26	16n20	20s38	20s50	14n37	6n52	1n53

Julian Day Number = 1993807.5, Delta T = 53m52s
Ecliptic obliquity = 23°36'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°16'56, Lahiri = 6°23'57 Julian Calendar 1 Oct. 746 == Greg. Calendar 5 Oct. 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

NOVEMBER 746 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 53 23	12♏ 6'50	18♈15	14♏19	24♎26	19♏34	7♍37	24♎13	24°D59	10°R38	16♎50	1°R39	2♐39	1♉45	12°R52	T 1
W 2	2 57 19	13° 7'34	0♉ 5	15°53	25°41	20°18	7°46	24°20	24♒59	10♊37	16°53	1♐36	2°36	1°52	12♈50	W 2
T 3	3 1 16	14° 8'20	11°54	17°28	26°56	21° 2	7°54	24°26	24°59	10°35	16°55	1°34	2°33	1°59	12°47	T 3
F 4	3 5 13	15° 9'07	23°45	19° 2	28°12	21°46	8° 3	24°33	25° 0	10°34	16°57	1°33	2°29	2° 5	12°45	F 4
S 5	3 9 9	16° 9'55	5♊40	20°35	29°27	22°30	8°11	24°40	25° 0	10°32	16°59	1°D33	2°26	2°12	12°43	S 5
S 6	3 13 6	17°10'45	17°41	22° 9	0♏42	23°15	8°19	24°47	25° 0	10°31	17° 1	1°33	2°23	2°19	12°40	S 6
M 7	3 17 2	18°11'36	29°51	23°43	1°58	23°59	8°27	24°54	25° 0	10°29	17° 4	1°34	2°20	2°25	12°38	M 7
T 8	3 20 59	19°12'28	12♋12	25°16	3°13	24°43	8°35	25° 1	25° 1	10°28	17° 6	1°36	2°17	2°32	12°36	T 8
W 9	3 24 55	20°13'22	24°47	26°50	4°29	25°27	8°42	25° 7	25° 1	10°26	17° 8	1°37	2°14	2°39	12°34	W 9
T 10	3 28 52	21°14'17	7♌39	28°23	5°44	26°12	8°50	25°14	25° 1	10°24	17°10	1°37	2°10	2°45	12°32	T 10
F 11	3 32 48	22°15'14	20°52	29°57	6°59	26°56	8°57	25°21	25° 2	10°23	17°12	1°R38	2° 7	2°52	12°30	F 11
S 12	3 36 45	23°16'12	4♍28	1♐30	8°15	27°41	9° 4	25°27	25° 3	10°21	17°14	1°38	2° 4	2°58	12°28	S 12
S 13	3 40 42	24°17'11	18°28	3° 4	9°30	28°25	9°12	25°34	25° 3	10°20	17°16	1°37	2° 1	3° 5	12°26	S 13
M14	3 44 38	25°18'12	2♎52	4°37	10°46	29°10	9°19	25°41	25° 4	10°18	17°18	1°36	1°58	3°12	12°24	M14
T 15	3 48 35	26°19'13	17°36	6°10	12° 1	29°55	9°25	25°47	25° 4	10°16	17°20	1°36	1°55	3°18	12°22	T 15
W16	3 52 31	27°20'16	2♏36	7°43	13°17	0♐39	9°32	25°54	25° 5	10°15	17°22	1°35	1°51	3°25	12°20	W16
T 17	3 56 28	28°21'20	17°42	9°17	14°32	1°24	9°39	26° 0	25° 6	10°13	17°24	1°35	1°48	3°32	12°18	T 17
F 18	4 0 24	29°22'25	2♐47	10°50	15°48	2° 9	9°45	26° 6	25° 7	10°11	17°26	1°D35	1°45	3°38	12°16	F 18
S 19	4 4 21	0♐23'31	17°41	12°23	17° 3	2°54	9°51	26°13	25° 8	10°10	17°28	1°35	1°42	3°45	12°15	S 19
S 20	4 8 17	1°24'38	2♑16	13°55	18°19	3°39	9°57	26°19	25° 9	10° 8	17°30	1°R35	1°39	3°52	12°13	S 20
M21	4 12 14	2°25'45	16°28	15°28	19°34	4°24	10° 3	26°25	25°10	10° 6	17°32	1°35	1°35	3°58	12°11	M21
T 22	4 16 11	3°26'53	0♒13	17° 1	20°50	5° 9	10° 9	26°32	25°11	10° 5	17°34	1°35	1°32	4° 5	12°10	T 22
W23	4 20 7	4°28'01	13°31	18°33	22° 5	5°54	10°15	26°38	25°12	10° 3	17°36	1°35	1°29	4°12	12° 8	W23
T 24	4 24 4	5°29'09	26°24	20° 5	23°21	6°39	10°20	26°44	25°13	10° 1	17°37	1°34	1°26	4°18	12° 7	T 24
F 25	4 28 0	6°30'17	8♓55	21°36	24°36	7°24	10°26	26°50	25°14	10° 0	17°39	1°D34	1°23	4°25	12° 6	F 25
S 26	4 31 57	7°31'26	21° 9	23° 7	25°52	8° 9	10°31	26°56	25°15	9°58	17°41	1°34	1°20	4°32	12° 4	S 26
S 27	4 35 53	8°32'35	3♈10	24°37	27° 7	8°54	10°36	27° 2	25°17	9°56	17°43	1°35	1°16	4°38	12° 3	S 27
M28	4 39 50	9°33'45	15° 3	26° 7	28°23	9°39	10°41	27° 8	25°18	9°54	17°44	1°36	1°13	4°45	12° 2	M28
T 29	4 43 46	10°34'54	26°51	27°35	29°38	10°25	10°45	27°14	25°20	9°53	17°46	1°37	1°10	4°52	12° 0	T 29
W30	4 47 43	11♐36'04	8♉40	29♐ 2	0♐54	11♐10	10♍50	27♎20	25♒21	9♊51	17♎48	1♐38	1♐ 7	4♉58	11♈59	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s34	10n33	3n37	16s49	0s36	8s14	1n24	18s 1	0s17	9n48	1n 7	7s20	2n17	14s 0	0s46	20n45	1s27	8n25	16n20	20s38	20s50	14n39	6n51	1n53
W 2	15 53	14 9	2 45	17 23	0 42	8 43	1 22	18 13	0 18	9 45	1 8	7 22	2 17	14 0	0 46	20 45	1 27	8 24	16 20	20 37	20 49	14 40	6 50	1 53
T 3	16 11	17 12	1 47	17 56	0 49	9 12	1 21	18 26	0 18	9 42	1 8	7 25	2 17	14 0	0 46	20 45	1 27	8 24	16 20	20 37	20 49	14 42	6 49	1 53
F 4	16 29	19 32	0 43	18 28	0 55	9 40	1 20	18 38	0 19	9 40	1 8	7 27	2 17	14 0	0 46	20 45	1 27	8 23	16 21	20 37	20 48	14 43	6 48	1 53
S 5	16 47	21 1	0s23	18 59	1 1	10 8	1 18	18 50	0 19	9 37	1 8	7 30	2 17	14 0	0 46	20 44	1 27	8 23	16 21	20 36	20 47	14 45	6 47	1 53
S 6	17 5	21 34	1 28	19 30	1 6	10 36	1 17	19 2	0 20	9 34	1 8	7 32	2 17	14 0	0 46	20 44	1 27	8 22	16 21	20 37	20 47	14 47	6 46	1 53
M 7	17 22	21 5	2 31	19 59	1 12	11 4	1 15	19 14	0 21	9 31	1 9	7 34	2 17	14 0	0 46	20 44	1 27	8 22	16 21	20 37	20 46	14 48	6 45	1 53
T 8	17 39	19 36	3 27	20 28	1 18	11 31	1 14	19 25	0 21	9 28	1 9	7 37	2 17	13 59	0 46	20 44	1 27	8 21	16 22	20 37	20 45	14 50	6 44	1 52
W 9	17 55	17 8	4 15	20 56	1 23	11 58	1 12	19 37	0 22	9 26	1 9	7 39	2 17	13 59	0 46	20 44	1 27	8 20	16 22	20 37	20 45	14 51	6 43	1 52
T 10	18 11	13 48	4 50	21 22	1 28	12 25	1 10	19 48	0 23	9 23	1 9	7 42	2 18	13 59	0 46	20 43	1 27	8 20	16 22	20 37	20 44	14 53	6 42	1 52
F 11	18 27	9 42	5 12	21 48	1 33	12 51	1 9	19 59	0 23	9 20	1 10	7 44	2 18	13 59	0 46	20 43	1 27	8 19	16 22	20 38	20 44	14 55	6 41	1 52
S 12	18 43	5 1	5 17	22 12	1 38	13 18	1 7	20 10	0 24	9 18	1 10	7 46	2 18	13 59	0 46	20 43	1 27	8 19	16 23	20 38	20 43	14 56	6 40	1 52
S 13	18 58	0s 4	5 4	22 35	1 43	13 44	1 5	20 20	0 24	9 15	1 10	7 49	2 18	13 58	0 46	20 43	1 27	8 18	16 23	20 37	20 42	14 58	6 39	1 52
M14	19 13	5 18	4 32	22 57	1 47	14 9	1 3	20 31	0 25	9 13	1 10	7 51	2 18	13 58	0 46	20 42	1 27	8 18	16 23	20 37	20 42	14 59	6 38	1 52
T 15	19 28	10 21	3 41	23 18	1 51	14 34	1 1	20 41	0 26	9 11	1 11	7 53	2 18	13 58	0 46	20 42	1 27	8 17	16 24	20 37	20 41	15 1	6 37	1 51
W16	19 42	14 52	2 34	23 38	1 55	14 59	0 59	20 51	0 26	9 8	1 11	7 55	2 18	13 58	0 45	20 42	1 27	8 17	16 24	20 37	20 40	15 3	6 37	1 51
T 17	19 56	18 27	1 16	23 57	1 59	15 24	0 57	21 1	0 27	9 6	1 11	7 58	2 18	13 57	0 45	20 42	1 27	8 17	16 24	20 37	20 40	15 4	6 36	1 51
F 18	20 9	20 45	0n 7	24 14	2 2	15 48	0 55	21 11	0 27	9 4	1 11	8 0	2 18	13 57	0 45	20 41	1 27	8 16	16 25	20 37	20 39	15 6	6 35	1 51
S 19	20 22	21 33	1 28	24 30	2 5	16 11	0 53	21 20	0 28	9 2	1 12	8 2	2 18	13 57	0 45	20 41	1 27	8 16	16 25	20 37	20 38	15 7	6 34	1 51
S 20	20 35	20 52	2 43	24 44	2 8	16 34	0 51	21 29	0 28	9 0	1 12	8 4	2 19	13 56	0 45	20 41	1 27	8 15	16 25	20 37	20 38	15 9	6 33	1 51
M21	20 47	18 52	3 45	24 57	2 10	16 57	0 49	21 38	0 29	8 58	1 12	8 7	2 19	13 56	0 45	20 41	1 27	8 15	16 26	20 37	20 37	15 10	6 33	1 50
T 22	20 59	15 49	4 32	25 9	2 12	17 20	0 47	21 47	0 30	8 56	1 12	8 9	2 19	13 55	0 45	20 40	1 27	8 15	16 26	20 37	20 36	15 12	6 32	1 50
W23	21 11	12 3	5 2	25 19	2 13	17 41	0 45	21 56	0 30	8 54	1 13	8 11	2 19	13 55	0 45	20 40	1 27	8 14	16 27	20 37	20 36	15 14	6 31	1 50
T 24	21 22	7 50	5 17	25 27	2 14	18 3	0 43	22 4	0 31	8 52	1 13	8 13	2 19	13 55	0 45	20 40	1 27	8 14	16 27	20 37	20 35	15 15	6 30	1 50
F 25	21 32	3 24	5 15	25 35	2 15	18 24	0 40	22 12	0 31	8 50	1 13	8 15	2 19	13 54	0 45	20 40	1 27	8 14	16 27	20 37	20 34	15 17	6 30	1 50
S 26	21 43	1n 3	5 0	25 40	2 15	18 44	0 38	22 20	0 32	8 48	1 13	8 17	2 19	13 54	0 45	20 39	1 27	8 13	16 28	20 37	20 34	15 18	6 29	1 50
S 27	21 53	5 24	4 31	25 44	2 15	19 4	0 36	22 28	0 33	8 47	1 14	8 19	2 19	13 53	0 45	20 39	1 27	8 13	16 28	20 37	20 33	15 20	6 28	1 49
M28	22 2	9 31	3 51	25 46	2 14	19 23	0 34	22 36	0 33	8 45	1 14	8 21	2 20	13 53	0 45	20 39	1 27	8 13	16 29	20 37	20 33	15 21	6 28	1 49
T 29	22 11	13 14	3 2	25 47	2 12	19 42	0 31	22 43	0 34	8 44	1 14	8 23	2 20	13 52	0 45	20 39	1 27	8 13	16 29	20 37	20 32	15 23	6 27	1 49
W30	22s20	16n27	2n 4	25s46	2s10	20s 0	0n29	22s50	0s34	8n42	1n15	8s25	2n20	13s52	0s45	20n38	1s27	8n13	16n29	20s38	20s31	15n24	6n26	1n49

Julian Day Number = 1993838.5, Delta T = 53m52s
Ecliptic obliquity = 23°36'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'01, Lahiri = 6°24'01 Julian Calendar 1 Nov. 746 == Greg. Calendar 5 Nov. 746

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ASTRODIENST EPHEMERIS for the year 746
geocentric

DECEMBER 746 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 51 40	12♐37'14	20♉31	0♑28	2♐ 9	11♐56	10♍54	27♎25	25♒22	9°R49	17♎49	1♐38	1♐ 4	5♉ 5	11°R58	T 1
F 2	4 55 36	13°38'25	2♊28	1°52	3°25	12°41	10°58	27°31	25°24	9♊48	17°51	1°R39	1° 1	5°12	11♈57	F 2
S 3	4 59 33	14°39'35	14°33	3°14	4°40	13°26	11° 2	27°37	25°26	9°46	17°52	1°38	0°57	5°18	11°56	S 3
S 4	5 3 29	15°40'46	26°47	4°34	5°56	14°12	11° 6	27°42	25°27	9°44	17°54	1°37	0°54	5°25	11°55	S 4
M 5	5 7 26	16°41'58	9♋12	5°51	7°11	14°58	11°10	27°48	25°29	9°43	17°56	1°35	0°51	5°32	11°54	M 5
T 6	5 11 22	17°43'09	21°50	7° 4	8°27	15°43	11°13	27°53	25°31	9°41	17°57	1°33	0°48	5°38	11°54	T 6
W 7	5 15 19	18°44'21	4♌40	8°14	9°42	16°29	11°16	27°59	25°32	9°39	17°58	1°30	0°45	5°45	11°53	W 7
T 8	5 19 16	19°45'33	17°44	9°19	10°58	17°15	11°19	28° 4	25°34	9°37	18° 0	1°28	0°41	5°52	11°52	T 8
F 9	5 23 12	20°46'45	1♍ 3	10°19	12°13	18° 0	11°22	28° 9	25°36	9°36	18° 1	1°26	0°38	5°58	11°52	F 9
S 10	5 27 9	21°47'58	14°37	11°12	13°29	18°46	11°25	28°14	25°38	9°34	18° 3	1°25	0°35	6° 5	11°51	S 10
S 11	5 31 5	22°49'11	28°28	11°59	14°44	19°32	11°27	28°20	25°40	9°32	18° 4	1°D25	0°32	6°12	11°50	S 11
M12	5 35 2	23°50'24	12♎35	12°38	16° 0	20°18	11°30	28°25	25°42	9°31	18° 5	1°26	0°29	6°18	11°50	M12
T 13	5 38 58	24°51'37	26°56	13° 9	17°15	21° 4	11°32	28°30	25°44	9°29	18° 7	1°27	0°26	6°25	11°50	T 13
W14	5 42 55	25°52'51	11♏30	13°30	18°31	21°50	11°34	28°35	25°46	9°28	18° 8	1°28	0°22	6°32	11°49	W14
T 15	5 46 51	26°54'04	26°12	13°R40	19°46	22°36	11°36	28°39	25°48	9°26	18° 9	1°R29	0°19	6°38	11°49	T 15
F 16	5 50 48	27°55'18	10♐57	13°40	21° 2	23°22	11°37	28°44	25°50	9°24	18°10	1°29	0°16	6°45	11°49	F 16
S 17	5 54 45	28°56'32	25°36	13°28	22°17	24° 8	11°39	28°49	25°52	9°23	18°11	1°28	0°13	6°52	11°49	S 17
S 18	5 58 41	29°57'45	10♑ 4	13° 3	23°32	24°54	11°40	28°54	25°55	9°21	18°12	1°24	0°10	6°58	11°48	S 18
M19	6 2 38	0♑58'58	24°15	12°28	24°48	25°40	11°41	28°58	25°57	9°20	18°13	1°20	0° 7	7° 5	11°D48	M19
T 20	6 6 34	2° 0'10	8♒ 3	11°41	26° 3	26°26	11°42	29° 3	25°59	9°18	18°15	1°15	0° 3	7°12	11°48	T 20
W21	6 10 31	3° 1'22	21°27	10°44	27°19	27°12	11°43	29° 7	26° 2	9°17	18°16	1°10	0° 0	7°18	11°48	W21
T 22	6 14 27	4° 2'33	4♓26	9°38	28°34	27°59	11°43	29°11	26° 4	9°15	18°17	1° 6	29♏57	7°25	11°49	T 22
F 23	6 18 24	5° 3'43	17° 2	8°26	29°50	28°45	11°43	29°16	26° 6	9°14	18°17	1° 2	29°54	7°32	11°49	F 23
S 24	6 22 20	6° 4'53	29°19	7° 9	1♑ 5	29°31	11°R43	29°20	26° 9	9°12	18°18	1° 1	29°51	7°38	11°49	S 24
S 25	6 26 17	7° 6'01	11♈21	5°51	2°21	0♑18	11°43	29°24	26°11	9°11	18°19	1°D 1	29°47	7°45	11°49	S 25
M26	6 30 14	8° 7'09	23°14	4°33	3°36	1° 4	11°43	29°28	26°14	9° 9	18°20	1° 2	29°44	7°52	11°50	M26
T 27	6 34 10	9° 8'16	5♉ 2	3°17	4°51	1°50	11°42	29°32	26°17	9° 8	18°21	1° 3	29°41	7°58	11°50	T 27
W28	6 38 7	10° 9'22	16°50	2° 7	6° 7	2°37	11°42	29°36	26°19	9° 6	18°22	1° 5	29°38	8° 5	11°51	W28
T 29	6 42 3	11°10'27	28°44	1° 3	7°22	3°23	11°41	29°39	26°22	9° 5	18°22	1°R 6	29°35	8°12	11°51	T 29
F 30	6 46 0	12°11'31	10♊47	0° 7	8°38	4°10	11°40	29°43	26°24	9° 3	18°23	1° 6	29°32	8°18	11°52	F 30
S 31	6 49 56	13♑12'35	23♊ 2	29♐20	9♑53	4♑56	11♍38	29♎46	26♒27	9♊ 2	18♎24	1♐ 3	29♏28	8♉25	11♈52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s28	18n59	1n 1	25s43	2s 7	20s18	0n27	22s57	0s35	8n41	1n15	8s27	2n20	13s51	0s45	20n38	1s27	8n12	16n30	20s38	20s31	15n26	6n26	1n49	
F 2	22 35	20 43	0s 5	25 39	2 3	20 35	0 24	23 3	0 35	8 39	1 15	8 29	2 20	13 51	0 45	20 38	1 27	8 12	16 30	20 38	20 30	15 27	6 25	1 49	
S 3	22 43	21 31	1 11	25 33	1 59	20 51	0 22	23 10	0 36	8 38	1 15	8 31	2 20	13 50	0 45	20 38	1 27	8 12	16 31	20 38	20 29	15 29	6 25	1 49	
S 4	22 49	21 19	2 15	25 25	1 54	21 7	0 19	23 16	0 36	8 37	1 16	8 33	2 20	13 49	0 45	20 37	1 27	8 12	16 31	20 37	20 29	15 30	6 24	1 48	
M 5	22 56	20 4	3 13	25 16	1 48	21 22	0 17	23 21	0 37	8 36	1 16	8 34	2 21	13 49	0 45	20 37	1 27	8 12	16 32	20 37	20 28	15 32	6 24	1 48	
T 6	23 2	17 49	4 3	25 5	1 41	21 37	0 15	23 27	0 38	8 35	1 16	8 36	2 21	13 48	0 45	20 37	1 27	8 12	16 32	20 37	20 27	15 33	6 23	1 48	
W 7	23 7	14 40	4 42	24 53	1 33	21 51	0 12	23 32	0 38	8 34	1 17	8 38	2 21	13 48	0 45	20 37	1 27	8 11	16 32	20 36	20 27	15 35	6 23	1 48	
T 8	23 12	10 45	5 7	24 40	1 24	22 5	0 10	23 37	0 39	8 33	1 17	8 40	2 21	13 47	0 45	20 37	1 27	8 11	16 33	20 36	20 26	15 36	6 22	1 48	
F 9	23 17	6 15	5 16	24 25	1 13	22 17	0 7	23 42	0 39	8 32	1 17	8 41	2 21	13 46	0 45	20 36	1 27	8 11	16 33	20 35	20 25	15 38	6 22	1 47	
S 10	23 21	1 22	5 7	24 9	1 2	22 29	0 5	23 47	0 40	8 31	1 17	8 43	2 21	13 46	0 45	20 36	1 27	8 11	16 34	20 35	20 25	15 39	6 22	1 47	
S 11	23 24	3s41	4 41	23 53	0 49	22 41	0 3	23 51	0 40	8 31	1 18	8 45	2 22	13 45	0 45	20 36	1 27	8 11	16 34	20 35	20 24	15 41	6 21	1 47	
M12	23 27	8 39	3 58	23 35	0 36	22 51	0 0	23 55	0 41	8 30	1 18	8 46	2 22	13 44	0 45	20 36	1 27	8 11	16 35	20 35	20 23	15 42	6 21	1 47	
T 13	23 30	13 14	2 59	23 18	0 21	23 1	0s 2	23 59	0 41	8 29	1 18	8 48	2 22	13 44	0 45	20 35	1 27	8 11	16 35	20 35	20 23	15 44	6 21	1 47	
W14	23 32	17 6	1 48	22 59	0 5	23 11	0 5	24 3	0 42	8 29	1 19	8 50	2 22	13 43	0 45	20 35	1 27	8 11	16 36	20 36	20 22	15 45	6 20	1 47	
T 15	23 34	19 54	0 29	22 41	0n12	23 19	0 7	24 6	0 42	8 29	1 19	8 51	2 22	13 42	0 44	20 35	1 27	8 11	16 36	20 36	20 21	15 47	6 20	1 46	
F 16	23 35	21 23	0n52	22 24	0 30	23 27	0 9	24 9	0 43	8 28	1 19	8 53	2 22	13 41	0 44	20 35	1 27	8 11	16 37	20 36	20 21	15 48	6 20	1 46	
S 17	23 36	21 23	2 9	22 6	0 49	23 34	0 12	24 12	0 43	8 28	1 19	8 54	2 23	13 41	0 44	20 35	1 27	8 11	16 37	20 35	20 20	15 49	6 20	1 46	
S 18	23 36	19 57	3 16	21 50	1 8	23 41	0 14	24 14	0 44	8 28	1 20	8 56	2 23	13 40	0 44	20 34	1 27	8 11	16 38	20 35	20 19	15 51	6 19	1 46	
M19	23 36	17 18	4 10	21 34	1 27	23 46	0 17	24 16	0 44	8 28	1 20	8 57	2 23	13 39	0 44	20 34	1 27	8 11	16 38	20 34	20 19	15 52	6 19	1 46	
T 20	23 35	13 44	4 48	21 19	1 47	23 51	0 19	24 18	0 45	8 28	1 20	8 59	2 23	13 38	0 44	20 34	1 27	8 11	16 39	20 33	20 18	15 54	6 19	1 46	
W21	23 34	9 35	5 8	21 5	2 5	23 56	0 21	24 20	0 45	8 28	1 21	9 0	2 23	13 37	0 44	20 34	1 27	8 12	16 39	20 32	20 17	15 55	6 19	1 45	
T 22	23 32	5 6	5 12	20 52	2 23	23 59	0 24	24 21	0 46	8 28	1 21	9 1	2 24	13 36	0 44	20 33	1 27	8 12	16 40	20 31	20 17	15 57	6 19	1 45	
F 23	23 30	0 32	5 1	20 41	2 39	24 2	0 26	24 22	0 46	8 28	1 21	9 3	2 24	13 36	0 44	20 33	1 27	8 12	16 40	20 30	20 16	15 58	6 19	1 45	
S 24	23 28	3n56	4 36	20 32	2 53	24 4	0 28	24 23	0 47	8 28	1 22	9 4	2 24	13 35	0 44	20 33	1 27	8 12	16 41	20 30	20 15	16 0	6 19	1 45	
S 25	23 24	8 11	3 59	20 23	3 5	24 5	0 30	24 23	0 47	8 28	1 22	9 5	2 24	13 34	0 44	20 33	1 27	8 12	16 42	20 30	20 14	16 1	6 19	1 45	
M26	23 21	12 3	3 12	20 17	3 15	24 6	0 33	24 24	0 48	8 29	1 22	9 6	2 24	13 33	0 44	20 33	1 27	8 12	16 42	20 30	20 14	16 2	6 19	1 45	
T 27	23 17	15 26	2 17	20 12	3 22	24 5	0 35	24 24	0 48	8 29	1 22	9 8	2 25	13 32	0 44	20 33	1 27	8 13	16 43	20 31	20 13	16 4	6 19	1 44	
W28	23 12	18 13	1 17	20 8	3 27	24 4	0 37	24 23	0 49	8 30	1 23	9 9	2 25	13 31	0 44	20 32	1 26	8 13	16 43	20 31	20 12	16 5	6 19	1 44	
T 29	23 8	20 13	0 13	20 7	3 29	24 3	0 39	24 23	0 49	8 30	1 23	9 10	2 25	13 30	0 44	20 32	1 26	8 13	16 44	20 31	20 12	16 7	6 19	1 44	
F 30	23 2	21 21	0s52	20 7	3 29	24 0	0 41	24 22	0 50	8 31	1 23	9 11	2 25	13 29	0 44	20 32	1 26	8 13	16 44	20 31	20 11	16 8	6 19	1 44	
S 31	22s56	21n29	1s56	20s 9	3n27	23s57	0s43	24s21	0s50	8n32	1n24	9s12	2n25	13s28	0s44	20n32	1s26	8n14	16n45	20s30	20s10	16n 9	6n19	1n44	

Julian Day Number = 1993868.5, Delta T = 53m51s
Ecliptic obliquity = 23°35'59, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'05, Lahiri = 6°24'05 Julian Calendar 1 Dec. 746 == Greg. Calendar 5 Dec. 746

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ASTRODIENST EPHEMERIS for the year 747
geocentric

JANUARY 747 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 53 53	14♑13'37	5♋31	28°R41	11♑ 8	5♑43	11°R37	29♎50	26♒30	9°R 1	18♎24	0°R59	29♏25	8♉31	11♈53	S 1
M 2	6 57 49	15°14'39	18°15	28♐12	12°24	6°29	11♍35	29°53	26°33	8♊59	18°25	0♐52	29°22	8°38	11°54	M 2
T 3	7 1 46	16°15'39	1♌15	27°52	13°39	7°16	11°34	29°57	26°35	8°58	18°25	0°44	29°19	8°45	11°55	T 3
W 4	7 5 43	17°16'39	14°29	27°40	14°54	8° 3	11°32	29°59	26°38	8°57	18°26	0°36	29°16	8°51	11°56	W 4
T 5	7 9 39	18°17'38	27°55	27°D37	16°10	8°49	11°29	0♏ 3	26°41	8°56	18°26	0°28	29°13	8°58	11°57	T 5
F 6	7 13 36	19°18'36	11♍33	27°42	17°25	9°36	11°27	0° 6	26°44	8°54	18°27	0°21	29° 9	9° 5	11°58	F 6
S 7	7 17 32	20°19'33	25°19	27°54	18°40	10°23	11°24	0° 9	26°47	8°53	18°27	0°16	29° 6	9°11	11°59	S 7
S 8	7 21 29	21°20'30	9♎14	28°13	19°56	11° 9	11°22	0°12	26°50	8°52	18°28	0°13	29° 3	9°18	12° 0	S 8
M 9	7 25 25	22°21'25	23°15	28°38	21°11	11°56	11°19	0°15	26°53	8°51	18°28	0°D12	29° 0	9°25	12° 1	M 9
T 10	7 29 22	23°22'20	7♏23	29° 8	22°26	12°43	11°15	0°17	26°56	8°50	18°28	0°13	28°57	9°31	12° 2	T 10
W11	7 33 18	24°23'14	21°35	29°44	23°41	13°30	11°12	0°20	26°59	8°49	18°28	0°14	28°53	9°38	12° 3	W11
T 12	7 37 15	25°24'07	5♐50	0♑25	24°57	14°17	11° 9	0°22	27° 2	8°48	18°29	0°R14	28°50	9°45	12° 5	T 12
F 13	7 41 12	26°25'00	20° 6	1° 9	26°12	15° 3	11° 5	0°25	27° 5	8°47	18°29	0°12	28°47	9°51	12° 6	F 13
S 14	7 45 8	27°25'51	4♑19	1°58	27°27	15°50	11° 1	0°27	27° 8	8°46	18°29	0° 8	28°44	9°58	12° 8	S 14
S 15	7 49 5	28°26'41	18°25	2°51	28°42	16°37	10°57	0°29	27°11	8°45	18°29	0° 1	28°41	10° 5	12° 9	S 15
M16	7 53 1	29°27'30	2♒19	3°46	29°58	17°24	10°53	0°31	27°14	8°44	18°29	29♏52	28°38	10°11	12°11	M16
T 17	7 56 58	0♒28'17	15°57	4°45	1♒13	18°11	10°48	0°33	27°17	8°43	18°R29	29°41	28°34	10°18	12°12	T 17
W18	8 0 54	1°29'03	29°15	5°46	2°28	18°58	10°44	0°35	27°21	8°42	18°29	29°30	28°31	10°25	12°14	W18
T 19	8 4 51	2°29'47	12♓12	6°50	3°43	19°45	10°39	0°37	27°24	8°41	18°29	29°20	28°28	10°31	12°16	T 19
F 20	8 8 48	3°30'30	24°49	7°56	4°58	20°32	10°34	0°38	27°27	8°40	18°29	29°11	28°25	10°38	12°17	F 20
S 21	8 12 44	4°31'11	7♈ 7	9° 5	6°14	21°19	10°29	0°40	27°30	8°39	18°29	29° 5	28°22	10°45	12°19	S 21
S 22	8 16 41	5°31'50	19°10	10°15	7°29	22° 6	10°24	0°41	27°33	8°38	18°29	29° 1	28°19	10°51	12°21	S 22
M23	8 20 37	6°32'28	1♉ 4	11°27	8°44	22°53	10°19	0°43	27°37	8°38	18°29	29° 0	28°15	10°58	12°23	M23
T 24	8 24 34	7°33'03	12°52	12°41	9°59	23°40	10°13	0°44	27°40	8°37	18°28	29°D 0	28°12	11° 5	12°25	T 24
W25	8 28 30	8°33'37	24°41	13°57	11°14	24°27	10° 8	0°45	27°43	8°36	18°28	29°R 0	28° 9	11°11	12°27	W25
T 26	8 32 27	9°34'09	6♊36	15°14	12°29	25°14	10° 2	0°46	27°47	8°36	18°28	29° 0	28° 6	11°18	12°29	T 26
F 27	8 36 23	10°34'40	18°42	16°33	13°44	26° 1	9°56	0°47	27°50	8°35	18°28	28°58	28° 3	11°24	12°31	F 27
S 28	8 40 20	11°35'08	1♋ 3	17°53	14°59	26°48	9°50	0°48	27°53	8°34	18°27	28°54	27°59	11°31	12°33	S 28
S 29	8 44 17	12°35'35	13°43	19°14	16°14	27°35	9°44	0°49	27°57	8°34	18°27	28°47	27°56	11°38	12°36	S 29
M30	8 48 13	13°35'59	26°43	20°37	17°29	28°22	9°38	0°50	28° 0	8°33	18°26	28°37	27°53	11°44	12°38	M30
T 31	8 52 10	14♒36'22	10♌ 3	22♑ 1	18♒44	29♑ 9	9♍31	0♏50	28♒ 3	8♊33	18♎26	28♏26	27♏50	11♉51	12♈40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s50	20n34	2s56	20s12	3n23	23s53	0s45	24s19	0s51	8n33	1n24	9s13	2n26	13s27	0s44	20n32	1s26	8n14	16n45	20s29	20s10	16n11	6n19	1n44
M 2	22 43	18 35	3 47	20 17	3 18	23 48	0 47	24 18	0 51	8 34	1 24	9 14	2 26	13 26	0 44	20 31	1 26	8 14	16 46	20 28	20 9	16 12	6 19	1 43
T 3	22 36	15 39	4 28	20 23	3 12	23 43	0 49	24 16	0 52	8 35	1 24	9 15	2 26	13 25	0 44	20 31	1 26	8 14	16 46	20 27	20 8	16 14	6 19	1 43
W 4	22 29	11 53	4 56	20 31	3 4	23 36	0 51	24 13	0 52	8 36	1 25	9 16	2 26	13 24	0 44	20 31	1 26	8 15	16 47	20 25	20 8	16 15	6 20	1 43
T 5	22 20	7 28	5 7	20 39	2 55	23 29	0 53	24 11	0 53	8 37	1 25	9 17	2 27	13 23	0 44	20 31	1 26	8 15	16 48	20 23	20 7	16 16	6 20	1 43
F 6	22 12	2 38	5 2	20 49	2 46	23 22	0 55	24 8	0 53	8 38	1 25	9 18	2 27	13 22	0 44	20 31	1 26	8 15	16 48	20 22	20 6	16 18	6 20	1 43
S 7	22 3	2s24	4 39	20 58	2 37	23 13	0 57	24 5	0 53	8 39	1 26	9 18	2 27	13 21	0 44	20 31	1 26	8 16	16 49	20 21	20 6	16 19	6 20	1 43
S 8	21 54	7 21	4 0	21 9	2 27	23 4	0 58	24 1	0 54	8 40	1 26	9 19	2 27	13 20	0 44	20 31	1 26	8 16	16 49	20 20	20 5	16 20	6 21	1 42
M 9	21 44	11 58	3 5	21 19	2 16	22 55	1 0	23 58	0 54	8 42	1 26	9 20	2 27	13 19	0 44	20 30	1 26	8 17	16 50	20 20	20 4	16 22	6 21	1 42
T 10	21 34	15 57	2 0	21 30	2 6	22 44	1 2	23 54	0 55	8 43	1 26	9 21	2 28	13 18	0 44	20 30	1 26	8 17	16 50	20 20	20 3	16 23	6 21	1 42
W11	21 23	19 2	0 46	21 41	1 55	22 33	1 3	23 49	0 55	8 45	1 27	9 21	2 28	13 17	0 44	20 30	1 26	8 17	16 51	20 20	20 3	16 24	6 22	1 42
T 12	21 12	20 56	0n30	21 52	1 44	22 21	1 5	23 45	0 56	8 46	1 27	9 22	2 28	13 16	0 44	20 30	1 26	8 18	16 51	20 20	20 2	16 26	6 22	1 42
F 13	21 1	21 29	1 45	22 2	1 34	22 8	1 7	23 40	0 56	8 48	1 27	9 23	2 28	13 15	0 44	20 30	1 26	8 18	16 52	20 20	20 1	16 27	6 22	1 42
S 14	20 49	20 40	2 52	22 12	1 23	21 55	1 8	23 35	0 56	8 50	1 27	9 23	2 29	13 14	0 44	20 30	1 26	8 19	16 52	20 19	20 1	16 28	6 23	1 41
S 15	20 37	18 33	3 48	22 22	1 13	21 41	1 9	23 30	0 57	8 52	1 28	9 24	2 29	13 13	0 44	20 30	1 26	8 19	16 53	20 17	20 0	16 30	6 23	1 41
M16	20 24	15 23	4 30	22 30	1 2	21 27	1 11	23 24	0 57	8 53	1 28	9 24	2 29	13 12	0 44	20 30	1 26	8 20	16 54	20 15	19 59	16 31	6 24	1 41
T 17	20 11	11 28	4 55	22 39	0 52	21 12	1 12	23 18	0 57	8 55	1 28	9 25	2 29	13 11	0 44	20 30	1 26	8 20	16 54	20 13	19 59	16 32	6 24	1 41
W18	19 58	7 4	5 4	22 46	0 42	20 56	1 13	23 12	0 58	8 57	1 29	9 25	2 30	13 10	0 44	20 29	1 26	8 21	16 55	20 11	19 58	16 34	6 25	1 41
T 19	19 44	2 28	4 56	22 53	0 32	20 40	1 15	23 6	0 58	8 59	1 29	9 25	2 30	13 8	0 44	20 29	1 26	8 21	16 55	20 8	19 57	16 35	6 25	1 41
F 20	19 30	2n 7	4 35	22 59	0 23	20 23	1 16	22 59	0 59	9 1	1 29	9 26	2 30	13 7	0 44	20 29	1 26	8 22	16 56	20 7	19 56	16 36	6 26	1 40
S 21	19 16	6 31	4 0	23 4	0 13	20 5	1 17	22 52	0 59	9 4	1 29	9 26	2 30	13 6	0 44	20 29	1 25	8 22	16 56	20 5	19 56	16 38	6 26	1 40
S 22	19 1	10 34	3 16	23 8	0 4	19 47	1 18	22 45	0 59	9 6	1 29	9 26	2 31	13 5	0 44	20 29	1 25	8 23	16 57	20 4	19 55	16 39	6 27	1 40
M23	18 46	14 9	2 23	23 11	0s 5	19 28	1 19	22 37	1 0	9 8	1 30	9 27	2 31	13 4	0 44	20 29	1 25	8 23	16 57	20 4	19 54	16 40	6 27	1 40
T 24	18 30	17 9	1 25	23 13	0 14	19 9	1 20	22 30	1 0	9 10	1 30	9 27	2 31	13 3	0 44	20 29	1 25	8 24	16 58	20 4	19 54	16 42	6 28	1 40
W25	18 15	19 26	0 23	23 14	0 22	18 49	1 21	22 22	1 0	9 13	1 30	9 27	2 31	13 2	0 44	20 29	1 25	8 24	16 58	20 4	19 53	16 43	6 29	1 40
T 26	17 59	20 54	0s40	23 14	0 30	18 28	1 22	22 14	1 1	9 15	1 30	9 27	2 32	13 0	0 44	20 29	1 25	8 25	16 59	20 4	19 52	16 44	6 29	1 40
F 27	17 42	21 24	1 43	23 12	0 38	18 8	1 22	22 5	1 1	9 17	1 31	9 27	2 32	12 59	0 44	20 29	1 25	8 26	17 0	20 4	19 51	16 45	6 30	1 39
S 28	17 25	20 54	2 42	23 9	0 46	17 46	1 23	21 56	1 1	9 20	1 31	9 27	2 32	12 58	0 44	20 29	1 25	8 26	17 0	20 3	19 51	16 47	6 31	1 39
S 29	17 8	19 21	3 34	23 5	0 53	17 24	1 24	21 47	1 2	9 22	1 31	9 27	2 32	12 57	0 44	20 29	1 25	8 27	17 1	20 1	19 50	16 48	6 32	1 39
M30	16 51	16 46	4 16	23 0	1 0	17 2	1 24	21 38	1 2	9 25	1 31	9 27	2 32	12 56	0 44	20 29	1 25	8 28	17 1	19 59	19 49	16 49	6 32	1 39
T 31	16s34	13n15	4s46	22s53	1s 7	16s39	1s25	21s29	1s 2	9n28	1n31	9s27	2n33	12s55	0s44	20n29	1s25	8n28	17n 2	19s57	19s49	16n51	6n33	1n39

Julian Day Number = 1993899.5, Delta T = 53m50s
Ecliptic obliquity = 23°35'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'09, Lahiri = 6°24'09 Julian Calendar 1 Jan. 747 == Greg. Calendar 5 Jan. 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

FEBRUARY 747 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 56 6	15♒36'43	23♌42	23♉26	19♒59	29♉57	9°R25	0♏51	28♒ 7	8°R32	18°R26	28°R13	27♏47	11♉58	12♈43	W 1
T 2	9 0 3	16°37'03	7♍36	24°52	21°14	0♒44	9♍18	0°51	28°10	8♊32	18♎25	28♏ 1	27°44	12° 4	12°45	T 2
F 3	9 3 59	17°37'20	21°41	26°19	22°29	1°31	9°12	0°51	28°13	8°32	18°24	27°51	27°40	12°11	12°47	F 3
S 4	9 7 56	18°37'36	5♎51	27°48	23°44	2°18	9° 5	0°51	28°17	8°31	18°24	27°42	27°37	12°18	12°50	S 4
S 5	9 11 52	19°37'51	20° 3	29°18	24°59	3° 5	8°58	0°R51	28°20	8°31	18°23	27°37	27°34	12°24	12°52	S 5
M 6	9 15 49	20°38'04	4♏14	0♒49	26°14	3°52	8°51	0°51	28°24	8°31	18°23	27°35	27°31	12°31	12°55	M 6
T 7	9 19 45	21°38'15	18°22	2°21	27°29	4°39	8°44	0°51	28°27	8°30	18°22	27°34	27°28	12°38	12°57	T 7
W 8	9 23 42	22°38'25	2♐25	3°54	28°44	5°26	8°36	0°51	28°30	8°30	18°21	27°34	27°25	12°44	13° 0	W 8
T 9	9 27 39	23°38'33	16°23	5°28	29°59	6°14	8°29	0°51	28°34	8°30	18°20	27°33	27°21	12°51	13° 3	T 9
F 10	9 31 35	24°38'40	0♑17	7° 3	1♓13	7° 1	8°22	0°50	28°37	8°30	18°20	27°30	27°18	12°58	13° 6	F 10
S 11	9 35 32	25°38'45	14° 4	8°39	2°28	7°48	8°14	0°50	28°41	8°30	18°19	27°25	27°15	13° 4	13° 8	S 11
S 12	9 39 28	26°38'48	27°43	10°16	3°43	8°35	8° 7	0°49	28°44	8°29	18°18	27°16	27°12	13°11	13°11	S 12
M13	9 43 25	27°38'50	11♒11	11°55	4°58	9°22	7°59	0°48	28°48	8°29	18°17	27° 5	27° 9	13°18	13°14	M13
T 14	9 47 21	28°38'49	24°28	13°34	6°13	10° 9	7°52	0°47	28°51	8°D29	18°16	26°52	27° 5	13°24	13°17	T 14
W15	9 51 18	29°38'47	7♓29	15°15	7°27	10°56	7°44	0°46	28°55	8°29	18°15	26°38	27° 2	13°31	13°20	W15
T 16	9 55 14	0♓38'43	20°15	16°57	8°42	11°44	7°37	0°45	28°58	8°29	18°14	26°25	26°59	13°37	13°23	T 16
F 17	9 59 11	1°38'36	2♈44	18°40	9°57	12°31	7°29	0°44	29° 1	8°29	18°13	26°14	26°56	13°44	13°26	F 17
S 18	10 3 8	2°38'27	14°59	20°24	11°12	13°18	7°21	0°43	29° 5	8°30	18°12	26° 6	26°53	13°51	13°29	S 18
S 19	10 7 4	3°38'16	27° 0	22° 9	12°26	14° 5	7°13	0°41	29° 8	8°30	18°11	26° 0	26°50	13°57	13°32	S 19
M20	10 11 1	4°38'03	8♉53	23°56	13°41	14°52	7° 6	0°40	29°12	8°30	18°10	25°57	26°46	14° 4	13°35	M20
T 21	10 14 57	5°37'48	20°41	25°43	14°55	15°39	6°58	0°38	29°15	8°30	18° 9	25°56	26°43	14°11	13°38	T 21
W22	10 18 54	6°37'30	2♊29	27°32	16°10	16°26	6°50	0°37	29°19	8°30	18° 8	25°56	26°40	14°17	13°41	W22
T 23	10 22 50	7°37'10	14°23	29°22	17°25	17°13	6°42	0°35	29°22	8°31	18° 7	25°56	26°37	14°24	13°44	T 23
F 24	10 26 47	8°36'48	26°29	1♓13	18°39	18° 0	6°34	0°33	29°25	8°31	18° 6	25°54	26°34	14°31	13°47	F 24
S 25	10 30 43	9°36'23	8♋52	3° 6	19°54	18°48	6°27	0°31	29°29	8°31	18° 4	25°51	26°30	14°37	13°51	S 25
S 26	10 34 40	10°35'56	21°35	5° 0	21° 8	19°35	6°19	0°29	29°32	8°32	18° 3	25°45	26°27	14°44	13°54	S 26
M27	10 38 37	11°35'27	4♌43	6°54	22°23	20°22	6°11	0°27	29°36	8°32	18° 2	25°37	26°24	14°51	13°57	M27
T 28	10 42 33	12♓34'55	18♌16	8♓51	23♓37	21♒ 9	6♍ 3	0♏25	29♒39	8♊33	18♎ 1	25♏27	26♏21	14♉57	14♈ 1	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s16	8n59	5s 0	22s45	1s13	16s16	1s25	21s19	1s 3	9n30	1n32	9s27	2n33	12s53	0s44	20n29	1s25	8n29	17n 2	19s54	19s48	16n52	6n34	1n39
T 2	15 58	4 11	4 57	22 36	1 20	15 52	1 26	21 9	1 3	9 33	1 32	9 27	2 33	12 52	0 44	20 29	1 25	8 29	17 3	19 51	19 47	16 53	6 35	1 38
F 3	15 39	0s54	4 36	22 25	1 25	15 28	1 26	20 59	1 3	9 36	1 32	9 27	2 33	12 51	0 44	20 29	1 25	8 30	17 3	19 49	19 46	16 54	6 35	1 38
S 4	15 21	5 58	3 58	22 13	1 31	15 3	1 26	20 49	1 3	9 38	1 32	9 27	2 34	12 50	0 44	20 29	1 25	8 31	17 4	19 47	19 46	16 56	6 36	1 38
S 5	15 2	10 44	3 5	22 0	1 36	14 38	1 26	20 38	1 4	9 41	1 32	9 27	2 34	12 49	0 44	20 29	1 25	8 31	17 4	19 46	19 45	16 57	6 37	1 38
M 6	14 43	14 54	2 0	21 45	1 41	14 13	1 26	20 27	1 4	9 44	1 32	9 27	2 34	12 47	0 43	20 29	1 25	8 32	17 5	19 45	19 44	16 58	6 38	1 38
T 7	14 23	18 11	0 49	21 29	1 45	13 47	1 26	20 16	1 4	9 47	1 33	9 26	2 34	12 46	0 43	20 29	1 25	8 33	17 5	19 45	19 43	16 59	6 39	1 38
W 8	14 4	20 22	0n26	21 11	1 49	13 21	1 26	20 5	1 4	9 50	1 33	9 26	2 35	12 45	0 43	20 29	1 25	8 34	17 5	19 45	19 43	17 1	6 40	1 38
T 9	13 44	21 17	1 38	20 51	1 53	12 54	1 26	19 53	1 5	9 53	1 33	9 26	2 35	12 44	0 43	20 29	1 24	8 34	17 6	19 45	19 42	17 2	6 41	1 37
F 10	13 24	20 52	2 44	20 31	1 56	12 27	1 26	19 41	1 5	9 55	1 33	9 25	2 35	12 43	0 43	20 29	1 24	8 35	17 6	19 44	19 41	17 3	6 42	1 37
S 11	13 3	19 13	3 39	20 8	1 59	12 0	1 26	19 29	1 5	9 58	1 33	9 25	2 35	12 41	0 43	20 29	1 24	8 36	17 7	19 43	19 41	17 4	6 43	1 37
S 12	12 43	16 29	4 22	19 44	2 2	11 33	1 26	19 17	1 5	10 1	1 33	9 24	2 36	12 40	0 43	20 29	1 24	8 36	17 7	19 41	19 40	17 5	6 44	1 37
M13	12 22	12 54	4 49	19 19	2 4	11 5	1 26	19 5	1 6	10 4	1 33	9 24	2 36	12 39	0 43	20 29	1 24	8 37	17 8	19 38	19 39	17 7	6 45	1 37
T 14	12 1	8 45	5 0	18 52	2 6	10 37	1 25	18 52	1 6	10 7	1 34	9 23	2 36	12 38	0 43	20 29	1 24	8 38	17 8	19 35	19 38	17 8	6 46	1 37
W15	11 40	4 15	4 55	18 24	2 7	10 8	1 25	18 40	1 6	10 10	1 34	9 23	2 36	12 37	0 43	20 29	1 24	8 39	17 9	19 32	19 38	17 9	6 47	1 37
T 16	11 19	0n19	4 35	17 54	2 8	9 40	1 24	18 27	1 6	10 13	1 34	9 22	2 36	12 35	0 43	20 29	1 24	8 39	17 9	19 29	19 37	17 10	6 48	1 37
F 17	10 58	4 48	4 2	17 22	2 9	9 11	1 24	18 14	1 6	10 16	1 34	9 22	2 37	12 34	0 43	20 29	1 24	8 40	17 9	19 26	19 36	17 11	6 49	1 36
S 18	10 36	8 59	3 19	16 49	2 9	8 42	1 23	18 0	1 7	10 19	1 34	9 21	2 37	12 33	0 43	20 29	1 24	8 41	17 10	19 24	19 35	17 13	6 50	1 36
S 19	10 14	12 45	2 27	16 15	2 9	8 12	1 22	17 47	1 7	10 22	1 34	9 20	2 37	12 32	0 43	20 29	1 24	8 42	17 10	19 23	19 35	17 14	6 51	1 36
M20	9 53	15 58	1 29	15 39	2 8	7 43	1 21	17 33	1 7	10 25	1 34	9 20	2 37	12 31	0 43	20 29	1 24	8 42	17 11	19 22	19 34	17 15	6 52	1 36
T 21	9 31	18 29	0 28	15 1	2 7	7 13	1 21	17 19	1 7	10 28	1 34	9 19	2 38	12 29	0 44	20 29	1 24	8 43	17 11	19 22	19 33	17 16	6 53	1 36
W22	9 8	20 14	0s35	14 22	2 5	6 43	1 20	17 5	1 7	10 31	1 34	9 18	2 38	12 28	0 44	20 30	1 24	8 44	17 11	19 22	19 32	17 17	6 54	1 36
T 23	8 46	21 5	1 36	13 41	2 2	6 13	1 19	16 51	1 7	10 34	1 34	9 17	2 38	12 27	0 44	20 30	1 24	8 45	17 12	19 22	19 32	17 18	6 55	1 36
F 24	8 24	20 59	2 35	12 58	2 0	5 43	1 18	16 36	1 8	10 37	1 34	9 16	2 38	12 26	0 44	20 30	1 24	8 45	17 12	19 22	19 31	17 20	6 57	1 36
S 25	8 1	19 52	3 27	12 15	1 56	5 12	1 17	16 22	1 8	10 40	1 34	9 15	2 38	12 25	0 44	20 30	1 24	8 46	17 13	19 21	19 30	17 21	6 58	1 35
S 26	7 39	17 44	4 11	11 29	1 53	4 42	1 16	16 7	1 8	10 43	1 34	9 15	2 39	12 23	0 44	20 30	1 23	8 47	17 13	19 20	19 30	17 22	6 59	1 35
M27	7 16	14 38	4 43	10 42	1 48	4 11	1 14	15 52	1 8	10 46	1 34	9 14	2 39	12 22	0 44	20 30	1 23	8 48	17 13	19 18	19 29	17 23	7 0	1 35
T 28	6s53	10n42	5s 0	9s54	1s43	3s40	1s13	15s37	1s 8	10n49	1n34	9s13	2n39	12s21	0s44	20n30	1s23	8n49	17n14	19s15	19s28	17n24	7n 1	1n35

Julian Day Number = 1993930.5, Delta T = 53m49s
Ecliptic obliquity = 23°35'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'13, Lahiri = 6°24'14 Julian Calendar 1 Feb. 747 == Greg. Calendar 5 Feb. 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

MARCH 747 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 46 30	13♓34'22	2♍12	10♓48	24♓52	21♒56	5°R56	0°R23	29♒42	8♊33	17°R59	25°R15	26♏18	15♉ 4	14♈ 4	W 1
T 2	10 50 26	14°33'45	16°29	12°46	26° 6	22°43	5♍48	0♏20	29°46	8°34	17♎58	25♏ 4	26°15	15°11	14° 7	T 2
F 3	10 54 23	15°33'07	0♎59	14°45	27°20	23°30	5°41	0°18	29°49	8°34	17°57	24°54	26°11	15°17	14°11	F 3
S 4	10 58 19	16°32'27	15°36	16°46	28°35	24°17	5°33	0°15	29°52	8°35	17°55	24°47	26° 8	15°24	14°14	S 4
S 5	11 2 16	17°31'45	0♏14	18°47	29°49	25° 4	5°25	0°13	29°56	8°35	17°54	24°42	26° 5	15°30	14°17	S 5
M 6	11 6 12	18°31'01	14°45	20°49	1♈ 3	25°50	5°18	0°10	29°59	8°36	17°53	24°40	26° 2	15°37	14°21	M 6
T 7	11 10 9	19°30'16	29° 7	22°51	2°18	26°37	5°11	0° 7	0♓ 2	8°37	17°51	24°D40	25°59	15°44	14°24	T 7
W 8	11 14 5	20°29'28	13♐16	24°54	3°32	27°24	5° 3	0° 4	0° 6	8°37	17°50	24°40	25°56	15°50	14°28	W 8
T 9	11 18 2	21°28'39	27°12	26°57	4°46	28°11	4°56	0° 1	0° 9	8°38	17°48	24°R40	25°52	15°57	14°31	T 9
F 10	11 21 59	22°27'48	10♑54	29° 1	6° 0	28°58	4°49	29♎58	0°12	8°39	17°47	24°39	25°49	16° 4	14°35	F 10
S 11	11 25 55	23°26'55	24°24	1♈ 4	7°14	29°45	4°42	29°55	0°15	8°40	17°45	24°35	25°46	16°10	14°38	S 11
S 12	11 29 52	24°26'00	7♒42	3° 6	8°29	0♓32	4°35	29°52	0°19	8°40	17°44	24°28	25°43	16°17	14°42	S 12
M13	11 33 48	25°25'04	20°48	5° 7	9°43	1°19	4°28	29°49	0°22	8°41	17°42	24°20	25°40	16°24	14°46	M13
T 14	11 37 45	26°24'05	3♓41	7° 8	10°57	2° 5	4°21	29°45	0°25	8°42	17°41	24°10	25°36	16°30	14°49	T 14
W15	11 41 41	27°23'04	16°22	9° 6	12°11	2°52	4°14	29°42	0°28	8°43	17°39	23°59	25°33	16°37	14°53	W15
T 16	11 45 38	28°22'02	28°51	11° 3	13°25	3°39	4° 8	29°38	0°31	8°44	17°38	23°49	25°30	16°44	14°57	T 16
F 17	11 49 34	29°20'57	11♈ 8	12°58	14°39	4°25	4° 1	29°35	0°34	8°45	17°36	23°40	25°27	16°50	15° 0	F 17
S 18	11 53 31	0♈19'50	23°13	14°49	15°53	5°12	3°55	29°31	0°38	8°46	17°34	23°34	25°24	16°57	15° 4	S 18
S 19	11 57 28	1°18'41	5♉10	16°38	17° 7	5°59	3°49	29°28	0°41	8°47	17°33	23°30	25°21	17° 4	15° 8	S 19
M20	12 1 24	2°17'30	16°59	18°24	18°21	6°45	3°42	29°24	0°44	8°48	17°31	23°28	25°17	17°10	15°11	M20
T 21	12 5 21	3°16'17	28°46	20° 5	19°35	7°32	3°36	29°20	0°47	8°49	17°30	23°D28	25°14	17°17	15°15	T 21
W22	12 9 17	4°15'01	10♊34	21°43	20°49	8°19	3°31	29°16	0°50	8°51	17°28	23°29	25°11	17°23	15°19	W22
T 23	12 13 14	5°13'43	22°28	23°17	22° 2	9° 5	3°25	29°13	0°53	8°52	17°26	23°30	25° 8	17°30	15°22	T 23
F 24	12 17 10	6°12'23	4♋32	24°46	23°16	9°52	3°19	29° 9	0°56	8°53	17°25	23°R31	25° 5	17°37	15°26	F 24
S 25	12 21 7	7°11'01	16°53	26°10	24°30	10°38	3°14	29° 5	0°59	8°54	17°23	23°30	25° 2	17°43	15°30	S 25
S 26	12 25 3	8° 9'36	29°35	27°30	25°44	11°25	3° 8	29° 1	1° 2	8°55	17°21	23°28	24°58	17°50	15°34	S 26
M27	12 29 0	9° 8'09	12♌42	28°44	26°57	12°11	3° 3	28°57	1° 4	8°57	17°20	23°24	24°55	17°57	15°37	M27
T 28	12 32 57	10° 6'40	26°16	29°54	28°11	12°57	2°58	28°53	1° 7	8°58	17°18	23°18	24°52	18° 3	15°41	T 28
W29	12 36 53	11° 5'09	10♍18	0♉58	29°25	13°44	2°53	28°48	1°10	8°59	17°16	23°12	24°49	18°10	15°45	W29
T 30	12 40 50	12° 3'35	24°44	1°56	0♉38	14°30	2°49	28°44	1°13	9° 1	17°15	23° 5	24°46	18°17	15°49	T 30
F 31	12 44 46	13♈ 1'59	9♎30	2♉50	1♉52	15♓16	2♍44	28♎40	1♓16	9♊ 2	17♎13	23♏ 0	24♏42	18♉23	15♈52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	6s30	6n 6	5s 0	9s 4	1s38	3s 9	1s12	15s22	1s 8	10n52	1n34	9s12	2n39	12s20	0s44	20n30	1s23	8n49	17n14	19s12	19s27	17n25	7n 2	1n35	
T 2	6 7	1 3	4 42	8 13	1 32	2 38	1 10	15 7	1 8	10 54	1 34	9 11	2 39	12 19	0 44	20 30	1 23	8 50	17 14	19 10	19 27	17 27	7 4	1 35	
F 3	5 44	4s 8	4 5	7 21	1 25	2 7	1 9	14 51	1 8	10 57	1 34	9 10	2 40	12 17	0 44	20 31	1 23	8 51	17 15	19 7	19 26	17 28	7 5	1 35	
S 4	5 21	9 8	3 12	6 27	1 18	1 36	1 8	14 36	1 8	11 0	1 34	9 9	2 40	12 16	0 44	20 31	1 23	8 52	17 15	19 5	19 25	17 29	7 6	1 35	
S 5	4 58	13 36	2 6	5 33	1 10	1 5	1 6	14 20	1 9	11 3	1 34	9 8	2 40	12 15	0 44	20 31	1 23	8 52	17 15	19 4	19 24	17 30	7 7	1 35	
M 6	4 34	17 12	0 53	4 37	1 2	0 34	1 4	14 4	1 9	11 5	1 34	9 6	2 40	12 14	0 44	20 31	1 23	8 53	17 15	19 4	19 24	17 31	7 9	1 34	
T 7	4 11	19 42	0n24	3 40	0 53	0 3	1 3	13 48	1 9	11 8	1 34	9 5	2 40	12 13	0 44	20 31	1 23	8 54	17 16	19 4	19 23	17 32	7 10	1 34	
W 8	3 48	20 56	1 38	2 43	0 44	0n29	1 1	13 32	1 9	11 11	1 34	9 4	2 40	12 12	0 44	20 31	1 23	8 55	17 16	19 4	19 22	17 33	7 11	1 34	
T 9	3 24	20 50	2 44	1 45	0 35	1 0	0 59	13 15	1 9	11 14	1 34	9 3	2 41	12 10	0 44	20 32	1 23	8 56	17 16	19 4	19 21	17 34	7 12	1 34	
F 10	3 1	19 29	3 41	0 46	0 24	1 31	0 58	12 59	1 9	11 16	1 34	9 2	2 41	12 9	0 44	20 32	1 23	8 56	17 16	19 3	19 20	17 36	7 14	1 34	
S 11	2 37	17 3	4 24	0n13	0 14	2 2	0 56	12 43	1 9	11 19	1 34	9 0	2 41	12 8	0 44	20 32	1 23	8 57	17 17	19 2	19 20	17 37	7 15	1 34	
S 12	2 14	13 46	4 52	1 12	0 3	2 33	0 54	12 26	1 9	11 21	1 34	8 59	2 41	12 7	0 44	20 32	1 23	8 58	17 17	19 1	19 19	17 38	7 16	1 34	
M13	1 50	9 51	5 4	2 10	0n 8	3 5	0 52	12 9	1 9	11 24	1 34	8 58	2 41	12 6	0 44	20 32	1 23	8 59	17 17	18 59	19 18	17 39	7 18	1 34	
T 14	1 26	5 33	5 0	3 9	0 20	3 36	0 50	11 52	1 9	11 26	1 34	8 57	2 41	12 5	0 44	20 32	1 23	8 59	17 17	18 56	19 17	17 40	7 19	1 34	
W15	1 3	1 5	4 42	4 7	0 31	4 7	0 48	11 35	1 9	11 29	1 34	8 55	2 42	12 4	0 44	20 33	1 23	9 0	17 18	18 54	19 17	17 41	7 20	1 34	
T 16	0 39	3n22	4 10	5 4	0 43	4 37	0 46	11 18	1 9	11 31	1 34	8 54	2 42	12 3	0 44	20 33	1 23	9 1	17 18	18 51	19 16	17 42	7 22	1 33	
F 17	0 16	7 36	3 27	5 59	0 55	5 8	0 44	11 1	1 9	11 33	1 34	8 53	2 42	12 2	0 44	20 33	1 22	9 2	17 18	18 49	19 15	17 43	7 23	1 33	
S 18	0n 8	11 29	2 35	6 54	1 6	5 39	0 42	10 44	1 9	11 35	1 34	8 51	2 42	12 0	0 44	20 33	1 22	9 2	17 18	18 47	19 14	17 44	7 24	1 33	
S 19	0 31	14 51	1 37	7 46	1 18	6 9	0 40	10 27	1 9	11 38	1 33	8 50	2 42	11 59	0 44	20 34	1 22	9 3	17 18	18 46	19 14	17 45	7 26	1 33	
M20	0 55	17 35	0 35	8 37	1 29	6 40	0 37	10 9	1 9	11 40	1 33	8 48	2 42	11 58	0 44	20 34	1 22	9 4	17 18	18 46	19 13	17 46	7 27	1 33	
T 21	1 19	19 33	0s29	9 26	1 39	7 10	0 35	9 52	1 9	11 42	1 33	8 47	2 42	11 57	0 44	20 34	1 22	9 5	17 18	18 46	19 12	17 47	7 28	1 33	
W22	1 42	20 41	1 31	10 13	1 50	7 40	0 33	9 34	1 9	11 44	1 33	8 46	2 42	11 56	0 44	20 34	1 22	9 5	17 19	18 46	19 11	17 48	7 30	1 33	
T 23	2 5	20 53	2 30	10 57	2 0	8 10	0 30	9 16	1 9	11 46	1 33	8 44	2 43	11 55	0 44	20 34	1 22	9 6	17 19	18 46	19 11	17 49	7 31	1 33	
F 24	2 29	20 8	3 24	11 39	2 9	8 40	0 28	8 59	1 9	11 48	1 33	8 43	2 43	11 54	0 44	20 35	1 22	9 7	17 19	18 47	19 10	17 51	7 32	1 33	
S 25	2 52	18 24	4 9	12 18	2 18	9 10	0 26	8 41	1 8	11 50	1 33	8 41	2 43	11 53	0 44	20 35	1 22	9 7	17 19	18 46	19 9	17 52	7 34	1 33	
S 26	3 15	15 45	4 43	12 55	2 26	9 39	0 23	8 23	1 8	11 52	1 33	8 40	2 43	11 52	0 44	20 35	1 22	9 8	17 19	18 46	19 8	17 53	7 35	1 33	
M27	3 39	12 14	5 4	13 29	2 33	10 8	0 21	8 5	1 8	11 53	1 33	8 38	2 43	11 51	0 44	20 35	1 22	9 9	17 19	18 45	19 7	17 54	7 37	1 33	
T 28	4 2	8 0	5 9	14 0	2 39	10 37	0 18	7 47	1 8	11 55	1 32	8 37	2 43	11 50	0 44	20 36	1 22	9 9	17 19	18 43	19 7	17 55	7 38	1 32	
W29	4 25	3 11	4 56	14 28	2 45	11 5	0 16	7 29	1 8	11 57	1 32	8 35	2 43	11 49	0 44	20 36	1 22	9 10	17 19	18 42	19 6	17 56	7 39	1 32	
T 30	4 48	1s56	4 24	14 53	2 50	11 34	0 13	7 11	1 8	11 58	1 32	8 33	2 43	11 48	0 44	20 36	1 22	9 11	17 19	18 40	19 5	17 57	7 41	1 32	
F 31	5n11	7s 4	3s34	15n15	2n53	12n 2	0s11	6s53	1s 8	12n 0	1n32	8s32	2n43	11s47	0s44	20n36	1s22	9n11	17n19	18s39	19s 4	17n58	7n42	1n32	

Julian Day Number = 1993958.5, Delta T = 53m49s
Ecliptic obliquity = 23°36'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'17, Lahiri = 6°24'18 Julian Calendar 1 March 747 == Greg. Calendar 5 March 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

APRIL 747 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 48 43	14♈ 0'22	24♎27	3♉37	3♉ 6	16♓ 2	2°R40	28°R36	1♓18	9♊ 4	17°R11	22°R55	24♏39	18♉30	15♈56	S 1
S 2	12 52 39	14°58'43	9♏27	4°20	4°19	16°49	2♍35	28♎32	1°21	9° 5	17♎10	22♏53	24°36	18°37	16° 0	S 2
M 3	12 56 36	15°57'02	24°21	4°56	5°33	17°35	2°31	28°27	1°24	9° 7	17° 8	22°D52	24°33	18°43	16° 4	M 3
T 4	13 0 32	16°55'19	9♐ 4	5°27	6°46	18°21	2°27	28°23	1°27	9° 8	17° 6	22°53	24°30	18°50	16° 7	T 4
W 5	13 4 29	17°53'35	23°28	5°52	7°59	19° 7	2°24	28°19	1°29	9°10	17° 5	22°54	24°27	18°56	16°11	W 5
T 6	13 8 25	18°51'49	7♑34	6°11	9°13	19°53	2°20	28°14	1°32	9°11	17° 3	22°56	24°23	19° 3	16°15	T 6
F 7	13 12 22	19°50'02	21°18	6°25	10°26	20°39	2°17	28°10	1°34	9°13	17° 1	22°R56	24°20	19°10	16°19	F 7
S 8	13 16 19	20°48'13	4♒43	6°33	11°40	21°25	2°13	28° 5	1°37	9°14	16°59	22°55	24°17	19°16	16°23	S 8
S 9	13 20 15	21°46'23	17°50	6°R36	12°53	22°11	2°10	28° 1	1°39	9°16	16°58	22°53	24°14	19°23	16°26	S 9
M10	13 24 12	22°44'31	0♓40	6°33	14° 6	22°57	2° 7	27°56	1°42	9°18	16°56	22°49	24°11	19°30	16°30	M10
T 11	13 28 8	23°42'38	13°16	6°26	15°19	23°43	2° 5	27°52	1°44	9°19	16°54	22°45	24° 7	19°36	16°34	T 11
W12	13 32 5	24°40'43	25°40	6°13	16°33	24°29	2° 2	27°47	1°47	9°21	16°53	22°40	24° 4	19°43	16°38	W12
T 13	13 36 1	25°38'46	7♈53	5°56	17°46	25°14	2° 0	27°43	1°49	9°23	16°51	22°36	24° 1	19°50	16°41	T 13
F 14	13 39 58	26°36'48	19°56	5°35	18°59	26° 0	1°58	27°38	1°51	9°24	16°49	22°32	23°58	19°56	16°45	F 14
S 15	13 43 54	27°34'48	1♉53	5°10	20°12	26°46	1°56	27°34	1°54	9°26	16°48	22°29	23°55	20° 3	16°49	S 15
S 16	13 47 51	28°32'47	13°43	4°42	21°25	27°32	1°54	27°29	1°56	9°28	16°46	22°28	23°52	20°10	16°52	S 16
M17	13 51 48	29°30'44	25°31	4°11	22°38	28°17	1°52	27°25	1°58	9°30	16°44	22°D27	23°48	20°16	16°56	M17
T 18	13 55 44	0♉28'39	7♊17	3°37	23°51	29° 3	1°51	27°20	2° 0	9°31	16°43	22°28	23°45	20°23	17° 0	T 18
W19	13 59 41	1°26'32	19° 6	3° 2	25° 4	29°48	1°49	27°16	2° 2	9°33	16°41	22°29	23°42	20°30	17° 4	W19
T 20	14 3 37	2°24'24	1♋ 2	2°27	26°17	0♈34	1°48	27°11	2° 4	9°35	16°40	22°31	23°39	20°36	17° 7	T 20
F 21	14 7 34	3°22'14	13° 7	1°51	27°30	1°19	1°47	27° 7	2° 7	9°37	16°38	22°32	23°36	20°43	17°11	F 21
S 22	14 11 30	4°20'02	25°28	1°15	28°43	2° 4	1°47	27° 3	2° 9	9°39	16°36	22°33	23°33	20°49	17°15	S 22
S 23	14 15 27	5°17'49	8♌ 7	0°40	29°56	2°50	1°46	26°58	2°11	9°41	16°35	22°R33	23°29	20°56	17°18	S 23
M24	14 19 23	6°15'33	21°10	0° 7	1♊ 9	3°35	1°46	26°54	2°12	9°43	16°33	22°33	23°26	21° 3	17°22	M24
T 25	14 23 20	7°13'16	4♍38	29♈35	2°21	4°20	1°D46	26°49	2°14	9°45	16°32	22°32	23°23	21° 9	17°25	T 25
W26	14 27 17	8°10'58	18°34	29° 7	3°34	5° 5	1°46	26°45	2°16	9°47	16°30	22°30	23°20	21°16	17°29	W26
T 27	14 31 13	9° 8'37	2♎57	28°41	4°47	5°51	1°46	26°41	2°18	9°49	16°29	22°28	23°17	21°23	17°33	T 27
F 28	14 35 10	10° 6'15	17°42	28°18	5°59	6°36	1°46	26°36	2°20	9°51	16°27	22°27	23°13	21°29	17°36	F 28
S 29	14 39 6	11° 3'52	2♏45	28° 0	7°12	7°21	1°47	26°32	2°21	9°53	16°25	22°26	23°10	21°36	17°40	S 29
S 30	14 43 3	12♉ 1'27	17♏56	27♈45	8♊24	8♈ 6	1♍47	26♎28	2♓23	9♊55	16♎24	22°D25	23♏ 7	21♉43	17♈43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n34	11s50	2s29	15n34	2n56	12n30	0s 8	6s35	1s 8	12n 1	1n32	8s30	2n43	11s46	0s44	20n37	1s22	9n12	17n19	18s38	19s 4	17n59	7n44	1n32
S 2	5 56	15 53	1 13	15 49	2 57	12 57	0 6	6 17	1 8	12 3	1 32	8 29	2 43	11 45	0 44	20 37	1 22	9 13	17 19	18 37	19 3	18 0	7 45	1 32
M 3	6 19	18 51	0n 8	16 2	2 58	13 24	0 3	5 58	1 7	12 4	1 31	8 27	2 43	11 44	0 44	20 37	1 22	9 13	17 19	18 37	19 2	18 1	7 46	1 32
T 4	6 42	20 31	1 27	16 12	2 57	13 51	0 1	5 40	1 7	12 5	1 31	8 26	2 43	11 43	0 44	20 37	1 22	9 14	17 19	18 37	19 1	18 2	7 48	1 32
W 5	7 4	20 47	2 39	16 19	2 55	14 18	0n 2	5 22	1 7	12 6	1 31	8 24	2 43	11 42	0 44	20 38	1 22	9 15	17 19	18 37	19 0	18 3	7 49	1 32
T 6	7 26	19 43	3 40	16 22	2 52	14 44	0 5	5 3	1 7	12 7	1 31	8 22	2 43	11 41	0 44	20 38	1 21	9 15	17 19	18 38	19 0	18 4	7 51	1 32
F 7	7 48	17 31	4 27	16 23	2 47	15 10	0 7	4 45	1 7	12 9	1 31	8 21	2 44	11 41	0 44	20 38	1 21	9 16	17 19	18 38	18 59	18 5	7 52	1 32
S 8	8 10	14 24	4 57	16 20	2 41	15 35	0 10	4 27	1 7	12 10	1 31	8 19	2 44	11 40	0 44	20 39	1 21	9 16	17 19	18 38	18 58	18 6	7 53	1 32
S 9	8 32	10 39	5 12	16 14	2 34	16 1	0 13	4 8	1 6	12 11	1 30	8 18	2 44	11 39	0 44	20 39	1 21	9 17	17 19	18 37	18 57	18 7	7 55	1 32
M10	8 54	6 29	5 10	16 6	2 26	16 25	0 15	3 50	1 6	12 11	1 30	8 16	2 44	11 38	0 44	20 39	1 21	9 17	17 19	18 36	18 57	18 8	7 56	1 32
T 11	9 16	2 6	4 53	15 54	2 17	16 50	0 18	3 31	1 6	12 12	1 30	8 14	2 44	11 37	0 44	20 39	1 21	9 18	17 19	18 35	18 56	18 9	7 58	1 32
W12	9 37	2n17	4 23	15 40	2 6	17 13	0 21	3 13	1 6	12 13	1 30	8 13	2 44	11 36	0 44	20 40	1 21	9 18	17 19	18 34	18 55	18 10	7 59	1 31
T 13	9 59	6 31	3 41	15 23	1 54	17 37	0 23	2 54	1 6	12 14	1 30	8 11	2 44	11 35	0 44	20 40	1 21	9 19	17 19	18 33	18 54	18 11	8 0	1 31
F 14	10 20	10 28	2 49	15 4	1 41	18 0	0 26	2 36	1 5	12 14	1 29	8 10	2 44	11 35	0 44	20 40	1 21	9 20	17 19	18 32	18 53	18 11	8 2	1 31
S 15	10 41	13 56	1 51	14 42	1 27	18 22	0 29	2 17	1 5	12 15	1 29	8 8	2 44	11 34	0 44	20 41	1 21	9 20	17 18	18 31	18 53	18 12	8 3	1 31
S 16	11 2	16 50	0 48	14 19	1 13	18 44	0 31	1 59	1 5	12 15	1 29	8 6	2 44	11 33	0 45	20 41	1 21	9 21	17 18	18 30	18 52	18 13	8 5	1 31
M17	11 22	19 0	0s17	13 53	0 57	19 6	0 34	1 40	1 5	12 16	1 29	8 5	2 43	11 32	0 45	20 41	1 21	9 21	17 18	18 30	18 51	18 14	8 6	1 31
T 18	11 43	20 20	1 21	13 27	0 41	19 27	0 36	1 22	1 4	12 16	1 29	8 3	2 43	11 31	0 45	20 42	1 21	9 21	17 18	18 31	18 50	18 15	8 7	1 31
W19	12 3	20 47	2 22	12 59	0 24	19 47	0 39	1 3	1 4	12 16	1 28	8 2	2 43	11 31	0 45	20 42	1 21	9 22	17 18	18 31	18 49	18 16	8 9	1 31
T 20	12 23	20 18	3 17	12 31	0 7	20 7	0 42	0 45	1 4	12 16	1 28	8 0	2 43	11 30	0 45	20 42	1 21	9 22	17 18	18 31	18 49	18 17	8 10	1 31
F 21	12 43	18 53	4 5	12 2	0s10	20 27	0 44	0 27	1 4	12 17	1 28	7 59	2 43	11 29	0 45	20 42	1 21	9 23	17 18	18 32	18 48	18 18	8 12	1 31
S 22	13 3	16 34	4 42	11 33	0 28	20 46	0 47	0 8	1 3	12 17	1 28	7 57	2 43	11 29	0 45	20 43	1 21	9 23	17 17	18 32	18 47	18 19	8 13	1 31
S 23	13 22	13 25	5 7	11 5	0 45	21 4	0 49	0n10	1 3	12 17	1 27	7 55	2 43	11 28	0 45	20 43	1 21	9 24	17 17	18 32	18 46	18 20	8 14	1 31
M24	13 42	9 32	5 17	10 37	1 2	21 22	0 52	0 29	1 3	12 17	1 27	7 54	2 43	11 27	0 45	20 43	1 21	9 24	17 17	18 32	18 45	18 21	8 16	1 31
T 25	14 1	5 4	5 10	10 11	1 18	21 39	0 54	0 47	1 2	12 16	1 27	7 52	2 43	11 27	0 45	20 44	1 21	9 24	17 17	18 32	18 45	18 22	8 17	1 31
W26	14 20	0 11	4 45	9 46	1 34	21 56	0 57	1 5	1 2	12 16	1 27	7 51	2 43	11 26	0 45	20 44	1 21	9 25	17 16	18 31	18 44	18 23	8 18	1 31
T 27	14 38	4s52	4 1	9 23	1 49	22 12	0 59	1 23	1 2	12 16	1 27	7 49	2 43	11 25	0 45	20 44	1 21	9 25	17 16	18 31	18 43	18 24	8 20	1 31
F 28	14 57	9 47	3 1	9 1	2 3	22 28	1 2	1 42	1 1	12 16	1 26	7 48	2 43	11 25	0 45	20 45	1 21	9 25	17 16	18 30	18 42	18 24	8 21	1 31
S 29	15 15	14 11	1 47	8 42	2 17	22 42	1 4	2 0	1 1	12 15	1 26	7 47	2 43	11 24	0 45	20 45	1 21	9 26	17 16	18 30	18 41	18 25	8 22	1 31
S 30	15n33	17s41	0s25	8n25	2s29	22n57	1n 6	2n18	1s 1	12n15	1n26	7s45	2n43	11s24	0s45	20n45	1s21	9n26	17n15	18s30	18s41	18n26	8n24	1n31

Julian Day Number = 1993989.5, Delta T = 53m48s
Ecliptic obliquity = 23°35'59, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'21, Lahiri = 6°24'22 Julian Calendar 1 Apr. 747 == Greg. Calendar 5 Apr. 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

MAY 747 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 46 59	12♉59'01	3♐ 5	27°R35	9♊37	8♈51	1♍48	26°R24	2♓25	9♊57	16°R23	22♏26	23♏ 4	21♉49	17♈47	M 1
T 2	14 50 56	13°56'34	18° 5	27♈29	10°49	9°35	1°49	26♎19	2°26	9°59	16♎21	22°26	23° 1	21°56	17°50	T 2
W 3	14 54 52	14°54'06	2♑47	27°D27	12° 2	10°20	1°51	26°15	2°28	10° 1	16°20	22°27	22°58	22° 3	17°54	W 3
T 4	14 58 49	15°51'37	17° 6	27°30	13°14	11° 5	1°52	26°11	2°30	10° 3	16°18	22°27	22°54	22° 9	17°57	T 4
F 5	15 2 46	16°49'07	1♒ 0	27°37	14°27	11°50	1°54	26° 7	2°31	10° 5	16°17	22°28	22°51	22°16	18° 1	F 5
S 6	15 6 42	17°46'37	14°30	27°49	15°39	12°34	1°56	26° 3	2°32	10° 7	16°15	22°R28	22°48	22°22	18° 4	S 6
S 7	15 10 39	18°44'05	27°35	28° 6	16°51	13°19	1°57	25°59	2°34	10° 9	16°14	22°28	22°45	22°29	18° 7	S 7
M 8	15 14 35	19°41'32	10♓19	28°26	18° 3	14° 4	2° 0	25°55	2°35	10°11	16°13	22°28	22°42	22°36	18°11	M 8
T 9	15 18 32	20°38'59	22°46	28°51	19°16	14°48	2° 2	25°51	2°36	10°13	16°11	22°28	22°38	22°42	18°14	T 9
W10	15 22 28	21°36'25	4♈59	29°21	20°28	15°32	2° 4	25°47	2°38	10°15	16°10	22°27	22°35	22°49	18°17	W10
T 11	15 26 25	22°33'50	17° 1	29°54	21°40	16°17	2° 7	25°44	2°39	10°18	16° 9	22°D27	22°32	22°56	18°21	T 11
F 12	15 30 21	23°31'14	28°55	0♉32	22°52	17° 1	2°10	25°40	2°40	10°20	16° 8	22°27	22°29	23° 2	18°24	F 12
S 13	15 34 18	24°28'38	10♉45	1°14	24° 4	17°45	2°13	25°36	2°41	10°22	16° 6	22°27	22°26	23° 9	18°27	S 13
S 14	15 38 15	25°26'00	22°32	1°59	25°16	18°30	2°16	25°33	2°42	10°24	16° 5	22°R28	22°23	23°16	18°30	S 14
M15	15 42 11	26°23'22	4♊19	2°48	26°28	19°14	2°19	25°29	2°43	10°26	16° 4	22°27	22°19	23°22	18°34	M15
T 16	15 46 8	27°20'43	16° 8	3°41	27°40	19°58	2°23	25°26	2°44	10°28	16° 3	22°27	22°16	23°29	18°37	T 16
W17	15 50 4	28°18'03	28° 3	4°38	28°52	20°42	2°27	25°22	2°45	10°31	16° 2	22°27	22°13	23°36	18°40	W17
T 18	15 54 1	29°15'22	10♋ 4	5°38	0♋ 4	21°26	2°30	25°19	2°46	10°33	16° 0	22°26	22°10	23°42	18°43	T 18
F 19	15 57 57	0♊12'41	22°16	6°41	1°15	22°10	2°34	25°16	2°47	10°35	15°59	22°25	22° 7	23°49	18°46	F 19
S 20	16 1 54	1° 9'58	4♌40	7°48	2°27	22°54	2°39	25°12	2°48	10°37	15°58	22°24	22° 4	23°56	18°49	S 20
S 21	16 5 50	2° 7'14	17°21	8°58	3°39	23°37	2°43	25° 9	2°48	10°39	15°57	22°23	22° 0	24° 2	18°52	S 21
M22	16 9 47	3° 4'30	0♍21	10°11	4°50	24°21	2°47	25° 6	2°49	10°42	15°56	22°D23	21°57	24° 9	18°55	M22
T 23	16 13 44	4° 1'44	13°43	11°28	6° 2	25° 5	2°52	25° 3	2°50	10°44	15°55	22°23	21°54	24°15	18°58	T 23
W24	16 17 40	4°58'57	27°30	12°48	7°13	25°48	2°57	25° 0	2°50	10°46	15°54	22°24	21°51	24°22	19° 1	W24
T 25	16 21 37	5°56'10	11♎41	14°11	8°25	26°32	3° 2	24°57	2°51	10°48	15°53	22°24	21°48	24°29	19° 3	T 25
F 26	16 25 33	6°53'22	26°15	15°37	9°36	27°15	3° 7	24°55	2°51	10°51	15°53	22°26	21°44	24°35	19° 6	F 26
S 27	16 29 30	7°50'33	11♏ 8	17° 6	10°48	27°59	3°12	24°52	2°52	10°53	15°52	22°26	21°41	24°42	19° 9	S 27
S 28	16 33 26	8°47'44	26°14	18°38	11°59	28°42	3°17	24°49	2°52	10°55	15°51	22°R26	21°38	24°49	19°12	S 28
M29	16 37 23	9°44'54	11♐24	20°14	13°10	29°26	3°23	24°47	2°52	10°57	15°50	22°26	21°35	24°55	19°15	M29
T 30	16 41 19	10°42'04	26°29	21°52	14°21	0♑ 9	3°29	24°44	2°53	10°59	15°49	22°24	21°32	25° 2	19°17	T 30
W31	16 45 16	11♊39'13	11♑20	23♉33	15♋33	0♑52	3♍35	24♎42	2♓53	11♊ 2	15♎48	22♏22	21♏29	25♉ 9	19♈20	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n50	19s57	0n59	8n11	2s41	23n10	1n 9	2n36	1s 0	12n14	1n26	7s44	2n43	11s23	0s45	20n46	1s21	9n26	17n15	18s30	18s40	18n27	8n25	1n31
T 2	16 8	20 46	2 18	7 59	2 51	23 23	1 11	2 54	1 0	12 14	1 26	7 42	2 42	11 22	0 45	20 46	1 21	9 27	17 15	18 30	18 39	18 28	8 26	1 31
W 3	16 25	20 8	3 26	7 49	3 1	23 35	1 13	3 12	1 0	12 13	1 25	7 41	2 42	11 22	0 45	20 46	1 21	9 27	17 15	18 30	18 38	18 29	8 28	1 31
T 4	16 42	18 12	4 19	7 43	3 9	23 47	1 15	3 30	0 59	12 12	1 25	7 39	2 42	11 21	0 45	20 47	1 21	9 27	17 14	18 30	18 37	18 30	8 29	1 31
F 5	16 58	15 15	4 56	7 39	3 16	23 58	1 17	3 48	0 59	12 11	1 25	7 38	2 42	11 21	0 45	20 47	1 20	9 27	17 14	18 31	18 37	18 31	8 30	1 31
S 6	17 15	11 34	5 15	7 37	3 23	24 8	1 20	4 6	0 59	12 11	1 25	7 37	2 42	11 20	0 45	20 47	1 20	9 27	17 14	18 31	18 36	18 31	8 31	1 31
S 7	17 31	7 26	5 17	7 38	3 28	24 18	1 22	4 24	0 58	12 10	1 24	7 35	2 42	11 20	0 45	20 48	1 20	9 28	17 13	18 31	18 35	18 32	8 33	1 30
M 8	17 47	3 5	5 3	7 41	3 32	24 27	1 24	4 42	0 58	12 9	1 24	7 34	2 42	11 20	0 45	20 48	1 20	9 28	17 13	18 31	18 34	18 33	8 34	1 30
T 9	18 2	1n19	4 35	7 47	3 35	24 35	1 26	4 59	0 57	12 8	1 24	7 33	2 42	11 19	0 45	20 48	1 20	9 28	17 13	18 30	18 33	18 34	8 35	1 30
W10	18 17	5 35	3 55	7 56	3 37	24 43	1 28	5 17	0 57	12 7	1 24	7 32	2 41	11 19	0 45	20 49	1 20	9 28	17 12	18 30	18 32	18 35	8 37	1 30
T 11	18 32	9 34	3 5	8 6	3 39	24 49	1 29	5 34	0 57	12 5	1 24	7 30	2 41	11 18	0 45	20 49	1 20	9 28	17 12	18 30	18 32	18 36	8 38	1 30
F 12	18 47	13 9	2 7	8 19	3 39	24 55	1 31	5 52	0 56	12 4	1 23	7 29	2 41	11 18	0 45	20 49	1 20	9 28	17 11	18 30	18 31	18 36	8 39	1 30
S 13	19 1	16 10	1 5	8 34	3 38	25 1	1 33	6 9	0 56	12 3	1 23	7 28	2 41	11 18	0 45	20 50	1 20	9 29	17 11	18 30	18 30	18 37	8 40	1 30
S 14	19 15	18 31	0s 0	8 51	3 37	25 5	1 35	6 27	0 55	12 1	1 23	7 27	2 41	11 17	0 46	20 50	1 20	9 29	17 11	18 30	18 29	18 38	8 41	1 30
M15	19 29	20 5	1 5	9 10	3 35	25 9	1 36	6 44	0 55	12 0	1 23	7 26	2 41	11 17	0 46	20 50	1 20	9 29	17 10	18 30	18 28	18 39	8 43	1 30
T 16	19 42	20 45	2 8	9 30	3 32	25 13	1 38	7 1	0 54	11 59	1 22	7 25	2 40	11 17	0 46	20 51	1 20	9 29	17 10	18 30	18 28	18 40	8 44	1 30
W17	19 55	20 30	3 5	9 53	3 28	25 15	1 39	7 18	0 54	11 57	1 22	7 24	2 40	11 16	0 46	20 51	1 20	9 29	17 9	18 30	18 27	18 41	8 45	1 30
T 18	20 8	19 19	3 55	10 17	3 24	25 17	1 41	7 35	0 53	11 55	1 22	7 22	2 40	11 16	0 46	20 51	1 20	9 29	17 9	18 30	18 26	18 41	8 46	1 30
F 19	20 20	17 14	4 35	10 43	3 19	25 18	1 42	7 52	0 53	11 54	1 22	7 21	2 40	11 16	0 46	20 52	1 20	9 29	17 9	18 30	18 25	18 42	8 47	1 30
S 20	20 32	14 20	5 2	11 10	3 13	25 18	1 44	8 9	0 53	11 52	1 22	7 20	2 40	11 15	0 46	20 52	1 20	9 29	17 8	18 30	18 24	18 43	8 48	1 30
S 21	20 43	10 43	5 16	11 38	3 6	25 18	1 45	8 26	0 52	11 50	1 21	7 19	2 39	11 15	0 46	20 52	1 20	9 29	17 8	18 29	18 23	18 44	8 50	1 30
M22	20 55	6 31	5 14	12 8	2 59	25 17	1 46	8 42	0 52	11 49	1 21	7 19	2 39	11 15	0 46	20 53	1 20	9 29	17 7	18 29	18 23	18 45	8 51	1 30
T 23	21 6	1 54	4 56	12 39	2 52	25 15	1 47	8 59	0 51	11 47	1 21	7 18	2 39	11 15	0 46	20 53	1 20	9 29	17 7	18 29	18 22	18 45	8 52	1 30
W24	21 16	2s58	4 20	13 11	2 44	25 12	1 48	9 15	0 51	11 45	1 21	7 17	2 39	11 15	0 46	20 53	1 20	9 29	17 6	18 29	18 21	18 46	8 53	1 30
T 25	21 26	7 49	3 27	13 44	2 35	25 9	1 49	9 31	0 50	11 43	1 21	7 16	2 39	11 15	0 46	20 54	1 20	9 29	17 6	18 30	18 20	18 47	8 54	1 30
F 26	21 36	12 22	2 20	14 18	2 26	25 5	1 50	9 48	0 50	11 41	1 20	7 15	2 38	11 14	0 46	20 54	1 20	9 28	17 5	18 30	18 19	18 48	8 55	1 30
S 27	21 46	16 15	1 2	14 53	2 16	25 0	1 51	10 4	0 49	11 39	1 20	7 14	2 38	11 14	0 46	20 54	1 20	9 28	17 5	18 30	18 18	18 48	8 56	1 30
S 28	21 55	19 6	0n21	15 28	2 6	24 54	1 52	10 20	0 49	11 36	1 20	7 14	2 38	11 14	0 46	20 55	1 20	9 28	17 4	18 30	18 18	18 49	8 57	1 30
M29	22 4	20 36	1 43	16 3	1 56	24 48	1 52	10 36	0 48	11 34	1 20	7 13	2 38	11 14	0 46	20 55	1 20	9 28	17 4	18 30	18 17	18 50	8 58	1 30
T 30	22 12	20 36	2 57	16 40	1 45	24 41	1 53	10 52	0 47	11 32	1 20	7 12	2 38	11 14	0 46	20 55	1 20	9 28	17 3	18 30	18 16	18 51	8 59	1 30
W31	22n20	19s 9	3n59	17n16	1s34	24n34	1n53	11n 7	0s47	11n30	1n19	7s11	2n37	11s14	0s46	20n56	1s20	9n28	17n 3	18s29	18s15	18n52	9n 0	1n30

Julian Day Number = 1994019.5, Delta T = 53m47s
Ecliptic obliquity = 23°35'59, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'25, Lahiri = 6°24'26 Julian Calendar 1 May 747 == Greg. Calendar 5 May 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

JUNE 747 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 49 13	12♊36'23	25♑50	25♉17	16♋44	1♉35	3♍40	24°R40	2♓53	11♊ 4	15°R48	22°R20	21♏25	25♉15	19♈22	T 1
F 2	16 53 9	13°33'32	9♒55	27° 5	17°55	2°18	3°47	24♎38	2°53	11° 6	15♎47	22♏17	21°22	25°22	19°25	F 2
S 3	16 57 6	14°30'41	23°31	28°54	19° 6	3° 1	3°53	24°35	2°53	11° 8	15°46	22°15	21°19	25°29	19°27	S 3
S 4	17 1 2	15°27'50	6♓41	0♊47	20°16	3°44	3°59	24°33	2°R53	11°11	15°46	22°14	21°16	25°35	19°30	S 4
M 5	17 4 59	16°24'59	19°26	2°42	21°27	4°27	4° 6	24°31	2°53	11°13	15°45	22°D14	21°13	25°42	19°32	M 5
T 6	17 8 55	17°22'09	1♈50	4°40	22°38	5°10	4°12	24°30	2°53	11°15	15°45	22°14	21°10	25°48	19°35	T 6
W 7	17 12 52	18°19'18	13°59	6°40	23°49	5°52	4°19	24°28	2°53	11°17	15°44	22°16	21° 6	25°55	19°37	W 7
T 8	17 16 48	19°16'28	25°56	8°42	24°59	6°35	4°26	24°26	2°53	11°20	15°43	22°17	21° 3	26° 2	19°39	T 8
F 9	17 20 45	20°13'37	7♉45	10°46	26°10	7°17	4°33	24°25	2°53	11°22	15°43	22°19	21° 0	26° 8	19°42	F 9
S 10	17 24 42	21°10'47	19°32	12°52	27°20	8° 0	4°40	24°23	2°53	11°24	15°43	22°R20	20°57	26°15	19°44	S 10
S 11	17 28 38	22° 7'57	1♊19	14°59	28°31	8°42	4°48	24°22	2°52	11°26	15°42	22°19	20°54	26°22	19°46	S 11
M12	17 32 35	23° 5'07	13° 9	17° 7	29°41	9°25	4°55	24°20	2°52	11°28	15°42	22°18	20°50	26°28	19°48	M12
T 13	17 36 31	24° 2'18	25° 5	19°16	0♌52	10° 7	5° 3	24°19	2°52	11°31	15°41	22°14	20°47	26°35	19°50	T 13
W14	17 40 28	24°59'28	7♋ 9	21°26	2° 2	10°49	5°10	24°18	2°51	11°33	15°41	22°10	20°44	26°42	19°52	W14
T 15	17 44 24	25°56'39	19°22	23°36	3°12	11°32	5°18	24°17	2°51	11°35	15°41	22° 4	20°41	26°48	19°54	T 15
F 16	17 48 21	26°53'49	1♌45	25°46	4°22	12°14	5°26	24°16	2°50	11°37	15°41	21°58	20°38	26°55	19°56	F 16
S 17	17 52 18	27°51'00	14°21	27°55	5°32	12°56	5°34	24°15	2°50	11°39	15°40	21°53	20°35	27° 2	19°58	S 17
S 18	17 56 14	28°48'10	27°11	0♋ 4	6°42	13°38	5°42	24°15	2°49	11°41	15°40	21°48	20°31	27° 8	20° 0	S 18
M19	18 0 11	29°45'20	10♍15	2°13	7°52	14°19	5°51	24°14	2°48	11°44	15°40	21°45	20°28	27°15	20° 2	M19
T 20	18 4 7	0♋42'31	23°37	4°20	9° 2	15° 1	5°59	24°13	2°48	11°46	15°40	21°43	20°25	27°22	20° 4	T 20
W21	18 8 4	1°39'41	7♎17	6°27	10°11	15°43	6° 7	24°13	2°47	11°48	15°40	21°D43	20°22	27°28	20° 5	W21
T 22	18 12 0	2°36'52	21°16	8°32	11°21	16°25	6°16	24°13	2°46	11°50	15°40	21°44	20°19	27°35	20° 7	T 22
F 23	18 15 57	3°34'03	5♏34	10°35	12°31	17° 6	6°25	24°12	2°45	11°52	15°D40	21°45	20°16	27°41	20° 8	F 23
S 24	18 19 53	4°31'14	20°10	12°38	13°40	17°48	6°34	24°12	2°44	11°54	15°40	21°R46	20°12	27°48	20°10	S 24
S 25	18 23 50	5°28'25	4♐58	14°38	14°49	18°29	6°43	24°D12	2°43	11°56	15°40	21°45	20° 9	27°55	20°12	S 25
M26	18 27 47	6°25'36	19°55	16°37	15°59	19°10	6°52	24°12	2°42	11°58	15°40	21°43	20° 6	28° 1	20°13	M26
T 27	18 31 43	7°22'48	4♑50	18°34	17° 8	19°52	7° 1	24°12	2°41	12° 1	15°40	21°38	20° 3	28° 8	20°14	T 27
W28	18 35 40	8°20'01	19°37	20°30	18°17	20°33	7°10	24°12	2°40	12° 3	15°40	21°32	20° 0	28°15	20°16	W28
T 29	18 39 36	9°17'14	4♒ 7	22°24	19°26	21°14	7°19	24°13	2°39	12° 5	15°40	21°25	19°56	28°21	20°17	T 29
F 30	18 43 33	10♋14'28	18♒14	24♋16	20♌35	21♉55	7♍29	24♎13	2♓38	12♊ 7	15♎41	21♏17	19♏53	28♉28	20♈18	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n28	16s29	4n43	17n52	1s23	24n26	1n54	11n23	0s46	11n27	1n19	7s11	2n37	11s14	0s46	20n56	1s20	9n27	17n 2	18s28	18s14	18n52	9n 1	1n30
F 2	22 35	12 56	5 8	18 28	1 12	24 17	1 54	11 38	0 46	11 25	1 19	7 10	2 37	11 14	0 46	20 56	1 20	9 27	17 2	18 28	18 13	18 53	9 2	1 30
S 3	22 42	8 48	5 16	19 4	1 0	24 7	1 54	11 54	0 45	11 22	1 19	7 10	2 37	11 14	0 46	20 56	1 20	9 27	17 1	18 27	18 13	18 54	9 3	1 30
S 4	22 48	4 23	5 6	19 39	0 49	23 57	1 55	12 9	0 45	11 20	1 19	7 9	2 36	11 14	0 46	20 57	1 20	9 27	17 1	18 27	18 12	18 54	9 4	1 30
M 5	22 54	0n 6	4 41	20 14	0 37	23 46	1 55	12 24	0 44	11 17	1 18	7 9	2 36	11 14	0 46	20 57	1 20	9 27	17 0	18 27	18 11	18 55	9 5	1 30
T 6	23 0	4 27	4 3	20 48	0 25	23 34	1 55	12 39	0 44	11 15	1 18	7 8	2 36	11 14	0 46	20 57	1 20	9 26	17 0	18 27	18 10	18 56	9 6	1 30
W 7	23 5	8 33	3 16	21 20	0 14	23 22	1 55	12 54	0 43	11 12	1 18	7 8	2 36	11 14	0 46	20 58	1 20	9 26	16 59	18 27	18 9	18 57	9 7	1 30
T 8	23 10	12 15	2 20	21 51	0 3	23 9	1 54	13 8	0 42	11 9	1 18	7 7	2 35	11 14	0 46	20 58	1 20	9 26	16 59	18 28	18 8	18 57	9 8	1 30
F 9	23 14	15 26	1 19	22 21	0n 8	22 56	1 54	13 23	0 42	11 7	1 18	7 7	2 35	11 14	0 47	20 58	1 20	9 25	16 58	18 28	18 8	18 58	9 9	1 30
S 10	23 18	17 59	0 15	22 49	0 19	22 41	1 54	13 37	0 41	11 4	1 17	7 7	2 35	11 14	0 47	20 59	1 20	9 25	16 58	18 28	18 7	18 59	9 9	1 30
S 11	23 22	19 46	0s49	23 14	0 30	22 27	1 53	13 51	0 41	11 1	1 17	7 7	2 35	11 15	0 47	20 59	1 20	9 25	16 57	18 28	18 6	18 59	9 10	1 30
M12	23 25	20 41	1 52	23 38	0 40	22 11	1 53	14 6	0 40	10 58	1 17	7 6	2 34	11 15	0 47	20 59	1 20	9 24	16 56	18 28	18 5	19 0	9 11	1 30
T 13	23 28	20 41	2 50	23 59	0 49	21 55	1 52	14 20	0 39	10 55	1 17	7 6	2 34	11 15	0 47	21 0	1 20	9 24	16 56	18 27	18 4	19 1	9 12	1 30
W14	23 30	19 44	3 41	24 17	0 58	21 39	1 51	14 34	0 39	10 52	1 17	7 6	2 34	11 15	0 47	21 0	1 20	9 23	16 55	18 26	18 3	19 2	9 13	1 30
T 15	23 32	17 52	4 22	24 33	1 6	21 22	1 51	14 47	0 38	10 49	1 17	7 6	2 34	11 15	0 47	21 0	1 20	9 23	16 55	18 24	18 3	19 2	9 13	1 30
F 16	23 34	15 9	4 52	24 46	1 14	21 4	1 50	15 1	0 37	10 46	1 16	7 6	2 33	11 15	0 47	21 0	1 20	9 23	16 54	18 23	18 2	19 3	9 14	1 30
S 17	23 35	11 43	5 9	24 56	1 21	20 46	1 49	15 14	0 37	10 43	1 16	7 6	2 33	11 16	0 47	21 1	1 20	9 22	16 54	18 21	18 1	19 4	9 15	1 30
S 18	23 36	7 41	5 10	25 3	1 27	20 27	1 48	15 28	0 36	10 39	1 16	7 6	2 33	11 16	0 47	21 1	1 20	9 22	16 53	18 20	18 0	19 4	9 16	1 30
M19	23 36	3 13	4 55	25 7	1 33	20 8	1 46	15 41	0 36	10 36	1 16	7 6	2 33	11 16	0 47	21 1	1 20	9 21	16 52	18 19	17 59	19 5	9 16	1 30
T 20	23 36	1s30	4 25	25 9	1 37	19 48	1 45	15 54	0 35	10 33	1 16	7 6	2 32	11 17	0 47	21 2	1 20	9 21	16 52	18 19	17 58	19 6	9 17	1 30
W21	23 35	6 15	3 38	25 8	1 41	19 28	1 44	16 7	0 34	10 30	1 16	7 6	2 32	11 17	0 47	21 2	1 20	9 20	16 51	18 19	17 57	19 6	9 18	1 30
T 22	23 34	10 47	2 38	25 4	1 45	19 7	1 42	16 19	0 34	10 26	1 15	7 6	2 32	11 17	0 47	21 2	1 20	9 20	16 51	18 19	17 57	19 7	9 18	1 30
F 23	23 33	14 50	1 27	24 57	1 47	18 46	1 41	16 32	0 33	10 23	1 15	7 6	2 32	11 18	0 47	21 2	1 20	9 19	16 50	18 19	17 56	19 8	9 19	1 30
S 24	23 31	18 3	0 9	24 48	1 49	18 25	1 39	16 44	0 32	10 19	1 15	7 6	2 31	11 18	0 47	21 3	1 20	9 19	16 50	18 20	17 55	19 8	9 20	1 30
S 25	23 29	20 6	1n11	24 37	1 50	18 3	1 37	16 56	0 32	10 16	1 15	7 6	2 31	11 18	0 47	21 3	1 20	9 18	16 49	18 20	17 54	19 9	9 20	1 30
M26	23 27	20 47	2 27	24 24	1 51	17 40	1 35	17 8	0 31	10 12	1 15	7 7	2 31	11 19	0 47	21 3	1 20	9 18	16 48	18 19	17 53	19 10	9 21	1 30
T 27	23 24	19 59	3 32	24 8	1 51	17 17	1 33	17 20	0 30	10 9	1 15	7 7	2 30	11 19	0 47	21 3	1 20	9 17	16 48	18 18	17 52	19 10	9 21	1 30
W28	23 20	17 50	4 22	23 50	1 50	16 54	1 31	17 32	0 29	10 5	1 15	7 7	2 30	11 19	0 47	21 4	1 20	9 16	16 47	18 16	17 51	19 11	9 22	1 30
T 29	23 16	14 35	4 54	23 31	1 49	16 30	1 29	17 44	0 29	10 2	1 14	7 8	2 30	11 20	0 47	21 4	1 20	9 16	16 47	18 14	17 51	19 11	9 22	1 30
F 30	23n12	10s35	5n 8	23n 9	1n47	16n 6	1n27	17n55	0s28	9n58	1n14	7s 8	2n30	11s20	0s47	21n 4	1s20	9n15	16n46	18s12	17s50	19n12	9n23	1n30

Julian Day Number = 1994050.5, Delta T = 53m47s
Ecliptic obliquity = 23°35'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'30, Lahiri = 6°24'30 Julian Calendar 1 June 747 == Greg. Calendar 5 June 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

JULY 747 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 47 29	11♋11'42	1♓54	26♋ 6	21♌43	22♉36	7♍38	24♎14	2°R37	12♊ 9	15♎41	21°R11	19♏50	28♉35	20♈19	S 1
S 2	18 51 26	12° 8'58	15° 8	27°55	22°52	23°17	7°48	24°14	2♓36	12°11	15°41	21♏ 6	19°47	28°41	20°21	S 2
M 3	18 55 22	13° 6'14	27°56	29°41	24° 1	23°58	7°58	24°15	2°34	12°13	15°41	21° 3	19°44	28°48	20°22	M 3
T 4	18 59 19	14° 3'32	10♈21	1♌27	25° 9	24°39	8° 8	24°16	2°33	12°15	15°42	21°D 1	19°41	28°55	20°23	T 4
W 5	19 3 16	15° 0'50	22°30	3°10	26°17	25°19	8°17	24°17	2°32	12°17	15°42	21° 2	19°37	29° 1	20°24	W 5
T 6	19 7 12	15°58'10	4♉26	4°52	27°26	26° 0	8°27	24°18	2°30	12°19	15°43	21° 3	19°34	29° 8	20°25	T 6
F 7	19 11 9	16°55'30	16°15	6°31	28°34	26°40	8°38	24°19	2°29	12°20	15°43	21°R 3	19°31	29°15	20°26	F 7
S 8	19 15 5	17°52'52	28° 1	8°10	29°42	27°21	8°48	24°20	2°27	12°22	15°44	21° 3	19°28	29°21	20°26	S 8
S 9	19 19 2	18°50'15	9♊51	9°46	0♍50	28° 1	8°58	24°21	2°26	12°24	15°44	21° 1	19°25	29°28	20°27	S 9
M10	19 22 58	19°47'39	21°46	11°21	1°57	28°41	9° 8	24°23	2°24	12°26	15°45	20°57	19°22	29°34	20°28	M10
T 11	19 26 55	20°45'04	3♋51	12°54	3° 5	29°22	9°19	24°24	2°23	12°28	15°45	20°50	19°18	29°41	20°28	T 11
W12	19 30 51	21°42'30	16° 7	14°25	4°13	0♊ 2	9°29	24°26	2°21	12°30	15°46	20°42	19°15	29°48	20°29	W12
T 13	19 34 48	22°39'57	28°35	15°55	5°20	0°42	9°40	24°27	2°19	12°32	15°47	20°31	19°12	29°54	20°30	T 13
F 14	19 38 45	23°37'26	11♌16	17°22	6°27	1°22	9°51	24°29	2°18	12°33	15°47	20°20	19° 9	0♊ 1	20°30	F 14
S 15	19 42 41	24°34'55	24°10	18°49	7°34	2° 2	10° 1	24°31	2°16	12°35	15°48	20°10	19° 6	0° 8	20°31	S 15
S 16	19 46 38	25°32'25	7♍16	20°13	8°41	2°41	10°12	24°33	2°14	12°37	15°49	20° 0	19° 2	0°14	20°31	S 16
M17	19 50 34	26°29'56	20°35	21°35	9°48	3°21	10°23	24°35	2°12	12°39	15°50	19°53	18°59	0°21	20°31	M17
T 18	19 54 31	27°27'28	4♎ 5	22°56	10°55	4° 1	10°34	24°37	2°11	12°40	15°50	19°49	18°56	0°28	20°31	T 18
W19	19 58 27	28°25'01	17°47	24°14	12° 1	4°40	10°45	24°39	2° 9	12°42	15°51	19°47	18°53	0°34	20°32	W19
T 20	20 2 24	29°22'34	1♏41	25°31	13° 8	5°20	10°56	24°42	2° 7	12°44	15°52	19°D46	18°50	0°41	20°32	T 20
F 21	20 6 20	0♌20'09	15°47	26°46	14°14	5°59	11° 7	24°44	2° 5	12°45	15°53	19°R46	18°47	0°48	20°32	F 21
S 22	20 10 17	1°17'45	0♐ 5	27°58	15°20	6°38	11°19	24°47	2° 3	12°47	15°54	19°46	18°43	0°54	20°R32	S 22
S 23	20 14 14	2°15'22	14°33	29° 9	16°26	7°17	11°30	24°49	2° 1	12°49	15°55	19°44	18°40	1° 1	20°32	S 23
M24	20 18 10	3°13'00	29° 6	0♍17	17°32	7°56	11°41	24°52	1°59	12°50	15°56	19°40	18°37	1° 8	20°32	M24
T 25	20 22 7	4°10'39	13♑41	1°23	18°37	8°35	11°53	24°55	1°57	12°52	15°57	19°33	18°34	1°14	20°32	T 25
W26	20 26 3	5° 8'19	28° 9	2°26	19°43	9°14	12° 4	24°58	1°55	12°53	15°58	19°23	18°31	1°21	20°32	W26
T 27	20 30 0	6° 6'01	12♒26	3°27	20°48	9°53	12°16	25° 1	1°53	12°55	15°59	19°12	18°28	1°27	20°31	T 27
F 28	20 33 56	7° 3'44	26°24	4°26	21°53	10°32	12°27	25° 4	1°51	12°56	16° 1	19° 1	18°24	1°34	20°31	F 28
S 29	20 37 53	8° 1'28	10♓ 0	5°21	22°57	11°10	12°39	25° 7	1°49	12°58	16° 2	18°50	18°21	1°41	20°31	S 29
S 30	20 41 49	8°59'14	23°11	6°14	24° 2	11°49	12°51	25°10	1°47	12°59	16° 3	18°41	18°18	1°47	20°30	S 30
M31	20 45 46	9♌57'02	5♈59	7♍ 3	25♍ 6	12♊27	13♍ 3	25♎13	1♓44	13♊ 1	16♎ 4	18♏35	18♏15	1♊54	20♈30	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	6s 9	5n 3	22n46	1n44	15n41	1n24	18n 6	0s27	9n54	1n14	7s 9	2n29	11s21	0s47	21n 5	1s20	9n14	16n45	18s10	17s49	19n13	9n23	1n30
S 2	23 2	1 34	4 42	22 22	1 41	15 16	1 22	18 17	0 27	9 51	1 14	7 9	2 29	11 21	0 47	21 5	1 20	9 14	16 45	18 9	17 48	19 13	9 24	1 30
M 3	22 57	2n56	4 7	21 56	1 37	14 51	1 19	18 28	0 26	9 47	1 14	7 9	2 29	11 22	0 47	21 5	1 20	9 13	16 44	18 8	17 47	19 14	9 24	1 30
T 4	22 51	7 13	3 21	21 29	1 33	14 26	1 17	18 39	0 25	9 43	1 14	7 10	2 29	11 22	0 47	21 5	1 20	9 13	16 44	18 8	17 46	19 15	9 25	1 30
W 5	22 45	11 5	2 28	21 1	1 29	14 0	1 14	18 50	0 24	9 39	1 14	7 11	2 28	11 23	0 47	21 5	1 20	9 12	16 43	18 8	17 45	19 15	9 25	1 30
T 6	22 38	14 28	1 28	20 32	1 24	13 33	1 11	19 0	0 24	9 35	1 13	7 11	2 28	11 23	0 47	21 6	1 20	9 11	16 42	18 8	17 45	19 16	9 25	1 30
F 7	22 31	17 13	0 26	20 1	1 18	13 7	1 8	19 10	0 23	9 31	1 13	7 12	2 28	11 24	0 48	21 6	1 20	9 10	16 42	18 8	17 44	19 16	9 26	1 31
S 8	22 24	19 15	0s37	19 30	1 12	12 40	1 5	19 20	0 22	9 27	1 13	7 13	2 28	11 24	0 48	21 6	1 20	9 10	16 41	18 8	17 43	19 17	9 26	1 31
S 9	22 16	20 26	1 39	18 59	1 6	12 13	1 2	19 30	0 21	9 23	1 13	7 13	2 27	11 25	0 48	21 6	1 20	9 9	16 41	18 8	17 42	19 17	9 26	1 31
M10	22 8	20 44	2 37	18 26	0 59	11 46	0 59	19 40	0 21	9 19	1 13	7 14	2 27	11 26	0 48	21 7	1 20	9 8	16 40	18 7	17 41	19 18	9 27	1 31
T 11	21 59	20 4	3 28	17 53	0 52	11 18	0 55	19 49	0 20	9 15	1 13	7 15	2 27	11 26	0 48	21 7	1 20	9 7	16 40	18 5	17 40	19 19	9 27	1 31
W12	21 50	18 28	4 11	17 20	0 45	10 50	0 52	19 59	0 19	9 11	1 13	7 16	2 26	11 27	0 48	21 7	1 20	9 7	16 39	18 3	17 39	19 19	9 27	1 31
T 13	21 41	15 59	4 42	16 46	0 37	10 22	0 48	20 8	0 18	9 7	1 13	7 17	2 26	11 27	0 48	21 7	1 20	9 6	16 38	18 0	17 38	19 20	9 27	1 31
F 14	21 31	12 42	5 0	16 11	0 29	9 54	0 45	20 17	0 18	9 3	1 12	7 17	2 26	11 28	0 48	21 7	1 20	9 5	16 38	17 57	17 38	19 20	9 27	1 31
S 15	21 21	8 48	5 3	15 37	0 21	9 25	0 41	20 26	0 17	8 59	1 12	7 18	2 26	11 29	0 48	21 8	1 20	9 4	16 37	17 54	17 37	19 21	9 28	1 31
S 16	21 10	4 25	4 50	15 2	0 12	8 56	0 37	20 35	0 16	8 54	1 12	7 19	2 25	11 29	0 48	21 8	1 20	9 3	16 37	17 52	17 36	19 21	9 28	1 31
M17	21 0	0s15	4 21	14 27	0 3	8 27	0 33	20 43	0 15	8 50	1 12	7 20	2 25	11 30	0 48	21 8	1 20	9 3	16 36	17 50	17 35	19 22	9 28	1 31
T 18	20 48	4 58	3 38	13 52	0s 6	7 58	0 29	20 51	0 14	8 46	1 12	7 21	2 25	11 31	0 48	21 8	1 20	9 2	16 35	17 48	17 34	19 23	9 28	1 31
W19	20 37	9 30	2 42	13 18	0 15	7 29	0 25	20 59	0 14	8 41	1 12	7 22	2 25	11 31	0 48	21 8	1 20	9 1	16 35	17 48	17 33	19 23	9 28	1 31
T 20	20 25	13 37	1 35	12 43	0 25	7 0	0 21	21 7	0 13	8 37	1 12	7 24	2 24	11 32	0 48	21 9	1 21	9 0	16 34	17 48	17 32	19 24	9 28	1 31
F 21	20 13	17 1	0 21	12 8	0 34	6 30	0 17	21 15	0 12	8 33	1 12	7 25	2 24	11 33	0 48	21 9	1 21	8 59	16 34	17 48	17 31	19 24	9 28	1 31
S 22	20 0	19 25	0n55	11 34	0 44	6 0	0 12	21 23	0 11	8 28	1 12	7 26	2 24	11 34	0 48	21 9	1 21	8 58	16 33	17 48	17 31	19 25	9 28	1 31
S 23	19 47	20 35	2 8	11 0	0 54	5 31	0 8	21 30	0 10	8 24	1 11	7 27	2 24	11 34	0 48	21 9	1 21	8 57	16 33	17 47	17 30	19 25	9 28	1 31
M24	19 34	20 23	3 13	10 27	1 4	5 1	0 3	21 37	0 9	8 19	1 11	7 28	2 23	11 35	0 48	21 9	1 21	8 57	16 32	17 46	17 29	19 26	9 28	1 31
T 25	19 21	18 50	4 5	9 54	1 15	4 31	0s 1	21 44	0 9	8 15	1 11	7 29	2 23	11 36	0 48	21 10	1 21	8 56	16 32	17 44	17 28	19 26	9 28	1 31
W26	19 7	16 4	4 41	9 21	1 25	4 1	0 6	21 51	0 8	8 10	1 11	7 31	2 23	11 37	0 48	21 10	1 21	8 55	16 31	17 42	17 27	19 27	9 28	1 31
T 27	18 52	12 24	4 59	8 49	1 35	3 31	0 11	21 58	0 7	8 6	1 11	7 32	2 23	11 37	0 48	21 10	1 21	8 54	16 30	17 38	17 26	19 27	9 28	1 31
F 28	18 38	8 7	4 59	8 18	1 46	3 0	0 15	22 5	0 6	8 1	1 11	7 33	2 22	11 38	0 48	21 10	1 21	8 53	16 30	17 35	17 25	19 28	9 28	1 31
S 29	18 23	3 32	4 41	7 48	1 56	2 30	0 20	22 11	0 5	7 57	1 11	7 35	2 22	11 39	0 48	21 10	1 21	8 52	16 29	17 32	17 24	19 28	9 28	1 31
S 30	18 8	1n 5	4 9	7 19	2 7	2 0	0 25	22 17	0 4	7 52	1 11	7 36	2 22	11 40	0 48	21 10	1 21	8 51	16 29	17 30	17 24	19 29	9 28	1 31
M31	17n52	5n32	3n25	6n51	2s18	1n30	0s30	22n23	0s 3	7n48	1n11	7s38	2n22	11s40	0s48	21n11	1s21	8n50	16n28	17s28	17s23	19n29	9n28	1n31

Julian Day Number = 1994080.5, Delta T = 53m46s
Ecliptic obliquity = 23°35'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'34, Lahiri = 6°24'34 Julian Calendar 1 July 747 == Greg. Calendar 5 July 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

AUGUST 747 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 49 43	10♌54'52	18♈25	7♍49	26♍10	13♊ 6	13♍14	25♎17	1°R42	13♊ 2	16♎ 5	18°R31	18♏12	2♊ 1	20°R29	T 1
W 2	20 53 39	11°52'43	0♉34	8°32	27°14	13°44	13°26	25°20	1♓40	13° 3	16° 7	18♏30	18° 8	2° 7	20♈29	W 2
T 3	20 57 36	12°50'36	12°31	9°11	28°18	14°22	13°38	25°24	1°38	13° 5	16° 8	18°29	18° 5	2°14	20°28	T 3
F 4	21 1 32	13°48'32	24°21	9°46	29°22	15° 0	13°50	25°27	1°36	13° 6	16° 9	18°29	18° 2	2°21	20°27	F 4
S 5	21 5 29	14°46'29	6♊ 9	10°17	0♎25	15°38	14° 2	25°31	1°33	13° 7	16°11	18°29	17°59	2°27	20°27	S 5
S 6	21 9 25	15°44'28	18° 1	10°44	1°28	16°16	14°15	25°35	1°31	13° 8	16°12	18°26	17°56	2°34	20°26	S 6
M 7	21 13 22	16°42'28	0♋ 1	11° 6	2°31	16°54	14°27	25°38	1°29	13°10	16°14	18°21	17°53	2°41	20°25	M 7
T 8	21 17 18	17°40'31	12°13	11°22	3°33	17°31	14°39	25°42	1°26	13°11	16°15	18°13	17°49	2°47	20°24	T 8
W 9	21 21 15	18°38'36	24°41	11°34	4°35	18° 9	14°51	25°46	1°24	13°12	16°17	18° 3	17°46	2°54	20°23	W 9
T 10	21 25 12	19°36'42	7♌25	11°40	5°37	18°47	15° 3	25°51	1°22	13°13	16°18	17°51	17°43	3° 1	20°22	T 10
F 11	21 29 8	20°34'50	20°25	11°R41	6°39	19°24	15°16	25°55	1°19	13°14	16°20	17°38	17°40	3° 7	20°21	F 11
S 12	21 33 5	21°33'00	3♍41	11°35	7°40	20° 1	15°28	25°59	1°17	13°15	16°21	17°25	17°37	3°14	20°20	S 12
S 13	21 37 1	22°31'12	17°10	11°23	8°41	20°38	15°41	26° 3	1°15	13°16	16°23	17°14	17°33	3°21	20°19	S 13
M14	21 40 58	23°29'25	0♎50	11° 5	9°42	21°15	15°53	26° 8	1°12	13°17	16°25	17° 5	17°30	3°27	20°17	M14
T 15	21 44 54	24°27'40	14°39	10°41	10°43	21°52	16° 5	26°12	1°10	13°18	16°26	17° 0	17°27	3°34	20°16	T 15
W16	21 48 51	25°25'56	28°34	10°10	11°43	22°29	16°18	26°17	1° 8	13°19	16°28	16°57	17°24	3°40	20°15	W16
T 17	21 52 47	26°24'14	12♏34	9°32	12°43	23° 6	16°31	26°21	1° 5	13°20	16°30	16°D56	17°21	3°47	20°13	T 17
F 18	21 56 44	27°22'34	26°39	8°49	13°42	23°42	16°43	26°26	1° 3	13°21	16°31	16°R56	17°18	3°54	20°12	F 18
S 19	22 0 40	28°20'55	10♐47	8° 1	14°41	24°19	16°56	26°31	1° 0	13°22	16°33	16°56	17°14	4° 0	20°11	S 19
S 20	22 4 37	29°19'18	24°57	7° 8	15°40	24°55	17° 8	26°35	0°58	13°23	16°35	16°54	17°11	4° 7	20° 9	S 20
M21	22 8 34	0♑17'43	9♑ 8	6°10	16°38	25°31	17°21	26°40	0°55	13°24	16°37	16°49	17° 8	4°14	20° 7	M21
T 22	22 12 30	1°16'09	23°17	5°10	17°36	26° 7	17°34	26°45	0°53	13°24	16°39	16°42	17° 5	4°20	20° 6	T 22
W23	22 16 27	2°14'37	7♒20	4° 8	18°33	26°43	17°47	26°50	0°51	13°25	16°41	16°32	17° 2	4°27	20° 4	W23
T 24	22 20 23	3°13'06	21°13	3° 6	19°30	27°19	17°59	26°55	0°48	13°26	16°42	16°21	16°59	4°34	20° 2	T 24
F 25	22 24 20	4°11'38	4♓51	2° 5	20°27	27°55	18°12	27° 1	0°46	13°26	16°44	16°10	16°55	4°40	20° 1	F 25
S 26	22 28 16	5°10'11	18°12	1° 6	21°23	28°31	18°25	27° 6	0°43	13°27	16°46	15°59	16°52	4°47	19°59	S 26
S 27	22 32 13	6° 8'47	1♈14	0°12	22°18	29° 6	18°38	27°11	0°41	13°28	16°48	15°50	16°49	4°54	19°57	S 27
M28	22 36 9	7° 7'24	13°55	29♌23	23°14	29°42	18°51	27°16	0°39	13°28	16°50	15°43	16°46	5° 0	19°55	M28
T 29	22 40 6	8° 6'04	26°18	28°41	24° 8	0♋17	19° 3	27°22	0°36	13°29	16°52	15°39	16°43	5° 7	19°53	T 29
W30	22 44 3	9° 4'46	8♉26	28° 6	25° 2	0°52	19°16	27°27	0°34	13°29	16°54	15°37	16°39	5°14	19°51	W30
T 31	22 47 59	10♍ 3'31	20♉23	27♌41	25♎56	1♋27	19♍29	27♎33	0♓32	13♊30	16♎56	15°D37	16♏36	5♊20	19♈49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n37	9n37	2n32	6n24	2s28	0n59	0s35	22n29	0s 3	7n43	1n11	7s39	2n21	11s41	0s48	21n11	1s21	8n49	16n28	17s27	17s22	19n30	9n27	1n31
W 2	17 21	13 12	1 34	5 59	2 38	0 29	0 41	22 34	0 2	7 38	1 11	7 41	2 21	11 42	0 48	21 11	1 21	8 48	16 27	17 27	17 21	19 30	9 27	1 31
T 3	17 4	16 12	0 32	5 34	2 49	0s 1	0 46	22 40	0 1	7 34	1 11	7 42	2 21	11 43	0 48	21 11	1 21	8 47	16 27	17 27	17 20	19 31	9 27	1 31
F 4	16 48	18 29	0s31	5 12	2 59	0 32	0 51	22 45	0n 0	7 29	1 10	7 44	2 21	11 44	0 48	21 11	1 21	8 46	16 26	17 27	17 19	19 31	9 27	1 31
S 5	16 31	19 58	1 32	4 51	3 9	1 2	0 57	22 50	0 1	7 24	1 10	7 45	2 20	11 45	0 48	21 11	1 21	8 45	16 26	17 26	17 18	19 32	9 26	1 31
S 6	16 13	20 34	2 30	4 32	3 18	1 32	1 2	22 55	0 2	7 19	1 10	7 47	2 20	11 45	0 48	21 11	1 21	8 44	16 25	17 26	17 17	19 32	9 26	1 31
M 7	15 56	20 15	3 21	4 15	3 27	2 2	1 8	23 0	0 3	7 14	1 10	7 48	2 20	11 46	0 48	21 11	1 21	8 43	16 25	17 24	17 16	19 33	9 26	1 31
T 8	15 38	18 59	4 4	4 1	3 36	2 32	1 13	23 4	0 4	7 10	1 10	7 50	2 20	11 47	0 48	21 12	1 21	8 42	16 24	17 22	17 16	19 33	9 25	1 31
W 9	15 20	16 48	4 36	3 49	3 44	3 2	1 19	23 9	0 5	7 5	1 10	7 52	2 19	11 48	0 48	21 12	1 21	8 41	16 24	17 19	17 15	19 33	9 25	1 31
T 10	15 2	13 47	4 56	3 39	3 52	3 32	1 25	23 13	0 6	7 0	1 10	7 53	2 19	11 49	0 48	21 12	1 21	8 40	16 23	17 16	17 14	19 34	9 25	1 31
F 11	14 44	10 2	5 0	3 33	3 59	4 2	1 30	23 17	0 6	6 55	1 10	7 55	2 19	11 50	0 48	21 12	1 21	8 39	16 23	17 12	17 13	19 34	9 24	1 31
S 12	14 25	5 44	4 49	3 29	4 5	4 32	1 36	23 21	0 7	6 50	1 10	7 57	2 19	11 50	0 48	21 12	1 21	8 38	16 22	17 9	17 12	19 35	9 24	1 31
S 13	14 6	1 6	4 21	3 29	4 10	5 2	1 42	23 24	0 8	6 45	1 10	7 59	2 18	11 51	0 48	21 12	1 21	8 37	16 22	17 5	17 11	19 35	9 23	1 31
M14	13 47	3s40	3 38	3 32	4 14	5 31	1 48	23 28	0 9	6 40	1 10	8 0	2 18	11 52	0 48	21 12	1 21	8 36	16 21	17 3	17 10	19 36	9 23	1 31
T 15	13 27	8 18	2 42	3 39	4 17	6 1	1 54	23 31	0 10	6 36	1 10	8 2	2 18	11 53	0 48	21 12	1 21	8 35	16 21	17 1	17 9	19 36	9 22	1 31
W16	13 8	12 32	1 36	3 49	4 18	6 30	2 0	23 34	0 11	6 31	1 10	8 4	2 18	11 54	0 48	21 12	1 21	8 34	16 21	17 1	17 8	19 37	9 22	1 31
T 17	12 48	16 5	0 23	4 4	4 18	6 59	2 6	23 37	0 12	6 26	1 10	8 6	2 18	11 55	0 48	21 12	1 21	8 33	16 20	17 0	17 7	19 37	9 21	1 31
F 18	12 28	18 42	0n51	4 22	4 16	7 28	2 12	23 40	0 13	6 21	1 10	8 8	2 17	11 56	0 48	21 12	1 21	8 32	16 20	17 0	17 7	19 37	9 21	1 31
S 19	12 8	20 11	2 3	4 43	4 12	7 57	2 18	23 43	0 14	6 16	1 10	8 10	2 17	11 56	0 48	21 13	1 21	8 31	16 19	17 0	17 6	19 38	9 20	1 31
S 20	11 47	20 23	3 7	5 8	4 7	8 25	2 24	23 45	0 15	6 11	1 10	8 12	2 17	11 57	0 48	21 13	1 21	8 30	16 19	17 0	17 5	19 38	9 20	1 31
M21	11 27	19 18	4 0	5 36	3 59	8 54	2 30	23 47	0 16	6 6	1 10	8 14	2 17	11 58	0 48	21 13	1 22	8 29	16 18	16 58	17 4	19 39	9 19	1 31
T 22	11 6	17 1	4 37	6 7	3 50	9 22	2 37	23 50	0 17	6 1	1 9	8 16	2 17	11 59	0 48	21 13	1 22	8 28	16 18	16 56	17 3	19 39	9 19	1 31
W23	10 45	13 45	4 58	6 40	3 38	9 50	2 43	23 52	0 18	5 56	1 9	8 18	2 16	12 0	0 48	21 13	1 22	8 27	16 18	16 54	17 2	19 39	9 18	1 31
T 24	10 24	9 46	5 1	7 15	3 25	10 17	2 49	23 53	0 19	5 51	1 9	8 20	2 16	12 1	0 48	21 13	1 22	8 25	16 17	16 50	17 1	19 40	9 17	1 31
F 25	10 2	5 21	4 46	7 51	3 10	10 45	2 55	23 55	0 20	5 46	1 9	8 22	2 16	12 2	0 48	21 13	1 22	8 24	16 17	16 47	17 0	19 40	9 17	1 31
S 26	9 41	0 46	4 16	8 27	2 53	11 12	3 2	23 57	0 21	5 40	1 9	8 24	2 16	12 2	0 48	21 13	1 22	8 23	16 16	16 44	16 59	19 40	9 16	1 31
S 27	9 19	3n45	3 33	9 3	2 36	11 39	3 8	23 58	0 22	5 35	1 9	8 26	2 16	12 3	0 48	21 13	1 22	8 22	16 16	16 41	16 58	19 41	9 15	1 31
M28	8 57	7 59	2 40	9 38	2 17	12 5	3 14	23 59	0 23	5 30	1 9	8 28	2 15	12 4	0 48	21 13	1 22	8 21	16 16	16 39	16 57	19 41	9 14	1 31
T 29	8 35	11 47	1 41	10 11	1 58	12 31	3 21	24 0	0 24	5 25	1 9	8 30	2 15	12 5	0 48	21 13	1 22	8 20	16 15	16 38	16 57	19 42	9 14	1 31
W30	8 13	15 1	0 38	10 41	1 38	12 57	3 27	24 1	0 25	5 20	1 9	8 32	2 15	12 6	0 48	21 13	1 22	8 19	16 15	16 38	16 56	19 42	9 13	1 31
T 31	7n51	17n33	0s25	11n 8	1s18	13s23	3s33	24n 2	0n26	5n15	1n 9	8s34	2n15	12s 7	0s48	21n13	1s22	8n18	16n15	16s37	16s55	19n42	9n12	1n31

Julian Day Number = 1994111.5, Delta T = 53m45s
Ecliptic obliquity = 23°35'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'38, Lahiri = 6°24'38 Julian Calendar 1 Aug. 747 == Greg. Calendar 5 Aug. 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

SEPTEMBER 747 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 51 56	11♍ 2'17	2♊12	27°R24	26♎48	2♋ 2	19♍42	27♎38	0°R29	13♊30	16♎58	15♏37	16♏33	5♊27	19°R47	F 1
S 2	22 55 52	12° 1'06	14° 1	27°D18	27°41	2°37	19°55	27°44	0♓27	13°31	17° 0	15°R38	16°30	5°34	19♈45	S 2
S 3	22 59 49	12°59'58	25°54	27♌21	28°32	3°11	20° 8	27°50	0°25	13°31	17° 2	15°37	16°27	5°40	19°43	S 3
M 4	23 3 45	13°58'51	7♋56	27°35	29°23	3°46	20°21	27°55	0°22	13°31	17° 5	15°34	16°24	5°47	19°40	M 4
T 5	23 7 42	14°57'47	20°12	27°58	0♏14	4°20	20°34	28° 1	0°20	13°32	17° 7	15°29	16°20	5°54	19°38	T 5
W 6	23 11 38	15°56'46	2♌46	28°31	1° 3	4°54	20°47	28° 7	0°18	13°32	17° 9	15°21	16°17	6° 0	19°36	W 6
T 7	23 15 35	16°55'46	15°41	29°13	1°52	5°28	21° 0	28°13	0°15	13°32	17°11	15°12	16°14	6° 7	19°34	T 7
F 8	23 19 32	17°54'49	28°56	0♍ 4	2°40	6° 2	21°13	28°19	0°13	13°32	17°13	15° 2	16°11	6°13	19°31	F 8
S 9	23 23 28	18°53'54	12♍32	1° 2	3°28	6°36	21°26	28°25	0°11	13°33	17°15	14°52	16° 8	6°20	19°29	S 9
S 10	23 27 25	19°53'01	26°24	2° 7	4°14	7°10	21°39	28°31	0° 9	13°33	17°18	14°44	16° 5	6°27	19°27	S 10
M11	23 31 21	20°52'10	10♎30	3°19	5° 0	7°43	21°52	28°37	0° 6	13°33	17°20	14°37	16° 1	6°33	19°24	M11
T 12	23 35 18	21°51'21	24°45	4°36	5°45	8°16	22° 5	28°43	0° 4	13°33	17°22	14°33	15°58	6°40	19°22	T 12
W13	23 39 14	22°50'34	9♏ 3	5°59	6°29	8°49	22°18	28°49	0° 2	13°R33	17°24	14°D32	15°55	6°47	19°19	W13
T 14	23 43 11	23°49'49	23°21	7°26	7°12	9°22	22°31	28°55	29♒59	13°33	17°26	14°32	15°52	6°53	19°17	T 14
F 15	23 47 7	24°49'05	7♐37	8°56	7°54	9°55	22°44	29° 2	29°58	13°33	17°29	14°33	15°49	7° 0	19°14	F 15
S 16	23 51 4	25°48'24	21°47	10°30	8°35	10°28	22°57	29° 8	29°56	13°33	17°31	14°R34	15°45	7° 7	19°11	S 16
S 17	23 55 0	26°47'44	5♑50	12° 6	9°14	11° 0	23°10	29°14	29°54	13°33	17°33	14°33	15°42	7°13	19° 9	S 17
M18	23 58 57	27°47'07	19°47	13°44	9°53	11°33	23°23	29°21	29°51	13°32	17°36	14°31	15°39	7°20	19° 6	M18
T 19	0 2 54	28°46'31	3♒34	15°24	10°31	12° 5	23°36	29°27	29°49	13°32	17°38	14°27	15°36	7°27	19° 3	T 19
W20	0 6 50	29°45'56	17°12	17° 5	11° 7	12°37	23°49	29°34	29°47	13°32	17°40	14°21	15°33	7°33	19° 1	W20
T 21	0 10 47	0♎45'24	0♓39	18°47	11°42	13° 8	24° 2	29°40	29°45	13°32	17°43	14°14	15°30	7°40	18°58	T 21
F 22	0 14 43	1°44'53	13°52	20°30	12°15	13°40	24°15	29°47	29°44	13°32	17°45	14° 6	15°26	7°47	18°55	F 22
S 23	0 18 40	2°44'25	26°51	22°14	12°48	14°11	24°28	29°53	29°42	13°31	17°47	13°59	15°23	7°53	18°52	S 23
S 24	0 22 36	3°43'58	9♈36	23°57	13°19	14°43	24°41	29°59	29°40	13°31	17°50	13°53	15°20	8° 0	18°50	S 24
M25	0 26 33	4°43'34	22° 5	25°41	13°48	15°14	24°54	0♏ 6	29°38	13°31	17°52	13°49	15°17	8° 7	18°47	M25
T 26	0 30 29	5°43'12	4♉21	27°25	14°16	15°44	25° 7	0°13	29°36	13°30	17°55	13°47	15°14	8°13	18°44	T 26
W27	0 34 26	6°42'52	16°24	29° 8	14°42	16°15	25°20	0°20	29°34	13°30	17°57	13°D46	15°10	8°20	18°41	W27
T 28	0 38 23	7°42'34	28°18	0♎52	15° 6	16°46	25°33	0°27	29°33	13°29	17°59	13°47	15° 7	8°27	18°38	T 28
F 29	0 42 19	8°42'19	10♊ 7	2°35	15°29	17°16	25°46	0°33	29°31	13°29	18° 2	13°49	15° 4	8°33	18°36	F 29
S 30	0 46 16	9♎42'06	21♊55	4♎17	15♏50	17♋46	25♍59	0♏40	29♒29	13♊28	18♎ 4	13♏51	15♏ 1	8♊40	18♈33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n28	19n19	1s28	11n32	0s58	13s48	3s40	24n 3	0n28	5n10	1n 9	8s36	2n15	12s 8	0s48	21n13	1s22	8n17	16n14	16s38	16s54	19n43	9n11	1n31
S 2	7 6	20 13	2 26	11 53	0 39	14 13	3 46	24 3	0 29	5 5	1 9	8 39	2 15	12 8	0 48	21 13	1 22	8 16	16 14	16 38	16 53	19 43	9 10	1 31
S 3	6 43	20 14	3 18	12 9	0 21	14 38	3 52	24 3	0 30	5 0	1 9	8 41	2 14	12 9	0 48	21 13	1 22	8 15	16 14	16 37	16 52	19 43	9 10	1 31
M 4	6 21	19 20	4 2	12 20	0 3	15 2	3 58	24 4	0 31	4 54	1 9	8 43	2 14	12 10	0 48	21 13	1 22	8 14	16 13	16 37	16 51	19 44	9 9	1 31
T 5	5 58	17 31	4 36	12 28	0n13	15 26	4 5	24 4	0 32	4 49	1 9	8 45	2 14	12 11	0 48	21 13	1 22	8 13	16 13	16 35	16 50	19 44	9 8	1 31
W 6	5 35	14 50	4 58	12 31	0 28	15 50	4 11	24 3	0 33	4 44	1 9	8 47	2 14	12 12	0 48	21 13	1 22	8 11	16 13	16 33	16 49	19 44	9 7	1 31
T 7	5 12	11 23	5 5	12 29	0 43	16 13	4 17	24 3	0 34	4 39	1 9	8 50	2 14	12 12	0 48	21 13	1 22	8 10	16 12	16 30	16 48	19 45	9 6	1 31
F 8	4 49	7 17	4 56	12 23	0 55	16 36	4 23	24 3	0 35	4 34	1 9	8 52	2 14	12 13	0 48	21 13	1 22	8 9	16 12	16 27	16 47	19 45	9 5	1 31
S 9	4 25	2 44	4 31	12 13	1 7	16 58	4 29	24 2	0 36	4 29	1 9	8 54	2 13	12 14	0 48	21 13	1 22	8 8	16 12	16 24	16 46	19 45	9 4	1 31
S 10	4 2	2s 4	3 49	11 59	1 17	17 20	4 35	24 2	0 38	4 24	1 9	8 57	2 13	12 15	0 48	21 13	1 22	8 7	16 11	16 22	16 46	19 46	9 3	1 31
M11	3 39	6 49	2 52	11 42	1 26	17 41	4 41	24 1	0 39	4 18	1 9	8 59	2 13	12 16	0 48	21 13	1 22	8 6	16 11	16 20	16 45	19 46	9 2	1 31
T 12	3 15	11 16	1 44	11 20	1 34	18 2	4 47	24 0	0 40	4 13	1 9	9 1	2 13	12 16	0 48	21 13	1 22	8 5	16 11	16 19	16 44	19 46	9 1	1 31
W13	2 52	15 4	0 29	10 56	1 40	18 22	4 53	23 59	0 41	4 8	1 9	9 4	2 13	12 17	0 48	21 13	1 22	8 4	16 11	16 18	16 43	19 47	9 0	1 31
T 14	2 28	17 58	0n47	10 28	1 46	18 42	4 59	23 58	0 42	4 3	1 9	9 6	2 13	12 18	0 48	21 13	1 22	8 3	16 10	16 18	16 42	19 47	8 59	1 31
F 15	2 4	19 44	2 1	9 58	1 50	19 2	5 5	23 57	0 43	3 58	1 9	9 8	2 13	12 19	0 48	21 13	1 22	8 2	16 10	16 19	16 41	19 47	8 58	1 30
S 16	1 41	20 14	3 7	9 25	1 53	19 20	5 10	23 56	0 45	3 52	1 9	9 11	2 12	12 19	0 48	21 13	1 23	8 1	16 10	16 19	16 40	19 47	8 57	1 30
S 17	1 17	19 27	4 1	8 50	1 55	19 39	5 16	23 54	0 46	3 47	1 9	9 13	2 12	12 20	0 48	21 13	1 23	8 0	16 10	16 19	16 39	19 48	8 56	1 30
M18	0 53	17 30	4 41	8 14	1 56	19 57	5 21	23 53	0 47	3 42	1 9	9 15	2 12	12 21	0 48	21 13	1 23	7 59	16 10	16 18	16 38	19 48	8 55	1 30
T 19	0 29	14 34	5 3	7 35	1 57	20 14	5 26	23 51	0 48	3 37	1 9	9 18	2 12	12 21	0 48	21 13	1 23	7 58	16 9	16 17	16 37	19 48	8 54	1 30
W20	0 6	10 53	5 8	6 55	1 56	20 30	5 32	23 49	0 50	3 32	1 9	9 20	2 12	12 22	0 48	21 13	1 23	7 57	16 9	16 15	16 36	19 49	8 53	1 30
T 21	0s18	6 42	4 56	6 14	1 55	20 46	5 37	23 47	0 51	3 27	1 9	9 23	2 12	12 23	0 48	21 13	1 23	7 56	16 9	16 13	16 35	19 49	8 52	1 30
F 22	0 42	2 15	4 29	5 32	1 54	21 1	5 41	23 45	0 52	3 22	1 9	9 25	2 12	12 23	0 48	21 12	1 23	7 55	16 9	16 11	16 34	19 49	8 51	1 30
S 23	1 6	2n13	3 47	4 48	1 51	21 16	5 46	23 43	0 53	3 16	1 10	9 27	2 12	12 24	0 48	21 12	1 23	7 54	16 9	16 9	16 33	19 49	8 50	1 30
S 24	1 30	6 30	2 55	4 5	1 49	21 30	5 51	23 41	0 55	3 11	1 10	9 30	2 11	12 25	0 48	21 12	1 23	7 53	16 8	16 7	16 33	19 50	8 49	1 30
M25	1 53	10 26	1 55	3 20	1 45	21 43	5 55	23 39	0 56	3 6	1 10	9 32	2 11	12 25	0 48	21 12	1 23	7 51	16 8	16 6	16 32	19 50	8 48	1 30
T 26	2 17	13 51	0 51	2 35	1 42	21 56	5 59	23 37	0 57	3 1	1 10	9 35	2 11	12 26	0 48	21 12	1 23	7 50	16 8	16 5	16 31	19 50	8 46	1 30
W27	2 41	16 37	0s14	1 50	1 37	22 8	6 3	23 34	0 59	2 56	1 10	9 37	2 11	12 27	0 48	21 12	1 23	7 49	16 8	16 5	16 30	19 50	8 45	1 30
T 28	3 5	18 38	1 19	1 4	1 33	22 19	6 7	23 32	1 0	2 51	1 10	9 40	2 11	12 27	0 48	21 12	1 23	7 48	16 8	16 5	16 29	19 51	8 44	1 30
F 29	3 28	19 49	2 19	0 19	1 28	22 29	6 10	23 29	1 1	2 46	1 10	9 42	2 11	12 28	0 48	21 12	1 23	7 47	16 8	16 6	16 28	19 51	8 43	1 30
S 30	3s52	20n 8	3s14	0s27	1n23	22s38	6s14	23n27	1n 3	2n41	1n10	9s44	2n11	12s28	0s48	21n12	1s23	7n46	16n 8	16s 6	16s27	19n51	8n42	1n30

Julian Day Number = 1994142.5, Delta T = 53m44s
Ecliptic obliquity = 23°35'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'42, Lahiri = 6°24'43 Julian Calendar 1 Sept. 747 == Greg. Calendar 5 Sept. 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

OCTOBER 747 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 50 12	10♎41'55	3♋48	5♎59	16♏ 9	18♋16	26♍11	0♏47	29°R28	13°R28	18♎ 7	13♏52	14♏58	8♊47	18°R30	S 1
M 2	0 54 9	11°41'46	15°49	7°41	16°26	18°45	26°24	0°54	29♒26	13♊27	18° 9	13°R52	14°55	8°53	18♈27	M 2
T 3	0 58 5	12°41'40	28° 4	9°22	16°41	19°15	26°37	1° 1	29°24	13°26	18°11	13°51	14°51	9° 0	18°24	T 3
W 4	1 2 2	13°41'36	10♌38	11° 3	16°54	19°44	26°50	1° 7	29°23	13°26	18°14	13°48	14°48	9° 7	18°21	W 4
T 5	1 5 58	14°41'34	23°34	12°43	17° 5	20°13	27° 3	1°14	29°21	13°25	18°16	13°45	14°45	9°13	18°18	T 5
F 6	1 9 55	15°41'34	6♍54	14°23	17°14	20°41	27°15	1°21	29°20	13°24	18°19	13°41	14°42	9°20	18°15	F 6
S 7	1 13 52	16°41'37	20°39	16° 2	17°21	21°10	27°28	1°28	29°19	13°24	18°21	13°36	14°39	9°26	18°12	S 7
S 8	1 17 48	17°41'41	4♎47	17°41	17°26	21°38	27°41	1°35	29°17	13°23	18°24	13°32	14°36	9°33	18° 9	S 8
M 9	1 21 45	18°41'48	19°14	19°19	17°R28	22° 6	27°53	1°42	29°16	13°22	18°26	13°30	14°32	9°40	18° 6	M 9
T 10	1 25 41	19°41'56	3♏53	20°57	17°27	22°34	28° 6	1°49	29°15	13°21	18°28	13°28	14°29	9°46	18° 4	T 10
W11	1 29 38	20°42'06	18°39	22°34	17°25	23° 1	28°18	1°56	29°13	13°20	18°31	13°D28	14°26	9°53	18° 1	W11
T 12	1 33 34	21°42'18	3♐23	24°11	17°20	23°28	28°31	2° 3	29°12	13°19	18°33	13°29	14°23	10° 0	17°58	T 12
F 13	1 37 31	22°42'32	18° 0	25°48	17°12	23°55	28°43	2°10	29°11	13°19	18°36	13°30	14°20	10° 6	17°55	F 13
S 14	1 41 27	23°42'47	2♑25	27°24	17° 3	24°22	28°56	2°17	29°10	13°18	18°38	13°31	14°16	10°13	17°52	S 14
S 15	1 45 24	24°43'04	16°35	28°59	16°50	24°48	29° 8	2°24	29° 9	13°17	18°41	13°32	14°13	10°20	17°49	S 15
M16	1 49 21	25°43'23	0♒29	0♏34	16°35	25°14	29°21	2°32	29° 8	13°16	18°43	13°R32	14°10	10°26	17°46	M16
T 17	1 53 17	26°43'42	14° 6	2° 9	16°18	25°40	29°33	2°39	29° 7	13°15	18°45	13°32	14° 7	10°33	17°43	T 17
W18	1 57 14	27°44'03	27°26	3°44	15°59	26° 5	29°45	2°46	29° 6	13°13	18°48	13°30	14° 4	10°40	17°40	W18
T 19	2 1 10	28°44'26	10♓32	5°18	15°37	26°31	29°57	2°53	29° 5	13°12	18°50	13°28	14° 1	10°46	17°37	T 19
F 20	2 5 7	29°44'50	23°22	6°51	15°13	26°55	0♎ 9	3° 0	29° 4	13°11	18°53	13°26	13°57	10°53	17°35	F 20
S 21	2 9 3	0♏45'16	6♈ 0	8°25	14°47	27°20	0°22	3° 7	29° 3	13°10	18°55	13°24	13°54	11° 0	17°32	S 21
S 22	2 13 0	1°45'43	18°25	9°58	14°19	27°44	0°34	3°14	29° 3	13° 9	18°57	13°23	13°51	11° 6	17°29	S 22
M23	2 16 56	2°46'12	0♉40	11°31	13°49	28° 8	0°46	3°21	29° 2	13° 8	19° 0	13°22	13°48	11°13	17°26	M23
T 24	2 20 53	3°46'42	12°45	13° 3	13°18	28°32	0°58	3°28	29° 1	13° 7	19° 2	13°D21	13°45	11°20	17°23	T 24
W25	2 24 49	4°47'14	24°42	14°36	12°45	28°55	1° 9	3°35	29° 1	13° 5	19° 5	13°22	13°41	11°26	17°21	W25
T 26	2 28 46	5°47'48	6♊33	16° 8	12°11	29°18	1°21	3°43	29° 0	13° 4	19° 7	13°22	13°38	11°33	17°18	T 26
F 27	2 32 43	6°48'24	18°21	17°40	11°37	29°40	1°33	3°50	29° 0	13° 3	19° 9	13°23	13°35	11°40	17°15	F 27
S 28	2 36 39	7°49'01	0♋10	19°11	11° 1	0♌ 3	1°45	3°57	28°59	13° 1	19°12	13°24	13°32	11°46	17°12	S 28
S 29	2 40 36	8°49'40	12° 2	20°42	10°25	0°24	1°57	4° 4	28°59	13° 0	19°14	13°24	13°29	11°53	17°10	S 29
M30	2 44 32	9°50'21	24° 2	22°13	9°48	0°46	2° 8	4°11	28°59	12°59	19°16	13°25	13°26	12° 0	17° 7	M30
T 31	2 48 29	10♏51'03	6♌14	23♏44	9♏12	1♌ 7	2♎20	4♏18	28♒58	12♊57	19♎19	13°R25	13♏22	12♊ 6	17♈ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s16	19n32	4s 0	1s12	1n18	22s47	6s17	23n24	1n 4	2n35	1n10	9s47	2n11	12s29	0s48	21n12	1s23	7n46	16n 8	16s 6	16s26	19n51	8n41	1n30
M 2	4 39	18 4	4 37	1 58	1 12	22 54	6 19	23 21	1 5	2 30	1 10	9 49	2 11	12 29	0 48	21 12	1 23	7 45	16 8	16 6	16 25	19 52	8 39	1 30
T 3	5 3	15 45	5 2	2 43	1 6	23 1	6 22	23 19	1 7	2 25	1 10	9 52	2 11	12 30	0 48	21 11	1 23	7 44	16 7	16 6	16 24	19 52	8 38	1 30
W 4	5 26	12 40	5 13	3 29	1 0	23 7	6 23	23 16	1 8	2 20	1 10	9 54	2 10	12 30	0 48	21 11	1 23	7 43	16 7	16 5	16 23	19 52	8 37	1 29
T 5	5 50	8 53	5 9	4 14	0 54	23 11	6 25	23 13	1 10	2 15	1 10	9 57	2 10	12 31	0 48	21 11	1 23	7 42	16 7	16 4	16 22	19 52	8 36	1 29
F 6	6 13	4 34	4 48	4 58	0 48	23 15	6 26	23 10	1 11	2 10	1 10	9 59	2 10	12 31	0 48	21 11	1 23	7 41	16 7	16 3	16 21	19 52	8 35	1 29
S 7	6 36	0s 7	4 11	5 43	0 42	23 18	6 27	23 7	1 12	2 5	1 10	10 2	2 10	12 32	0 48	21 11	1 23	7 40	16 7	16 2	16 20	19 53	8 34	1 29
S 8	6 59	4 56	3 17	6 27	0 35	23 20	6 27	23 4	1 14	2 0	1 10	10 4	2 10	12 32	0 48	21 11	1 23	7 39	16 7	16 0	16 19	19 53	8 32	1 29
M 9	7 22	9 34	2 10	7 10	0 29	23 20	6 27	23 1	1 15	1 55	1 10	10 7	2 10	12 33	0 47	21 11	1 23	7 38	16 7	16 0	16 18	19 53	8 31	1 29
T 10	7 45	13 43	0 53	7 53	0 22	23 19	6 26	22 58	1 17	1 50	1 10	10 9	2 10	12 33	0 47	21 11	1 23	7 37	16 7	15 59	16 18	19 53	8 30	1 29
W11	8 8	17 2	0n29	8 36	0 16	23 17	6 25	22 54	1 18	1 45	1 11	10 12	2 10	12 34	0 47	21 10	1 23	7 36	16 7	15 59	16 17	19 53	8 29	1 29
T 12	8 31	19 12	1 48	9 18	0 9	23 14	6 23	22 51	1 20	1 40	1 11	10 14	2 10	12 34	0 47	21 10	1 23	7 35	16 7	15 59	16 16	19 54	8 28	1 29
F 13	8 53	20 5	2 59	10 0	0 2	23 10	6 21	22 48	1 21	1 35	1 11	10 17	2 10	12 34	0 47	21 10	1 23	7 34	16 7	16 0	16 15	19 54	8 26	1 29
S 14	9 16	19 36	3 59	10 41	0s 4	23 4	6 18	22 45	1 23	1 31	1 11	10 19	2 10	12 35	0 47	21 10	1 23	7 33	16 7	16 0	16 14	19 54	8 25	1 29
S 15	9 38	17 54	4 42	11 22	0 11	22 57	6 15	22 42	1 25	1 26	1 11	10 22	2 10	12 35	0 47	21 10	1 23	7 33	16 7	16 0	16 13	19 54	8 24	1 29
M16	10 0	15 10	5 8	12 1	0 18	22 49	6 10	22 39	1 26	1 21	1 11	10 24	2 10	12 35	0 47	21 10	1 24	7 32	16 7	16 1	16 12	19 54	8 23	1 29
T 17	10 22	11 40	5 16	12 41	0 24	22 39	6 6	22 35	1 28	1 16	1 11	10 27	2 10	12 36	0 47	21 10	1 24	7 31	16 7	16 0	16 11	19 54	8 22	1 28
W18	10 44	7 38	5 7	13 20	0 31	22 28	6 0	22 32	1 29	1 11	1 11	10 29	2 10	12 36	0 47	21 9	1 24	7 30	16 7	16 0	16 10	19 55	8 20	1 28
T 19	11 6	3 19	4 42	13 58	0 37	22 15	5 54	22 29	1 31	1 6	1 11	10 31	2 10	12 36	0 47	21 9	1 24	7 29	16 7	15 59	16 9	19 55	8 19	1 28
F 20	11 27	1n 4	4 3	14 35	0 44	22 1	5 47	22 26	1 33	1 2	1 11	10 34	2 10	12 37	0 47	21 9	1 24	7 28	16 7	15 59	16 8	19 55	8 18	1 28
S 21	11 49	5 21	3 13	15 12	0 50	21 46	5 39	22 22	1 34	0 57	1 11	10 36	2 9	12 37	0 47	21 9	1 24	7 28	16 8	15 58	16 7	19 55	8 17	1 28
S 22	12 10	9 20	2 14	15 47	0 56	21 30	5 31	22 19	1 36	0 52	1 11	10 39	2 9	12 37	0 47	21 9	1 24	7 27	16 8	15 58	16 6	19 55	8 16	1 28
M23	12 31	12 52	1 10	16 23	1 2	21 12	5 21	22 16	1 38	0 47	1 12	10 41	2 9	12 37	0 47	21 9	1 24	7 26	16 8	15 57	16 5	19 55	8 14	1 28
T 24	12 52	15 49	0 3	16 57	1 8	20 53	5 11	22 13	1 39	0 43	1 12	10 44	2 9	12 37	0 47	21 8	1 24	7 25	16 8	15 57	16 4	19 55	8 13	1 28
W25	13 12	18 3	1s 3	17 30	1 14	20 32	5 1	22 10	1 41	0 38	1 12	10 46	2 9	12 38	0 47	21 8	1 24	7 24	16 8	15 57	16 3	19 56	8 12	1 28
T 26	13 33	19 29	2 5	18 3	1 20	20 11	4 50	22 7	1 43	0 33	1 12	10 49	2 9	12 38	0 47	21 8	1 24	7 24	16 8	15 57	16 2	19 56	8 11	1 28
F 27	13 53	20 3	3 3	18 35	1 26	19 49	4 38	22 4	1 45	0 29	1 12	10 51	2 9	12 38	0 47	21 8	1 24	7 23	16 8	15 58	16 1	19 56	8 10	1 27
S 28	14 13	19 44	3 52	19 6	1 31	19 25	4 25	22 1	1 46	0 24	1 12	10 53	2 9	12 38	0 47	21 8	1 24	7 22	16 8	15 58	16 0	19 56	8 9	1 27
S 29	14 32	18 32	4 32	19 36	1 36	19 1	4 12	21 58	1 48	0 20	1 12	10 56	2 9	12 38	0 47	21 7	1 24	7 22	16 9	15 58	15 59	19 56	8 8	1 27
M30	14 52	16 31	5 0	20 5	1 42	18 37	3 58	21 55	1 50	0 15	1 12	10 58	2 9	12 38	0 47	21 7	1 24	7 21	16 9	15 58	15 58	19 56	8 6	1 27
T 31	15s11	13n45	5s16	20s33	1s46	18s12	3s44	21n52	1n52	0n11	1n12	11s 1	2n 9	12s38	0s47	21n 7	1s24	7n20	16n 9	15s58	15s57	19n56	8n 5	1n27

Julian Day Number = 1994172.5, Delta T = 53m44s
Ecliptic obliquity = 23°35'58, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'46, Lahiri = 6°24'47 Julian Calendar 1 Oct. 747 == Greg. Calendar 5 Oct. 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

NOVEMBER 747 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 52 25	11♏51'47	18♌43	25♏15	8°R36	1♌28	2♎31	4♏25	28°R58	12°R56	19♎21	13°R25	13♏19	12♊13	17°R 2	W 1
T 2	2 56 22	12°52'33	1♍34	26°45	8♏ 0	1°48	2°43	4°32	28♒58	12♊55	19°23	13°D25	13°16	12°20	16♈59	T 2
F 3	3 0 18	13°53'20	14°48	28°15	7°25	2° 8	2°54	4°39	28°58	12°53	19°25	13♏25	13°13	12°26	16°57	F 3
S 4	3 4 15	14°54'09	28°30	29°44	6°51	2°27	3° 5	4°46	28°58	12°52	19°28	13°25	13°10	12°33	16°54	S 4
S 5	3 8 12	15°54'59	12♎38	1♐13	6°19	2°46	3°16	4°53	28°D58	12°50	19°30	13°25	13° 7	12°40	16°52	S 5
M 6	3 12 8	16°55'51	27°11	2°42	5°47	3° 5	3°27	5° 0	28°58	12°49	19°32	13°25	13° 3	12°46	16°49	M 6
T 7	3 16 5	17°56'45	12♏ 4	4°10	5°18	3°23	3°38	5° 7	28°58	12°47	19°34	13°R25	13° 0	12°53	16°47	T 7
W 8	3 20 1	18°57'39	27° 9	5°38	4°50	3°40	3°49	5°14	28°58	12°46	19°37	13°25	12°57	13° 0	16°44	W 8
T 9	3 23 58	19°58'35	12♐16	7° 5	4°24	3°57	4° 0	5°21	28°58	12°44	19°39	13°25	12°54	13° 6	16°42	T 9
F 10	3 27 54	20°59'32	27°18	8°31	4° 0	4°14	4°11	5°28	28°58	12°43	19°41	13°24	12°51	13°13	16°40	F 10
S 11	3 31 51	22° 0'30	12♑ 6	9°57	3°38	4°30	4°22	5°35	28°58	12°41	19°43	13°23	12°47	13°20	16°38	S 11
S 12	3 35 47	23° 1'28	26°33	11°21	3°18	4°46	4°33	5°42	28°59	12°40	19°45	13°22	12°44	13°26	16°35	S 12
M13	3 39 44	24° 2'27	10♒36	12°45	3° 1	5° 1	4°43	5°49	28°59	12°38	19°47	13°21	12°41	13°33	16°33	M13
T 14	3 43 41	25° 3'27	24°15	14° 7	2°46	5°16	4°54	5°56	29° 0	12°36	19°49	13°D21	12°38	13°40	16°31	T 14
W15	3 47 37	26° 4'28	7♓31	15°28	2°34	5°30	5° 4	6° 3	29° 0	12°35	19°52	13°21	12°35	13°46	16°29	W15
T 16	3 51 34	27° 5'29	20°25	16°46	2°24	5°43	5°14	6°10	29° 1	12°33	19°54	13°22	12°32	13°53	16°27	T 16
F 17	3 55 30	28° 6'31	3♈ 1	18° 3	2°16	5°56	5°24	6°16	29° 1	12°31	19°56	13°23	12°28	14° 0	16°25	F 17
S 18	3 59 27	29° 7'33	15°23	19°17	2°11	6° 9	5°34	6°23	29° 2	12°30	19°58	13°25	12°25	14° 6	16°23	S 18
S 19	4 3 23	0♐ 8'36	27°33	20°29	2° 9	6°20	5°44	6°30	29° 3	12°28	20° 0	13°26	12°22	14°13	16°21	S 19
M20	4 7 20	1° 9'40	9♉34	21°37	2°D 9	6°32	5°54	6°37	29° 3	12°27	20° 2	13°R27	12°19	14°20	16°19	M20
T 21	4 11 16	2°10'45	21°29	22°42	2°11	6°42	6° 4	6°43	29° 4	12°25	20° 4	13°27	12°16	14°26	16°17	T 21
W22	4 15 13	3°11'50	3♊20	23°43	2°16	6°53	6°14	6°50	29° 5	12°23	20° 5	13°25	12°13	14°33	16°15	W22
T 23	4 19 10	4°12'56	15°10	24°38	2°23	7° 2	6°23	6°57	29° 6	12°21	20° 7	13°23	12° 9	14°40	16°14	T 23
F 24	4 23 6	5°14'02	26°59	25°28	2°32	7°11	6°33	7° 3	29° 7	12°20	20° 9	13°20	12° 6	14°46	16°12	F 24
S 25	4 27 3	6°15'10	8♋50	26°11	2°44	7°19	6°42	7°10	29° 8	12°18	20°11	13°16	12° 3	14°53	16°10	S 25
S 26	4 30 59	7°16'18	20°46	26°47	2°58	7°27	6°51	7°16	29° 9	12°16	20°13	13°12	12° 0	15° 0	16° 9	S 26
M27	4 34 56	8°17'27	2♌49	27°15	3°14	7°33	7° 1	7°23	29°10	12°15	20°15	13° 8	11°57	15° 6	16° 7	M27
T 28	4 38 52	9°18'36	15° 2	27°34	3°32	7°40	7°10	7°29	29°11	12°13	20°17	13° 4	11°53	15°13	16° 6	T 28
W29	4 42 49	10°19'46	27°28	27°R43	3°52	7°45	7°19	7°35	29°12	12°11	20°18	13° 2	11°50	15°20	16° 4	W29
T 30	4 46 45	11♐20'57	10♍13	27♐42	4♏14	7♌50	7♎27	7♏42	29♒13	12♊10	20♎20	13°D 1	11♏47	15♊26	16♈ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s30	10n18	5s17	21s 0	1s51	17s46	3s30	21n49	1n54	0n 6	1n13	11s 3	2n 9	12s38	0s47	21n 7	1s24	7n19	16n 9	15s58	15s57	19n56	8n 4	1n27
T 2	15 48	6 17	5 2	21 26	1 56	17 20	3 15	21 46	1 56	0 2	1 13	11 5	2 9	12 38	0 47	21 7	1 24	7 19	16 9	15 58	15 56	19 56	8 3	1 27
F 3	16 7	1 51	4 32	21 51	2 0	16 54	3 0	21 44	1 58	0s 3	1 13	11 8	2 9	12 38	0 47	21 6	1 24	7 18	16 9	15 58	15 55	19 57	8 2	1 27
S 4	16 25	2s50	3 45	22 14	2 4	16 29	2 44	21 41	2 0	0 7	1 13	11 10	2 9	12 38	0 47	21 6	1 24	7 18	16 10	15 58	15 54	19 57	8 1	1 27
S 5	16 43	7 31	2 43	22 37	2 7	16 3	2 29	21 38	2 1	0 12	1 13	11 12	2 9	12 38	0 47	21 6	1 24	7 17	16 10	15 58	15 53	19 57	8 0	1 26
M 6	17 0	11 55	1 29	22 58	2 11	15 38	2 13	21 36	2 3	0 16	1 13	11 15	2 9	12 38	0 46	21 6	1 24	7 16	16 10	15 58	15 52	19 57	7 59	1 26
T 7	17 18	15 41	0 8	23 18	2 13	15 13	1 58	21 34	2 5	0 20	1 13	11 17	2 9	12 38	0 46	21 6	1 24	7 16	16 10	15 58	15 51	19 57	7 58	1 26
W 8	17 35	18 26	1n16	23 37	2 16	14 49	1 42	21 32	2 7	0 24	1 14	11 19	2 9	12 38	0 46	21 5	1 24	7 15	16 10	15 58	15 50	19 57	7 57	1 26
T 9	17 51	19 53	2 34	23 55	2 18	14 26	1 27	21 29	2 10	0 29	1 14	11 22	2 9	12 38	0 46	21 5	1 24	7 15	16 11	15 58	15 49	19 57	7 56	1 26
F 10	18 7	19 54	3 41	24 11	2 20	14 3	1 11	21 27	2 12	0 33	1 14	11 24	2 9	12 38	0 46	21 5	1 24	7 14	16 11	15 58	15 48	19 57	7 55	1 26
S 11	18 23	18 32	4 32	24 25	2 22	13 41	0 56	21 26	2 14	0 37	1 14	11 26	2 9	12 38	0 46	21 5	1 24	7 13	16 11	15 58	15 47	19 57	7 54	1 26
S 12	18 39	16 1	5 4	24 39	2 22	13 21	0 41	21 24	2 16	0 41	1 14	11 29	2 10	12 38	0 46	21 5	1 24	7 13	16 12	15 57	15 46	19 57	7 53	1 26
M13	18 54	12 36	5 17	24 50	2 23	13 1	0 27	21 22	2 18	0 45	1 14	11 31	2 10	12 37	0 46	21 4	1 24	7 12	16 12	15 57	15 45	19 57	7 52	1 25
T 14	19 9	8 37	5 12	25 0	2 23	12 42	0 12	21 21	2 20	0 49	1 14	11 33	2 10	12 37	0 46	21 4	1 24	7 12	16 12	15 57	15 44	19 57	7 51	1 25
W15	19 24	4 20	4 50	25 9	2 22	12 25	0n 2	21 19	2 22	0 53	1 15	11 35	2 10	12 37	0 46	21 4	1 24	7 11	16 12	15 57	15 43	19 57	7 50	1 25
T 16	19 38	0n 4	4 14	25 16	2 20	12 9	0 15	21 18	2 24	0 57	1 15	11 37	2 10	12 37	0 46	21 4	1 24	7 11	16 13	15 57	15 42	19 57	7 49	1 25
F 17	19 52	4 21	3 26	25 21	2 18	11 54	0 28	21 17	2 27	1 1	1 15	11 40	2 10	12 37	0 46	21 4	1 24	7 10	16 13	15 58	15 41	19 57	7 48	1 25
S 18	20 6	8 23	2 29	25 25	2 16	11 40	0 41	21 16	2 29	1 5	1 15	11 42	2 10	12 36	0 46	21 3	1 24	7 10	16 13	15 58	15 40	19 57	7 47	1 25
S 19	20 19	12 1	1 27	25 27	2 12	11 28	0 53	21 15	2 31	1 9	1 15	11 44	2 10	12 36	0 46	21 3	1 24	7 10	16 14	15 59	15 39	19 57	7 46	1 25
M20	20 32	15 7	0 21	25 27	2 7	11 17	1 5	21 14	2 33	1 12	1 15	11 46	2 10	12 36	0 46	21 3	1 24	7 9	16 14	15 59	15 38	19 57	7 45	1 25
T 21	20 44	17 32	0s44	25 26	2 2	11 7	1 17	21 14	2 36	1 16	1 16	11 48	2 10	12 35	0 46	21 3	1 24	7 9	16 14	15 59	15 37	19 57	7 45	1 24
W22	20 56	19 12	1 48	25 22	1 55	10 58	1 28	21 13	2 38	1 20	1 16	11 50	2 10	12 35	0 46	21 2	1 24	7 8	16 15	15 58	15 36	19 57	7 44	1 24
T 23	21 8	20 1	2 46	25 17	1 48	10 51	1 38	21 13	2 40	1 24	1 16	11 52	2 10	12 35	0 46	21 2	1 24	7 8	16 15	15 58	15 35	19 57	7 43	1 24
F 24	21 19	19 56	3 38	25 10	1 39	10 45	1 48	21 13	2 43	1 27	1 16	11 55	2 10	12 34	0 46	21 2	1 24	7 8	16 15	15 57	15 34	19 57	7 42	1 24
S 25	21 30	18 59	4 20	25 2	1 29	10 40	1 58	21 13	2 45	1 31	1 16	11 57	2 10	12 34	0 46	21 2	1 24	7 7	16 16	15 55	15 33	19 57	7 41	1 24
S 26	21 40	17 12	4 51	24 52	1 18	10 36	2 7	21 14	2 47	1 34	1 16	11 59	2 10	12 34	0 46	21 2	1 24	7 7	16 16	15 54	15 32	19 57	7 41	1 24
M27	21 50	14 39	5 9	24 40	1 6	10 33	2 16	21 14	2 50	1 38	1 17	12 1	2 10	12 33	0 46	21 1	1 24	7 7	16 16	15 53	15 31	19 57	7 40	1 24
T 28	22 0	11 26	5 14	24 27	0 52	10 31	2 24	21 15	2 52	1 41	1 17	12 3	2 10	12 33	0 46	21 1	1 24	7 6	16 17	15 52	15 30	19 57	7 39	1 23
W29	22 9	7 40	5 4	24 12	0 37	10 31	2 32	21 16	2 55	1 45	1 17	12 5	2 11	12 32	0 46	21 1	1 24	7 6	16 17	15 51	15 29	19 57	7 39	1 23
T 30	22s17	3n29	4s40	23s55	0s21	10s31	2n39	21n17	2n57	1s48	1n17	12s 7	2n11	12s32	0s46	21n 1	1s24	7n 6	16n18	15s51	15s28	19n57	7n38	1n23

Julian Day Number = 1994203.5, Delta T = 53m43s
Ecliptic obliquity = 23°35'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'51, Lahiri = 6°24'51 Julian Calendar 1 Nov. 747 == Greg. Calendar 5 Nov. 747

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ASTRODIENST EPHEMERIS for the year 747
geocentric

DECEMBER 747 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 50 42	12♐22'09	23♍18	27°R29	4♏38	7♌54	7♎36	7♏48	29♒15	12°R 8	20♎22	13♏ 2	11♏44	15♊33	16°R 2	F 1
S 2	4 54 39	13°23'21	6♎48	27♐ 4	5° 4	7°57	7°45	7°54	29°16	12♊ 6	20°23	13° 3	11°41	15°40	16♈ 0	S 2
S 3	4 58 35	14°24'33	20°44	26°28	5°31	8° 0	7°53	8° 0	29°17	12° 4	20°25	13° 5	11°38	15°46	15°59	S 3
M 4	5 2 32	15°25'47	5♏ 8	25°40	6° 0	8° 2	8° 1	8° 7	29°19	12° 3	20°27	13° 6	11°34	15°53	15°58	M 4
T 5	5 6 28	16°27'01	19°55	24°42	6°31	8° 3	8°10	8°13	29°20	12° 1	20°28	13°R 6	11°31	16° 0	15°57	T 5
W 6	5 10 25	17°28'15	5♐ 1	23°34	7° 3	8°R 3	8°18	8°19	29°22	11°59	20°30	13° 4	11°28	16° 6	15°56	W 6
T 7	5 14 21	18°29'29	20°17	22°20	7°37	8° 3	8°26	8°25	29°24	11°58	20°31	13° 1	11°25	16°13	15°55	T 7
F 8	5 18 18	19°30'44	5♑33	21° 0	8°12	8° 1	8°34	8°31	29°25	11°56	20°33	12°56	11°22	16°20	15°54	F 8
S 9	5 22 15	20°31'59	20°38	19°39	8°49	7°59	8°41	8°37	29°27	11°54	20°34	12°50	11°19	16°26	15°53	S 9
S 10	5 26 11	21°33'13	5♒23	18°18	9°27	7°57	8°49	8°43	29°29	11°53	20°36	12°44	11°15	16°33	15°52	S 10
M11	5 30 8	22°34'27	19°42	17° 0	10° 6	7°53	8°56	8°48	29°30	11°51	20°37	12°39	11°12	16°40	15°51	M11
T 12	5 34 4	23°35'41	3♓32	15°47	10°46	7°48	9° 3	8°54	29°32	11°49	20°39	12°35	11° 9	16°46	15°51	T 12
W13	5 38 1	24°36'54	16°53	14°42	11°28	7°43	9°11	9° 0	29°34	11°48	20°40	12°34	11° 6	16°53	15°50	W13
T 14	5 41 57	25°38'07	29°47	13°46	12°10	7°37	9°18	9° 5	29°36	11°46	20°41	12°D33	11° 3	17° 0	15°49	T 14
F 15	5 45 54	26°39'20	12♈19	12°59	12°54	7°30	9°24	9°11	29°38	11°44	20°43	12°34	10°59	17° 6	15°49	F 15
S 16	5 49 50	27°40'32	24°34	12°22	13°39	7°23	9°31	9°17	29°40	11°43	20°44	12°36	10°56	17°13	15°48	S 16
S 17	5 53 47	28°41'43	6♉36	11°55	14°24	7°14	9°38	9°22	29°42	11°41	20°45	12°R37	10°53	17°20	15°48	S 17
M18	5 57 44	29°42'54	18°29	11°38	15°11	7° 5	9°44	9°27	29°44	11°40	20°46	12°37	10°50	17°26	15°48	M18
T 19	6 1 40	0♑44'05	0♊18	11°D30	15°59	6°55	9°50	9°33	29°46	11°38	20°48	12°35	10°47	17°33	15°47	T 19
W20	6 5 37	1°45'15	12° 7	11°31	16°47	6°44	9°57	9°38	29°48	11°36	20°49	12°31	10°44	17°40	15°47	W20
T 21	6 9 33	2°46'25	23°56	11°41	17°37	6°32	10° 2	9°43	29°50	11°35	20°50	12°24	10°40	17°46	15°47	T 21
F 22	6 13 30	3°47'34	5♋49	11°58	18°27	6°20	10° 8	9°48	29°52	11°33	20°51	12°15	10°37	17°53	15°47	F 22
S 23	6 17 26	4°48'43	17°47	12°22	19°18	6° 6	10°14	9°53	29°55	11°32	20°52	12° 5	10°34	18° 0	15°D47	S 23
S 24	6 21 23	5°49'51	29°51	12°53	20° 9	5°52	10°19	9°58	29°57	11°30	20°53	11°54	10°31	18° 6	15°47	S 24
M25	6 25 19	6°50'59	12♌ 3	13°29	21° 2	5°38	10°25	10° 3	29°59	11°29	20°54	11°44	10°28	18°13	15°47	M25
T 26	6 29 16	7°52'06	24°24	14°11	21°55	5°22	10°30	10° 8	0♓ 2	11°27	20°55	11°35	10°25	18°20	15°47	T 26
W27	6 33 13	8°53'13	6♍56	14°57	22°49	5° 6	10°35	10°13	0° 4	11°26	20°56	11°27	10°21	18°27	15°47	W27
T 28	6 37 9	9°54'20	19°42	15°47	23°43	4°49	10°40	10°18	0° 7	11°24	20°57	11°23	10°18	18°33	15°47	T 28
F 29	6 41 6	10°55'26	2♎44	16°41	24°38	4°31	10°44	10°22	0° 9	11°23	20°57	11°21	10°15	18°40	15°48	F 29
S 30	6 45 2	11°56'31	16° 5	17°39	25°34	4°13	10°49	10°27	0°12	11°21	20°58	11°D20	10°12	18°47	15°48	S 30
S 31	6 48 59	12♑57'37	29♎48	18♐39	26♏30	3♌54	10♎53	10♏31	0♓14	11♊20	20♎59	11♏21	10♏ 9	18♊53	15♈49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s26	1s 0	4s 0	23s38	0s 3	10s32	2n46	21n18	3n 0	1s51	1n17	12s 9	2n11	12s31	0s46	21n 1	1s24	7n 6	16n18	15s51	15s27	19n57	7n37	1n23	F 1
S 2	22 34	5 34	3 6	23 18	0n15	10 35	2 53	21 20	3 2	1 54	1 18	12 11	2 11	12 31	0 45	21 0	1 24	7 5	16 18	15 52	15 26	19 57	7 37	1 23	S 2
S 3	22 41	10 0	2 0	22 58	0 35	10 38	2 59	21 22	3 5	1 57	1 18	12 12	2 11	12 30	0 45	21 0	1 24	7 5	16 19	15 52	15 25	19 57	7 36	1 23	S 3
M 4	22 48	14 0	0 44	22 37	0 55	10 42	3 5	21 24	3 7	2 1	1 18	12 14	2 11	12 30	0 45	21 0	1 24	7 5	16 19	15 53	15 24	19 57	7 35	1 23	M 4
T 5	22 54	17 14	0n37	22 15	1 15	10 47	3 11	21 26	3 10	2 4	1 18	12 16	2 11	12 29	0 45	21 0	1 24	7 5	16 20	15 53	15 23	19 57	7 35	1 22	T 5
W 6	23 0	19 22	1 57	21 52	1 34	10 52	3 16	21 28	3 12	2 7	1 18	12 18	2 11	12 29	0 45	20 59	1 24	7 5	16 20	15 52	15 22	19 57	7 34	1 22	W 6
T 7	23 6	20 6	3 9	21 29	1 53	10 59	3 21	21 31	3 15	2 10	1 19	12 20	2 11	12 28	0 45	20 59	1 24	7 4	16 21	15 51	15 21	19 57	7 34	1 22	T 7
F 8	23 11	19 22	4 8	21 7	2 11	11 6	3 25	21 33	3 17	2 13	1 19	12 22	2 11	12 27	0 45	20 59	1 24	7 4	16 21	15 49	15 20	19 57	7 33	1 22	F 8
S 9	23 15	17 15	4 48	20 45	2 27	11 14	3 29	21 36	3 20	2 15	1 19	12 24	2 11	12 27	0 45	20 59	1 24	7 4	16 21	15 48	15 19	19 57	7 33	1 22	S 9
S 10	23 20	14 4	5 8	20 25	2 41	11 22	3 33	21 40	3 22	2 18	1 19	12 25	2 12	12 26	0 45	20 59	1 24	7 4	16 22	15 46	15 18	19 57	7 32	1 22	S 10
M11	23 23	10 7	5 9	20 6	2 52	11 31	3 37	21 43	3 25	2 21	1 19	12 27	2 12	12 26	0 45	20 58	1 24	7 4	16 22	15 44	15 17	19 57	7 32	1 21	M11
T 12	23 27	5 46	4 50	19 50	3 1	11 40	3 40	21 47	3 28	2 24	1 20	12 29	2 12	12 25	0 45	20 58	1 24	7 4	16 23	15 43	15 16	19 57	7 31	1 21	T 12
W13	23 29	1 16	4 17	19 36	3 8	11 50	3 43	21 51	3 30	2 26	1 20	12 30	2 12	12 24	0 45	20 58	1 24	7 4	16 23	15 43	15 15	19 57	7 31	1 21	W13
T 14	23 32	3n 9	3 32	19 25	3 12	12 1	3 45	21 55	3 33	2 29	1 20	12 32	2 12	12 23	0 45	20 58	1 24	7 4	16 24	15 43	15 14	19 57	7 31	1 21	T 14
F 15	23 33	7 18	2 37	19 18	3 14	12 12	3 48	21 59	3 35	2 31	1 20	12 34	2 12	12 23	0 45	20 58	1 24	7 4	16 24	15 43	15 13	19 57	7 30	1 21	F 15
S 16	23 35	11 4	1 36	19 13	3 14	12 23	3 50	22 3	3 38	2 34	1 21	12 35	2 12	12 22	0 45	20 57	1 24	7 4	16 25	15 43	15 12	19 57	7 30	1 21	S 16
S 17	23 36	14 19	0 33	19 11	3 13	12 35	3 52	22 8	3 40	2 36	1 21	12 37	2 12	12 21	0 45	20 57	1 24	7 4	16 25	15 44	15 11	19 57	7 30	1 21	S 17
M18	23 36	16 56	0s32	19 12	3 9	12 47	3 53	22 13	3 43	2 38	1 21	12 39	2 13	12 21	0 45	20 57	1 24	7 4	16 26	15 44	15 10	19 56	7 29	1 20	M18
T 19	23 36	18 49	1 34	19 16	3 5	12 59	3 55	22 18	3 45	2 41	1 21	12 40	2 13	12 20	0 45	20 57	1 24	7 4	16 26	15 43	15 9	19 56	7 29	1 20	T 19
W20	23 35	19 53	2 32	19 22	2 59	13 12	3 56	22 23	3 48	2 43	1 22	12 42	2 13	12 19	0 45	20 57	1 24	7 4	16 27	15 42	15 8	19 56	7 29	1 20	W20
T 21	23 34	20 4	3 24	19 29	2 52	13 25	3 56	22 28	3 50	2 45	1 22	12 43	2 13	12 18	0 45	20 56	1 24	7 4	16 27	15 40	15 7	19 56	7 29	1 20	T 21
F 22	23 33	19 22	4 7	19 39	2 45	13 38	3 57	22 34	3 52	2 47	1 22	12 45	2 13	12 17	0 45	20 56	1 24	7 4	16 28	15 37	15 6	19 56	7 29	1 20	F 22
S 23	23 31	17 48	4 39	19 50	2 37	13 51	3 58	22 39	3 55	2 49	1 22	12 46	2 13	12 17	0 45	20 56	1 24	7 4	16 28	15 34	15 5	19 56	7 28	1 20	S 23
S 24	23 28	15 27	4 59	20 2	2 29	14 5	3 58	22 45	3 57	2 51	1 22	12 48	2 13	12 16	0 45	20 56	1 24	7 4	16 29	15 30	15 4	19 56	7 28	1 20	S 24
M25	23 25	12 24	5 5	20 15	2 20	14 19	3 58	22 51	3 59	2 53	1 23	12 49	2 14	12 15	0 45	20 56	1 24	7 4	16 29	15 27	15 3	19 56	7 28	1 19	M25
T 26	23 22	8 48	4 58	20 29	2 11	14 32	3 58	22 57	4 1	2 55	1 23	12 50	2 14	12 14	0 45	20 56	1 24	7 4	16 30	15 24	15 2	19 56	7 28	1 19	T 26
W27	23 18	4 45	4 36	20 44	2 2	14 46	3 57	23 3	4 3	2 57	1 23	12 52	2 14	12 13	0 45	20 55	1 23	7 5	16 30	15 22	15 1	19 56	7 28	1 19	W27
T 28	23 14	0 26	4 0	20 59	1 52	15 0	3 57	23 9	4 6	2 58	1 23	12 53	2 14	12 12	0 45	20 55	1 23	7 5	16 31	15 21	15 0	19 55	7 28	1 19	T 28
F 29	23 9	4s 1	3 11	21 14	1 43	15 14	3 56	23 16	4 8	3 0	1 24	12 54	2 14	12 11	0 45	20 55	1 23	7 5	16 31	15 20	14 59	19 55	7 28	1 19	F 29
S 30	23 4	8 23	2 11	21 28	1 33	15 29	3 55	23 22	4 10	3 1	1 24	12 56	2 14	12 10	0 45	20 55	1 23	7 5	16 32	15 20	14 58	19 55	7 28	1 19	S 30
S 31	22s58	12s26	1s 1	21s43	1n24	15s43	3n54	23n28	4n11	3s 3	1n24	12s57	2n15	12s 9	0s45	20n55	1s23	7n 5	16n32	15s20	14s57	19n55	7n28	1n18	S 31

Julian Day Number = 1994233.5, Delta T = 53m42s
Ecliptic obliquity = 23°35'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'55, Lahiri = 6°24'55 Julian Calendar 1 Dec. 747 == Greg. Calendar 5 Dec. 747

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ASTRODIENST EPHEMERIS for the year 748
geocentric

JANUARY 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 52 55	13♉58'41	13♏55	19♐42	27♏27	3°R35	10♎58	10♏36	0♓17	11°R19	21♎ 0	11°R21	10♏ 5	19♊ 0	15♈49	M 1
T 2	6 56 52	14°59'46	28°24	20°48	28°25	3♌15	11° 2	10°40	0°19	11♊17	21° 0	11♏20	10° 2	19° 7	15°50	T 2
W 3	7 0 48	16° 0'49	13♐14	21°56	29°23	2°54	11° 5	10°44	0°22	11°16	21° 1	11°17	9°59	19°13	15°50	W 3
T 4	7 4 45	17° 1'52	28°19	23° 6	0♐21	2°33	11° 9	10°48	0°25	11°14	21° 2	11°10	9°56	19°20	15°51	T 4
F 5	7 8 42	18° 2'54	13♉29	24°18	1°20	2°11	11°12	10°53	0°28	11°13	21° 2	11° 1	9°53	19°27	15°52	F 5
S 6	7 12 38	19° 3'55	28°34	25°32	2°19	1°49	11°16	10°57	0°30	11°12	21° 3	10°51	9°50	19°33	15°52	S 6
S 7	7 16 35	20° 4'55	13♒25	26°48	3°19	1°27	11°19	11° 0	0°33	11°11	21° 3	10°40	9°46	19°40	15°53	S 7
M 8	7 20 31	21° 5'54	27°52	28° 5	4°19	1° 4	11°22	11° 4	0°36	11° 9	21° 4	10°30	9°43	19°47	15°54	M 8
T 9	7 24 28	22° 6'51	11♓52	29°23	5°19	0°41	11°25	11° 8	0°39	11° 8	21° 4	10°22	9°40	19°53	15°55	T 9
W10	7 28 24	23° 7'47	25°21	0♉42	6°20	0°17	11°27	11°12	0°42	11° 7	21° 4	10°16	9°37	20° 0	15°56	W10
T 11	7 32 21	24° 8'42	8♈22	2° 3	7°22	29♋54	11°30	11°15	0°44	11° 6	21° 5	10°13	9°34	20° 7	15°57	T 11
F 12	7 36 17	25° 9'35	20°57	3°25	8°23	29°30	11°32	11°19	0°47	11° 5	21° 5	10°D12	9°31	20°13	15°58	F 12
S 13	7 40 14	26°10'27	3♊13	4°48	9°25	29° 6	11°34	11°22	0°50	11° 4	21° 5	10°12	9°27	20°20	15°59	S 13
S 14	7 44 11	27°11'17	15°14	6°12	10°28	28°42	11°36	11°26	0°53	11° 3	21° 6	10°R12	9°24	20°27	16° 1	S 14
M15	7 48 7	28°12'06	27° 6	7°38	11°30	28°18	11°37	11°29	0°56	11° 1	21° 6	10°11	9°21	20°33	16° 2	M15
T 16	7 52 4	29°12'53	8♊54	9° 4	12°33	27°54	11°39	11°32	0°59	11° 0	21° 6	10° 7	9°18	20°40	16° 3	T 16
W17	7 56 0	0♒13'39	20°42	10°31	13°36	27°30	11°40	11°35	1° 2	10°59	21° 6	10° 1	9°15	20°47	16° 5	W17
T 18	7 59 57	1°14'23	2♋33	11°59	14°40	27° 6	11°41	11°38	1° 6	10°58	21° 6	9°52	9°11	20°53	16° 6	T 18
F 19	8 3 53	2°15'05	14°32	13°28	15°44	26°43	11°42	11°41	1° 9	10°58	21° 6	9°40	9° 8	21° 0	16° 8	F 19
S 20	8 7 50	3°15'46	26°39	14°58	16°48	26°19	11°43	11°44	1°12	10°57	21°R 6	9°27	9° 5	21° 7	16° 9	S 20
S 21	8 11 47	4°16'26	8♌55	16°28	17°52	25°56	11°43	11°46	1°15	10°56	21° 6	9°12	9° 2	21°13	16°11	S 21
M22	8 15 43	5°17'04	21°22	18° 0	18°57	25°33	11°44	11°49	1°18	10°55	21° 6	8°58	8°59	21°20	16°13	M22
T 23	8 19 40	6°17'41	3♍58	19°32	20° 2	25°10	11°R44	11°51	1°21	10°54	21° 6	8°46	8°56	21°27	16°14	T 23
W24	8 23 36	7°18'16	16°45	21° 6	21° 7	24°48	11°44	11°54	1°24	10°53	21° 6	8°36	8°52	21°34	16°16	W24
T 25	8 27 33	8°18'50	29°44	22°40	22°12	24°26	11°44	11°56	1°28	10°52	21° 6	8°29	8°49	21°40	16°18	T 25
F 26	8 31 29	9°19'22	12♎54	24°15	23°18	24° 4	11°43	11°58	1°31	10°52	21° 6	8°25	8°46	21°47	16°20	F 26
S 27	8 35 26	10°19'53	26°18	25°51	24°24	23°43	11°42	12° 1	1°34	10°51	21° 6	8°23	8°43	21°54	16°22	S 27
S 28	8 39 22	11°20'23	9♏56	27°28	25°30	23°23	11°42	12° 3	1°37	10°50	21° 5	8°23	8°40	22° 0	16°24	S 28
M29	8 43 19	12°20'51	23°52	29° 6	26°36	23° 3	11°41	12° 4	1°41	10°50	21° 5	8°23	8°37	22° 7	16°26	M29
T 30	8 47 15	13°21'18	8♐ 5	0♒45	27°42	22°44	11°40	12° 6	1°44	10°49	21° 5	8°21	8°33	22°14	16°28	T 30
W31	8 51 12	14♒21'44	22♐33	2♒25	28♐49	22♋25	11♎38	12♏ 8	1♓47	10♊49	21♎ 4	8♏17	8♏30	22♊20	16♈30	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	22s52	15s54	0n14	21s58	1n14	15s57	3n53	23n35	4n13	3s 4	1n24	12s58	2n15	12s 8	0s45	20n55	1s23	7n 6	16n33	15s20	14s56	19n55	7n28	1n18	M 1
T 2	22 45	18 29	1 30	22 12	1 5	16 11	3 51	23 41	4 15	3 6	1 25	12 59	2 15	12 7	0 44	20 54	1 23	7 6	16 33	15 20	14 55	19 55	7 28	1 18	T 2
W 3	22 38	19 52	2 41	22 26	0 55	16 25	3 50	23 48	4 17	3 7	1 25	13 0	2 15	12 7	0 44	20 54	1 23	7 6	16 34	15 19	14 54	19 55	7 28	1 18	W 3
T 4	22 30	19 53	3 43	22 39	0 46	16 39	3 48	23 55	4 18	3 8	1 25	13 2	2 15	12 6	0 44	20 54	1 23	7 6	16 34	15 17	14 53	19 54	7 28	1 18	T 4
F 5	22 22	18 27	4 29	22 51	0 37	16 52	3 46	24 1	4 20	3 9	1 25	13 3	2 15	12 5	0 44	20 54	1 23	7 7	16 35	15 14	14 52	19 54	7 28	1 18	F 5
S 6	22 14	15 45	4 56	23 3	0 28	17 6	3 44	24 8	4 21	3 10	1 26	13 4	2 16	12 4	0 44	20 54	1 23	7 7	16 36	15 11	14 51	19 54	7 29	1 18	S 6
S 7	22 5	12 5	5 2	23 14	0 20	17 19	3 42	24 14	4 22	3 11	1 26	13 5	2 16	12 3	0 44	20 54	1 23	7 7	16 36	15 7	14 50	19 54	7 29	1 17	S 7
M 8	21 56	7 46	4 49	23 24	0 11	17 33	3 40	24 20	4 24	3 12	1 26	13 6	2 16	12 1	0 44	20 54	1 23	7 8	16 37	15 4	14 49	19 54	7 29	1 17	M 8
T 9	21 46	3 11	4 19	23 33	0 3	17 46	3 38	24 27	4 25	3 13	1 26	13 7	2 16	12 0	0 44	20 53	1 23	7 8	16 37	15 2	14 48	19 54	7 29	1 17	T 9
W10	21 36	1n25	3 34	23 41	0s 6	17 59	3 35	24 33	4 26	3 14	1 27	13 8	2 16	11 59	0 44	20 53	1 23	7 8	16 38	15 0	14 47	19 53	7 30	1 17	W10
T 11	21 26	5 48	2 41	23 49	0 14	18 11	3 33	24 39	4 27	3 15	1 27	13 9	2 16	11 58	0 44	20 53	1 23	7 9	16 38	14 59	14 46	19 53	7 30	1 17	T 11
F 12	21 15	9 47	1 40	23 55	0 21	18 24	3 30	24 45	4 27	3 15	1 27	13 10	2 17	11 57	0 44	20 53	1 23	7 9	16 39	14 58	14 45	19 53	7 30	1 17	F 12
S 13	21 3	13 15	0 37	24 0	0 29	18 36	3 27	24 51	4 28	3 16	1 28	13 10	2 17	11 56	0 44	20 53	1 23	7 10	16 39	14 58	14 44	19 53	7 30	1 17	S 13
S 14	20 52	16 5	0s27	24 4	0 36	18 48	3 24	24 56	4 29	3 16	1 28	13 11	2 17	11 55	0 44	20 53	1 23	7 10	16 40	14 58	14 43	19 53	7 31	1 16	S 14
M15	20 40	18 12	1 28	24 6	0 44	18 59	3 21	25 2	4 29	3 17	1 28	13 12	2 17	11 54	0 44	20 53	1 23	7 10	16 40	14 58	14 42	19 52	7 31	1 16	M15
T 16	20 27	19 32	2 26	24 8	0 50	19 11	3 18	25 7	4 30	3 17	1 28	13 13	2 17	11 53	0 44	20 53	1 23	7 11	16 41	14 57	14 41	19 52	7 32	1 16	T 16
W17	20 14	20 0	3 17	24 8	0 57	19 22	3 15	25 12	4 30	3 17	1 29	13 14	2 18	11 52	0 44	20 53	1 23	7 11	16 41	14 55	14 40	19 52	7 32	1 16	W17
T 18	20 1	19 35	4 0	24 7	1 3	19 32	3 12	25 17	4 30	3 17	1 29	13 14	2 18	11 51	0 44	20 52	1 23	7 12	16 42	14 52	14 39	19 52	7 32	1 16	T 18
F 19	19 47	18 18	4 32	24 4	1 10	19 43	3 8	25 22	4 30	3 17	1 29	13 15	2 18	11 50	0 44	20 52	1 23	7 12	16 43	14 48	14 38	19 52	7 33	1 16	F 19
S 20	19 33	16 11	4 52	24 0	1 15	19 52	3 5	25 27	4 30	3 18	1 29	13 16	2 18	11 48	0 44	20 52	1 23	7 13	16 43	14 44	14 37	19 51	7 33	1 16	S 20
S 21	19 19	13 20	5 0	23 55	1 21	20 2	3 1	25 31	4 30	3 18	1 30	13 16	2 18	11 47	0 44	20 52	1 22	7 13	16 44	14 39	14 36	19 51	7 34	1 15	S 21
M22	19 4	9 51	4 53	23 48	1 26	20 11	2 58	25 35	4 29	3 17	1 30	13 17	2 19	11 46	0 44	20 52	1 22	7 14	16 44	14 35	14 35	19 51	7 34	1 15	M22
T 23	18 49	5 54	4 32	23 40	1 31	20 20	2 54	25 39	4 29	3 17	1 30	13 18	2 19	11 45	0 44	20 52	1 22	7 14	16 45	14 31	14 34	19 51	7 35	1 15	T 23
W24	18 34	1 38	3 57	23 31	1 36	20 28	2 50	25 43	4 29	3 17	1 30	13 18	2 19	11 44	0 44	20 52	1 22	7 15	16 45	14 28	14 33	19 50	7 36	1 15	W24
T 25	18 18	2s47	3 9	23 20	1 40	20 36	2 47	25 46	4 28	3 17	1 31	13 19	2 19	11 43	0 44	20 52	1 22	7 15	16 46	14 25	14 32	19 50	7 36	1 15	T 25
F 26	18 2	7 7	2 10	23 7	1 44	20 43	2 43	25 49	4 27	3 16	1 31	13 19	2 19	11 42	0 44	20 52	1 22	7 16	16 46	14 24	14 31	19 50	7 37	1 15	F 26
S 27	17 46	11 12	1 3	22 53	1 48	20 50	2 39	25 52	4 27	3 16	1 31	13 20	2 20	11 40	0 44	20 52	1 22	7 16	16 47	14 24	14 30	19 50	7 37	1 15	S 27
S 28	17 30	14 46	0n 8	22 38	1 52	20 56	2 35	25 55	4 26	3 15	1 31	13 20	2 20	11 39	0 44	20 52	1 22	7 17	16 47	14 24	14 29	19 50	7 38	1 14	S 28
M29	17 13	17 33	1 21	22 21	1 55	21 2	2 31	25 58	4 25	3 15	1 32	13 20	2 20	11 38	0 44	20 52	1 22	7 18	16 48	14 23	14 28	19 49	7 39	1 14	M29
T 30	16 55	19 20	2 30	22 2	1 57	21 8	2 27	26 0	4 24	3 14	1 32	13 21	2 20	11 37	0 44	20 52	1 22	7 18	16 48	14 23	14 27	19 49	7 39	1 14	T 30
W31	16s38	19s53	3n31	21s42	2s 0	21s13	2n23	26n 2	4n23	3s13	1n32	13s21	2n20	11s36	0s44	20n52	1s22	7n19	16n49	14s22	14s26	19n49	7n40	1n14	W31

Julian Day Number = 1994264.5, Delta T = 53m41s
Ecliptic obliquity = 23°35'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°17'59, Lahiri = 6°24'59 Julian Calendar 1 Jan. 748 == Greg. Calendar 5 Jan. 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

FEBRUARY 748 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 55 9	15♒22'09	7♉14	4♒ 5	29♐56	22°R 7	11°R37	12♏10	1♓51	10°R48	21°R 4	8°R10	8♏27	22♊27	16♈32	T 1
F 2	8 59 5	16°22'31	22° 2	5°47	1♉ 3	21♋49	11♎35	12°11	1°54	10♊47	21♎ 4	8♏ 1	8°24	22°34	16°35	F 2
S 3	9 3 2	17°22'52	6♒49	7°30	2°10	21°32	11°33	12°13	1°57	10°47	21° 3	7°50	8°21	22°40	16°37	S 3
S 4	9 6 58	18°23'12	21°26	9°13	3°17	21°16	11°31	12°14	2° 1	10°47	21° 3	7°38	8°17	22°47	16°39	S 4
M 5	9 10 55	19°23'29	5♓46	10°58	4°24	21° 1	11°28	12°15	2° 4	10°46	21° 2	7°26	8°14	22°54	16°42	M 5
T 6	9 14 51	20°23'45	19°43	12°44	5°32	20°46	11°26	12°16	2° 7	10°46	21° 2	7°17	8°11	23° 0	16°44	T 6
W 7	9 18 48	21°23'58	3♈14	14°30	6°40	20°32	11°23	12°17	2°11	10°45	21° 1	7°10	8° 8	23° 7	16°46	W 7
T 8	9 22 44	22°24'09	16°18	16°18	7°48	20°19	11°20	12°18	2°14	10°45	21° 0	7° 6	8° 5	23°14	16°49	T 8
F 9	9 26 41	23°24'19	28°58	18° 7	8°56	20° 6	11°17	12°19	2°18	10°45	21° 0	7° 4	8° 2	23°20	16°52	F 9
S 10	9 30 38	24°24'26	11♉17	19°57	10° 4	19°54	11°14	12°20	2°21	10°44	20°59	7°D 4	7°58	23°27	16°54	S 10
S 11	9 34 34	25°24'31	23°21	21°48	11°12	19°44	11°11	12°20	2°24	10°44	20°58	7°R 4	7°55	23°34	16°57	S 11
M12	9 38 31	26°24'34	5♊15	23°40	12°20	19°34	11° 7	12°21	2°28	10°44	20°57	7° 4	7°52	23°40	16°59	M12
T 13	9 42 27	27°24'34	17° 5	25°33	13°29	19°24	11° 4	12°21	2°31	10°44	20°57	7° 2	7°49	23°47	17° 2	T 13
W14	9 46 24	28°24'33	28°54	27°26	14°37	19°16	11° 0	12°22	2°35	10°44	20°56	6°58	7°46	23°54	17° 5	W14
T 15	9 50 20	29°24'29	10♋49	29°21	15°46	19° 8	10°56	12°22	2°38	10°44	20°55	6°51	7°42	24° 1	17° 8	T 15
F 16	9 54 17	0♓24'23	22°53	1♓17	16°55	19° 1	10°51	12°22	2°42	10°44	20°54	6°41	7°39	24° 7	17°11	F 16
S 17	9 58 13	1°24'15	5♌ 8	3°14	18° 4	18°55	10°47	12°R22	2°45	10°D44	20°53	6°30	7°36	24°14	17°13	S 17
S 18	10 2 10	2°24'05	17°36	5°11	19°13	18°50	10°42	12°22	2°48	10°44	20°52	6°18	7°33	24°21	17°16	S 18
M19	10 6 7	3°23'52	0♍18	7° 9	20°22	18°45	10°38	12°22	2°52	10°44	20°51	6° 7	7°30	24°27	17°19	M19
T 20	10 10 3	4°23'38	13°14	9° 8	21°31	18°41	10°33	12°21	2°55	10°44	20°50	5°56	7°27	24°34	17°22	T 20
W21	10 14 0	5°23'21	26°22	11° 7	22°41	18°38	10°28	12°21	2°59	10°44	20°49	5°48	7°23	24°41	17°25	W21
T 22	10 17 56	6°23'03	9♎42	13° 6	23°50	18°36	10°23	12°21	3° 2	10°44	20°48	5°43	7°20	24°47	17°28	T 22
F 23	10 21 53	7°22'42	23°12	15° 5	24°59	18°34	10°17	12°20	3° 6	10°44	20°47	5°40	7°17	24°54	17°32	F 23
S 24	10 25 49	8°22'20	6♏52	17° 4	26° 9	18°34	10°12	12°19	3° 9	10°45	20°46	5°D39	7°14	25° 1	17°35	S 24
S 25	10 29 46	9°21'56	20°41	19° 2	27°19	18°D34	10° 6	12°19	3°12	10°45	20°45	5°40	7°11	25° 7	17°38	S 25
M26	10 33 42	10°21'31	4♐39	20°59	28°29	18°34	10° 1	12°18	3°16	10°45	20°44	5°R41	7° 8	25°14	17°41	M26
T 27	10 37 39	11°21'03	18°45	22°55	29°38	18°36	9°55	12°17	3°19	10°45	20°43	5°40	7° 4	25°21	17°44	T 27
W28	10 41 36	12°20'34	2♉59	24°50	0♒48	18°38	9°49	12°16	3°23	10°46	20°41	5°39	7° 1	25°27	17°47	W28
T 29	10 45 32	13♓20'03	17♉18	26♓42	1♒58	18♋41	9♎43	12♏14	3♓26	10♊46	20♎40	5♏35	6♏58	25♊34	17♈51	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s20	19s 6	4n18	21s20	2s 2	21s17	2n19	26n 4	4n21	3s12	1n32	13s21	2n21	11s34	0s44	20n52	1s22	7n19	16n49	14s20	14s25	19n49	7n41	1n14
F 2	16 2	17 2	4 49	20 56	2 3	21 21	2 15	26 6	4 20	3 11	1 33	13 22	2 21	11 33	0 44	20 52	1 22	7 20	16 50	14 16	14 24	19 48	7 42	1 14
S 3	15 44	13 51	5 1	20 31	2 4	21 24	2 11	26 7	4 19	3 10	1 33	13 22	2 21	11 32	0 44	20 52	1 22	7 21	16 50	14 13	14 23	19 48	7 42	1 14
S 4	15 25	9 50	4 52	20 5	2 5	21 27	2 6	26 8	4 17	3 9	1 33	13 22	2 21	11 31	0 44	20 52	1 22	7 21	16 51	14 9	14 22	19 48	7 43	1 13
M 5	15 6	5 21	4 25	19 36	2 5	21 29	2 2	26 9	4 16	3 8	1 33	13 22	2 21	11 29	0 44	20 52	1 22	7 22	16 51	14 5	14 21	19 47	7 44	1 13
T 6	14 47	0 41	3 43	19 6	2 5	21 31	1 58	26 10	4 14	3 7	1 34	13 22	2 22	11 28	0 44	20 52	1 22	7 23	16 52	14 2	14 20	19 47	7 45	1 13
W 7	14 28	3n52	2 49	18 35	2 5	21 32	1 54	26 11	4 13	3 6	1 34	13 23	2 22	11 27	0 44	20 52	1 22	7 23	16 52	14 0	14 19	19 47	7 46	1 13
T 8	14 8	8 7	1 48	18 1	2 4	21 33	1 49	26 11	4 11	3 4	1 34	13 23	2 22	11 26	0 44	20 52	1 22	7 24	16 53	13 58	14 18	19 47	7 46	1 13
F 9	13 48	11 51	0 43	17 26	2 2	21 33	1 45	26 12	4 9	3 3	1 34	13 23	2 22	11 25	0 44	20 52	1 22	7 25	16 53	13 58	14 17	19 46	7 47	1 13
S 10	13 28	14 58	0s22	16 50	2 0	21 32	1 41	26 12	4 8	3 2	1 35	13 23	2 22	11 23	0 44	20 52	1 21	7 25	16 54	13 58	14 16	19 46	7 48	1 13
S 11	13 8	17 21	1 26	16 11	1 58	21 31	1 37	26 12	4 6	3 0	1 35	13 23	2 23	11 22	0 44	20 52	1 21	7 26	16 54	13 58	14 15	19 46	7 49	1 13
M12	12 48	18 58	2 24	15 32	1 55	21 29	1 32	26 11	4 4	2 58	1 35	13 23	2 23	11 21	0 44	20 52	1 21	7 27	16 55	13 58	14 14	19 45	7 50	1 12
T 13	12 27	19 43	3 16	14 50	1 51	21 27	1 28	26 11	4 2	2 57	1 35	13 23	2 23	11 20	0 44	20 52	1 21	7 27	16 55	13 57	14 12	19 45	7 51	1 12
W14	12 6	19 36	3 59	14 7	1 47	21 24	1 24	26 10	4 0	2 55	1 35	13 23	2 23	11 18	0 44	20 52	1 21	7 28	16 56	13 56	14 11	19 45	7 52	1 12
T 15	11 45	18 38	4 33	13 22	1 42	21 21	1 19	26 9	3 58	2 53	1 36	13 22	2 23	11 17	0 44	20 52	1 21	7 29	16 56	13 53	14 10	19 44	7 53	1 12
F 16	11 24	16 49	4 54	12 36	1 37	21 17	1 15	26 8	3 57	2 51	1 36	13 22	2 24	11 16	0 44	20 52	1 21	7 29	16 56	13 50	14 9	19 44	7 54	1 12
S 17	11 3	14 13	5 3	11 48	1 31	21 12	1 11	26 7	3 55	2 49	1 36	13 22	2 24	11 15	0 44	20 52	1 21	7 30	16 57	13 47	14 8	19 44	7 55	1 12
S 18	10 41	10 57	4 57	10 59	1 25	21 7	1 7	26 6	3 53	2 47	1 36	13 22	2 24	11 13	0 44	20 52	1 21	7 31	16 57	13 43	14 7	19 44	7 56	1 12
M19	10 20	7 7	4 37	10 9	1 18	21 1	1 2	26 5	3 51	2 45	1 36	13 22	2 24	11 12	0 44	20 52	1 21	7 32	16 58	13 39	14 6	19 43	7 57	1 12
T 20	9 58	2 55	4 2	9 17	1 10	20 55	0 58	26 3	3 49	2 43	1 37	13 21	2 24	11 11	0 44	20 52	1 21	7 32	16 58	13 35	14 5	19 43	7 58	1 12
W21	9 36	1s30	3 14	8 24	1 2	20 48	0 54	26 2	3 47	2 41	1 37	13 21	2 25	11 10	0 44	20 52	1 21	7 33	16 58	13 33	14 4	19 43	7 59	1 11
T 22	9 14	5 55	2 14	7 30	0 53	20 40	0 50	26 0	3 45	2 39	1 37	13 21	2 25	11 8	0 44	20 52	1 21	7 34	16 59	13 31	14 3	19 42	8 0	1 11
F 23	8 51	10 6	1 6	6 36	0 44	20 32	0 46	25 58	3 42	2 37	1 37	13 20	2 25	11 7	0 44	20 52	1 21	7 35	16 59	13 30	14 2	19 42	8 1	1 11
S 24	8 29	13 48	0n 7	5 40	0 34	20 23	0 41	25 56	3 40	2 34	1 37	13 20	2 25	11 6	0 44	20 52	1 21	7 35	17 0	13 30	14 1	19 42	8 2	1 11
S 25	8 7	16 46	1 20	4 44	0 24	20 14	0 37	25 54	3 38	2 32	1 37	13 19	2 25	11 5	0 44	20 53	1 21	7 36	17 0	13 30	14 0	19 41	8 3	1 11
M26	7 44	18 46	2 29	3 48	0 13	20 4	0 33	25 52	3 36	2 30	1 38	13 19	2 26	11 3	0 44	20 53	1 21	7 37	17 0	13 30	13 59	19 41	8 4	1 11
T 27	7 21	19 38	3 30	2 51	0 2	19 53	0 29	25 50	3 34	2 27	1 38	13 19	2 26	11 2	0 44	20 53	1 21	7 38	17 1	13 30	13 58	19 40	8 6	1 11
W28	6 58	19 15	4 19	1 55	0n10	19 42	0 25	25 48	3 32	2 25	1 38	13 18	2 26	11 1	0 44	20 53	1 20	7 38	17 1	13 29	13 57	19 40	8 7	1 11
T 29	6s36	17s39	4n51	0s59	0n22	19s31	0n21	25n45	3n30	2s22	1n38	13s18	2n26	11s 0	0s44	20n53	1s20	7n39	17n 1	13s28	13s56	19n40	8n 8	1n10

Julian Day Number = 1994295.5, Delta T = 53m41s
Ecliptic obliquity = 23°35'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'03, Lahiri = 6°25'04 Julian Calendar 1 Feb. 748 == Greg. Calendar 5 Feb. 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

MARCH 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 49 29	14♓19'30	1♒40	28♓32	3♒ 8	18♋44	9°R36	12°R13	3♓30	10♊47	20°R39	5°R28	6♏55	25♊41	17♈54	F 1
S 2	10 53 25	15°18'56	15°59	0♈19	4°19	18°48	9♎30	12♏12	3°33	10°47	20♎38	5♏21	6°52	25°48	17°57	S 2
S 3	10 57 22	16°18'19	0♓ 9	2° 3	5°29	18°53	9°24	12°10	3°36	10°48	20°36	5°13	6°48	25°54	18° 1	S 3
M 4	11 1 18	17°17'40	14° 7	3°43	6°39	18°59	9°17	12° 9	3°40	10°48	20°35	5° 5	6°45	26° 1	18° 4	M 4
T 5	11 5 15	18°16'59	27°47	5°19	7°49	19° 5	9°10	12° 7	3°43	10°49	20°34	4°58	6°42	26° 8	18° 8	T 5
W 6	11 9 11	19°16'16	11♈ 7	6°51	9° 0	19°12	9° 4	12° 5	3°46	10°49	20°32	4°53	6°39	26°14	18°11	W 6
T 7	11 13 8	20°15'31	24° 6	8°17	10°10	19°19	8°57	12° 4	3°50	10°50	20°31	4°51	6°36	26°21	18°14	T 7
F 8	11 17 4	21°14'43	6♉44	9°39	11°21	19°28	8°50	12° 2	3°53	10°51	20°30	4°D50	6°33	26°28	18°18	F 8
S 9	11 21 1	22°13'54	19° 4	10°54	12°31	19°36	8°43	12° 0	3°56	10°51	20°28	4°51	6°29	26°34	18°21	S 9
S 10	11 24 58	23°13'02	1♊10	12° 4	13°42	19°46	8°36	11°57	4° 0	10°52	20°27	4°53	6°26	26°41	18°25	S 10
M11	11 28 54	24°12'07	13° 6	13° 8	14°53	19°55	8°28	11°55	4° 3	10°53	20°25	4°54	6°23	26°48	18°29	M11
T 12	11 32 51	25°11'11	24°58	14° 6	16° 4	20° 6	8°21	11°53	4° 6	10°54	20°24	4°R55	6°20	26°54	18°32	T 12
W13	11 36 47	26°10'11	6♋49	14°57	17°14	20°17	8°14	11°51	4° 9	10°54	20°22	4°54	6°17	27° 1	18°36	W13
T 14	11 40 44	27° 9'10	18°46	15°41	18°25	20°29	8° 6	11°48	4°13	10°55	20°21	4°52	6°13	27° 8	18°39	T 14
F 15	11 44 40	28° 8'06	0♌52	16°19	19°36	20°41	7°59	11°46	4°16	10°56	20°19	4°48	6°10	27°15	18°43	F 15
S 16	11 48 37	29° 7'00	13°12	16°50	20°47	20°53	7°52	11°43	4°19	10°57	20°18	4°43	6° 7	27°21	18°47	S 16
S 17	11 52 33	0♈ 5'52	25°49	17°15	21°58	21° 6	7°44	11°40	4°22	10°58	20°16	4°37	6° 4	27°28	18°50	S 17
M18	11 56 30	1° 4'41	8♍42	17°32	23° 9	21°20	7°36	11°38	4°25	10°59	20°15	4°31	6° 1	27°35	18°54	M18
T 19	12 0 27	2° 3'28	21°55	17°43	24°20	21°34	7°29	11°35	4°29	11° 0	20°13	4°26	5°58	27°41	18°58	T 19
W20	12 4 23	3° 2'13	5♎24	17°R47	25°31	21°49	7°21	11°32	4°32	11° 1	20°12	4°22	5°54	27°48	19° 1	W20
T 21	12 8 20	4° 0'56	19° 8	17°45	26°42	22° 4	7°14	11°29	4°35	11° 2	20°10	4°20	5°51	27°55	19° 5	T 21
F 22	12 12 16	4°59'37	3♏ 4	17°37	27°53	22°19	7° 6	11°26	4°38	11° 3	20° 8	4°D19	5°48	28° 1	19° 9	F 22
S 23	12 16 13	5°58'17	17° 9	17°23	29° 5	22°35	6°58	11°23	4°41	11° 4	20° 7	4°19	5°45	28° 8	19°13	S 23
S 24	12 20 9	6°56'54	1♐20	17° 4	0♓16	22°52	6°51	11°19	4°44	11° 5	20° 5	4°21	5°42	28°15	19°16	S 24
M25	12 24 6	7°55'30	15°34	16°39	1°27	23° 9	6°43	11°16	4°47	11° 7	20° 3	4°22	5°39	28°21	19°20	M25
T 26	12 28 2	8°54'04	29°47	16°10	2°38	23°26	6°35	11°13	4°50	11° 8	20° 2	4°23	5°35	28°28	19°24	T 26
W27	12 31 59	9°52'36	13♑59	15°37	3°50	23°44	6°28	11° 9	4°53	11° 9	20° 0	4°R23	5°32	28°35	19°28	W27
T 28	12 35 56	10°51'07	28° 7	15° 1	5° 1	24° 2	6°20	11° 6	4°56	11°10	19°58	4°22	5°29	28°42	19°32	T 28
F 29	12 39 52	11°49'36	12♒ 8	14°23	6°13	24°20	6°12	11° 2	4°59	11°12	19°57	4°21	5°26	28°48	19°35	F 29
S 30	12 43 49	12°48'04	26° 2	13°42	7°24	24°39	6° 5	10°59	5° 2	11°13	19°55	4°18	5°23	28°55	19°39	S 30
S 31	12 47 45	13♈46'29	9♓44	13♈ 1	8♓36	24♋59	5♎57	10♏55	5♓ 5	11♊14	19♎53	4♏15	5♏19	29♊ 2	19♈43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s13	14s57	5n 6	0s 4	0n34	19s18	0n17	25n43	3n28	2s20	1n38	13s17	2n26	10s58	0s44	20n53	1s20	7n40	17n 2	13s26	13s55	19n39	8n 9	1n10
S 2	5 49	11 21	5 1	0n50	0 47	19 6	0 13	25 40	3 26	2 17	1 38	13 16	2 27	10 57	0 44	20 53	1 20	7 41	17 2	13 23	13 54	19 39	8 10	1 10
S 3	5 26	7 9	4 38	1 43	0 59	18 53	0 9	25 37	3 24	2 14	1 39	13 16	2 27	10 56	0 44	20 53	1 20	7 41	17 2	13 21	13 53	19 39	8 11	1 10
M 4	5 3	2 37	3 59	2 35	1 12	18 39	0 6	25 35	3 22	2 12	1 39	13 15	2 27	10 55	0 44	20 53	1 20	7 42	17 3	13 18	13 52	19 38	8 13	1 10
T 5	4 40	1n58	3 6	3 25	1 24	18 24	0 2	25 32	3 20	2 9	1 39	13 14	2 27	10 54	0 44	20 54	1 20	7 43	17 3	13 16	13 51	19 38	8 14	1 10
W 6	4 16	6 20	2 5	4 12	1 36	18 10	0s 2	25 29	3 18	2 6	1 39	13 14	2 27	10 52	0 44	20 54	1 20	7 44	17 3	13 14	13 50	19 37	8 15	1 10
T 7	3 53	10 18	0 58	4 58	1 48	17 54	0 6	25 26	3 16	2 3	1 39	13 13	2 27	10 51	0 44	20 54	1 20	7 44	17 4	13 13	13 48	19 37	8 16	1 10
F 8	3 30	13 42	0s10	5 41	2 0	17 38	0 9	25 22	3 14	2 0	1 39	13 12	2 28	10 50	0 44	20 54	1 20	7 45	17 4	13 13	13 47	19 37	8 18	1 10
S 9	3 6	16 23	1 16	6 21	2 11	17 22	0 13	25 19	3 12	1 58	1 39	13 11	2 28	10 49	0 44	20 54	1 20	7 46	17 4	13 14	13 46	19 36	8 19	1 10
S 10	2 43	18 17	2 18	6 58	2 21	17 5	0 16	25 16	3 10	1 55	1 39	13 11	2 28	10 47	0 44	20 54	1 20	7 47	17 4	13 14	13 45	19 36	8 20	1 9
M11	2 19	19 20	3 13	7 32	2 31	16 48	0 20	25 12	3 8	1 52	1 39	13 10	2 28	10 46	0 44	20 54	1 20	7 47	17 5	13 15	13 44	19 35	8 21	1 9
T 12	1 56	19 31	3 59	8 3	2 40	16 30	0 23	25 9	3 6	1 49	1 39	13 9	2 28	10 45	0 44	20 55	1 20	7 48	17 5	13 15	13 43	19 35	8 23	1 9
W13	1 32	18 51	4 35	8 31	2 48	16 12	0 27	25 5	3 4	1 46	1 39	13 8	2 28	10 44	0 44	20 55	1 20	7 49	17 5	13 14	13 42	19 35	8 24	1 9
T 14	1 8	17 20	4 59	8 55	2 56	15 53	0 30	25 1	3 2	1 43	1 40	13 7	2 29	10 43	0 44	20 55	1 20	7 50	17 5	13 14	13 41	19 34	8 25	1 9
F 15	0 45	15 3	5 10	9 15	3 2	15 34	0 33	24 58	3 0	1 40	1 40	13 6	2 29	10 42	0 44	20 55	1 20	7 50	17 6	13 12	13 40	19 34	8 27	1 9
S 16	0 21	12 3	5 8	9 32	3 7	15 14	0 36	24 54	2 58	1 37	1 40	13 5	2 29	10 40	0 44	20 55	1 20	7 51	17 6	13 11	13 39	19 33	8 28	1 9
S 17	0n 2	8 27	4 50	9 45	3 11	14 54	0 40	24 50	2 56	1 34	1 40	13 4	2 29	10 39	0 44	20 56	1 20	7 52	17 6	13 9	13 38	19 33	8 29	1 9
M18	0 26	4 23	4 18	9 55	3 14	14 34	0 43	24 46	2 54	1 31	1 40	13 3	2 29	10 38	0 44	20 56	1 19	7 53	17 6	13 7	13 37	19 33	8 31	1 9
T 19	0 49	0 0	3 31	10 0	3 16	14 13	0 46	24 42	2 53	1 28	1 40	13 2	2 29	10 37	0 44	20 56	1 19	7 53	17 6	13 5	13 36	19 32	8 32	1 9
W20	1 13	4s28	2 32	10 2	3 16	13 52	0 48	24 38	2 51	1 25	1 40	13 1	2 30	10 36	0 44	20 56	1 19	7 54	17 6	13 4	13 35	19 32	8 33	1 9
T 21	1 36	8 48	1 22	10 0	3 14	13 30	0 51	24 33	2 49	1 22	1 40	13 0	2 30	10 35	0 44	20 56	1 19	7 55	17 7	13 3	13 34	19 31	8 35	1 8
F 22	2 0	12 43	0 7	9 54	3 12	13 8	0 54	24 29	2 47	1 19	1 40	12 59	2 30	10 34	0 44	20 56	1 19	7 56	17 7	13 3	13 33	19 31	8 36	1 8
S 23	2 23	15 57	1n10	9 45	3 7	12 46	0 57	24 24	2 45	1 16	1 40	12 58	2 30	10 32	0 44	20 57	1 19	7 56	17 7	13 3	13 32	19 30	8 37	1 8
S 24	2 47	18 14	2 23	9 32	3 2	12 23	0 59	24 20	2 43	1 13	1 40	12 57	2 30	10 31	0 44	20 57	1 19	7 57	17 7	13 3	13 30	19 30	8 39	1 8
M25	3 10	19 22	3 27	9 16	2 54	12 0	1 2	24 15	2 42	1 10	1 40	12 56	2 30	10 30	0 44	20 57	1 19	7 58	17 7	13 4	13 29	19 29	8 40	1 8
T 26	3 33	19 17	4 19	8 57	2 46	11 36	1 4	24 11	2 40	1 6	1 40	12 55	2 30	10 29	0 44	20 57	1 19	7 58	17 7	13 4	13 28	19 29	8 41	1 8
W27	3 56	17 58	4 55	8 35	2 36	11 12	1 7	24 6	2 38	1 3	1 40	12 54	2 30	10 28	0 44	20 58	1 19	7 59	17 7	13 4	13 27	19 29	8 43	1 8
T 28	4 19	15 34	5 13	8 10	2 24	10 48	1 9	24 1	2 36	1 0	1 40	12 52	2 30	10 27	0 44	20 58	1 19	8 0	17 7	13 4	13 26	19 28	8 44	1 8
F 29	4 42	12 17	5 12	7 43	2 12	10 24	1 12	23 56	2 35	0 57	1 40	12 51	2 31	10 26	0 44	20 58	1 19	8 0	17 7	13 3	13 25	19 28	8 45	1 8
S 30	5 5	8 21	4 52	7 15	1 58	9 59	1 14	23 51	2 33	0 54	1 40	12 50	2 31	10 25	0 44	20 58	1 19	8 1	17 7	13 2	13 24	19 27	8 47	1 8
S 31	5n28	4s 1	4n16	6n45	1n43	9s34	1s16	23n46	2n31	0s52	1n39	12s49	2n31	10s24	0s44	20n58	1s19	8n 2	17n 7	13s 1	13s23	19n27	8n48	1n 8

Julian Day Number = 1994324.5, Delta T = 53m40s
Ecliptic obliquity = 23°35'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'07, Lahiri = 6°25'08 Julian Calendar 1 March 748 == Greg. Calendar 5 March 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

APRIL 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 51 42	14♈44'53	23♓14	12°R20	9♓47	25♋18	5°R49	10°R51	5♓ 8	11♊16	19°R52	4°R12	5♏16	29♊ 8	19♈47	M 1
T 2	12 55 38	15°43'15	6♈30	11♈39	10°59	25°38	5♎42	10♏48	5°10	11°17	19♎50	4♏10	5°13	29°15	19°51	T 2
W 3	12 59 35	16°41'35	19°30	10°59	12°10	25°59	5°35	10°44	5°13	11°19	19°48	4° 8	5°10	29°22	19°54	W 3
T 4	13 3 31	17°39'54	2♉15	10°21	13°22	26°19	5°27	10°40	5°16	11°20	19°47	4°D 8	5° 7	29°28	19°58	T 4
F 5	13 7 28	18°38'10	14°44	9°46	14°34	26°40	5°20	10°36	5°19	11°22	19°45	4° 8	5° 4	29°35	20° 2	F 5
S 6	13 11 24	19°36'25	26°59	9°14	15°45	27° 2	5°12	10°32	5°21	11°23	19°43	4° 9	5° 0	29°42	20° 6	S 6
S 7	13 15 21	20°34'37	9♊ 3	8°45	16°57	27°24	5° 5	10°28	5°24	11°25	19°42	4°10	4°57	29°49	20°10	S 7
M 8	13 19 18	21°32'48	20°59	8°20	18° 9	27°46	4°58	10°24	5°27	11°26	19°40	4°11	4°54	29°55	20°14	M 8
T 9	13 23 14	22°30'57	2♋51	8° 0	19°21	28° 8	4°51	10°20	5°29	11°28	19°38	4°12	4°51	0♋ 2	20°18	T 9
W10	13 27 11	23°29'03	14°43	7°44	20°32	28°31	4°44	10°16	5°32	11°29	19°37	4°13	4°48	0° 9	20°21	W10
T 11	13 31 7	24°27'08	26°40	7°32	21°44	28°54	4°37	10°11	5°34	11°31	19°35	4°R13	4°45	0°15	20°25	T 11
F 12	13 35 4	25°25'11	8♌46	7°25	22°56	29°17	4°30	10° 7	5°37	11°33	19°33	4°13	4°41	0°22	20°29	F 12
S 13	13 39 0	26°23'11	21° 7	7°D23	24° 8	29°41	4°24	10° 3	5°39	11°34	19°31	4°12	4°38	0°29	20°33	S 13
S 14	13 42 57	27°21'10	3♍45	7°26	25°20	0♌ 4	4°17	9°59	5°42	11°36	19°30	4°11	4°35	0°35	20°37	S 14
M15	13 46 53	28°19'07	16°43	7°33	26°32	0°29	4°10	9°54	5°44	11°38	19°28	4°11	4°32	0°42	20°40	M15
T 16	13 50 50	29°17'02	0♎ 4	7°45	27°44	0°53	4° 4	9°50	5°46	11°39	19°26	4°10	4°29	0°49	20°44	T 16
W17	13 54 47	0♉14'55	13°47	8° 2	28°55	1°18	3°58	9°46	5°49	11°41	19°25	4°10	4°25	0°55	20°48	W17
T 18	13 58 43	1°12'47	27°51	8°23	0♈ 7	1°43	3°52	9°41	5°51	11°43	19°23	4°D 9	4°22	1° 2	20°52	T 18
F 19	14 2 40	2°10'36	12♏12	8°48	1°19	2° 8	3°46	9°37	5°53	11°45	19°22	4° 9	4°19	1° 9	20°56	F 19
S 20	14 6 36	3° 8'25	26°44	9°17	2°31	2°33	3°40	9°33	5°56	11°47	19°20	4°10	4°16	1°16	20°59	S 20
S 21	14 10 33	4° 6'12	11♐22	9°51	3°43	2°59	3°34	9°28	5°58	11°48	19°18	4°R10	4°13	1°22	21° 3	S 21
M22	14 14 29	5° 3'58	26° 0	10°29	4°55	3°25	3°28	9°24	6° 0	11°50	19°17	4°10	4°10	1°29	21° 7	M22
T 23	14 18 26	6° 1'43	10♑31	11°10	6° 8	3°51	3°23	9°19	6° 2	11°52	19°15	4° 9	4° 6	1°36	21°11	T 23
W24	14 22 22	6°59'26	24°53	11°55	7°20	4°17	3°17	9°15	6° 4	11°54	19°13	4° 9	4° 3	1°42	21°15	W24
T 25	14 26 19	7°57'09	9♒ 1	12°44	8°32	4°44	3°12	9°10	6° 6	11°56	19°12	4°D 9	4° 0	1°49	21°18	T 25
F 26	14 30 16	8°54'50	22°53	13°36	9°44	5°11	3° 7	9° 6	6° 8	11°58	19°10	4° 9	3°57	1°56	21°22	F 26
S 27	14 34 12	9°52'30	6♓30	14°32	10°56	5°38	3° 2	9° 1	6°10	12° 0	19° 9	4°10	3°54	2° 3	21°26	S 27
S 28	14 38 9	10°50'09	19°51	15°30	12° 8	6° 5	2°57	8°57	6°12	12° 2	19° 7	4°10	3°50	2° 9	21°29	S 28
M29	14 42 5	11°47'47	2♈58	16°32	13°20	6°33	2°52	8°53	6°14	12° 4	19° 6	4°11	3°47	2°16	21°33	M29
T 30	14 46 2	12♉45'24	15♈50	17♈37	14♈33	7♌ 0	2♎48	8♏48	6♓16	12♊ 6	19♎ 4	4♏12	3♏44	2♋23	21♈37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n51	0n28	3n27	6n15	1n28	9s 9	1s18	23n40	2n30	0s49	1n39	12s48	2n31	10s23	0s44	20n59	1s19	8n 2	17n 8	13s 0	13s22	19n26	8n50	1n 8
T 2	6 14	4 50	2 27	5 44	1 12	8 44	1 20	23 35	2 28	0 46	1 39	12 46	2 31	10 22	0 44	20 59	1 19	8 3	17 8	12 59	13 21	19 26	8 51	1 7
W 3	6 36	8 55	1 20	5 13	0 55	8 18	1 22	23 29	2 26	0 43	1 39	12 45	2 31	10 21	0 44	20 59	1 19	8 4	17 8	12 59	13 20	19 25	8 52	1 7
T 4	6 59	12 30	0 10	4 43	0 38	7 52	1 24	23 24	2 25	0 40	1 39	12 44	2 31	10 20	0 44	20 59	1 19	8 4	17 8	12 59	13 19	19 25	8 54	1 7
F 5	7 21	15 26	0s58	4 13	0 21	7 26	1 25	23 18	2 23	0 37	1 39	12 42	2 31	10 19	0 44	21 0	1 19	8 5	17 8	12 59	13 18	19 24	8 55	1 7
S 6	7 43	17 37	2 3	3 45	0 5	6 59	1 27	23 12	2 22	0 34	1 39	12 41	2 31	10 18	0 44	21 0	1 19	8 5	17 8	12 59	13 17	19 24	8 57	1 7
S 7	8 5	18 58	3 1	3 18	0s12	6 32	1 28	23 6	2 20	0 31	1 39	12 40	2 31	10 17	0 45	21 0	1 19	8 6	17 7	13 0	13 16	19 23	8 58	1 7
M 8	8 27	19 27	3 51	2 54	0 28	6 6	1 30	23 1	2 18	0 29	1 39	12 39	2 31	10 16	0 45	21 0	1 18	8 7	17 7	13 0	13 14	19 23	8 59	1 7
T 9	8 49	19 3	4 31	2 31	0 44	5 39	1 31	22 54	2 17	0 26	1 39	12 37	2 31	10 15	0 45	21 1	1 18	8 7	17 7	13 0	13 13	19 22	9 1	1 7
W10	9 11	17 50	4 59	2 11	0 59	5 11	1 33	22 48	2 15	0 23	1 38	12 36	2 31	10 14	0 45	21 1	1 18	8 8	17 7	13 1	13 12	19 22	9 2	1 7
T 11	9 32	15 49	5 14	1 53	1 14	4 44	1 34	22 42	2 14	0 21	1 38	12 35	2 31	10 13	0 45	21 1	1 18	8 8	17 7	13 1	13 11	19 21	9 4	1 7
F 12	9 54	13 6	5 16	1 37	1 28	4 17	1 35	22 36	2 12	0 18	1 38	12 33	2 32	10 12	0 45	21 1	1 18	8 9	17 7	13 1	13 10	19 21	9 5	1 7
S 13	10 15	9 46	5 3	1 24	1 41	3 49	1 36	22 29	2 11	0 16	1 38	12 32	2 32	10 11	0 45	21 2	1 18	8 9	17 7	13 0	13 9	19 20	9 6	1 7
S 14	10 36	5 55	4 36	1 14	1 53	3 21	1 37	22 23	2 9	0 13	1 38	12 30	2 32	10 11	0 45	21 2	1 18	8 10	17 7	13 0	13 8	19 20	9 8	1 7
M15	10 57	1 41	3 54	1 6	2 5	2 53	1 38	22 16	2 8	0 11	1 38	12 29	2 32	10 10	0 45	21 2	1 18	8 10	17 7	13 0	13 7	19 19	9 9	1 7
T 16	11 18	2s45	2 58	1 2	2 15	2 25	1 39	22 9	2 6	0 8	1 38	12 28	2 32	10 9	0 45	21 3	1 18	8 11	17 7	13 0	13 6	19 19	9 11	1 7
W17	11 38	7 10	1 51	0 59	2 25	1 57	1 40	22 2	2 5	0 6	1 37	12 26	2 32	10 8	0 45	21 3	1 18	8 11	17 7	12 59	13 5	19 18	9 12	1 6
T 18	11 58	11 19	0 35	0 59	2 34	1 29	1 40	21 55	2 4	0 4	1 37	12 25	2 32	10 7	0 45	21 3	1 18	8 12	17 6	12 59	13 4	19 18	9 13	1 6
F 19	12 19	14 54	0n44	1 2	2 42	1 1	1 41	21 48	2 2	0 1	1 37	12 24	2 32	10 6	0 45	21 3	1 18	8 12	17 6	12 59	13 3	19 17	9 15	1 6
S 20	12 39	17 35	2 2	1 7	2 49	0 32	1 41	21 41	2 1	0n 1	1 37	12 22	2 32	10 6	0 45	21 4	1 18	8 13	17 6	12 59	13 2	19 16	9 16	1 6
S 21	12 58	19 7	3 12	1 15	2 55	0 4	1 42	21 33	1 59	0 3	1 37	12 21	2 32	10 5	0 45	21 4	1 18	8 13	17 6	12 59	13 0	19 16	9 17	1 6
M22	13 18	19 23	4 10	1 25	3 0	0n24	1 42	21 26	1 58	0 5	1 36	12 19	2 32	10 4	0 45	21 4	1 18	8 14	17 6	12 59	12 59	19 15	9 19	1 6
T 23	13 37	18 21	4 51	1 37	3 5	0 53	1 43	21 18	1 57	0 7	1 36	12 18	2 32	10 3	0 45	21 4	1 18	8 14	17 6	12 59	12 58	19 15	9 20	1 6
W24	13 56	16 10	5 13	1 52	3 8	1 21	1 43	21 11	1 55	0 9	1 36	12 17	2 32	10 3	0 45	21 5	1 18	8 14	17 5	12 59	12 57	19 14	9 22	1 6
T 25	14 15	13 2	5 16	2 8	3 11	1 50	1 43	21 3	1 54	0 11	1 36	12 15	2 32	10 2	0 45	21 5	1 18	8 15	17 5	12 59	12 56	19 14	9 23	1 6
F 26	14 34	9 15	5 1	2 26	3 13	2 18	1 43	20 55	1 53	0 13	1 36	12 14	2 32	10 1	0 45	21 5	1 18	8 15	17 5	12 59	12 55	19 13	9 24	1 6
S 27	14 52	5 2	4 28	2 47	3 14	2 47	1 43	20 47	1 51	0 15	1 35	12 12	2 31	10 0	0 45	21 6	1 18	8 15	17 5	12 59	12 54	19 13	9 26	1 6
S 28	15 11	0 39	3 42	3 9	3 15	3 15	1 43	20 39	1 50	0 16	1 35	12 11	2 31	10 0	0 45	21 6	1 18	8 16	17 5	13 0	12 53	19 12	9 27	1 6
M29	15 28	3n42	2 45	3 33	3 15	3 44	1 43	20 31	1 49	0 18	1 35	12 10	2 31	9 59	0 45	21 6	1 18	8 16	17 4	13 0	12 52	19 11	9 28	1 6
T 30	15n46	7n48	1n40	3n58	3s14	4n12	1s42	20n22	1n47	0n20	1n35	12s 8	2n31	9s58	0s45	21n 7	1s18	8n16	17n 4	13s 0	12s51	19n11	9n30	1n 6

Julian Day Number = 1994355.5, Delta T = 53m39s
Ecliptic obliquity = 23°35'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'11, Lahiri = 6°25'12 Julian Calendar 1 Apr. 748 == Greg. Calendar 5 Apr. 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

MAY 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 49 58	13♉43'00	28♈29	18♈45	15♈45	7♌28	2°R43	8°R44	6♓17	12♊ 8	19°R 3	4°R12	3♏41	2♋29	21♈40	W 1
T 2	14 53 55	14°40'34	10♉56	19°56	16°57	7°56	2♎39	8♏39	6°19	12°10	19♎ 1	4♏12	3°38	2°36	21°44	T 2
F 3	14 57 51	15°38'07	23°12	21° 9	18°10	8°25	2°35	8°35	6°21	12°12	19° 0	4°11	3°35	2°43	21°48	F 3
S 4	15 1 48	16°35'40	5♊18	22°26	19°22	8°53	2°31	8°30	6°23	12°14	18°58	4°10	3°31	2°49	21°51	S 4
S 5	15 5 45	17°33'11	17°18	23°45	20°34	9°22	2°27	8°26	6°24	12°16	18°57	4° 8	3°28	2°56	21°55	S 5
M 6	15 9 41	18°30'40	29°11	25° 6	21°46	9°51	2°24	8°22	6°26	12°18	18°55	4° 6	3°25	3° 3	21°58	M 6
T 7	15 13 38	19°28'09	11♋ 3	26°31	22°59	10°20	2°21	8°17	6°27	12°20	18°54	4° 4	3°22	3°10	22° 2	T 7
W 8	15 17 34	20°25'36	22°54	27°58	24°11	10°49	2°17	8°13	6°29	12°22	18°53	4° 2	3°19	3°16	22° 5	W 8
T 9	15 21 31	21°23'02	4♌51	29°27	25°24	11°18	2°14	8° 9	6°30	12°24	18°51	4° 1	3°16	3°23	22° 9	T 9
F 10	15 25 27	22°20'26	16°55	0♍59	26°36	11°48	2°11	8° 5	6°32	12°26	18°50	4°D 0	3°12	3°30	22°12	F 10
S 11	15 29 24	23°17'50	29°13	2°34	27°48	12°18	2° 9	8° 0	6°33	12°29	18°49	4° 0	3° 9	3°36	22°16	S 11
S 12	15 33 20	24°15'12	11♍48	4°11	29° 1	12°48	2° 6	7°56	6°34	12°31	18°47	4° 1	3° 6	3°43	22°19	S 12
M13	15 37 17	25°12'33	24°45	5°51	0♍13	13°18	2° 4	7°52	6°35	12°33	18°46	4° 2	3° 3	3°50	22°22	M13
T 14	15 41 13	26° 9'52	8♎ 5	7°33	1°26	13°48	2° 2	7°48	6°37	12°35	18°45	4° 3	3° 0	3°56	22°26	T 14
W15	15 45 10	27° 7'11	21°52	9°18	2°38	14°19	2° 0	7°44	6°38	12°37	18°43	4° 5	2°56	4° 3	22°29	W15
T 16	15 49 7	28° 4'29	6♏ 5	11° 5	3°51	14°49	1°58	7°40	6°39	12°39	18°42	4°R 5	2°53	4°10	22°32	T 16
F 17	15 53 3	29° 1'45	20°40	12°55	5° 3	15°20	1°56	7°36	6°40	12°41	18°41	4° 4	2°50	4°17	22°36	F 17
S 18	15 57 0	29°59'01	5♐33	14°47	6°16	15°51	1°55	7°32	6°41	12°44	18°40	4° 2	2°47	4°23	22°39	S 18
S 19	16 0 56	0♊56'17	20°34	16°42	7°28	16°22	1°53	7°28	6°42	12°46	18°39	3°59	2°44	4°30	22°42	S 19
M20	16 4 53	1°53'32	5♑36	18°39	8°41	16°53	1°52	7°24	6°43	12°48	18°38	3°56	2°41	4°37	22°45	M20
T 21	16 8 49	2°50'46	20°30	20°38	9°53	17°24	1°51	7°20	6°44	12°50	18°37	3°52	2°37	4°43	22°48	T 21
W22	16 12 46	3°48'00	5♒ 8	22°39	11° 6	17°56	1°51	7°16	6°45	12°52	18°36	3°49	2°34	4°50	22°52	W22
T 23	16 16 43	4°45'13	19°25	24°42	12°19	18°27	1°50	7°13	6°45	12°55	18°34	3°46	2°31	4°57	22°55	T 23
F 24	16 20 39	5°42'26	3♓19	26°47	13°31	18°59	1°50	7° 9	6°46	12°57	18°33	3°D46	2°28	5° 4	22°58	F 24
S 25	16 24 36	6°39'39	16°51	28°54	14°44	19°31	1°49	7° 5	6°47	12°59	18°32	3°46	2°25	5°10	23° 1	S 25
S 26	16 28 32	7°36'52	0♈ 0	1♊ 2	15°57	20° 3	1°D49	7° 2	6°48	13° 1	18°32	3°47	2°22	5°17	23° 4	S 26
M27	16 32 29	8°34'04	12°51	3°11	17° 9	20°35	1°50	6°58	6°48	13° 4	18°31	3°49	2°18	5°24	23° 7	M27
T 28	16 36 25	9°31'16	25°26	5°21	18°22	21° 7	1°50	6°55	6°49	13° 6	18°30	3°50	2°15	5°30	23°10	T 28
W29	16 40 22	10°28'28	7♉48	7°32	19°35	21°40	1°50	6°52	6°49	13° 8	18°29	3°R50	2°12	5°37	23°13	W29
T 30	16 44 18	11°25'40	20° 0	9°43	20°48	22°12	1°51	6°48	6°50	13°10	18°28	3°49	2° 9	5°44	23°15	T 30
F 31	16 48 15	12♊22'52	2♊ 4	11♊55	22♉ 1	22♌45	1♎52	6♏45	6♓50	13♊13	18♎27	3♏46	2♏ 6	5♋50	23♈18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n 4	11n30	0n32	4n26	3s12	4n40	1s42	20n14	1n46	0n21	1n35	12s 7	2n31	9s58	0s45	21n 7	1s18	8n17	17n 4	13s 0	12s50	19n10	9n31	1n 6
T 2	16 21	14 37	0s37	4 55	3 10	5 8	1 42	20 5	1 45	0 23	1 34	12 6	2 31	9 57	0 45	21 7	1 18	8 17	17 3	13 0	12 49	19 10	9 32	1 6
F 3	16 38	17 2	1 43	5 25	3 7	5 36	1 41	19 57	1 44	0 24	1 34	12 4	2 31	9 57	0 45	21 7	1 18	8 17	17 3	13 0	12 47	19 9	9 34	1 6
S 4	16 54	18 39	2 44	5 57	3 4	6 5	1 41	19 48	1 42	0 25	1 34	12 3	2 31	9 56	0 45	21 8	1 18	8 18	17 3	13 0	12 46	19 9	9 35	1 6
S 5	17 11	19 24	3 36	6 30	2 59	6 32	1 40	19 39	1 41	0 27	1 34	12 2	2 31	9 55	0 45	21 8	1 18	8 18	17 3	12 59	12 45	19 8	9 36	1 6
M 6	17 27	19 17	4 19	7 4	2 55	7 0	1 39	19 30	1 40	0 28	1 33	12 0	2 31	9 55	0 45	21 8	1 18	8 18	17 2	12 58	12 44	19 7	9 38	1 5
T 7	17 43	18 19	4 51	7 40	2 49	7 28	1 39	19 21	1 39	0 29	1 33	11 59	2 31	9 54	0 45	21 9	1 18	8 18	17 2	12 58	12 43	19 7	9 39	1 5
W 8	17 58	16 33	5 10	8 17	2 43	7 55	1 38	19 12	1 37	0 30	1 33	11 58	2 31	9 54	0 45	21 9	1 17	8 18	17 2	12 57	12 42	19 6	9 40	1 5
T 9	18 14	14 4	5 16	8 55	2 37	8 23	1 37	19 2	1 36	0 31	1 33	11 56	2 31	9 53	0 46	21 9	1 17	8 19	17 1	12 56	12 41	19 6	9 41	1 5
F 10	18 29	10 59	5 8	9 33	2 30	8 50	1 36	18 53	1 35	0 32	1 32	11 55	2 31	9 53	0 46	21 9	1 17	8 19	17 1	12 56	12 40	19 5	9 43	1 5
S 11	18 43	7 22	4 46	10 13	2 22	9 17	1 35	18 43	1 34	0 33	1 32	11 54	2 30	9 52	0 46	21 10	1 17	8 19	17 1	12 56	12 39	19 4	9 44	1 5
S 12	18 58	3 20	4 10	10 54	2 14	9 44	1 34	18 34	1 33	0 34	1 32	11 53	2 30	9 52	0 46	21 10	1 17	8 19	17 0	12 56	12 38	19 4	9 45	1 5
M13	19 12	0s57	3 20	11 35	2 6	10 11	1 33	18 24	1 31	0 34	1 32	11 51	2 30	9 51	0 46	21 10	1 17	8 19	17 0	12 57	12 37	19 3	9 46	1 5
T 14	19 25	5 21	2 18	12 17	1 57	10 37	1 32	18 14	1 30	0 35	1 31	11 50	2 30	9 51	0 46	21 11	1 17	8 19	16 59	12 57	12 35	19 2	9 48	1 5
W15	19 39	9 36	1 7	12 59	1 48	11 3	1 30	18 4	1 29	0 36	1 31	11 49	2 30	9 51	0 46	21 11	1 17	8 19	16 59	12 58	12 34	19 2	9 49	1 5
T 16	19 52	13 28	0n11	13 42	1 38	11 29	1 29	17 54	1 28	0 36	1 31	11 48	2 30	9 50	0 46	21 11	1 17	8 20	16 59	12 58	12 33	19 1	9 50	1 5
F 17	20 5	16 36	1 30	14 25	1 28	11 55	1 28	17 44	1 27	0 36	1 30	11 47	2 30	9 50	0 46	21 12	1 17	8 20	16 58	12 58	12 32	19 1	9 51	1 5
S 18	20 17	18 41	2 44	15 9	1 18	12 20	1 26	17 33	1 26	0 37	1 30	11 46	2 30	9 50	0 46	21 12	1 17	8 20	16 58	12 57	12 31	19 0	9 52	1 5
S 19	20 29	19 28	3 48	15 52	1 7	12 46	1 25	17 23	1 25	0 37	1 30	11 44	2 29	9 49	0 46	21 12	1 17	8 20	16 57	12 56	12 30	18 59	9 54	1 5
M20	20 41	18 53	4 36	16 35	0 56	13 11	1 23	17 12	1 23	0 37	1 30	11 43	2 29	9 49	0 46	21 12	1 17	8 20	16 57	12 55	12 29	18 59	9 55	1 5
T 21	20 52	17 0	5 5	17 18	0 45	13 35	1 22	17 2	1 22	0 37	1 29	11 42	2 29	9 49	0 46	21 13	1 17	8 20	16 57	12 53	12 28	18 58	9 56	1 5
W22	21 3	14 3	5 13	18 0	0 34	14 0	1 20	16 51	1 21	0 37	1 29	11 41	2 29	9 48	0 46	21 13	1 17	8 20	16 56	12 52	12 27	18 57	9 57	1 5
T 23	21 14	10 19	5 2	18 42	0 23	14 24	1 18	16 40	1 20	0 37	1 29	11 40	2 29	9 48	0 46	21 13	1 17	8 20	16 56	12 52	12 26	18 57	9 58	1 5
F 24	21 24	6 7	4 33	19 22	0 12	14 47	1 16	16 29	1 19	0 37	1 29	11 39	2 29	9 48	0 46	21 14	1 17	8 20	16 55	12 51	12 25	18 56	9 59	1 5
S 25	21 34	1 43	3 49	20 2	0 1	15 11	1 15	16 18	1 18	0 37	1 28	11 38	2 28	9 48	0 46	21 14	1 17	8 20	16 55	12 51	12 23	18 55	10 0	1 5
S 26	21 44	2n40	2 54	20 39	0n10	15 34	1 13	16 7	1 17	0 37	1 28	11 37	2 28	9 47	0 46	21 14	1 17	8 19	16 54	12 52	12 22	18 55	10 1	1 5
M27	21 53	6 50	1 52	21 16	0 20	15 56	1 11	15 55	1 16	0 37	1 28	11 36	2 28	9 47	0 46	21 14	1 17	8 19	16 54	12 52	12 21	18 54	10 3	1 5
T 28	22 2	10 37	0 46	21 50	0 30	16 18	1 9	15 44	1 15	0 36	1 27	11 35	2 28	9 47	0 46	21 15	1 17	8 19	16 53	12 53	12 20	18 53	10 4	1 5
W29	22 10	13 52	0s22	22 22	0 40	16 40	1 7	15 32	1 14	0 36	1 27	11 34	2 28	9 47	0 46	21 15	1 17	8 19	16 53	12 53	12 19	18 53	10 5	1 5
T 30	22 18	16 28	1 27	22 53	0 50	17 2	1 5	15 21	1 13	0 35	1 27	11 33	2 28	9 47	0 46	21 15	1 17	8 19	16 52	12 52	12 18	18 52	10 6	1 5
F 31	22n26	18n18	2s27	23n20	0n59	17n23	1s 3	15n 9	1n12	0n35	1n27	11s32	2n27	9s47	0s46	21n16	1s17	8n19	16n52	12s51	12s17	18n51	10n 7	1n 5

Julian Day Number = 1994385.5, Delta T = 53m39s
Ecliptic obliquity = 23°35'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'16, Lahiri = 6°25'16 Julian Calendar 1 May 748 == Greg. Calendar 5 May 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

JUNE 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 52 12	13♊20'03	14♊ 3	14♊ 6	23♉13	23♌18	1♎53	6°R42	6♓50	13♊15	18°R26	3°R41	2♏ 2	5♋57	23♈21	S 1
S 2	16 56 8	14°17'14	25°57	16°17	24°26	23°51	1°54	6♏39	6°51	13°17	18♎26	3♏34	1°59	6° 4	23°24	S 2
M 3	17 0 5	15°14'25	7♋48	18°27	25°39	24°24	1°56	6°36	6°51	13°19	18°25	3°27	1°56	6°11	23°26	M 3
T 4	17 4 1	16°11'35	19°39	20°36	26°52	24°57	1°57	6°33	6°51	13°21	18°24	3°19	1°53	6°17	23°29	T 4
W 5	17 7 58	17° 8'45	1♌32	22°44	28° 5	25°30	1°59	6°30	6°51	13°24	18°24	3°12	1°50	6°24	23°32	W 5
T 6	17 11 54	18° 5'55	13°29	24°51	29°18	26° 4	2° 1	6°27	6°51	13°26	18°23	3° 5	1°47	6°31	23°34	T 6
F 7	17 15 51	19° 3'04	25°33	26°57	0♊31	26°37	2° 3	6°25	6°52	13°28	18°22	3° 1	1°43	6°37	23°37	F 7
S 8	17 19 47	20° 0'13	7♍49	29° 1	1°44	27°11	2° 5	6°22	6°R52	13°30	18°22	2°58	1°40	6°44	23°39	S 8
S 9	17 23 44	20°57'22	20°21	1♋ 3	2°57	27°45	2° 8	6°20	6°51	13°33	18°21	2°D57	1°37	6°51	23°42	S 9
M10	17 27 41	21°54'30	3♎12	3° 3	4°10	28°19	2°10	6°17	6°51	13°35	18°21	2°58	1°34	6°58	23°44	M10
T 11	17 31 37	22°51'38	16°27	5° 2	5°23	28°53	2°13	6°15	6°51	13°37	18°20	2°59	1°31	7° 4	23°47	T 11
W12	17 35 34	23°48'46	0♏ 9	6°59	6°36	29°27	2°16	6°13	6°51	13°39	18°20	3°R 0	1°28	7°11	23°49	W12
T 13	17 39 30	24°45'54	14°19	8°54	7°49	0♍ 1	2°19	6°10	6°51	13°41	18°19	2°59	1°24	7°18	23°51	T 13
F 14	17 43 27	25°43'01	28°56	10°46	9° 2	0°36	2°23	6° 8	6°51	13°44	18°19	2°57	1°21	7°24	23°54	F 14
S 15	17 47 23	26°40'09	13♐55	12°37	10°15	1°10	2°26	6° 6	6°50	13°46	18°19	2°52	1°18	7°31	23°56	S 15
S 16	17 51 20	27°37'17	29° 9	14°26	11°28	1°45	2°30	6° 4	6°50	13°48	18°18	2°46	1°15	7°38	23°58	S 16
M17	17 55 16	28°34'25	14♑26	16°13	12°42	2°19	2°33	6° 2	6°50	13°50	18°18	2°38	1°12	7°45	24° 0	M17
T 18	17 59 13	29°31'34	29°37	17°58	13°55	2°54	2°37	6° 1	6°49	13°52	18°18	2°30	1° 8	7°51	24° 2	T 18
W19	18 3 10	0♋28'42	14♒31	19°41	15° 8	3°29	2°42	5°59	6°49	13°55	18°18	2°22	1° 5	7°58	24° 4	W19
T 20	18 7 6	1°25'52	29° 1	21°22	16°21	4° 4	2°46	5°57	6°48	13°57	18°17	2°16	1° 2	8° 5	24° 6	T 20
F 21	18 11 3	2°23'01	13♓ 3	23° 2	17°35	4°39	2°50	5°56	6°47	13°59	18°17	2°13	0°59	8°11	24° 8	F 21
S 22	18 14 59	3°20'12	26°37	24°39	18°48	5°14	2°55	5°54	6°47	14° 1	18°17	2°11	0°56	8°18	24°10	S 22
S 23	18 18 56	4°17'23	9♈44	26°14	20° 1	5°49	3° 0	5°53	6°46	14° 3	18°17	2°D11	0°53	8°25	24°12	S 23
M24	18 22 52	5°14'35	22°29	27°47	21°15	6°25	3° 4	5°52	6°45	14° 5	18°17	2°11	0°49	8°32	24°13	M24
T 25	18 26 49	6°11'48	4♉56	29°18	22°28	7° 0	3°10	5°51	6°45	14° 7	18°D17	2°R12	0°46	8°38	24°15	T 25
W26	18 30 45	7° 9'01	17° 8	0♌47	23°41	7°36	3°15	5°50	6°44	14°10	18°17	2°11	0°43	8°45	24°17	W26
T 27	18 34 42	8° 6'15	29°11	2°15	24°55	8°11	3°20	5°49	6°43	14°12	18°17	2° 7	0°40	8°52	24°18	T 27
F 28	18 38 39	9° 3'30	11♊ 7	3°40	26° 8	8°47	3°26	5°48	6°42	14°14	18°17	2° 2	0°37	8°58	24°20	F 28
S 29	18 42 35	10° 0'46	22°59	5° 3	27°22	9°23	3°31	5°47	6°41	14°16	18°17	1°53	0°34	9° 5	24°22	S 29
S 30	18 46 32	10♋58'03	4♋50	6♌24	28♊35	9♍59	3♎37	5♏46	6♓40	14♊18	18♎17	1♏42	0♏30	9♋12	24♈23	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n33	19n19	3s21	23n45	1n 7	17n43	1s 1	14n57	1n11	0n34	1n26	11s32	2n27	9s47	0s46	21n16	1s17	8n19	16n51	12s50	12s16	18n51	10n 8	1n 5
S 2	22 40	19 27	4 5	24 8	1 15	18 3	0 59	14 45	1 10	0 33	1 26	11 31	2 27	9 47	0 46	21 16	1 17	8 18	16 51	12 47	12 15	18 50	10 9	1 5
M 3	22 47	18 44	4 38	24 27	1 22	18 23	0 57	14 33	1 9	0 32	1 26	11 30	2 27	9 46	0 46	21 16	1 17	8 18	16 50	12 45	12 14	18 49	10 10	1 5
T 4	22 53	17 12	5 0	24 44	1 29	18 42	0 54	14 21	1 8	0 31	1 25	11 29	2 27	9 46	0 47	21 17	1 17	8 18	16 50	12 42	12 12	18 49	10 11	1 5
W 5	22 58	14 56	5 8	24 58	1 34	19 1	0 52	14 9	1 6	0 30	1 25	11 28	2 26	9 46	0 47	21 17	1 17	8 18	16 49	12 40	12 11	18 48	10 12	1 5
T 6	23 4	12 2	5 3	25 9	1 39	19 19	0 50	13 56	1 5	0 29	1 25	11 28	2 26	9 46	0 47	21 17	1 17	8 18	16 49	12 37	12 10	18 47	10 13	1 5
F 7	23 9	8 37	4 45	25 18	1 44	19 37	0 48	13 44	1 4	0 28	1 25	11 27	2 26	9 46	0 47	21 18	1 17	8 17	16 48	12 36	12 9	18 47	10 14	1 4
S 8	23 13	4 46	4 13	25 23	1 47	19 54	0 45	13 31	1 3	0 27	1 24	11 26	2 26	9 46	0 47	21 18	1 17	8 17	16 48	12 35	12 8	18 46	10 14	1 4
S 9	23 17	0 39	3 29	25 26	1 50	20 11	0 43	13 19	1 2	0 26	1 24	11 26	2 25	9 46	0 47	21 18	1 17	8 17	16 47	12 35	12 7	18 45	10 15	1 4
M10	23 21	3s38	2 34	25 26	1 53	20 27	0 41	13 6	1 2	0 25	1 24	11 25	2 25	9 47	0 47	21 18	1 17	8 16	16 47	12 35	12 6	18 44	10 16	1 4
T 11	23 24	7 52	1 28	25 24	1 54	20 43	0 38	12 53	1 1	0 23	1 23	11 25	2 25	9 47	0 47	21 19	1 17	8 16	16 46	12 35	12 5	18 44	10 17	1 4
W12	23 27	11 50	0 15	25 20	1 55	20 58	0 36	12 40	1 0	0 22	1 23	11 24	2 25	9 47	0 47	21 19	1 17	8 16	16 46	12 35	12 4	18 43	10 18	1 4
T 13	23 30	15 17	1n 1	25 13	1 55	21 12	0 34	12 27	0 59	0 20	1 23	11 24	2 25	9 47	0 47	21 19	1 17	8 15	16 45	12 35	12 2	18 42	10 19	1 4
F 14	23 32	17 52	2 15	25 4	1 55	21 26	0 31	12 14	0 58	0 19	1 23	11 23	2 24	9 47	0 47	21 20	1 17	8 15	16 44	12 34	12 1	18 42	10 20	1 4
S 15	23 33	19 17	3 21	24 53	1 53	21 40	0 29	12 1	0 57	0 17	1 22	11 23	2 24	9 47	0 47	21 20	1 17	8 15	16 44	12 33	12 0	18 41	10 20	1 4
S 16	23 35	19 21	4 15	24 40	1 52	21 52	0 26	11 47	0 56	0 15	1 22	11 22	2 24	9 47	0 47	21 20	1 17	8 14	16 43	12 31	11 59	18 40	10 21	1 4
M17	23 35	18 0	4 50	24 25	1 49	22 5	0 24	11 34	0 55	0 14	1 22	11 22	2 24	9 47	0 47	21 20	1 17	8 14	16 43	12 28	11 58	18 39	10 22	1 4
T 18	23 36	15 24	5 5	24 8	1 46	22 16	0 21	11 21	0 54	0 12	1 22	11 21	2 23	9 48	0 47	21 21	1 17	8 13	16 42	12 25	11 57	18 39	10 23	1 4
W19	23 36	11 50	4 58	23 50	1 43	22 27	0 19	11 7	0 53	0 10	1 21	11 21	2 23	9 48	0 47	21 21	1 17	8 13	16 42	12 23	11 56	18 38	10 23	1 4
T 20	23 35	7 38	4 33	23 30	1 38	22 37	0 16	10 53	0 52	0 8	1 21	11 21	2 23	9 48	0 47	21 21	1 17	8 12	16 41	12 21	11 55	18 37	10 24	1 4
F 21	23 35	3 9	3 52	23 9	1 34	22 47	0 14	10 40	0 51	0 6	1 21	11 21	2 23	9 48	0 47	21 21	1 17	8 12	16 40	12 19	11 54	18 36	10 25	1 4
S 22	23 33	1n22	2 58	22 47	1 28	22 56	0 11	10 26	0 50	0 4	1 20	11 20	2 22	9 49	0 47	21 22	1 17	8 11	16 40	12 19	11 52	18 36	10 26	1 4
S 23	23 32	5 40	1 57	22 24	1 23	23 4	0 9	10 12	0 49	0 2	1 20	11 20	2 22	9 49	0 47	21 22	1 17	8 11	16 39	12 19	11 51	18 35	10 26	1 4
M24	23 30	9 36	0 52	22 0	1 17	23 12	0 6	9 58	0 48	0s 1	1 20	11 20	2 22	9 49	0 47	21 22	1 17	8 10	16 39	12 19	11 50	18 34	10 27	1 4
T 25	23 27	13 1	0s15	21 34	1 10	23 19	0 4	9 44	0 47	0 3	1 20	11 20	2 22	9 50	0 47	21 22	1 17	8 10	16 38	12 19	11 49	18 33	10 27	1 4
W26	23 24	15 48	1 19	21 8	1 3	23 25	0 1	9 30	0 46	0 5	1 19	11 20	2 21	9 50	0 47	21 23	1 17	8 9	16 38	12 19	11 48	18 33	10 28	1 4
T 27	23 21	17 51	2 19	20 41	0 55	23 31	0n 1	9 15	0 45	0 8	1 19	11 20	2 21	9 50	0 47	21 23	1 17	8 9	16 37	12 17	11 47	18 32	10 29	1 4
F 28	23 17	19 6	3 11	20 14	0 48	23 36	0 3	9 1	0 45	0 10	1 19	11 20	2 21	9 51	0 47	21 23	1 17	8 8	16 36	12 15	11 46	18 31	10 29	1 4
S 29	23 13	19 29	3 56	19 46	0 39	23 40	0 6	8 47	0 44	0 12	1 19	11 20	2 21	9 51	0 47	21 23	1 17	8 8	16 36	12 12	11 45	18 30	10 30	1 4
S 30	23n 9	19n 1	4s29	19n17	0n31	23n44	0n 8	8n32	0n43	0s15	1n18	11s20	2n20	9s52	0s47	21n23	1s17	8n 7	16n35	12s 9	11s43	18n30	10n30	1n 4

Julian Day Number = 1994416.5, Delta T = 53m38s
Ecliptic obliquity = 23°35'55, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'20, Lahiri = 6°25'20 Julian Calendar 1 June 748 == Greg. Calendar 5 June 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

JULY 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 50 28	11♋55'20	16♋42	7♌43	29♊49	10♍35	3♎43	5°R46	6°R39	14♊20	18♎18	1°R30	0♏27	9♋19	24♈24	M 1
T 2	18 54 25	12°52'38	28°35	8°59	1♋ 2	11°11	3°49	5♏45	6♓38	14°22	18°18	1♏17	0°24	9°25	24°26	T 2
W 3	18 58 21	13°49'56	10♌31	10°13	2°16	11°48	3°55	5°45	6°37	14°24	18°18	1° 5	0°21	9°32	24°27	W 3
T 4	19 2 18	14°47'15	22°33	11°25	3°30	12°24	4° 2	5°45	6°35	14°26	18°18	0°54	0°18	9°39	24°28	T 4
F 5	19 6 14	15°44'35	4♍42	12°35	4°43	13° 0	4° 8	5°44	6°34	14°28	18°19	0°45	0°14	9°45	24°30	F 5
S 6	19 10 11	16°41'55	17° 1	13°42	5°57	13°37	4°15	5°D44	6°33	14°30	18°19	0°39	0°11	9°52	24°31	S 6
S 7	19 14 8	17°39'16	29°33	14°47	7°11	14°14	4°22	5°44	6°32	14°32	18°19	0°36	0° 8	9°59	24°32	S 7
M 8	19 18 4	18°36'37	12♎22	15°49	8°24	14°50	4°29	5°44	6°30	14°34	18°20	0°35	0° 5	10° 6	24°33	M 8
T 9	19 22 1	19°33'59	25°31	16°48	9°38	15°27	4°36	5°45	6°29	14°36	18°20	0°35	0° 2	10°12	24°34	T 9
W10	19 25 57	20°31'22	9♏ 5	17°44	10°52	16° 4	4°43	5°45	6°28	14°37	18°21	0°35	29♎59	10°19	24°35	W10
T 11	19 29 54	21°28'46	23° 6	18°37	12° 6	16°41	4°50	5°45	6°26	14°39	18°21	0°33	29°55	10°26	24°36	T 11
F 12	19 33 50	22°26'10	7♐33	19°28	13°19	17°18	4°58	5°46	6°25	14°41	18°22	0°30	29°52	10°32	24°36	F 12
S 13	19 37 47	23°23'35	22°25	20°14	14°33	17°55	5° 5	5°46	6°23	14°43	18°23	0°24	29°49	10°39	24°37	S 13
S 14	19 41 43	24°21'02	7♑34	20°58	15°47	18°33	5°13	5°47	6°21	14°45	18°23	0°15	29°46	10°46	24°38	S 14
M15	19 45 40	25°18'29	22°52	21°37	17° 1	19°10	5°21	5°48	6°20	14°47	18°24	0° 5	29°43	10°53	24°39	M15
T 16	19 49 37	26°15'57	8♒ 6	22°13	18°15	19°47	5°29	5°49	6°18	14°48	18°25	29♎54	29°39	10°59	24°39	T 16
W17	19 53 33	27°13'26	23° 7	22°45	19°29	20°25	5°37	5°50	6°17	14°50	18°25	29°44	29°36	11° 6	24°40	W17
T 18	19 57 30	28°10'57	7♓45	23°12	20°43	21° 2	5°45	5°51	6°15	14°52	18°26	29°36	29°33	11°13	24°40	T 18
F 19	20 1 26	29° 8'28	21°55	23°35	21°57	21°40	5°53	5°52	6°13	14°54	18°27	29°30	29°30	11°19	24°41	F 19
S 20	20 5 23	0♌ 6'02	5♈36	23°54	23°11	22°18	6° 2	5°53	6°11	14°55	18°28	29°27	29°27	11°26	24°41	S 20
S 21	20 9 19	1° 3'37	18°47	24° 7	24°25	22°56	6°10	5°55	6° 9	14°57	18°29	29°26	29°24	11°33	24°41	S 21
M22	20 13 16	2° 1'13	1♉33	24°16	25°39	23°34	6°19	5°56	6° 8	14°59	18°29	29°25	29°20	11°40	24°42	M22
T 23	20 17 12	2°58'52	13°59	24°R19	26°53	24°12	6°28	5°58	6° 6	15° 0	18°30	29°25	29°17	11°46	24°42	T 23
W24	20 21 9	3°56'31	26° 9	24°17	28° 7	24°50	6°36	5°59	6° 4	15° 2	18°31	29°24	29°14	11°53	24°42	W24
T 25	20 25 6	4°54'13	8♊ 8	24° 9	29°21	25°28	6°45	6° 1	6° 2	15° 4	18°32	29°20	29°11	12° 0	24°42	T 25
F 26	20 29 2	5°51'56	20° 1	23°56	0♌36	26° 6	6°54	6° 3	6° 0	15° 5	18°33	29°14	29° 8	12° 6	24°R42	F 26
S 27	20 32 59	6°49'41	1♋51	23°37	1°50	26°45	7° 4	6° 5	5°58	15° 7	18°34	29° 5	29° 5	12°13	24°42	S 27
S 28	20 36 55	7°47'27	13°42	23°12	3° 4	27°23	7°13	6° 7	5°56	15° 8	18°36	28°54	29° 1	12°20	24°42	S 28
M29	20 40 52	8°45'15	25°36	22°42	4°18	28° 2	7°22	6° 9	5°54	15°10	18°37	28°41	28°58	12°27	24°42	M29
T 30	20 44 48	9°43'04	7♌34	22° 7	5°32	28°40	7°32	6°11	5°52	15°11	18°38	28°27	28°55	12°33	24°41	T 30
W31	20 48 45	10♌40'55	19♌38	21♌26	6♌47	29♍19	7♎41	6♏13	5♓50	15♊13	18♎39	28♎14	28♎52	12♋40	24♈41	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 4	17n44	4s51	18n49	0n21	23n47	0n11	8n17	0n42	0s18	1n18	11s20	2n20	9s52	0s48	21n24	1s17	8n 6	16n35	12s 4	11s42	18n29	10n31	1n 4
T 2	22 58	15 40	5 1	18 19	0 12	23 49	0 13	8 3	0 41	0 20	1 18	11 20	2 20	9 52	0 48	21 24	1 17	8 6	16 34	12 0	11 41	18 28	10 31	1 4
W 3	22 52	12 57	4 57	17 50	0 2	23 50	0 16	7 48	0 40	0 23	1 18	11 20	2 20	9 53	0 48	21 24	1 17	8 5	16 33	11 56	11 40	18 27	10 32	1 4
T 4	22 46	9 40	4 40	17 21	0s 8	23 51	0 18	7 33	0 39	0 26	1 17	11 20	2 19	9 53	0 48	21 24	1 17	8 4	16 33	11 52	11 39	18 26	10 32	1 4
F 5	22 40	5 58	4 11	16 51	0 18	23 51	0 20	7 18	0 38	0 29	1 17	11 20	2 19	9 54	0 48	21 25	1 17	8 4	16 32	11 49	11 38	18 26	10 33	1 4
S 6	22 33	1 57	3 29	16 22	0 29	23 50	0 23	7 4	0 37	0 31	1 17	11 20	2 19	9 54	0 48	21 25	1 17	8 3	16 32	11 47	11 37	18 25	10 33	1 4
S 7	22 25	2s12	2 36	15 53	0 39	23 49	0 25	6 49	0 37	0 34	1 17	11 21	2 19	9 55	0 48	21 25	1 17	8 2	16 31	11 46	11 36	18 24	10 34	1 4
M 8	22 18	6 22	1 35	15 24	0 50	23 47	0 27	6 33	0 36	0 37	1 16	11 21	2 18	9 55	0 48	21 25	1 17	8 2	16 30	11 45	11 35	18 23	10 34	1 4
T 9	22 10	10 21	0 27	14 55	1 2	23 44	0 30	6 18	0 35	0 40	1 16	11 21	2 18	9 56	0 48	21 25	1 17	8 1	16 30	11 45	11 33	18 23	10 34	1 4
W10	22 1	13 55	0n45	14 27	1 13	23 41	0 32	6 3	0 34	0 43	1 16	11 22	2 18	9 56	0 48	21 26	1 17	8 0	16 29	11 45	11 32	18 22	10 35	1 4
T 11	21 52	16 48	1 56	14 0	1 25	23 36	0 34	5 48	0 33	0 47	1 16	11 22	2 18	9 57	0 48	21 26	1 17	8 0	16 29	11 45	11 31	18 21	10 35	1 4
F 12	21 43	18 43	3 2	13 33	1 37	23 32	0 36	5 33	0 32	0 50	1 16	11 22	2 17	9 58	0 48	21 26	1 17	7 59	16 28	11 43	11 30	18 20	10 35	1 4
S 13	21 33	19 26	3 58	13 7	1 49	23 26	0 38	5 17	0 31	0 53	1 15	11 23	2 17	9 58	0 48	21 26	1 17	7 58	16 28	11 41	11 29	18 19	10 35	1 4
S 14	21 23	18 46	4 38	12 42	2 1	23 20	0 40	5 2	0 31	0 56	1 15	11 23	2 17	9 59	0 48	21 26	1 17	7 57	16 27	11 38	11 28	18 18	10 36	1 4
M15	21 13	16 45	4 58	12 18	2 13	23 13	0 42	4 46	0 30	1 0	1 15	11 24	2 16	9 59	0 48	21 27	1 17	7 56	16 26	11 35	11 27	18 18	10 36	1 4
T 16	21 2	13 34	4 57	11 55	2 25	23 5	0 45	4 31	0 29	1 3	1 15	11 24	2 16	10 0	0 48	21 27	1 17	7 56	16 26	11 31	11 26	18 17	10 36	1 4
W17	20 51	9 33	4 36	11 33	2 37	22 56	0 47	4 15	0 28	1 6	1 14	11 25	2 16	10 1	0 48	21 27	1 17	7 55	16 25	11 27	11 24	18 16	10 36	1 4
T 18	20 40	5 3	3 57	11 13	2 49	22 47	0 48	3 59	0 27	1 10	1 14	11 26	2 16	10 1	0 48	21 27	1 17	7 54	16 25	11 24	11 23	18 15	10 36	1 4
F 19	20 28	0 24	3 4	10 54	3 1	22 38	0 50	3 44	0 26	1 13	1 14	11 26	2 15	10 2	0 48	21 27	1 17	7 53	16 24	11 22	11 22	18 14	10 37	1 4
S 20	20 16	4n 6	2 2	10 37	3 12	22 27	0 52	3 28	0 26	1 17	1 14	11 27	2 15	10 3	0 48	21 27	1 17	7 52	16 24	11 21	11 21	18 14	10 37	1 4
S 21	20 3	8 16	0 56	10 22	3 23	22 16	0 54	3 12	0 25	1 20	1 14	11 28	2 15	10 3	0 48	21 28	1 17	7 52	16 23	11 21	11 20	18 13	10 37	1 4
M22	19 50	11 55	0s11	10 9	3 34	22 4	0 56	2 56	0 24	1 24	1 13	11 28	2 15	10 4	0 48	21 28	1 18	7 51	16 22	11 21	11 19	18 12	10 37	1 4
T 23	19 37	14 56	1 16	9 58	3 45	21 52	0 58	2 40	0 23	1 28	1 13	11 29	2 14	10 5	0 48	21 28	1 18	7 50	16 22	11 20	11 18	18 11	10 37	1 4
W24	19 24	17 13	2 16	9 50	3 54	21 39	0 59	2 24	0 22	1 32	1 13	11 30	2 14	10 6	0 48	21 28	1 18	7 49	16 21	11 20	11 16	18 10	10 37	1 4
T 25	19 10	18 42	3 9	9 44	4 4	21 25	1 1	2 8	0 21	1 35	1 13	11 31	2 14	10 6	0 48	21 28	1 18	7 48	16 21	11 19	11 15	18 9	10 37	1 4
F 26	18 56	19 20	3 54	9 40	4 12	21 11	1 3	1 52	0 21	1 39	1 12	11 31	2 14	10 7	0 48	21 28	1 18	7 47	16 20	11 16	11 14	18 9	10 37	1 4
S 27	18 41	19 8	4 27	9 39	4 19	20 56	1 4	1 36	0 20	1 43	1 12	11 32	2 13	10 8	0 48	21 29	1 18	7 46	16 20	11 13	11 13	18 8	10 37	1 4
S 28	18 27	18 5	4 50	9 42	4 26	20 40	1 6	1 20	0 19	1 47	1 12	11 33	2 13	10 9	0 48	21 29	1 18	7 45	16 19	11 9	11 12	18 7	10 37	1 4
M29	18 11	16 15	5 0	9 47	4 30	20 24	1 7	1 4	0 18	1 51	1 12	11 34	2 13	10 9	0 48	21 29	1 18	7 44	16 18	11 5	11 11	18 6	10 37	1 4
T 30	17 56	13 43	4 56	9 55	4 34	20 7	1 9	0 48	0 17	1 55	1 12	11 35	2 13	10 10	0 48	21 29	1 18	7 44	16 18	11 0	11 10	18 5	10 37	1 4
W31	17n40	10n36	4s40	10n 5	4s36	19n50	1n10	0n32	0n17	1s59	1n11	11s36	2n12	10s11	0s48	21n29	1s18	7n43	16n17	10s55	11s 9	18n 4	10n37	1n 4

Julian Day Number = 1994446.5, Delta T = 53m37s
Ecliptic obliquity = 23°35'55, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'24, Lahiri = 6°25'24 Julian Calendar 1 July 748 == Greg. Calendar 5 July 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

AUGUST 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 52 41	11♌38'47	1♍49	20°R41	8♌ 1	29♍58	7♎51	6♏16	5°R48	15♊14	18♎40	28°R 2	28♎49	12♋47	24°R41	T 1
F 2	20 56 38	12°36'41	14° 9	19♌53	9°15	0♎37	8° 1	6°18	5♓45	15°15	18°41	27♎53	28°45	12°53	24♈41	F 2
S 3	21 0 35	13°34'36	26°37	19° 1	10°30	1°16	8°11	6°21	5°43	15°17	18°43	27°46	28°42	13° 0	24°40	S 3
S 4	21 4 31	14°32'33	9♎17	18° 7	11°44	1°55	8°21	6°23	5°41	15°18	18°44	27°43	28°39	13° 7	24°40	S 4
M 5	21 8 28	15°30'31	22°11	17°12	12°59	2°34	8°31	6°26	5°39	15°19	18°45	27°D41	28°36	13°14	24°39	M 5
T 6	21 12 24	16°28'31	5♏22	16°16	14°13	3°13	8°41	6°29	5°37	15°21	18°47	27°41	28°33	13°20	24°38	T 6
W 7	21 16 21	17°26'31	18°52	15°22	15°27	3°52	8°51	6°32	5°34	15°22	18°48	27°R42	28°30	13°27	24°38	W 7
T 8	21 20 17	18°24'34	2♐44	14°30	16°42	4°32	9° 2	6°35	5°32	15°23	18°50	27°41	28°26	13°34	24°37	T 8
F 9	21 24 14	19°22'38	16°58	13°41	17°56	5°11	9°12	6°38	5°30	15°24	18°51	27°38	28°23	13°41	24°36	F 9
S 10	21 28 10	20°20'43	1♑34	12°57	19°11	5°50	9°23	6°41	5°28	15°26	18°53	27°33	28°20	13°47	24°35	S 10
S 11	21 32 7	21°18'50	16°26	12°19	20°25	6°30	9°33	6°44	5°25	15°27	18°54	27°26	28°17	13°54	24°35	S 11
M12	21 36 4	22°16'58	1♒28	11°47	21°40	7°10	9°44	6°47	5°23	15°28	18°56	27°17	28°14	14° 1	24°34	M12
T 13	21 40 0	23°15'08	16°30	11°22	22°54	7°49	9°55	6°51	5°21	15°29	18°57	27° 7	28°11	14° 7	24°33	T 13
W14	21 43 57	24°13'19	1♓23	11° 5	24° 9	8°29	10° 5	6°54	5°18	15°30	18°59	26°58	28° 7	14°14	24°32	W14
T 15	21 47 53	25°11'33	15°58	10°D57	25°23	9° 9	10°16	6°58	5°16	15°31	19° 0	26°51	28° 4	14°21	24°30	T 15
F 16	21 51 50	26° 9'48	0♈ 9	10°58	26°38	9°49	10°27	7° 2	5°14	15°32	19° 2	26°45	28° 1	14°28	24°29	F 16
S 17	21 55 46	27° 8'06	13°52	11° 7	27°53	10°29	10°38	7° 5	5°11	15°33	19° 4	26°43	27°58	14°34	24°28	S 17
S 18	21 59 43	28° 6'25	27° 7	11°25	29° 7	11° 9	10°50	7° 9	5° 9	15°34	19° 5	26°D42	27°55	14°41	24°27	S 18
M19	22 3 39	29° 4'47	9♉58	11°53	0♍22	11°49	11° 1	7°13	5° 6	15°35	19° 7	26°42	27°51	14°48	24°26	M19
T 20	22 7 36	0♍ 3'11	22°26	12°28	1°37	12°30	11°12	7°17	5° 4	15°36	19° 9	26°43	27°48	14°54	24°24	T 20
W21	22 11 33	1° 1'37	4♊38	13°13	2°51	13°10	11°23	7°21	5° 2	15°37	19°11	26°R43	27°45	15° 1	24°23	W21
T 22	22 15 29	2° 0'06	16°38	14° 5	4° 6	13°50	11°35	7°25	4°59	15°37	19°12	26°42	27°42	15° 8	24°21	T 22
F 23	22 19 26	2°58'36	28°31	15° 5	5°21	14°31	11°46	7°29	4°57	15°38	19°14	26°39	27°39	15°15	24°20	F 23
S 24	22 23 22	3°57'09	10♋22	16°12	6°35	15°12	11°58	7°34	4°54	15°39	19°16	26°33	27°36	15°21	24°18	S 24
S 25	22 27 19	4°55'44	22°15	17°26	7°50	15°52	12°10	7°38	4°52	15°40	19°18	26°26	27°32	15°28	24°17	S 25
M26	22 31 15	5°54'21	4♌13	18°46	9° 5	16°33	12°21	7°43	4°50	15°40	19°20	26°17	27°29	15°35	24°15	M26
T 27	22 35 12	6°53'01	16°18	20°10	10°20	17°14	12°33	7°47	4°47	15°41	19°22	26° 7	27°26	15°41	24°13	T 27
W28	22 39 8	7°51'42	28°32	21°40	11°34	17°55	12°45	7°52	4°45	15°42	19°24	25°58	27°23	15°48	24°11	W28
T 29	22 43 5	8°50'25	10♍56	23°13	12°49	18°36	12°57	7°56	4°42	15°42	19°26	25°50	27°20	15°55	24°10	T 29
F 30	22 47 2	9°49'11	23°31	24°50	14° 4	19°17	13° 9	8° 1	4°40	15°43	19°28	25°44	27°17	16° 2	24° 8	F 30
S 31	22 50 58	10♍47'58	6♎16	26♌30	15♍19	19♎58	13♎21	8♏ 6	4♓38	15♊43	19♎30	25♎40	27♎13	16♋ 8	24♈ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n24	7n 0	4s10	10n19	4s37	19n32	1n11	0n15	0n16	2s 3	1n11	11s37	2n12	10s12	0s48	21n29	1s18	7n42	16n17	10s51	11s 7	18n 3	10n37	1n 4
F 2	17 8	3 4	3 29	10 36	4 35	19 13	1 12	0s 1	0 15	2 7	1 11	11 38	2 12	10 13	0 48	21 29	1 18	7 41	16 16	10 47	11 6	18 2	10 36	1 4
S 3	16 52	1s 3	2 37	10 55	4 32	18 54	1 14	0 17	0 14	2 11	1 11	11 39	2 12	10 13	0 48	21 29	1 18	7 40	16 16	10 45	11 5	18 2	10 36	1 4
S 4	16 35	5 10	1 36	11 16	4 27	18 35	1 15	0 34	0 13	2 15	1 11	11 40	2 11	10 14	0 48	21 30	1 18	7 39	16 15	10 44	11 4	18 1	10 36	1 4
M 5	16 18	9 9	0 29	11 40	4 20	18 15	1 16	0 50	0 13	2 19	1 11	11 42	2 11	10 15	0 48	21 30	1 18	7 38	16 15	10 43	11 3	18 0	10 36	1 4
T 6	16 0	12 46	0n41	12 5	4 11	17 54	1 17	1 6	0 12	2 23	1 10	11 43	2 11	10 16	0 48	21 30	1 18	7 37	16 14	10 43	11 2	17 59	10 36	1 4
W 7	15 43	15 47	1 50	12 31	4 0	17 33	1 18	1 23	0 11	2 27	1 10	11 44	2 11	10 17	0 48	21 30	1 18	7 36	16 14	10 43	11 1	17 58	10 35	1 4
T 8	15 25	17 59	2 55	12 58	3 47	17 11	1 19	1 39	0 10	2 32	1 10	11 45	2 10	10 18	0 48	21 30	1 18	7 35	16 13	10 43	10 59	17 57	10 35	1 4
F 9	15 7	19 8	3 51	13 26	3 33	16 49	1 20	1 56	0 10	2 36	1 10	11 46	2 10	10 18	0 48	21 30	1 18	7 34	16 13	10 42	10 58	17 56	10 35	1 4
S 10	14 48	19 3	4 33	13 53	3 17	16 26	1 20	2 12	0 9	2 40	1 10	11 48	2 10	10 19	0 48	21 30	1 18	7 33	16 12	10 40	10 57	17 55	10 34	1 4
S 11	14 29	17 39	4 58	14 20	3 1	16 3	1 21	2 29	0 8	2 45	1 10	11 49	2 10	10 20	0 48	21 30	1 18	7 32	16 12	10 38	10 56	17 55	10 34	1 4
M12	14 11	15 3	5 2	14 46	2 43	15 40	1 22	2 45	0 7	2 49	1 9	11 50	2 9	10 21	0 48	21 30	1 18	7 31	16 11	10 34	10 55	17 54	10 34	1 4
T 13	13 51	11 27	4 46	15 10	2 25	15 16	1 22	3 1	0 6	2 53	1 9	11 52	2 9	10 22	0 49	21 30	1 18	7 30	16 11	10 31	10 54	17 53	10 33	1 4
W14	13 32	7 9	4 11	15 32	2 6	14 52	1 23	3 18	0 6	2 58	1 9	11 53	2 9	10 23	0 49	21 31	1 18	7 29	16 10	10 28	10 53	17 52	10 33	1 3
T 15	13 13	2 31	3 19	15 53	1 47	14 27	1 23	3 34	0 5	3 2	1 9	11 54	2 9	10 24	0 49	21 31	1 18	7 28	16 10	10 25	10 51	17 51	10 32	1 3
F 16	12 53	2n 9	2 17	16 11	1 28	14 2	1 24	3 51	0 4	3 7	1 9	11 56	2 8	10 25	0 49	21 31	1 18	7 27	16 9	10 23	10 50	17 50	10 32	1 3
S 17	12 33	6 33	1 8	16 26	1 10	13 36	1 24	4 7	0 3	3 11	1 9	11 57	2 8	10 25	0 49	21 31	1 18	7 26	16 9	10 22	10 49	17 49	10 32	1 3
S 18	12 13	10 29	0s 2	16 39	0 52	13 10	1 24	4 24	0 3	3 16	1 8	11 59	2 8	10 26	0 49	21 31	1 18	7 25	16 9	10 22	10 48	17 48	10 31	1 3
M19	11 52	13 47	1 10	16 48	0 34	12 44	1 24	4 40	0 2	3 20	1 8	12 0	2 8	10 27	0 49	21 31	1 18	7 24	16 8	10 22	10 47	17 47	10 31	1 3
T 20	11 32	16 21	2 13	16 54	0 17	12 17	1 25	4 57	0 1	3 25	1 8	12 2	2 7	10 28	0 49	21 31	1 18	7 23	16 8	10 22	10 46	17 46	10 30	1 3
W21	11 11	18 7	3 9	16 57	0 1	11 50	1 25	5 13	0 1	3 30	1 8	12 3	2 7	10 29	0 49	21 31	1 18	7 22	16 7	10 22	10 45	17 45	10 29	1 3
T 22	10 50	19 2	3 55	16 56	0n14	11 23	1 25	5 30	0s 0	3 34	1 8	12 5	2 7	10 30	0 49	21 31	1 18	7 21	16 7	10 22	10 43	17 45	10 29	1 3
F 23	10 29	19 5	4 30	16 52	0 28	10 55	1 25	5 46	0 1	3 39	1 8	12 6	2 7	10 31	0 49	21 31	1 18	7 20	16 6	10 21	10 42	17 44	10 28	1 3
S 24	10 7	18 18	4 54	16 44	0 41	10 28	1 24	6 3	0 2	3 44	1 8	12 8	2 7	10 32	0 49	21 31	1 19	7 18	16 6	10 19	10 41	17 43	10 28	1 3
S 25	9 46	16 43	5 5	16 33	0 53	9 59	1 24	6 19	0 2	3 48	1 7	12 9	2 6	10 33	0 49	21 31	1 19	7 17	16 6	10 16	10 40	17 42	10 27	1 3
M26	9 24	14 25	5 3	16 18	1 3	9 31	1 24	6 36	0 3	3 53	1 7	12 11	2 6	10 33	0 49	21 31	1 19	7 16	16 5	10 13	10 39	17 41	10 26	1 3
T 27	9 3	11 29	4 48	16 1	1 13	9 2	1 24	6 52	0 4	3 58	1 7	12 13	2 6	10 34	0 49	21 31	1 19	7 15	16 5	10 9	10 38	17 40	10 26	1 3
W28	8 41	8 1	4 19	15 40	1 21	8 33	1 23	7 9	0 5	4 2	1 7	12 14	2 6	10 35	0 49	21 31	1 19	7 14	16 4	10 6	10 37	17 39	10 25	1 3
T 29	8 19	4 10	3 37	15 16	1 29	8 4	1 23	7 25	0 5	4 7	1 7	12 16	2 6	10 36	0 49	21 31	1 19	7 13	16 4	10 3	10 35	17 38	10 24	1 3
F 30	7 56	0 5	2 45	14 49	1 35	7 35	1 22	7 41	0 6	4 12	1 7	12 18	2 5	10 37	0 49	21 31	1 19	7 12	16 4	10 1	10 34	17 37	10 24	1 3
S 31	7n34	4s 5	1s43	14n20	1n40	7n 5	1n22	7s58	0s 7	4s17	1n 7	12s20	2n 5	10s38	0s49	21n31	1s19	7n11	16n 3	9s59	10s33	17n36	10n23	1n 3

Julian Day Number = 1994477.5, Delta T = 53m36s
Ecliptic obliquity = 23°35'55, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'28, Lahiri = 6°25'29 Julian Calendar 1 Aug. 748 == Greg. Calendar 5 Aug. 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

SEPTEMBER 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 54 55	11♍46'47	19♎14	28♌13	16♍34	20♎39	13♎33	8♏11	4°R35	15♊44	19♎32	25°R38	27♎10	16♋15	24°R 4	S 1
M 2	22 58 51	12°45'39	2♏23	29°57	17°48	21°20	13°45	8°15	4♓33	15°44	19°34	25°D38	27° 7	16°22	24♈ 2	M 2
T 3	23 2 48	13°44'32	15°45	1♍43	19° 3	22° 2	13°57	8°20	4°30	15°45	19°36	25♎39	27° 4	16°29	24° 0	T 3
W 4	23 6 44	14°43'27	29°22	3°30	20°18	22°43	14° 9	8°26	4°28	15°45	19°38	25°41	27° 1	16°35	23°58	W 4
T 5	23 10 41	15°42'23	13♐12	5°18	21°33	23°24	14°21	8°31	4°26	15°45	19°40	25°R41	26°57	16°42	23°56	T 5
F 6	23 14 37	16°41'22	27°18	7° 6	22°48	24° 6	14°34	8°36	4°23	15°46	19°42	25°41	26°54	16°49	23°53	F 6
S 7	23 18 34	17°40'22	11♑38	8°55	24° 3	24°48	14°46	8°41	4°21	15°46	19°44	25°39	26°51	16°55	23°51	S 7
S 8	23 22 30	18°39'24	26° 8	10°44	25°18	25°29	14°58	8°46	4°19	15°46	19°46	25°35	26°48	17° 2	23°49	S 8
M 9	23 26 27	19°38'28	10♒45	12°32	26°33	26°11	15°11	8°52	4°16	15°46	19°48	25°30	26°45	17° 9	23°47	M 9
T 10	23 30 24	20°37'34	25°22	14°21	27°47	26°53	15°23	8°57	4°14	15°47	19°51	25°25	26°42	17°16	23°44	T 10
W11	23 34 20	21°36'42	9♓53	16° 9	29° 2	27°35	15°36	9° 3	4°12	15°47	19°53	25°20	26°38	17°22	23°42	W11
T 12	23 38 17	22°35'51	24°10	17°56	0♎17	28°17	15°48	9° 8	4°10	15°47	19°55	25°16	26°35	17°29	23°39	T 12
F 13	23 42 13	23°35'03	8♈10	19°44	1°32	28°59	16° 1	9°14	4° 7	15°47	19°57	25°13	26°32	17°36	23°37	F 13
S 14	23 46 10	24°34'17	21°47	21°30	2°47	29°41	16°14	9°19	4° 5	15°47	19°59	25°D12	26°29	17°42	23°35	S 14
S 15	23 50 6	25°33'33	5♉ 1	23°16	4° 2	0♏23	16°26	9°25	4° 3	15°R47	20° 2	25°12	26°26	17°49	23°32	S 15
M16	23 54 3	26°32'52	17°52	25° 1	5°17	1° 5	16°39	9°31	4° 1	15°47	20° 4	25°14	26°22	17°56	23°30	M16
T 17	23 57 59	27°32'13	0♊24	26°46	6°32	1°48	16°52	9°37	3°59	15°47	20° 6	25°15	26°19	18° 3	23°27	T 17
W18	0 1 56	28°31'36	12°38	28°30	7°47	2°30	17° 5	9°42	3°56	15°47	20° 9	25°17	26°16	18° 9	23°24	W18
T 19	0 5 53	29°31'02	24°41	0♎13	9° 2	3°13	17°17	9°48	3°54	15°47	20°11	25°R18	26°13	18°16	23°22	T 19
F 20	0 9 49	0♎30'30	6♋36	1°55	10°17	3°55	17°30	9°54	3°52	15°47	20°13	25°18	26°10	18°23	23°19	F 20
S 21	0 13 46	1°30'01	18°28	3°37	11°31	4°38	17°43	10° 0	3°50	15°46	20°15	25°17	26° 7	18°30	23°16	S 21
S 22	0 17 42	2°29'34	0♌22	5°18	12°46	5°20	17°56	10° 6	3°48	15°46	20°18	25°14	26° 3	18°36	23°14	S 22
M23	0 21 39	3°29'09	12°23	6°58	14° 1	6° 3	18° 9	10°13	3°46	15°46	20°20	25°11	26° 0	18°43	23°11	M23
T 24	0 25 35	4°28'46	24°33	8°38	15°16	6°46	18°22	10°19	3°44	15°46	20°23	25° 8	25°57	18°50	23° 8	T 24
W25	0 29 32	5°28'25	6♍55	10°17	16°31	7°29	18°35	10°25	3°42	15°45	20°25	25° 5	25°54	18°56	23° 5	W25
T 26	0 33 28	6°28'07	19°32	11°55	17°46	8°12	18°48	10°31	3°40	15°45	20°27	25° 2	25°51	19° 3	23° 3	T 26
F 27	0 37 25	7°27'51	2♎23	13°33	19° 1	8°55	19° 1	10°37	3°38	15°45	20°30	25° 0	25°48	19°10	23° 0	F 27
S 28	0 41 21	8°27'37	15°30	15°10	20°16	9°38	19°14	10°44	3°37	15°44	20°32	24°59	25°44	19°17	22°57	S 28
S 29	0 45 18	9°27'25	28°51	16°46	21°31	10°21	19°27	10°50	3°35	15°44	20°34	24°D59	25°41	19°23	22°54	S 29
M30	0 49 15	10♎27'15	12♏25	18♎22	22♎46	11♏ 5	19♎40	10♏56	3♓33	15♊43	20♎37	24♎59	25♎38	19♋30	22♈51	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n11	8s 7	0s35	13n48	1n44	6n35	1n21	8s14	0s 7	4s22	1n 7	12s21	2n 5	10s39	0s49	21n31	1s19	7n10	16n 3	9s58	10s32	17n35	10n22	1n 3
M 2	6 49	11 49	0n37	13 14	1 48	6 5	1 21	8 30	0 8	4 26	1 6	12 23	2 5	10 40	0 49	21 31	1 19	7 9	16 3	9 58	10 31	17 34	10 21	1 3
T 3	6 26	14 58	1 47	12 39	1 50	5 35	1 20	8 46	0 9	4 31	1 6	12 25	2 5	10 40	0 49	21 31	1 19	7 8	16 2	9 59	10 30	17 33	10 21	1 3
W 4	6 3	17 20	2 53	12 1	1 51	5 4	1 19	9 2	0 10	4 36	1 6	12 27	2 4	10 41	0 49	21 31	1 19	7 7	16 2	9 59	10 29	17 32	10 20	1 3
T 5	5 40	18 44	3 50	11 22	1 52	4 34	1 18	9 19	0 10	4 41	1 6	12 29	2 4	10 42	0 49	21 31	1 19	7 6	16 2	10 0	10 27	17 31	10 19	1 3
F 6	5 17	19 1	4 34	10 41	1 52	4 3	1 17	9 35	0 11	4 46	1 6	12 30	2 4	10 43	0 49	21 31	1 19	7 5	16 1	10 0	10 26	17 30	10 18	1 3
S 7	4 54	18 5	5 2	10 0	1 51	3 33	1 16	9 51	0 12	4 51	1 6	12 32	2 4	10 44	0 48	21 31	1 19	7 4	16 1	9 59	10 25	17 29	10 17	1 3
S 8	4 31	15 58	5 11	9 17	1 50	3 2	1 15	10 7	0 12	4 56	1 6	12 34	2 4	10 45	0 48	21 31	1 19	7 2	16 1	9 57	10 24	17 28	10 16	1 3
M 9	4 8	12 51	5 0	8 33	1 48	2 31	1 14	10 23	0 13	5 1	1 6	12 36	2 3	10 46	0 48	21 31	1 19	7 1	16 0	9 56	10 23	17 27	10 15	1 3
T 10	3 44	8 55	4 30	7 49	1 45	2 0	1 13	10 38	0 14	5 6	1 6	12 38	2 3	10 46	0 48	21 31	1 19	7 0	16 0	9 54	10 22	17 26	10 15	1 3
W11	3 21	4 29	3 42	7 4	1 42	1 29	1 11	10 54	0 14	5 10	1 5	12 40	2 3	10 47	0 48	21 31	1 19	6 59	16 0	9 52	10 20	17 25	10 14	1 3
T 12	2 57	0n 8	2 41	6 19	1 39	0 57	1 10	11 10	0 15	5 15	1 5	12 42	2 3	10 48	0 48	21 31	1 19	6 58	15 59	9 50	10 19	17 24	10 13	1 3
F 13	2 34	4 40	1 32	5 33	1 35	0 26	1 9	11 26	0 16	5 20	1 5	12 44	2 3	10 49	0 48	21 31	1 19	6 57	15 59	9 49	10 18	17 24	10 12	1 3
S 14	2 10	8 50	0 19	4 47	1 31	0s 5	1 7	11 41	0 16	5 25	1 5	12 46	2 3	10 50	0 48	21 31	1 19	6 56	15 59	9 49	10 17	17 23	10 11	1 2
S 15	1 47	12 26	0s54	4 0	1 26	0 36	1 6	11 57	0 17	5 30	1 5	12 48	2 2	10 50	0 48	21 31	1 19	6 55	15 59	9 49	10 16	17 22	10 10	1 2
M16	1 23	15 20	2 1	3 14	1 21	1 8	1 4	12 12	0 18	5 35	1 5	12 50	2 2	10 51	0 48	21 31	1 19	6 54	15 58	9 49	10 15	17 21	10 9	1 2
T 17	0 59	17 25	3 1	2 28	1 16	1 39	1 3	12 28	0 18	5 40	1 5	12 52	2 2	10 52	0 48	21 31	1 19	6 53	15 58	9 50	10 13	17 20	10 8	1 2
W18	0 35	18 38	3 51	1 41	1 11	2 10	1 1	12 43	0 19	5 45	1 5	12 54	2 2	10 53	0 48	21 31	1 19	6 52	15 58	9 51	10 12	17 19	10 7	1 2
T 19	0 12	18 59	4 31	0 55	1 5	2 41	1 0	12 58	0 20	5 50	1 5	12 56	2 2	10 53	0 48	21 31	1 19	6 51	15 58	9 51	10 11	17 18	10 6	1 2
F 20	0s12	18 29	4 58	0 8	0 59	3 13	0 58	13 14	0 20	5 55	1 5	12 58	2 2	10 54	0 48	21 31	1 19	6 50	15 58	9 51	10 10	17 17	10 5	1 2
S 21	0 36	17 10	5 12	0s38	0 53	3 44	0 56	13 29	0 21	6 0	1 5	13 0	2 1	10 55	0 48	21 31	1 20	6 49	15 57	9 51	10 9	17 16	10 4	1 2
S 22	1 0	15 6	5 13	1 24	0 47	4 15	0 54	13 44	0 22	6 5	1 4	13 2	2 1	10 56	0 48	21 31	1 20	6 48	15 57	9 50	10 8	17 15	10 3	1 2
M23	1 24	12 24	5 0	2 9	0 41	4 46	0 52	13 59	0 22	6 10	1 4	13 4	2 1	10 56	0 48	21 31	1 20	6 47	15 57	9 49	10 7	17 14	10 2	1 2
T 24	1 48	9 7	4 34	2 55	0 35	5 17	0 51	14 14	0 23	6 15	1 4	13 6	2 1	10 57	0 48	21 31	1 20	6 46	15 57	9 47	10 5	17 13	10 0	1 2
W25	2 11	5 24	3 55	3 40	0 28	5 47	0 49	14 28	0 24	6 20	1 4	13 8	2 1	10 58	0 48	21 31	1 20	6 45	15 57	9 46	10 4	17 12	9 59	1 2
T 26	2 35	1 22	3 3	4 25	0 21	6 18	0 47	14 43	0 24	6 25	1 4	13 10	2 1	10 58	0 48	21 31	1 20	6 44	15 56	9 45	10 3	17 10	9 58	1 2
F 27	2 59	2s49	2 2	5 9	0 15	6 49	0 45	14 57	0 25	6 30	1 4	13 12	2 1	10 59	0 48	21 31	1 20	6 43	15 56	9 44	10 2	17 9	9 57	1 2
S 28	3 23	6 57	0 52	5 53	0 8	7 19	0 43	15 12	0 25	6 36	1 4	13 14	2 0	11 0	0 48	21 30	1 20	6 42	15 56	9 44	10 1	17 8	9 56	1 2
S 29	3 46	10 48	0n21	6 37	0 1	7 49	0 40	15 26	0 26	6 41	1 4	13 16	2 0	11 0	0 48	21 30	1 20	6 41	15 56	9 44	10 0	17 7	9 55	1 2
M30	4s10	14s 9	1n35	7s20	0s 5	8s19	0n38	15s40	0s27	6s46	1n 4	13s18	2n 0	11s 1	0s48	21n30	1s20	6n40	15n56	9s44	9s58	17n 6	9n54	1n 2

Julian Day Number = 1994508.5, Delta T = 53m36s
Ecliptic obliquity = 23°35'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'32, Lahiri = 6°25'33 Julian Calendar 1 Sept. 748 == Greg. Calendar 5 Sept. 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

OCTOBER 748 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 53 11	11♎27'07	26♏10	19♎57	24♎ 1	11♏48	19♎53	11♏ 3	3°R31	15°R43	20♎39	25♎ 0	25♎35	19♋37	22°R48	T 1
W 2	0 57 8	12°27'01	10♐ 5	21°32	25°16	12°31	20° 6	11° 9	3♓30	15♊42	20°42	25° 1	25°32	19°43	22♈45	W 2
T 3	1 1 4	13°26'56	24° 7	23° 6	26°31	13°15	20°20	11°16	3°28	15°42	20°44	25° 2	25°28	19°50	22°43	T 3
F 4	1 5 1	14°26'53	8♑16	24°40	27°46	13°58	20°33	11°22	3°26	15°41	20°46	25°R 3	25°25	19°57	22°40	F 4
S 5	1 8 57	15°26'52	22°28	26°13	29° 1	14°42	20°46	11°29	3°25	15°40	20°49	25° 3	25°22	20° 4	22°37	S 5
S 6	1 12 54	16°26'53	6♒42	27°45	0♏16	15°25	20°59	11°36	3°23	15°40	20°51	25° 2	25°19	20°10	22°34	S 6
M 7	1 16 50	17°26'55	20°54	29°17	1°31	16° 9	21°12	11°42	3°21	15°39	20°54	25° 2	25°16	20°17	22°31	M 7
T 8	1 20 47	18°26'58	5♓ 3	0♏49	2°46	16°53	21°26	11°49	3°20	15°38	20°56	25° 1	25°13	20°24	22°28	T 8
W 9	1 24 44	19°27'04	19° 4	2°20	4° 1	17°37	21°39	11°56	3°19	15°37	20°59	25° 0	25° 9	20°31	22°25	W 9
T 10	1 28 40	20°27'11	2♈55	3°51	5°16	18°21	21°52	12° 2	3°17	15°37	21° 1	24°59	25° 6	20°37	22°22	T 10
F 11	1 32 37	21°27'20	16°31	5°21	6°31	19° 4	22° 5	12° 9	3°16	15°36	21° 4	24°59	25° 3	20°44	22°19	F 11
S 12	1 36 33	22°27'31	29°52	6°51	7°46	19°48	22°18	12°16	3°14	15°35	21° 6	24°D59	25° 0	20°51	22°16	S 12
S 13	1 40 30	23°27'43	12♉55	8°20	9° 1	20°33	22°32	12°23	3°13	15°34	21° 8	24°59	24°57	20°57	22°13	S 13
M14	1 44 26	24°27'58	25°41	9°49	10°16	21°17	22°45	12°29	3°12	15°33	21°11	24°59	24°53	21° 4	22°10	M14
T 15	1 48 23	25°28'15	8♊11	11°17	11°31	22° 1	22°58	12°36	3°11	15°32	21°13	24°R59	24°50	21°11	22° 7	T 15
W16	1 52 19	26°28'33	20°26	12°45	12°46	22°45	23°11	12°43	3° 9	15°31	21°16	24°59	24°47	21°18	22° 4	W16
T 17	1 56 16	27°28'54	2♋29	14°12	14° 0	23°29	23°24	12°50	3° 8	15°30	21°18	24°59	24°44	21°24	22° 1	T 17
F 18	2 0 13	28°29'17	14°25	15°39	15°15	24°14	23°38	12°57	3° 7	15°29	21°21	24°59	24°41	21°31	21°58	F 18
S 19	2 4 9	29°29'41	26°18	17° 5	16°30	24°58	23°51	13° 4	3° 6	15°28	21°23	24°D59	24°38	21°38	21°55	S 19
S 20	2 8 6	0♏30'08	8♌12	18°30	17°45	25°43	24° 4	13°11	3° 5	15°27	21°25	24°59	24°34	21°44	21°52	S 20
M21	2 12 2	1°30'36	20°12	19°55	19° 0	26°27	24°17	13°18	3° 4	15°26	21°28	24°59	24°31	21°51	21°49	M21
T 22	2 15 59	2°31'07	2♍22	21°19	20°15	27°12	24°30	13°25	3° 3	15°25	21°30	25° 0	24°28	21°58	21°46	T 22
W23	2 19 55	3°31'39	14°48	22°42	21°30	27°57	24°43	13°32	3° 3	15°24	21°33	25° 1	24°25	22° 5	21°43	W23
T 24	2 23 52	4°32'13	27°31	24° 4	22°45	28°41	24°57	13°39	3° 2	15°23	21°35	25° 1	24°22	22°11	21°41	T 24
F 25	2 27 48	5°32'49	10♎34	25°26	24° 0	29°26	25°10	13°46	3° 1	15°21	21°37	25° 2	24°19	22°18	21°38	F 25
S 26	2 31 45	6°33'27	23°58	26°46	25°15	0♐11	25°23	13°53	3° 0	15°20	21°40	25°R 2	24°15	22°25	21°35	S 26
S 27	2 35 41	7°34'06	7♏42	28° 4	26°30	0°56	25°36	14° 0	3° 0	15°19	21°42	25° 2	24°12	22°32	21°32	S 27
M28	2 39 38	8°34'47	21°44	29°22	27°45	1°41	25°49	14° 7	2°59	15°18	21°44	25° 1	24° 9	22°38	21°29	M28
T 29	2 43 35	9°35'29	5♐59	0♐37	29° 0	2°26	26° 2	14°14	2°59	15°16	21°47	25° 0	24° 6	22°45	21°26	T 29
W30	2 47 31	10°36'13	20°22	1°51	0♐14	3°11	26°15	14°21	2°58	15°15	21°49	24°58	24° 3	22°52	21°24	W30
T 31	2 51 28	11♏36'57	4♑48	3♐ 2	1♐29	3♐56	26♎28	14♏28	2♓58	15♊14	21♎52	24♎55	23♎59	22♋58	21♈21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s34	16s46	2n44	8s 2	0s12	8s49	0n36	15s54	0s27	6s51	1n 4	13s20	2n 0	11s 2	0s48	21n30	1s20	6n39	15n56	9s45	9s57	17n 5	9n53	1n 1
W 2	4 57	18 25	3 44	8 44	0 19	9 19	0 34	16 8	0 28	6 56	1 4	13 23	2 0	11 2	0 48	21 30	1 20	6 38	15 56	9 45	9 56	17 4	9 51	1 1
T 3	5 21	18 56	4 32	9 26	0 26	9 48	0 32	16 22	0 29	7 1	1 4	13 25	2 0	11 3	0 48	21 30	1 20	6 37	15 56	9 45	9 55	17 3	9 50	1 1
F 4	5 44	18 18	5 3	10 7	0 32	10 18	0 29	16 36	0 29	7 6	1 4	13 27	2 0	11 3	0 48	21 30	1 20	6 36	15 55	9 45	9 54	17 2	9 49	1 1
S 5	6 7	16 31	5 16	10 47	0 39	10 47	0 27	16 50	0 30	7 11	1 4	13 29	1 59	11 4	0 48	21 30	1 20	6 35	15 55	9 45	9 53	17 1	9 48	1 1
S 6	6 31	13 43	5 10	11 27	0 46	11 15	0 25	17 3	0 30	7 16	1 4	13 31	1 59	11 5	0 48	21 30	1 20	6 34	15 55	9 45	9 51	17 0	9 47	1 1
M 7	6 54	10 7	4 45	12 6	0 52	11 44	0 22	17 16	0 31	7 21	1 4	13 33	1 59	11 5	0 48	21 30	1 20	6 33	15 55	9 45	9 50	16 59	9 46	1 1
T 8	7 17	5 57	4 3	12 45	0 59	12 12	0 20	17 30	0 32	7 26	1 3	13 35	1 59	11 6	0 48	21 30	1 20	6 32	15 55	9 45	9 49	16 58	9 44	1 1
W 9	7 40	1 30	3 6	13 23	1 5	12 40	0 18	17 43	0 32	7 31	1 3	13 38	1 59	11 6	0 48	21 29	1 20	6 31	15 55	9 44	9 48	16 57	9 43	1 1
T 10	8 2	2n59	1 59	14 0	1 11	13 7	0 15	17 56	0 33	7 36	1 3	13 40	1 59	11 7	0 48	21 29	1 20	6 30	15 55	9 44	9 47	16 56	9 42	1 1
F 11	8 25	7 15	0 47	14 37	1 18	13 35	0 13	18 8	0 33	7 41	1 3	13 42	1 59	11 7	0 48	21 29	1 20	6 29	15 55	9 44	9 46	16 55	9 41	1 1
S 12	8 48	11 5	0s27	15 12	1 24	14 2	0 10	18 21	0 34	7 46	1 3	13 44	1 59	11 8	0 48	21 29	1 20	6 28	15 55	9 44	9 44	16 54	9 40	1 1
S 13	9 10	14 16	1 38	15 47	1 30	14 28	0 8	18 33	0 34	7 51	1 3	13 46	1 59	11 8	0 48	21 29	1 20	6 27	15 55	9 44	9 43	16 53	9 39	1 1
M14	9 33	16 41	2 42	16 22	1 35	14 55	0 5	18 46	0 35	7 56	1 3	13 48	1 59	11 8	0 48	21 29	1 20	6 27	15 55	9 44	9 42	16 52	9 37	1 1
T 15	9 55	18 14	3 37	16 55	1 41	15 20	0 3	18 58	0 36	8 1	1 3	13 51	1 58	11 9	0 48	21 29	1 20	6 26	15 55	9 44	9 41	16 51	9 36	1 0
W16	10 17	18 54	4 21	17 27	1 46	15 46	0 0	19 10	0 36	8 5	1 3	13 53	1 58	11 9	0 48	21 29	1 20	6 25	15 55	9 44	9 40	16 50	9 35	1 0
T 17	10 39	18 41	4 53	17 59	1 52	16 11	0s 2	19 22	0 37	8 10	1 3	13 55	1 58	11 10	0 48	21 28	1 20	6 24	15 55	9 44	9 39	16 49	9 34	1 0
F 18	11 0	17 39	5 12	18 30	1 57	16 36	0 5	19 33	0 37	8 15	1 3	13 57	1 58	11 10	0 48	21 28	1 20	6 23	15 55	9 44	9 37	16 47	9 33	1 0
S 19	11 22	15 50	5 17	18 59	2 2	17 0	0 7	19 45	0 38	8 20	1 3	13 59	1 58	11 10	0 47	21 28	1 20	6 22	15 55	9 44	9 36	16 46	9 31	1 0
S 20	11 43	13 22	5 9	19 28	2 6	17 24	0 10	19 56	0 38	8 25	1 3	14 1	1 58	11 11	0 47	21 28	1 20	6 21	15 55	9 44	9 35	16 45	9 30	1 0
M21	12 5	10 19	4 47	19 56	2 10	17 47	0 12	20 7	0 39	8 30	1 3	14 4	1 58	11 11	0 47	21 28	1 20	6 21	15 55	9 44	9 34	16 44	9 29	1 0
T 22	12 26	6 46	4 12	20 22	2 14	18 10	0 15	20 18	0 39	8 35	1 3	14 6	1 58	11 11	0 47	21 28	1 20	6 20	15 55	9 44	9 33	16 43	9 28	1 0
W23	12 46	2 53	3 25	20 48	2 18	18 32	0 17	20 29	0 40	8 40	1 3	14 8	1 58	11 11	0 47	21 28	1 20	6 19	15 55	9 45	9 31	16 42	9 27	1 0
T 24	13 7	1s15	2 27	21 12	2 22	18 54	0 20	20 39	0 40	8 45	1 3	14 10	1 58	11 12	0 47	21 27	1 21	6 18	15 55	9 45	9 30	16 41	9 25	1 0
F 25	13 28	5 25	1 19	21 35	2 25	19 16	0 22	20 50	0 41	8 49	1 3	14 12	1 58	11 12	0 47	21 27	1 21	6 18	15 56	9 45	9 29	16 40	9 24	1 0
S 26	13 48	9 27	0 6	21 57	2 27	19 36	0 25	21 0	0 42	8 54	1 3	14 14	1 58	11 12	0 47	21 27	1 21	6 17	15 56	9 45	9 28	16 39	9 23	0 59
S 27	14 8	13 5	1n10	22 17	2 29	19 57	0 27	21 10	0 42	8 59	1 3	14 17	1 58	11 12	0 47	21 27	1 21	6 16	15 56	9 45	9 27	16 38	9 22	0 59
M28	14 27	16 2	2 22	22 36	2 31	20 16	0 30	21 20	0 43	9 4	1 3	14 19	1 58	11 13	0 47	21 27	1 21	6 15	15 56	9 45	9 26	16 37	9 21	0 59
T 29	14 47	18 3	3 27	22 54	2 32	20 36	0 32	21 29	0 43	9 9	1 3	14 21	1 57	11 13	0 47	21 27	1 21	6 15	15 56	9 44	9 24	16 35	9 20	0 59
W30	15 6	18 55	4 20	23 10	2 33	20 54	0 35	21 39	0 44	9 13	1 3	14 23	1 57	11 13	0 47	21 26	1 21	6 14	15 56	9 44	9 23	16 34	9 18	0 59
T 31	15s25	18s34	4n56	23s24	2s33	21s12	0s37	21s48	0s44	9s18	1n 3	14s25	1n57	11s13	0s47	21n26	1s21	6n13	15n56	9s43	9s22	16n33	9n17	0n59

Julian Day Number = 1994538.5, Delta T = 53m35s
Ecliptic obliquity = 23°35'56, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'36, Lahiri = 6°25'37 Julian Calendar 1 Oct. 748 == Greg. Calendar 5 Oct. 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

NOVEMBER 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 55 24	12♏37'43	19♉13	4♐11	2♐44	4♐41	26♎41	14♏35	2°R57	15°R12	21♎54	24°R54	23♎56	23♋ 5	21°R18	F 1
S 2	2 59 21	13°38'30	3♒31	5°18	3°59	5°27	26°54	14°42	2♓57	15♊11	21°56	24♎53	23°53	23°12	21♈15	S 2
S 3	3 3 17	14°39'18	17°40	6°21	5°14	6°12	27° 7	14°49	2°57	15° 9	21°58	24°D52	23°50	23°19	21°13	S 3
M 4	3 7 14	15°40'07	1♓39	7°20	6°29	6°57	27°20	14°56	2°56	15° 8	22° 1	24°53	23°47	23°25	21°10	M 4
T 5	3 11 11	16°40'57	15°26	8°16	7°44	7°43	27°33	15° 4	2°56	15° 7	22° 3	24°54	23°44	23°32	21° 7	T 5
W 6	3 15 7	17°41'48	29° 1	9° 6	8°59	8°28	27°46	15°11	2°56	15° 5	22° 5	24°56	23°40	23°39	21° 5	W 6
T 7	3 19 4	18°42'40	12♈23	9°52	10°13	9°14	27°59	15°18	2°56	15° 4	22° 8	24°57	23°37	23°46	21° 2	T 7
F 8	3 23 0	19°43'33	25°34	10°31	11°28	9°59	28°11	15°25	2°D56	15° 2	22°10	24°R58	23°34	23°52	21° 0	F 8
S 9	3 26 57	20°44'27	8♉32	11° 3	12°43	10°45	28°24	15°32	2°56	15° 1	22°12	24°57	23°31	23°59	20°57	S 9
S 10	3 30 53	21°45'22	21°18	11°28	13°58	11°31	28°37	15°39	2°56	14°59	22°14	24°55	23°28	24° 6	20°55	S 10
M11	3 34 50	22°46'18	3♊51	11°44	15°13	12°16	28°49	15°46	2°56	14°58	22°16	24°51	23°25	24°12	20°52	M11
T 12	3 38 46	23°47'15	16°13	11°R52	16°27	13° 2	29° 2	15°53	2°56	14°56	22°18	24°46	23°21	24°19	20°50	T 12
W13	3 42 43	24°48'14	28°24	11°49	17°42	13°48	29°15	16° 0	2°56	14°54	22°21	24°41	23°18	24°26	20°48	W13
T 14	3 46 40	25°49'14	10♋26	11°35	18°57	14°34	29°27	16° 7	2°57	14°53	22°23	24°35	23°15	24°33	20°45	T 14
F 15	3 50 36	26°50'14	22°21	11°10	20°12	15°20	29°40	16°14	2°57	14°51	22°25	24°30	23°12	24°39	20°43	F 15
S 16	3 54 33	27°51'16	4♌12	10°34	21°26	16° 6	29°52	16°21	2°57	14°50	22°27	24°26	23° 9	24°46	20°41	S 16
S 17	3 58 29	28°52'19	16° 5	9°46	22°41	16°52	0♏ 5	16°28	2°58	14°48	22°29	24°24	23° 5	24°53	20°39	S 17
M18	4 2 26	29°53'23	28° 2	8°48	23°56	17°38	0°17	16°35	2°58	14°46	22°31	24°D23	23° 2	24°59	20°36	M18
T 19	4 6 22	0♐54'28	10♍ 9	7°41	25°10	18°24	0°29	16°42	2°59	14°45	22°33	24°23	22°59	25° 6	20°34	T 19
W20	4 10 19	1°55'34	22°31	6°26	26°25	19°10	0°42	16°49	2°59	14°43	22°35	24°24	22°56	25°13	20°32	W20
T 21	4 14 15	2°56'41	5♎13	5° 6	27°40	19°56	0°54	16°56	3° 0	14°41	22°37	24°26	22°53	25°20	20°30	T 21
F 22	4 18 12	3°57'49	18°17	3°44	28°55	20°42	1° 6	17° 3	3° 1	14°40	22°39	24°R27	22°50	25°26	20°28	F 22
S 23	4 22 9	4°58'58	1♏48	2°21	0♉ 9	21°28	1°18	17° 9	3° 1	14°38	22°41	24°27	22°46	25°33	20°26	S 23
S 24	4 26 5	6° 0'08	15°45	1° 2	1°24	22°15	1°30	17°16	3° 2	14°36	22°43	24°25	22°43	25°40	20°24	S 24
M25	4 30 2	7° 1'19	0♐ 7	29♏48	2°38	23° 1	1°42	17°23	3° 3	14°35	22°45	24°21	22°40	25°47	20°23	M25
T 26	4 33 58	8° 2'30	14°47	28°41	3°53	23°47	1°54	17°30	3° 4	14°33	22°47	24°15	22°37	25°53	20°21	T 26
W27	4 37 55	9° 3'42	29°40	27°44	5° 8	24°34	2° 6	17°37	3° 5	14°31	22°49	24° 8	22°34	26° 0	20°19	W27
T 28	4 41 51	10° 4'54	14♉35	26°56	6°22	25°20	2°18	17°43	3° 6	14°30	22°50	24° 1	22°30	26° 7	20°17	T 28
F 29	4 45 48	11° 6'06	29°25	26°20	7°37	26° 7	2°29	17°50	3° 7	14°28	22°52	23°54	22°27	26°13	20°16	F 29
S 30	4 49 44	12♐ 7'19	14♒ 2	25♏55	8♉51	26♐53	2♏41	17♏57	3♓ 8	14♊26	22♎54	23♎49	22♎24	26♋20	20♈14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15 s44	17 s 2	5n14	23 s37	2 s32	21 s30	0 s40	21 s57	0 s45	9 s23	1n 3	14 s27	1n57	11 s13	0 s47	21n26	1 s21	6n12	15n56	9 s42	9 s21	16n32	9n16	0n59
S 2	16 2	14 26	5 12	23 48	2 31	21 47	0 42	22 5	0 45	9 27	1 3	14 29	1 57	11 13	0 47	21 26	1 21	6 12	15 57	9 42	9 20	16 31	9 15	0 59
S 3	16 20	11 1	4 51	23 58	2 29	22 3	0 45	22 14	0 45	9 32	1 3	14 31	1 57	11 13	0 47	21 26	1 21	6 11	15 57	9 42	9 19	16 30	9 14	0 59
M 4	16 38	7 1	4 13	24 5	2 26	22 18	0 47	22 22	0 46	9 37	1 3	14 34	1 57	11 13	0 47	21 26	1 21	6 10	15 57	9 42	9 17	16 29	9 13	0 59
T 5	16 56	2 42	3 21	24 10	2 23	22 33	0 49	22 30	0 46	9 41	1 3	14 36	1 57	11 13	0 47	21 25	1 21	6 10	15 57	9 42	9 16	16 28	9 12	0 58
W 6	17 13	1n43	2 18	24 14	2 18	22 48	0 52	22 38	0 47	9 46	1 3	14 38	1 57	11 13	0 47	21 25	1 21	6 9	15 57	9 43	9 15	16 27	9 11	0 58
T 7	17 30	5 59	1 9	24 15	2 12	23 1	0 54	22 46	0 47	9 51	1 3	14 40	1 57	11 13	0 47	21 25	1 21	6 9	15 58	9 43	9 14	16 25	9 10	0 58
F 8	17 47	9 54	0 s 3	24 14	2 5	23 14	0 56	22 53	0 48	9 55	1 3	14 42	1 57	11 13	0 47	21 25	1 21	6 8	15 58	9 44	9 13	16 24	9 9	0 58
S 9	18 3	13 16	1 14	24 11	1 57	23 27	0 59	23 0	0 48	10 0	1 3	14 44	1 57	11 13	0 47	21 25	1 21	6 7	15 58	9 43	9 11	16 23	9 8	0 58
S 10	18 20	15 58	2 20	24 5	1 47	23 38	1 1	23 7	0 49	10 4	1 3	14 46	1 57	11 13	0 47	21 25	1 21	6 7	15 58	9 42	9 10	16 22	9 7	0 58
M11	18 35	17 50	3 17	23 56	1 36	23 49	1 3	23 14	0 49	10 9	1 3	14 48	1 57	11 13	0 47	21 24	1 21	6 6	15 58	9 41	9 9	16 21	9 5	0 58
T 12	18 51	18 50	4 5	23 45	1 24	23 59	1 5	23 20	0 50	10 13	1 3	14 50	1 57	11 13	0 47	21 24	1 21	6 6	15 59	9 39	9 8	16 20	9 4	0 58
W13	19 6	18 55	4 40	23 31	1 10	24 9	1 7	23 26	0 50	10 18	1 3	14 52	1 57	11 13	0 47	21 24	1 21	6 5	15 59	9 37	9 7	16 19	9 3	0 58
T 14	19 20	18 10	5 2	23 14	0 55	24 17	1 9	23 32	0 50	10 22	1 3	14 54	1 57	11 13	0 47	21 24	1 21	6 5	15 59	9 35	9 6	16 17	9 3	0 57
F 15	19 35	16 36	5 12	22 54	0 38	24 25	1 11	23 38	0 51	10 26	1 3	14 56	1 57	11 13	0 46	21 24	1 21	6 4	15 59	9 33	9 4	16 16	9 2	0 57
S 16	19 49	14 21	5 7	22 31	0 20	24 32	1 13	23 43	0 51	10 31	1 3	14 58	1 57	11 13	0 46	21 23	1 21	6 4	16 0	9 32	9 3	16 15	9 1	0 57
S 17	20 2	11 31	4 50	22 5	0 1	24 39	1 15	23 48	0 52	10 35	1 3	15 0	1 57	11 12	0 46	21 23	1 21	6 3	16 0	9 31	9 2	16 14	9 0	0 57
M18	20 16	8 10	4 20	21 36	0n19	24 45	1 17	23 53	0 52	10 40	1 3	15 2	1 57	11 12	0 46	21 23	1 21	6 3	16 0	9 31	9 1	16 13	8 59	0 57
T 19	20 29	4 27	3 38	21 5	0 39	24 50	1 19	23 58	0 53	10 44	1 3	15 4	1 57	11 12	0 46	21 23	1 21	6 2	16 1	9 31	9 0	16 12	8 58	0 57
W20	20 41	0 28	2 45	20 33	1 0	24 54	1 21	24 2	0 53	10 48	1 3	15 6	1 57	11 12	0 46	21 23	1 21	6 2	16 1	9 31	8 58	16 11	8 57	0 57
T 21	20 53	3 s39	1 43	19 59	1 20	24 57	1 23	24 6	0 53	10 52	1 3	15 8	1 57	11 11	0 46	21 22	1 21	6 1	16 1	9 32	8 57	16 9	8 56	0 57
F 22	21 5	7 44	0 33	19 26	1 38	25 0	1 24	24 10	0 54	10 57	1 4	15 10	1 57	11 11	0 46	21 22	1 21	6 1	16 2	9 32	8 56	16 8	8 55	0 57
S 23	21 16	11 33	0n40	18 53	1 56	25 2	1 26	24 13	0 54	11 1	1 4	15 12	1 57	11 11	0 46	21 22	1 21	6 1	16 2	9 32	8 55	16 7	8 54	0 56
S 24	21 27	14 52	1 53	18 22	2 11	25 3	1 28	24 17	0 54	11 5	1 4	15 14	1 57	11 10	0 46	21 22	1 21	6 0	16 2	9 32	8 54	16 6	8 54	0 56
M25	21 38	17 22	3 1	17 53	2 25	25 3	1 29	24 19	0 55	11 9	1 4	15 16	1 57	11 10	0 46	21 22	1 21	6 0	16 3	9 30	8 52	16 5	8 53	0 56
T 26	21 48	18 47	3 58	17 28	2 36	25 3	1 31	24 22	0 55	11 13	1 4	15 18	1 57	11 10	0 46	21 22	1 21	5 59	16 3	9 28	8 51	16 4	8 52	0 56
W27	21 57	18 55	4 40	17 7	2 45	25 2	1 32	24 25	0 56	11 17	1 4	15 19	1 57	11 9	0 46	21 21	1 21	5 59	16 3	9 25	8 50	16 2	8 51	0 56
T 28	22 7	17 46	5 4	16 50	2 51	25 0	1 33	24 27	0 56	11 21	1 4	15 21	1 57	11 9	0 46	21 21	1 21	5 59	16 4	9 23	8 49	16 1	8 50	0 56
F 29	22 15	15 25	5 6	16 37	2 56	24 57	1 35	24 29	0 56	11 25	1 4	15 23	1 57	11 9	0 46	21 21	1 21	5 58	16 4	9 20	8 48	16 0	8 50	0 56
S 30	22 s24	12 s 7	4n49	16 s29	2n58	24 s54	1 s36	24 s30	0 s57	11 s29	1n 4	15 s25	1n57	11 s 8	0 s46	21n21	1 s21	5n58	16n 4	9 s18	8 s47	15n59	8n49	0n56

Julian Day Number = 1994569.5, Delta T = 53m34s
Ecliptic obliquity = 23°35'55, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'41, Lahiri = 6°25'41 Julian Calendar 1 Nov. 748 == Greg. Calendar 5 Nov. 748

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ASTRODIENST EPHEMERIS for the year 748
geocentric

DECEMBER 748 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 53 41	13♐ 8'31	28♒21	25°R40	10♑ 6	27♐40	2♏53	18♏ 3	3♓ 9	14°R25	22♎56	23°R46	22♎21	26♋27	20°R13	S 1
M 2	4 57 38	14° 9'43	12♓20	25°D35	11°20	28°27	3° 4	18°10	3°10	14♊23	22°58	23°D45	22°18	26°34	20♈11	M 2
T 3	5 1 34	15°10'56	25°58	25♏40	12°35	29°13	3°16	18°17	3°11	14°21	22°59	23♎45	22°15	26°40	20°10	T 3
W 4	5 5 31	16°12'08	9♈18	25°53	13°49	29°59	3°27	18°23	3°13	14°19	23° 1	23°46	22°11	26°47	20° 8	W 4
T 5	5 9 27	17°13'20	22°21	26°15	15° 4	0♑47	3°38	18°30	3°14	14°18	23° 3	23°R47	22° 8	26°54	20° 7	T 5
F 6	5 13 24	18°14'32	5♉11	26°44	16°18	1°33	3°50	18°36	3°15	14°16	23° 4	23°46	22° 5	27° 1	20° 6	F 6
S 7	5 17 20	19°15'44	17°48	27°20	17°33	2°20	4° 1	18°43	3°17	14°14	23° 6	23°43	22° 2	27° 7	20° 5	S 7
S 8	5 21 17	20°16'57	0♊15	28° 1	18°47	3° 7	4°12	18°49	3°18	14°13	23° 7	23°38	21°59	27°14	20° 4	S 8
M 9	5 25 13	21°18'09	12°34	28°48	20° 1	3°54	4°23	18°55	3°20	14°11	23° 9	23°29	21°56	27°21	20° 3	M 9
T 10	5 29 10	22°19'21	24°44	29°39	21°16	4°41	4°34	19° 2	3°21	14° 9	23°10	23°19	21°52	27°27	20° 1	T 10
W11	5 33 7	23°20'33	6♋48	0♐34	22°30	5°27	4°44	19° 8	3°23	14° 8	23°12	23° 7	21°49	27°34	20° 1	W11
T 12	5 37 3	24°21'45	18°46	1°34	23°44	6°14	4°55	19°14	3°25	14° 6	23°13	22°55	21°46	27°41	20° 0	T 12
F 13	5 41 0	25°22'57	0♌39	2°36	24°58	7° 1	5° 6	19°20	3°26	14° 4	23°15	22°43	21°43	27°48	19°59	F 13
S 14	5 44 56	26°24'09	12°30	3°41	26°13	7°48	5°16	19°27	3°28	14° 3	23°16	22°33	21°40	27°54	19°58	S 14
S 15	5 48 53	27°25'21	24°22	4°49	27°27	8°35	5°27	19°33	3°30	14° 1	23°17	22°25	21°36	28° 1	19°57	S 15
M16	5 52 49	28°26'32	6♍17	5°59	28°41	9°22	5°37	19°39	3°32	13°59	23°19	22°20	21°33	28° 8	19°57	M16
T 17	5 56 46	29°27'44	18°21	7°11	29°55	10° 9	5°48	19°45	3°34	13°58	23°20	22°17	21°30	28°14	19°56	T 17
W18	6 0 42	0♑28'56	0♎38	8°26	1♒ 9	10°56	5°58	19°51	3°36	13°56	23°21	22°D16	21°27	28°21	19°55	W18
T 19	6 4 39	1°30'08	13°13	9°41	2°23	11°44	6° 8	19°56	3°38	13°54	23°23	22°17	21°24	28°28	19°55	T 19
F 20	6 8 36	2°31'19	26°11	10°59	3°37	12°31	6°18	20° 2	3°40	13°53	23°24	22°R17	21°21	28°35	19°54	F 20
S 21	6 12 32	3°32'31	9♏37	12°17	4°51	13°18	6°28	20° 8	3°42	13°51	23°25	22°16	21°17	28°41	19°54	S 21
S 22	6 16 29	4°33'42	23°33	13°37	6° 5	14° 5	6°37	20°14	3°44	13°50	23°26	22°12	21°14	28°48	19°54	S 22
M23	6 20 25	5°34'54	7♐58	14°58	7°19	14°52	6°47	20°20	3°46	13°48	23°27	22° 6	21°11	28°55	19°54	M23
T 24	6 24 22	6°36'04	22°49	16°21	8°33	15°39	6°57	20°25	3°48	13°47	23°28	21°57	21° 8	29° 2	19°53	T 24
W25	6 28 18	7°37'15	7♑58	17°44	9°46	16°27	7° 6	20°31	3°50	13°45	23°29	21°46	21° 5	29° 8	19°53	W25
T 26	6 32 15	8°38'24	23°14	19° 8	11° 0	17°14	7°16	20°36	3°53	13°44	23°30	21°35	21° 2	29°15	19°D53	T 26
F 27	6 36 12	9°39'33	8♒28	20°33	12°14	18° 1	7°25	20°42	3°55	13°42	23°31	21°24	20°58	29°22	19°53	F 27
S 28	6 40 8	10°40'41	23°27	21°59	13°28	18°48	7°34	20°47	3°57	13°41	23°32	21°15	20°55	29°28	19°53	S 28
S 29	6 44 5	11°41'48	8♓ 4	23°25	14°41	19°36	7°43	20°52	4° 0	13°39	23°33	21° 9	20°52	29°35	19°53	S 29
M30	6 48 1	12°42'54	22°15	24°53	15°55	20°23	7°52	20°58	4° 2	13°38	23°34	21° 5	20°49	29°42	19°54	M30
T 31	6 51 58	13♑43'59	5♈59	26♐21	17♒ 8	21♑10	8♏ 1	21♏ 3	4♓ 4	13♊36	23♎35	21♎ 4	20♎46	29♋49	19♈54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s32	8s10	4n14	16s25	2n59	24s49	1s37	24s32	0s57	11s33	1n 4	15s27	1n57	11s 8	0s46	21n21	1s21	5n58	16n 5	9s17	8s45	15n58	8n48	0n55
M 2	22 39	3 50	3 24	16 25	2 58	24 44	1 38	24 33	0 57	11 37	1 4	15 29	1 57	11 7	0 46	21 20	1 21	5 58	16 5	9 17	8 44	15 57	8 48	0 55
T 3	22 46	0n35	2 24	16 28	2 55	24 39	1 39	24 33	0 58	11 41	1 4	15 30	1 57	11 7	0 46	21 20	1 21	5 57	16 6	9 17	8 43	15 55	8 47	0 55
W 4	22 53	4 53	1 17	16 35	2 52	24 32	1 40	24 34	0 58	11 45	1 4	15 32	1 57	11 6	0 46	21 20	1 21	5 57	16 6	9 17	8 42	15 54	8 46	0 55
T 5	22 59	8 53	0 8	16 44	2 47	24 25	1 41	24 34	0 58	11 48	1 4	15 34	1 57	11 6	0 46	21 20	1 21	5 57	16 6	9 17	8 41	15 53	8 46	0 55
F 6	23 4	12 23	1s 1	16 56	2 41	24 17	1 42	24 34	0 58	11 52	1 4	15 36	1 57	11 5	0 46	21 20	1 21	5 57	16 7	9 17	8 39	15 52	8 45	0 55
S 7	23 10	15 15	2 5	17 10	2 35	24 8	1 43	24 33	0 59	11 56	1 4	15 37	1 58	11 5	0 46	21 19	1 21	5 57	16 7	9 16	8 38	15 51	8 45	0 55
S 8	23 14	17 22	3 2	17 26	2 29	23 59	1 43	24 33	0 59	11 59	1 4	15 39	1 58	11 4	0 46	21 19	1 21	5 56	16 8	9 14	8 37	15 49	8 44	0 55
M 9	23 19	18 39	3 50	17 43	2 21	23 48	1 44	24 32	0 59	12 3	1 5	15 41	1 58	11 3	0 46	21 19	1 21	5 56	16 8	9 11	8 36	15 48	8 43	0 54
T 10	23 22	19 3	4 27	18 2	2 14	23 38	1 45	24 30	1 0	12 7	1 5	15 42	1 58	11 3	0 45	21 19	1 21	5 56	16 8	9 7	8 35	15 47	8 43	0 54
W11	23 26	18 35	4 51	18 21	2 6	23 26	1 45	24 29	1 0	12 10	1 5	15 44	1 58	11 2	0 45	21 19	1 21	5 56	16 9	9 3	8 33	15 46	8 42	0 54
T 12	23 29	17 17	5 2	18 41	1 58	23 14	1 45	24 27	1 0	12 14	1 5	15 46	1 58	11 2	0 45	21 19	1 21	5 56	16 9	8 58	8 32	15 45	8 42	0 54
F 13	23 31	15 16	5 0	19 2	1 50	23 1	1 46	24 25	1 0	12 17	1 5	15 47	1 58	11 1	0 45	21 18	1 21	5 56	16 10	8 54	8 31	15 43	8 42	0 54
S 14	23 33	12 36	4 45	19 22	1 41	22 47	1 46	24 23	1 1	12 21	1 5	15 49	1 58	11 0	0 45	21 18	1 21	5 56	16 10	8 50	8 30	15 42	8 41	0 54
S 15	23 34	9 26	4 18	19 43	1 33	22 33	1 46	24 20	1 1	12 24	1 5	15 50	1 58	11 0	0 45	21 18	1 21	5 56	16 11	8 47	8 29	15 41	8 41	0 54
M16	23 35	5 52	3 39	20 4	1 24	22 18	1 46	24 17	1 1	12 28	1 5	15 52	1 58	10 59	0 45	21 18	1 21	5 56	16 11	8 45	8 27	15 40	8 40	0 53
T 17	23 36	2 2	2 50	20 25	1 16	22 2	1 46	24 14	1 1	12 31	1 5	15 54	1 58	10 58	0 45	21 18	1 21	5 56	16 12	8 44	8 26	15 39	8 40	0 53
W18	23 36	1s58	1 52	20 45	1 7	21 46	1 46	24 10	1 2	12 34	1 5	15 55	1 58	10 57	0 45	21 17	1 21	5 56	16 12	8 44	8 25	15 37	8 40	0 53
T 19	23 35	5 59	0 48	21 5	0 59	21 29	1 46	24 6	1 2	12 37	1 5	15 57	1 58	10 57	0 45	21 17	1 21	5 56	16 13	8 44	8 24	15 36	8 39	0 53
F 20	23 34	9 51	0n21	21 25	0 50	21 11	1 46	24 2	1 2	12 41	1 6	15 58	1 58	10 56	0 45	21 17	1 21	5 56	16 13	8 44	8 23	15 35	8 39	0 53
S 21	23 33	13 21	1 31	21 44	0 42	20 53	1 45	23 58	1 2	12 44	1 6	16 0	1 59	10 55	0 45	21 17	1 20	5 56	16 14	8 43	8 21	15 34	8 39	0 53
S 22	23 31	16 14	2 38	22 2	0 33	20 34	1 45	23 53	1 2	12 47	1 6	16 1	1 59	10 54	0 45	21 17	1 20	5 56	16 14	8 42	8 20	15 32	8 39	0 53
M23	23 29	18 13	3 37	22 20	0 25	20 15	1 45	23 48	1 3	12 50	1 6	16 2	1 59	10 54	0 45	21 17	1 20	5 56	16 14	8 40	8 19	15 31	8 38	0 53
T 24	23 26	19 1	4 23	22 36	0 17	19 55	1 44	23 43	1 3	12 53	1 6	16 4	1 59	10 53	0 45	21 17	1 20	5 56	16 15	8 36	8 18	15 30	8 38	0 52
W25	23 23	18 30	4 52	22 52	0 9	19 35	1 43	23 37	1 3	12 56	1 6	16 5	1 59	10 52	0 45	21 16	1 20	5 56	16 15	8 32	8 17	15 29	8 38	0 52
T 26	23 19	16 38	5 1	23 8	0 1	19 14	1 43	23 31	1 3	12 59	1 6	16 7	1 59	10 51	0 45	21 16	1 20	5 56	16 16	8 28	8 15	15 28	8 38	0 52
F 27	23 15	13 38	4 48	23 22	0s 6	18 52	1 42	23 25	1 3	13 2	1 6	16 8	1 59	10 50	0 45	21 16	1 20	5 56	16 16	8 24	8 14	15 26	8 38	0 52
S 28	23 10	9 47	4 15	23 35	0 14	18 30	1 41	23 19	1 3	13 5	1 6	16 9	1 59	10 49	0 45	21 16	1 20	5 56	16 17	8 21	8 13	15 25	8 38	0 52
S 29	23 5	5 25	3 26	23 47	0 21	18 8	1 40	23 12	1 4	13 8	1 6	16 10	1 59	10 48	0 45	21 16	1 20	5 57	16 17	8 18	8 12	15 24	8 38	0 52
M30	22 59	0 52	2 26	23 58	0 28	17 45	1 39	23 5	1 4	13 10	1 7	16 12	1 59	10 47	0 45	21 16	1 20	5 57	16 18	8 17	8 11	15 23	8 38	0 52
T 31	22s53	3n36	1n19	24s 8	0s35	17s21	1s38	22s58	1s 4	13s13	1n 7	16s13	2n 0	10s47	0s45	21n15	1s20	5n57	16n19	8s16	8s 9	15n21	8n38	0n52

Julian Day Number = 1994599.5, Delta T = 53m34s
Ecliptic obliquity = 23°35'54, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'45, Lahiri = 6°25'45 Julian Calendar 1 Dec. 748 == Greg. Calendar 5 Dec. 748

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ASTRODIENST EPHEMERIS for the year 749
geocentric

JANUARY 749 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 55 54	14♑45'02	19♈18	27♐49	18♒22	21♑58	8♏ 9	21♏ 8	4♓ 7	13°R35	23♎35	21°R 4	20♎42	29♋55	19♈54	W 1
T 2	6 59 51	15°46'05	2♉15	29°19	19°35	22°45	8°18	21°13	4° 9	13♊33	23°36	21♎ 4	20°39	0♌ 2	19°54	T 2
F 3	7 3 47	16°47'06	14°53	0♑49	20°49	23°32	8°26	21°18	4°12	13°32	23°37	21° 2	20°36	0° 9	19°55	F 3
S 4	7 7 44	17°48'06	27°18	2°20	22° 2	24°20	8°34	21°23	4°14	13°31	23°38	20°58	20°33	0°16	19°55	S 4
S 5	7 11 41	18°49'05	9♊32	3°51	23°15	25° 7	8°42	21°28	4°17	13°29	23°38	20°51	20°30	0°22	19°56	S 5
M 6	7 15 37	19°50'03	21°38	5°24	24°28	25°54	8°50	21°33	4°20	13°28	23°39	20°41	20°27	0°29	19°57	M 6
T 7	7 19 34	20°51'00	3♋39	6°56	25°42	26°42	8°58	21°37	4°22	13°27	23°39	20°28	20°23	0°36	19°57	T 7
W 8	7 23 30	21°51'56	15°36	8°30	26°55	27°29	9° 6	21°42	4°25	13°25	23°40	20°13	20°20	0°42	19°58	W 8
T 9	7 27 27	22°52'50	27°29	10° 4	28° 8	28°17	9°14	21°46	4°28	13°24	23°40	19°58	20°17	0°49	19°59	T 9
F 10	7 31 23	23°53'43	9♌22	11°39	29°21	29° 4	9°21	21°51	4°31	13°23	23°41	19°43	20°14	0°56	20° 0	F 10
S 11	7 35 20	24°54'35	21°14	13°15	0♓33	29°51	9°29	21°55	4°33	13°22	23°41	19°31	20°11	1° 3	20° 1	S 11
S 12	7 39 16	25°55'26	3♍ 8	14°51	1°46	0♒39	9°36	22° 0	4°36	13°21	23°42	19°20	20° 8	1° 9	20° 1	S 12
M13	7 43 13	26°56'16	15° 6	16°28	2°59	1°26	9°43	22° 4	4°39	13°19	23°42	19°13	20° 4	1°16	20° 3	M13
T 14	7 47 10	27°57'05	27°11	18° 6	4°12	2°14	9°50	22° 8	4°42	13°18	23°42	19° 9	20° 1	1°23	20° 4	T 14
W15	7 51 6	28°57'52	9♎27	19°45	5°24	3° 1	9°56	22°12	4°45	13°17	23°43	19° 7	19°58	1°29	20° 5	W15
T 16	7 55 3	29°58'39	21°59	21°24	6°37	3°49	10° 3	22°16	4°48	13°16	23°43	19°D 7	19°55	1°36	20° 6	T 16
F 17	7 58 59	0♒59'25	4♏51	23° 5	7°49	4°36	10°10	22°20	4°51	13°15	23°43	19°R 7	19°52	1°43	20° 7	F 17
S 18	8 2 56	2° 0'09	18° 9	24°46	9° 1	5°23	10°16	22°24	4°54	13°14	23°43	19° 6	19°48	1°50	20° 9	S 18
S 19	8 6 52	3° 0'52	1♐54	26°27	10°14	6°11	10°22	22°28	4°57	13°13	23°43	19° 3	19°45	1°56	20°10	S 19
M20	8 10 49	4° 1'35	16° 9	28°10	11°26	6°58	10°28	22°32	5° 0	13°12	23°44	18°58	19°42	2° 3	20°11	M20
T 21	8 14 45	5° 2'16	0♑52	29°54	12°38	7°46	10°34	22°35	5° 3	13°11	23°44	18°50	19°39	2°10	20°13	T 21
W22	8 18 42	6° 2'56	15°58	1♒38	13°50	8°33	10°40	22°39	5° 6	13°10	23°R44	18°40	19°36	2°17	20°14	W22
T 23	8 22 39	7° 3'34	1♒16	3°23	15° 2	9°21	10°45	22°42	5° 9	13° 9	23°44	18°29	19°33	2°23	20°16	T 23
F 24	8 26 35	8° 4'11	16°37	5° 9	16°14	10° 8	10°51	22°45	5°12	13° 9	23°44	18°18	19°29	2°30	20°18	F 24
S 25	8 30 32	9° 4'46	1♓48	6°56	17°25	10°55	10°56	22°49	5°16	13° 8	23°44	18°10	19°26	2°37	20°19	S 25
S 26	8 34 28	10° 5'19	16°40	8°44	18°37	11°43	11° 1	22°52	5°19	13° 7	23°43	18° 3	19°23	2°43	20°21	S 26
M27	8 38 25	11° 5'50	1♈ 5	10°33	19°49	12°30	11° 6	22°55	5°22	13° 6	23°43	18° 0	19°20	2°50	20°23	M27
T 28	8 42 21	12° 6'20	15° 1	12°22	21° 0	13°18	11°11	22°58	5°25	13° 6	23°43	17°D59	19°17	2°57	20°25	T 28
W29	8 46 18	13° 6'47	28°29	14°13	22°11	14° 5	11°15	23° 1	5°28	13° 5	23°43	17°59	19°14	3° 4	20°27	W29
T 30	8 50 14	14° 7'13	11♉30	16° 4	23°23	14°52	11°19	23° 4	5°32	13° 4	23°43	17°R59	19°10	3°10	20°29	T 30
F 31	8 54 11	15♒ 7'37	24♉ 9	17♒56	24♓34	15♒40	11♏24	23♏ 6	5♓35	13♊ 4	23♎42	17♎59	19♎ 7	3♌17	20♈31	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s47	7n45	0n 9	24s17	0s42	16s57	1s36	22s51	1s 4	13s16	1n 7	16s14	2n 0	10s46	0s45	21n15	1s20	5n57	16n19	8s16	8s 8	15n20	8n38	0n51
T 2	22 40	11 25	0s59	24 24	0 49	16 33	1 35	22 43	1 4	13 18	1 7	16 15	2 0	10 45	0 45	21 15	1 20	5 57	16 20	8 16	8 7	15 19	8 38	0 51
F 3	22 32	14 28	2 2	24 31	0 55	16 8	1 34	22 35	1 4	13 21	1 7	16 17	2 0	10 44	0 45	21 15	1 20	5 58	16 20	8 16	8 6	15 18	8 38	0 51
S 4	22 24	16 47	2 59	24 36	1 1	15 43	1 32	22 27	1 4	13 24	1 7	16 18	2 0	10 43	0 45	21 15	1 20	5 58	16 21	8 14	8 5	15 16	8 38	0 51
S 5	22 16	18 18	3 46	24 39	1 7	15 17	1 31	22 18	1 4	13 26	1 7	16 19	2 0	10 42	0 45	21 15	1 20	5 58	16 21	8 11	8 3	15 15	8 38	0 51
M 6	22 7	18 58	4 22	24 42	1 13	14 51	1 29	22 10	1 5	13 29	1 7	16 20	2 0	10 41	0 45	21 15	1 20	5 58	16 22	8 8	8 2	15 14	8 38	0 51
T 7	21 58	18 46	4 47	24 43	1 18	14 25	1 27	22 1	1 5	13 31	1 8	16 21	2 0	10 40	0 45	21 15	1 20	5 59	16 22	8 3	8 1	15 13	8 38	0 51
W 8	21 49	17 45	4 58	24 42	1 23	13 58	1 26	21 52	1 5	13 33	1 8	16 22	2 0	10 39	0 45	21 14	1 20	5 59	16 23	7 57	8 0	15 11	8 38	0 51
T 9	21 39	15 57	4 57	24 41	1 28	13 31	1 24	21 42	1 5	13 36	1 8	16 23	2 1	10 38	0 45	21 14	1 20	5 59	16 23	7 51	7 59	15 10	8 38	0 50
F 10	21 28	13 30	4 42	24 37	1 33	13 3	1 22	21 32	1 5	13 38	1 8	16 24	2 1	10 37	0 45	21 14	1 20	6 0	16 24	7 46	7 57	15 9	8 39	0 50
S 11	21 17	10 29	4 15	24 33	1 37	12 35	1 20	21 22	1 5	13 40	1 8	16 25	2 1	10 36	0 45	21 14	1 20	6 0	16 24	7 41	7 56	15 8	8 39	0 50
S 12	21 6	7 3	3 37	24 26	1 41	12 7	1 18	21 12	1 5	13 42	1 8	16 26	2 1	10 35	0 44	21 14	1 20	6 0	16 25	7 37	7 55	15 6	8 39	0 50
M13	20 55	3 19	2 49	24 19	1 45	11 39	1 15	21 2	1 5	13 44	1 8	16 27	2 1	10 33	0 44	21 14	1 20	6 1	16 25	7 34	7 54	15 5	8 39	0 50
T 14	20 43	0s36	1 53	24 9	1 48	11 10	1 13	20 51	1 5	13 46	1 9	16 28	2 1	10 32	0 44	21 14	1 20	6 1	16 26	7 33	7 53	15 4	8 40	0 50
W15	20 30	4 33	0 51	23 58	1 52	10 41	1 11	20 40	1 5	13 48	1 9	16 29	2 1	10 31	0 44	21 14	1 20	6 1	16 26	7 32	7 51	15 2	8 40	0 50
T 16	20 17	8 23	0n15	23 46	1 54	10 12	1 8	20 29	1 5	13 50	1 9	16 30	2 1	10 30	0 44	21 14	1 20	6 2	16 27	7 32	7 50	15 1	8 40	0 50
F 17	20 4	11 56	1 22	23 32	1 57	9 43	1 6	20 18	1 5	13 52	1 9	16 31	2 2	10 29	0 44	21 14	1 20	6 2	16 27	7 32	7 49	15 0	8 41	0 49
S 18	19 51	14 59	2 27	23 16	1 59	9 13	1 3	20 6	1 5	13 54	1 9	16 32	2 2	10 28	0 44	21 13	1 19	6 3	16 28	7 32	7 48	14 59	8 41	0 49
S 19	19 37	17 19	3 26	22 58	2 1	8 43	1 1	19 54	1 5	13 56	1 9	16 33	2 2	10 27	0 44	21 13	1 19	6 3	16 29	7 31	7 47	14 57	8 41	0 49
M20	19 23	18 40	4 14	22 39	2 2	8 13	0 58	19 42	1 5	13 58	1 9	16 33	2 2	10 26	0 44	21 13	1 19	6 4	16 29	7 28	7 45	14 56	8 42	0 49
T 21	19 8	18 49	4 47	22 19	2 3	7 43	0 55	19 30	1 5	13 59	1 10	16 34	2 2	10 24	0 44	21 13	1 19	6 4	16 30	7 25	7 44	14 55	8 42	0 49
W22	18 53	17 39	5 1	21 56	2 3	7 12	0 52	19 17	1 5	14 1	1 10	16 35	2 2	10 23	0 44	21 13	1 19	6 5	16 30	7 22	7 43	14 53	8 43	0 49
T 23	18 38	15 13	4 54	21 32	2 4	6 41	0 49	19 5	1 5	14 3	1 10	16 36	2 3	10 22	0 44	21 13	1 19	6 5	16 31	7 17	7 42	14 52	8 43	0 49
F 24	18 22	11 44	4 26	21 6	2 3	6 11	0 46	18 52	1 5	14 4	1 10	16 36	2 3	10 21	0 44	21 13	1 19	6 6	16 31	7 13	7 41	14 51	8 44	0 49
S 25	18 6	7 30	3 39	20 38	2 2	5 40	0 43	18 39	1 5	14 6	1 10	16 37	2 3	10 20	0 44	21 13	1 19	6 6	16 32	7 10	7 39	14 50	8 44	0 48
S 26	17 50	2 52	2 38	20 9	2 1	5 8	0 40	18 26	1 5	14 7	1 10	16 38	2 3	10 19	0 44	21 13	1 19	6 7	16 32	7 8	7 38	14 48	8 45	0 48
M27	17 34	1n47	1 29	19 37	1 59	4 37	0 37	18 12	1 5	14 9	1 10	16 38	2 3	10 17	0 44	21 13	1 19	6 7	16 33	7 6	7 37	14 47	8 45	0 48
T 28	17 17	6 12	0 16	19 4	1 57	4 6	0 33	17 59	1 5	14 10	1 11	16 39	2 3	10 16	0 44	21 13	1 19	6 8	16 33	7 6	7 36	14 46	8 46	0 48
W29	17 0	10 8	0s56	18 30	1 54	3 35	0 30	17 45	1 5	14 11	1 11	16 40	2 3	10 15	0 44	21 13	1 19	6 8	16 34	7 6	7 34	14 44	8 47	0 48
T 30	16 42	13 27	2 2	17 53	1 51	3 3	0 27	17 31	1 5	14 12	1 11	16 40	2 4	10 14	0 44	21 13	1 19	6 9	16 34	7 6	7 33	14 43	8 47	0 48
F 31	16s24	16n 1	3s 0	17s15	1s47	2s32	0s23	17s17	1s 5	14s13	1n11	16s41	2n 4	10s13	0s44	21n13	1s19	6n 9	16n35	7s 6	7s32	14n42	8n48	0n48

Julian Day Number = 1994630.5, Delta T = 53m33s
Ecliptic obliquity = 23°35'54, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'49, Lahiri = 6°25'50 Julian Calendar 1 Jan. 749 == Greg. Calendar 5 Jan. 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

FEBRUARY 749 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 58 8	16♒ 7'58	6♊32	19♒48	25♓45	16♒27	11♏28	23♏ 9	5♓38	13°R 3	23°R42	17°R57	19♎ 4	3♌24	20♈33	S 1
S 2	9 2 4	17° 8'18	18°41	21°41	26°56	17°14	11°32	23°12	5°41	13♊ 2	23♎42	17♎52	19° 1	3°30	20°35	S 2
M 3	9 6 1	18° 8'36	0♋41	23°35	28° 7	18° 2	11°35	23°14	5°45	13° 2	23°41	17°45	18°58	3°37	20°37	M 3
T 4	9 9 57	19° 8'51	12°36	25°29	29°17	18°49	11°39	23°16	5°48	13° 1	23°41	17°36	18°54	3°44	20°39	T 4
W 5	9 13 54	20° 9'05	24°28	27°24	0♈28	19°36	11°42	23°19	5°51	13° 1	23°40	17°25	18°51	3°51	20°42	W 5
T 6	9 17 50	21° 9'16	6♌20	29°18	1°38	20°23	11°45	23°21	5°55	13° 0	23°40	17°13	18°48	3°57	20°44	T 6
F 7	9 21 47	22° 9'26	18°13	1♓12	2°48	21°11	11°48	23°23	5°58	13° 0	23°39	17° 2	18°45	4° 4	20°46	F 7
S 8	9 25 43	23° 9'34	0♍ 9	3° 6	3°59	21°58	11°51	23°25	6° 1	13° 0	23°39	16°53	18°42	4°11	20°49	S 8
S 9	9 29 40	24° 9'39	12° 9	5° 0	5° 9	22°45	11°54	23°27	6° 5	12°59	23°38	16°45	18°39	4°17	20°51	S 9
M10	9 33 36	25° 9'43	24°15	6°52	6°18	23°32	11°56	23°28	6° 8	12°59	23°37	16°40	18°35	4°24	20°54	M10
T 11	9 37 33	26° 9'46	6♎29	8°43	7°28	24°19	11°59	23°30	6°12	12°59	23°37	16°37	18°32	4°31	20°56	T 11
W12	9 41 30	27° 9'46	18°53	10°33	8°38	25° 6	12° 1	23°32	6°15	12°59	23°36	16°D37	18°29	4°38	20°59	W12
T 13	9 45 26	28° 9'45	1♏31	12°20	9°47	25°54	12° 3	23°33	6°18	12°58	23°35	16°38	18°26	4°44	21° 1	T 13
F 14	9 49 23	29° 9'42	14°25	14° 5	10°57	26°41	12° 4	23°35	6°22	12°58	23°35	16°39	18°23	4°51	21° 4	F 14
S 15	9 53 19	0♓ 9'37	27°40	15°46	12° 6	27°28	12° 6	23°36	6°25	12°58	23°34	16°R40	18°20	4°58	21° 7	S 15
S 16	9 57 16	1° 9'31	11♐18	17°24	13°15	28°15	12° 7	23°37	6°29	12°58	23°33	16°39	18°16	5° 4	21°10	S 16
M17	10 1 12	2° 9'23	25°20	18°58	14°24	29° 2	12° 8	23°38	6°32	12°58	23°32	16°37	18°13	5°11	21°12	M17
T 18	10 5 9	3° 9'13	9♑46	20°27	15°32	29°49	12° 9	23°39	6°36	12°D58	23°31	16°33	18°10	5°18	21°15	T 18
W19	10 9 5	4° 9'02	24°34	21°52	16°41	0♓36	12°10	23°40	6°39	12°58	23°30	16°27	18° 7	5°25	21°18	W19
T 20	10 13 2	5° 8'48	9♒36	23°10	17°49	1°23	12°11	23°41	6°42	12°58	23°29	16°21	18° 4	5°31	21°21	T 20
F 21	10 16 59	6° 8'33	24°44	24°23	18°57	2°10	12°11	23°41	6°46	12°58	23°29	16°15	18° 0	5°38	21°24	F 21
S 22	10 20 55	7° 8'16	9♓48	25°29	20° 5	2°57	12°12	23°42	6°49	12°58	23°28	16°10	17°57	5°45	21°27	S 22
S 23	10 24 52	8° 7'56	24°39	26°28	21°13	3°44	12°R12	23°43	6°53	12°58	23°26	16° 6	17°54	5°52	21°30	S 23
M24	10 28 48	9° 7'35	9♈ 8	27°19	22°21	4°30	12°11	23°43	6°56	12°58	23°25	16° 4	17°51	5°58	21°33	M24
T 25	10 32 45	10° 7'11	23°12	28° 4	23°28	5°17	12°11	23°43	7° 0	12°59	23°24	16°D 4	17°48	6° 5	21°36	T 25
W26	10 36 41	11° 6'45	6♉48	28°40	24°36	6° 4	12°11	23°43	7° 3	12°59	23°23	16° 5	17°45	6°12	21°39	W26
T 27	10 40 38	12° 6'16	19°58	29° 9	25°43	6°51	12°10	23°R43	7° 6	12°59	23°22	16° 7	17°41	6°18	21°43	T 27
F 28	10 44 34	13♓ 5'45	2♊43	29♓30	26♈49	7♓38	12♏ 9	23♏43	7♓10	12♊59	23♎21	16♎ 8	17♎38	6♌25	21♈46	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s 6	17n47	3s49	16s36	1s43	2s 0	0s20	17s 2	1s 5	14s15	1n11	16s41	2n 4	10s11	0s44	21n13	1s19	6n10	16n35	7s 5	7s31	14n40	8n49	0n48
S 2	15 48	18 42	4 26	15 54	1 37	1 28	0 16	16 48	1 4	14 16	1 11	16 42	2 4	10 10	0 44	21 13	1 19	6 10	16 36	7 3	7 30	14 39	8 49	0 47
M 3	15 30	18 45	4 51	15 11	1 32	0 57	0 12	16 33	1 4	14 17	1 11	16 42	2 4	10 9	0 44	21 13	1 19	6 11	16 36	7 1	7 28	14 38	8 50	0 47
T 4	15 11	17 58	5 3	14 27	1 25	0 25	0 9	16 18	1 4	14 18	1 12	16 43	2 4	10 8	0 44	21 13	1 19	6 12	16 37	6 57	7 27	14 36	8 51	0 47
W 5	14 52	16 25	5 2	13 41	1 18	0n 7	0 5	16 3	1 4	14 18	1 12	16 43	2 5	10 6	0 44	21 13	1 19	6 12	16 37	6 53	7 26	14 35	8 52	0 47
T 6	14 33	14 10	4 48	12 54	1 11	0 38	0 1	15 48	1 4	14 19	1 12	16 43	2 5	10 5	0 44	21 13	1 19	6 13	16 38	6 48	7 25	14 34	8 52	0 47
F 7	14 13	11 20	4 21	12 6	1 3	1 10	0n 3	15 33	1 4	14 20	1 12	16 44	2 5	10 4	0 44	21 13	1 19	6 14	16 38	6 44	7 24	14 33	8 53	0 47
S 8	13 53	8 1	3 43	11 16	0 54	1 42	0 7	15 17	1 4	14 21	1 12	16 44	2 5	10 3	0 44	21 13	1 18	6 14	16 39	6 40	7 22	14 31	8 54	0 47
S 9	13 33	4 22	2 54	10 26	0 44	2 13	0 11	15 1	1 4	14 21	1 12	16 44	2 5	10 1	0 44	21 13	1 18	6 15	16 39	6 38	7 21	14 30	8 55	0 47
M10	13 13	0 30	1 57	9 35	0 34	2 45	0 15	14 46	1 3	14 22	1 13	16 45	2 5	10 0	0 44	21 13	1 18	6 16	16 40	6 36	7 20	14 29	8 56	0 47
T 11	12 53	3s25	0 54	8 43	0 23	3 16	0 19	14 30	1 3	14 23	1 13	16 45	2 6	9 59	0 44	21 13	1 18	6 16	16 40	6 35	7 19	14 27	8 56	0 46
W12	12 32	7 15	0n12	7 51	0 12	3 47	0 23	14 14	1 3	14 23	1 13	16 45	2 6	9 58	0 44	21 13	1 18	6 17	16 40	6 34	7 17	14 26	8 57	0 46
T 13	12 11	10 50	1 20	6 59	0 0	4 19	0 27	13 58	1 3	14 24	1 13	16 45	2 6	9 56	0 44	21 13	1 18	6 18	16 41	6 35	7 16	14 25	8 58	0 46
F 14	11 51	13 58	2 24	6 7	0n12	4 50	0 31	13 41	1 3	14 24	1 13	16 45	2 6	9 55	0 44	21 13	1 18	6 18	16 41	6 35	7 15	14 23	8 59	0 46
S 15	11 29	16 28	3 23	5 16	0 25	5 21	0 35	13 25	1 3	14 24	1 13	16 46	2 6	9 54	0 44	21 13	1 18	6 19	16 42	6 35	7 14	14 22	9 0	0 46
S 16	11 8	18 7	4 12	4 26	0 38	5 52	0 39	13 8	1 2	14 25	1 14	16 46	2 6	9 52	0 44	21 13	1 18	6 20	16 42	6 35	7 13	14 21	9 1	0 46
M17	10 47	18 43	4 48	3 36	0 51	6 23	0 43	12 52	1 2	14 25	1 14	16 46	2 7	9 51	0 44	21 13	1 18	6 20	16 43	6 34	7 11	14 19	9 2	0 46
T 18	10 25	18 8	5 7	2 49	1 5	6 53	0 48	12 35	1 2	14 25	1 14	16 46	2 7	9 50	0 44	21 13	1 18	6 21	16 43	6 33	7 10	14 18	9 3	0 46
W19	10 3	16 20	5 6	2 3	1 18	7 24	0 52	12 18	1 2	14 25	1 14	16 46	2 7	9 49	0 44	21 13	1 18	6 22	16 44	6 31	7 9	14 17	9 4	0 46
T 20	9 41	13 24	4 44	1 19	1 32	7 54	0 56	12 1	1 2	14 25	1 14	16 46	2 7	9 47	0 44	21 13	1 18	6 22	16 44	6 28	7 8	14 15	9 5	0 45
F 21	9 19	9 33	4 3	0 38	1 45	8 24	1 1	11 44	1 1	14 25	1 14	16 46	2 7	9 46	0 44	21 13	1 18	6 23	16 44	6 26	7 7	14 14	9 6	0 45
S 22	8 57	5 6	3 4	0n 0	1 59	8 54	1 5	11 26	1 1	14 25	1 14	16 46	2 7	9 45	0 44	21 13	1 18	6 24	16 45	6 24	7 5	14 12	9 7	0 45
S 23	8 35	0 24	1 54	0 36	2 11	9 24	1 9	11 9	1 1	14 25	1 15	16 46	2 7	9 43	0 44	21 13	1 18	6 25	16 45	6 22	7 4	14 11	9 8	0 45
M24	8 12	4n13	0 38	1 8	2 24	9 54	1 14	10 52	1 1	14 25	1 15	16 46	2 8	9 42	0 44	21 13	1 18	6 25	16 45	6 22	7 3	14 10	9 9	0 45
T 25	7 49	8 28	0s39	1 36	2 35	10 23	1 18	10 34	1 0	14 24	1 15	16 46	2 8	9 41	0 44	21 13	1 18	6 26	16 46	6 22	7 2	14 8	9 10	0 45
W26	7 27	12 8	1 51	2 1	2 46	10 52	1 22	10 17	1 0	14 24	1 15	16 46	2 8	9 40	0 44	21 14	1 18	6 27	16 46	6 22	7 0	14 7	9 11	0 45
T 27	7 4	15 3	2 54	2 21	2 56	11 21	1 27	9 59	1 0	14 24	1 15	16 46	2 8	9 38	0 44	21 14	1 17	6 27	16 47	6 23	6 59	14 6	9 12	0 45
F 28	6s41	17n 7	3s47	2n38	3n 6	11n49	1n31	9s41	1s 0	14s23	1n15	16s45	2n 8	9s37	0s44	21n14	1s17	6n28	16n47	6s23	6s58	14n 4	9n14	0n45

Julian Day Number = 1994661.5, Delta T = 53m32s
Ecliptic obliquity = 23°35'55, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'53, Lahiri = 6°25'54 Julian Calendar 1 Feb. 749 == Greg. Calendar 5 Feb. 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

MARCH 749 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 48 31	14♓ 5'12	15♊ 9	29♓42	27♈56	8♓24	12°R 8	23°R43	7♓13	13♊ 0	23°R20	16°R 9	17♎35	6♌32	21♈49	S 1
S 2	10 52 28	15° 4'37	27°20	29°R47	29° 2	9°11	12♏ 7	23♏43	7°17	13° 0	23♎19	16♎ 8	17°32	6°39	21°52	S 2
M 3	10 56 24	16° 3'59	9♋20	29°44	0♉ 9	9°57	12° 5	23°43	7°20	13° 1	23°17	16° 6	17°29	6°45	21°56	M 3
T 4	11 0 21	17° 3'19	21°14	29°34	1°15	10°44	12° 3	23°42	7°24	13° 1	23°16	16° 2	17°25	6°52	21°59	T 4
W 5	11 4 17	18° 2'36	3♌ 5	29°17	2°20	11°31	12° 2	23°42	7°27	13° 2	23°15	15°58	17°22	6°59	22° 2	W 5
T 6	11 8 14	19° 1'51	14°57	28°53	3°26	12°17	12° 0	23°41	7°30	13° 2	23°14	15°53	17°19	7° 5	22° 6	T 6
F 7	11 12 10	20° 1'04	26°53	28°22	4°31	13° 4	11°57	23°41	7°34	13° 3	23°12	15°49	17°16	7°12	22° 9	F 7
S 8	11 16 7	21° 0'15	8♍55	27°47	5°36	13°50	11°55	23°40	7°37	13° 3	23°11	15°45	17°13	7°19	22°13	S 8
S 9	11 20 3	21°59'23	21° 4	27° 7	6°41	14°37	11°52	23°39	7°40	13° 4	23°10	15°42	17°10	7°26	22°16	S 9
M10	11 24 0	22°58'30	3♎23	26°24	7°45	15°23	11°50	23°38	7°44	13° 4	23° 8	15°40	17° 6	7°32	22°20	M10
T 11	11 27 56	23°57'34	15°52	25°38	8°49	16° 9	11°47	23°37	7°47	13° 5	23° 7	15°D39	17° 3	7°39	22°23	T 11
W12	11 31 53	24°56'36	28°33	24°50	9°53	16°56	11°44	23°36	7°50	13° 6	23° 5	15°40	17° 0	7°46	22°27	W12
T 13	11 35 50	25°55'37	11♏26	24° 1	10°57	17°42	11°40	23°34	7°54	13° 7	23° 4	15°41	16°57	7°52	22°30	T 13
F 14	11 39 46	26°54'35	24°34	23°13	12° 0	18°28	11°37	23°33	7°57	13° 7	23° 2	15°42	16°54	7°59	22°34	F 14
S 15	11 43 43	27°53'32	7♐57	22°25	13° 3	19°14	11°33	23°31	8° 0	13° 8	23° 1	15°44	16°51	8° 6	22°37	S 15
S 16	11 47 39	28°52'27	21°37	21°40	14° 6	20° 0	11°30	23°30	8° 4	13° 9	22°59	15°44	16°47	8°13	22°41	S 16
M17	11 51 36	29°51'20	5♑34	20°57	15° 8	20°46	11°26	23°28	8° 7	13°10	22°58	15°R45	16°44	8°19	22°45	M17
T 18	11 55 32	0♈50'12	19°47	20°18	16°10	21°33	11°22	23°26	8°10	13°11	22°56	15°44	16°41	8°26	22°48	T 18
W19	11 59 29	1°49'01	4♒15	19°43	17°12	22°19	11°17	23°25	8°13	13°12	22°55	15°43	16°38	8°33	22°52	W19
T 20	12 3 25	2°47'49	18°53	19°12	18°13	23° 5	11°13	23°23	8°17	13°13	22°53	15°41	16°35	8°39	22°56	T 20
F 21	12 7 22	3°46'35	3♓36	18°46	19°14	23°51	11° 8	23°21	8°20	13°14	22°52	15°40	16°31	8°46	23° 0	F 21
S 22	12 11 19	4°45'19	18°17	18°24	20°14	24°36	11° 4	23°19	8°23	13°15	22°50	15°38	16°28	8°53	23° 3	S 22
S 23	12 15 15	5°44'01	2♈50	18° 8	21°15	25°22	10°59	23°16	8°26	13°16	22°49	15°38	16°25	8°59	23° 7	S 23
M24	12 19 12	6°42'42	17° 8	17°57	22°15	26° 8	10°54	23°14	8°29	13°17	22°47	15°D37	16°22	9° 6	23°11	M24
T 25	12 23 8	7°41'20	1♉ 6	17°52	23°14	26°54	10°48	23°12	8°32	13°18	22°45	15°38	16°19	9°13	23°15	T 25
W26	12 27 5	8°39'56	14°42	17°D51	24°13	27°40	10°43	23° 9	8°35	13°19	22°44	15°38	16°16	9°20	23°19	W26
T 27	12 31 1	9°38'30	27°55	17°56	25°11	28°25	10°38	23° 7	8°38	13°20	22°42	15°39	16°12	9°26	23°22	T 27
F 28	12 34 58	10°37'01	10♊45	18° 5	26°10	29°11	10°32	23° 4	8°41	13°21	22°41	15°39	16° 9	9°33	23°26	F 28
S 29	12 38 54	11°35'31	23°15	18°20	27° 7	29°57	10°26	23° 1	8°44	13°23	22°39	15°40	16° 6	9°40	23°30	S 29
S 30	12 42 51	12°33'58	5♋29	18°39	28° 4	0♈42	10°20	22°59	8°47	13°24	22°37	15°40	16° 3	9°46	23°34	S 30
M31	12 46 48	13♈32'24	17♋31	19♓ 3	29♉ 1	1♈28	10♏14	22♏56	8♓50	13♊25	22♎36	15°R40	16♎ 0	9♌53	23♈38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s18	18n19	4s28	2n50	3n13	12n18	1n36	9s23	0s59	14s23	1n15	16s45	2n 8	9s36	0s44	21n14	1s17	6n29	16n47	6s24	6s57	14n 3	9n15	0n45
S 2	5 55	18 38	4 56	2 58	3 20	12 46	1 40	9 5	0 59	14 22	1 16	16 45	2 9	9 35	0 44	21 14	1 17	6 30	16 48	6 23	6 56	14 2	9 16	0 44
M 3	5 32	18 6	5 10	3 2	3 25	13 13	1 44	8 48	0 59	14 22	1 16	16 45	2 9	9 33	0 44	21 14	1 17	6 30	16 48	6 22	6 54	14 0	9 17	0 44
T 4	5 9	16 47	5 11	3 1	3 29	13 41	1 49	8 29	0 59	14 21	1 16	16 45	2 9	9 32	0 44	21 14	1 17	6 31	16 48	6 21	6 53	13 59	9 18	0 44
W 5	4 45	14 45	4 59	2 56	3 31	14 8	1 53	8 11	0 58	14 20	1 16	16 44	2 9	9 31	0 44	21 14	1 17	6 32	16 49	6 19	6 52	13 57	9 19	0 44
T 6	4 22	12 6	4 34	2 47	3 32	14 35	1 57	7 53	0 58	14 20	1 16	16 44	2 9	9 29	0 44	21 14	1 17	6 33	16 49	6 17	6 51	13 56	9 20	0 44
F 7	3 59	8 56	3 56	2 34	3 31	15 1	2 2	7 35	0 58	14 19	1 16	16 44	2 9	9 28	0 44	21 14	1 17	6 33	16 49	6 16	6 49	13 55	9 22	0 44
S 8	3 35	5 22	3 8	2 17	3 28	15 27	2 6	7 17	0 57	14 18	1 16	16 43	2 10	9 27	0 44	21 15	1 17	6 34	16 49	6 14	6 48	13 53	9 23	0 44
S 9	3 12	1 33	2 11	1 57	3 23	15 53	2 10	6 58	0 57	14 17	1 17	16 43	2 10	9 26	0 44	21 15	1 17	6 35	16 50	6 13	6 47	13 52	9 24	0 44
M10	2 48	2s23	1 7	1 34	3 17	16 19	2 15	6 40	0 57	14 16	1 17	16 43	2 10	9 24	0 44	21 15	1 17	6 36	16 50	6 12	6 46	13 51	9 25	0 44
T 11	2 25	6 16	0n 1	1 8	3 9	16 44	2 19	6 22	0 56	14 15	1 17	16 42	2 10	9 23	0 44	21 15	1 17	6 36	16 50	6 12	6 45	13 49	9 27	0 44
W12	2 1	9 56	1 11	0 41	2 59	17 8	2 23	6 3	0 56	14 14	1 17	16 42	2 10	9 22	0 44	21 15	1 17	6 37	16 51	6 12	6 43	13 48	9 28	0 44
T 13	1 38	13 11	2 17	0 11	2 48	17 32	2 27	5 45	0 56	14 13	1 17	16 41	2 10	9 21	0 44	21 15	1 17	6 38	16 51	6 13	6 42	13 46	9 29	0 43
F 14	1 14	15 50	3 19	0s19	2 36	17 56	2 32	5 26	0 55	14 12	1 17	16 41	2 10	9 19	0 44	21 15	1 17	6 39	16 51	6 13	6 41	13 45	9 30	0 43
S 15	0 51	17 40	4 10	0 50	2 23	18 20	2 36	5 8	0 55	14 11	1 17	16 40	2 11	9 18	0 44	21 16	1 17	6 39	16 51	6 14	6 40	13 44	9 32	0 43
S 16	0 27	18 32	4 49	1 22	2 9	18 43	2 40	4 49	0 55	14 9	1 17	16 40	2 11	9 17	0 44	21 16	1 17	6 40	16 51	6 14	6 38	13 42	9 33	0 43
M17	0 3	18 18	5 11	1 52	1 54	19 5	2 44	4 30	0 54	14 8	1 18	16 39	2 11	9 16	0 44	21 16	1 17	6 41	16 52	6 14	6 37	13 41	9 34	0 43
T 18	0n20	16 56	5 15	2 22	1 38	19 28	2 48	4 12	0 54	14 7	1 18	16 39	2 11	9 15	0 44	21 16	1 16	6 41	16 52	6 14	6 36	13 39	9 35	0 43
W19	0 44	14 28	5 0	2 51	1 22	19 49	2 52	3 53	0 53	14 5	1 18	16 38	2 11	9 13	0 44	21 16	1 16	6 42	16 52	6 13	6 35	13 38	9 37	0 43
T 20	1 7	11 4	4 25	3 18	1 6	20 11	2 56	3 35	0 53	14 4	1 18	16 37	2 11	9 12	0 44	21 16	1 16	6 43	16 52	6 13	6 34	13 37	9 38	0 43
F 21	1 31	6 57	3 32	3 43	0 50	20 31	2 59	3 16	0 53	14 2	1 18	16 37	2 11	9 11	0 44	21 17	1 16	6 44	16 52	6 12	6 32	13 35	9 39	0 43
S 22	1 54	2 26	2 26	4 6	0 34	20 52	3 3	2 57	0 52	14 1	1 18	16 36	2 12	9 10	0 44	21 17	1 16	6 44	16 53	6 12	6 31	13 34	9 41	0 43
S 23	2 18	2n12	1 10	4 27	0 18	21 12	3 7	2 39	0 52	13 59	1 18	16 35	2 12	9 9	0 44	21 17	1 16	6 45	16 53	6 11	6 30	13 32	9 42	0 43
M24	2 41	6 39	0s 8	4 45	0 2	21 31	3 10	2 20	0 51	13 57	1 18	16 35	2 12	9 8	0 44	21 17	1 16	6 46	16 53	6 11	6 29	13 31	9 43	0 42
T 25	3 4	10 37	1 25	5 1	0s13	21 50	3 14	2 1	0 51	13 56	1 18	16 34	2 12	9 6	0 44	21 17	1 16	6 46	16 53	6 11	6 27	13 30	9 45	0 42
W26	3 27	13 54	2 34	5 15	0 27	22 8	3 17	1 43	0 51	13 54	1 18	16 33	2 12	9 5	0 44	21 17	1 16	6 47	16 53	6 12	6 26	13 28	9 46	0 42
T 27	3 51	16 21	3 34	5 26	0 41	22 26	3 21	1 24	0 50	13 52	1 18	16 33	2 12	9 4	0 44	21 18	1 16	6 48	16 53	6 12	6 25	13 27	9 47	0 42
F 28	4 14	17 55	4 20	5 35	0 55	22 43	3 24	1 5	0 50	13 50	1 18	16 32	2 12	9 3	0 44	21 18	1 16	6 48	16 53	6 12	6 24	13 25	9 49	0 42
S 29	4 37	18 32	4 53	5 40	1 7	23 0	3 27	0 47	0 49	13 48	1 18	16 31	2 12	9 2	0 44	21 18	1 16	6 49	16 53	6 12	6 22	13 24	9 50	0 42
S 30	5 0	18 17	5 12	5 44	1 19	23 17	3 30	0 28	0 49	13 47	1 19	16 30	2 12	9 1	0 44	21 18	1 16	6 50	16 53	6 12	6 21	13 23	9 52	0 42
M31	5n23	17n12	5s17	5s45	1s31	23n33	3n34	0s 9	0s48	13s45	1n19	16s29	2n13	9s 0	0s44	21n18	1s16	6n50	16n54	6s12	6s20	13n21	9n53	0n42

Julian Day Number = 1994689.5, Delta T = 53m31s
Ecliptic obliquity = 23°35'55, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°18'57, Lahiri = 6°25'58 Julian Calendar 1 March 749 == Greg. Calendar 5 March 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

APRIL 749 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 50 44	14♈30'47	29♋26	19♓31	29♉57	2♈13	10°R 8	22°R53	8♓53	13♊27	22°R34	15°R40	15♎56	10♌ 0	23♈42	T 1
W 2	12 54 41	15°29'07	11♌18	20° 3	0♊53	2°59	10♏ 2	22♏50	8°56	13°28	22♎32	15°D40	15°53	10° 7	23°46	W 2
T 3	12 58 37	16°27'26	23°12	20°40	1°48	3°44	9°56	22°47	8°59	13°29	22°31	15♎40	15°50	10°13	23°49	T 3
F 4	13 2 34	17°25'43	5♍10	21°20	2°42	4°29	9°49	22°44	9° 2	13°31	22°29	15°40	15°47	10°20	23°53	F 4
S 5	13 6 30	18°23'57	17°18	22° 4	3°36	5°14	9°43	22°41	9° 5	13°32	22°27	15°40	15°44	10°27	23°57	S 5
S 6	13 10 27	19°22'10	29°37	22°51	4°29	6° 0	9°36	22°37	9° 8	13°33	22°25	15°41	15°41	10°33	24° 1	S 6
M 7	13 14 23	20°20'20	12♎10	23°42	5°22	6°45	9°29	22°34	9°11	13°35	22°24	15°R41	15°37	10°40	24° 5	M 7
T 8	13 18 20	21°18'29	24°57	24°36	6°14	7°30	9°22	22°31	9°13	13°36	22°22	15°41	15°34	10°47	24° 9	T 8
W 9	13 22 16	22°16'36	7♏59	25°33	7° 5	8°15	9°15	22°27	9°16	13°38	22°20	15°40	15°31	10°54	24°13	W 9
T 10	13 26 13	23°14'41	21°16	26°33	7°56	9° 0	9° 8	22°24	9°19	13°39	22°19	15°40	15°28	11° 0	24°17	T 10
F 11	13 30 10	24°12'45	4♐47	27°37	8°46	9°45	9° 1	22°20	9°21	13°41	22°17	15°39	15°25	11° 7	24°21	F 11
S 12	13 34 6	25°10'48	18°30	28°42	9°35	10°30	8°54	22°16	9°24	13°43	22°15	15°38	15°22	11°14	24°25	S 12
S 13	13 38 3	26° 8'49	2♑24	29°51	10°23	11°15	8°47	22°13	9°27	13°44	22°14	15°37	15°18	11°20	24°29	S 13
M14	13 41 59	27° 6'48	16°27	1♈ 2	11°11	12° 0	8°40	22° 9	9°29	13°46	22°12	15°36	15°15	11°27	24°32	M14
T 15	13 45 56	28° 4'46	0♒37	2°16	11°57	12°44	8°32	22° 5	9°32	13°48	22°10	15°D36	15°12	11°34	24°36	T 15
W16	13 49 52	29° 2'43	14°52	3°32	12°43	13°29	8°25	22° 1	9°34	13°49	22° 9	15°36	15° 9	11°41	24°40	W16
T 17	13 53 49	0♉ 0'38	29° 9	4°50	13°28	14°14	8°17	21°57	9°37	13°51	22° 7	15°37	15° 6	11°47	24°44	T 17
F 18	13 57 45	0°58'33	13♓26	6°11	14°12	14°58	8°10	21°53	9°39	13°53	22° 5	15°38	15° 2	11°54	24°48	F 18
S 19	14 1 42	1°56'25	27°40	7°34	14°55	15°43	8° 2	21°49	9°42	13°54	22° 4	15°39	14°59	12° 1	24°52	S 19
S 20	14 5 39	2°54'17	11♈46	8°59	15°37	16°27	7°55	21°45	9°44	13°56	22° 2	15°R40	14°56	12° 7	24°56	S 20
M21	14 9 35	3°52'06	25°41	10°27	16°18	17°12	7°47	21°41	9°46	13°58	22° 0	15°39	14°53	12°14	25° 0	M21
T 22	14 13 32	4°49'55	9♉21	11°57	16°58	17°56	7°40	21°37	9°49	14° 0	21°59	15°38	14°50	12°21	25° 4	T 22
W23	14 17 28	5°47'42	22°46	13°29	17°37	18°41	7°32	21°33	9°51	14° 2	21°57	15°36	14°47	12°27	25° 8	W23
T 24	14 21 25	6°45'28	5♊52	15° 3	18°14	19°25	7°24	21°29	9°53	14° 3	21°55	15°33	14°43	12°34	25°12	T 24
F 25	14 25 21	7°43'12	18°39	16°40	18°51	20° 9	7°17	21°25	9°55	14° 5	21°54	15°30	14°40	12°41	25°15	F 25
S 26	14 29 18	8°40'54	1♋ 9	18°18	19°26	20°53	7° 9	21°20	9°58	14° 7	21°52	15°27	14°37	12°48	25°19	S 26
S 27	14 33 14	9°38'35	13°24	19°59	20° 0	21°37	7° 1	21°16	10° 0	14° 9	21°51	15°24	14°34	12°54	25°23	S 27
M28	14 37 11	10°36'14	25°27	21°42	20°32	22°22	6°54	21°12	10° 2	14°11	21°49	15°22	14°31	13° 1	25°27	M28
T 29	14 41 8	11°33'52	7♌23	23°27	21° 3	23° 6	6°46	21° 7	10° 4	14°13	21°47	15°D21	14°28	13° 8	25°31	T 29
W30	14 45 4	12♉31'28	19♌15	25♈14	21♊33	23♈50	6♏39	21♏ 3	10♓ 6	14♊15	21♎46	15♎21	14♎24	13♌14	25♈35	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n45	15n23	5s 8	5s44	1s41	23n48	3n36	0n 9	0s48	13s43	1n19	16s29	2n13	8s58	0s44	21n19	1s16	6n51	16n54	6s12	6s19	13n20	9n54	0n42
W 2	6 8	12 55	4 46	5 40	1 51	24 3	3 39	0 28	0 48	13 41	1 19	16 28	2 13	8 57	0 44	21 19	1 16	6 52	16 54	6 12	6 18	13 18	9 56	0 42
T 3	6 31	9 55	4 12	5 34	2 0	24 17	3 42	0 46	0 47	13 39	1 19	16 27	2 13	8 56	0 44	21 19	1 16	6 52	16 54	6 12	6 16	13 17	9 57	0 42
F 4	6 53	6 29	3 26	5 26	2 9	24 31	3 45	1 5	0 47	13 37	1 19	16 26	2 13	8 55	0 44	21 19	1 16	6 53	16 54	6 12	6 15	13 15	9 58	0 42
S 5	7 16	2 44	2 31	5 15	2 16	24 44	3 47	1 23	0 46	13 34	1 19	16 25	2 13	8 54	0 44	21 19	1 16	6 54	16 54	6 12	6 14	13 14	10 0	0 41
S 6	7 38	1s11	1 28	5 3	2 23	24 56	3 49	1 42	0 46	13 32	1 19	16 24	2 13	8 53	0 44	21 20	1 16	6 54	16 54	6 13	6 13	13 13	10 1	0 41
M 7	8 0	5 8	0 19	4 48	2 30	25 8	3 52	2 0	0 45	13 30	1 19	16 23	2 13	8 52	0 45	21 20	1 16	6 55	16 54	6 13	6 11	13 11	10 3	0 41
T 8	8 22	8 56	0n51	4 32	2 35	25 20	3 54	2 19	0 45	13 28	1 19	16 22	2 13	8 51	0 45	21 20	1 16	6 55	16 54	6 13	6 10	13 10	10 4	0 41
W 9	8 44	12 22	2 1	4 13	2 40	25 31	3 56	2 37	0 44	13 26	1 19	16 21	2 13	8 50	0 45	21 20	1 15	6 56	16 54	6 12	6 9	13 8	10 5	0 41
T 10	9 5	15 14	3 5	3 53	2 44	25 41	3 58	2 55	0 44	13 24	1 19	16 20	2 13	8 49	0 45	21 21	1 15	6 57	16 54	6 12	6 8	13 7	10 7	0 41
F 11	9 27	17 18	4 0	3 31	2 48	25 51	3 59	3 14	0 43	13 21	1 19	16 19	2 13	8 48	0 45	21 21	1 15	6 57	16 54	6 12	6 6	13 5	10 8	0 41
S 12	9 48	18 25	4 42	3 7	2 50	26 0	4 1	3 32	0 43	13 19	1 19	16 18	2 14	8 47	0 45	21 21	1 15	6 58	16 54	6 11	6 5	13 4	10 9	0 41
S 13	10 10	18 26	5 8	2 42	2 53	26 9	4 2	3 50	0 42	13 17	1 19	16 17	2 14	8 46	0 45	21 21	1 15	6 58	16 54	6 11	6 4	13 3	10 11	0 41
M14	10 31	17 21	5 16	2 15	2 54	26 17	4 3	4 8	0 42	13 14	1 19	16 16	2 14	8 45	0 45	21 22	1 15	6 59	16 53	6 11	6 3	13 1	10 12	0 41
T 15	10 52	15 11	5 6	1 46	2 55	26 25	4 5	4 26	0 41	13 12	1 19	16 15	2 14	8 44	0 45	21 22	1 15	6 59	16 53	6 11	6 1	13 0	10 14	0 41
W16	11 12	12 5	4 36	1 16	2 55	26 32	4 5	4 44	0 41	13 10	1 19	16 14	2 14	8 43	0 45	21 22	1 15	7 0	16 53	6 11	6 0	12 58	10 15	0 41
T 17	11 33	8 15	3 50	0 44	2 55	26 38	4 6	5 2	0 40	13 7	1 19	16 13	2 14	8 42	0 45	21 22	1 15	7 0	16 53	6 11	5 59	12 57	10 16	0 41
F 18	11 53	3 57	2 49	0 11	2 54	26 44	4 7	5 20	0 40	13 5	1 19	16 12	2 14	8 42	0 45	21 22	1 15	7 1	16 53	6 12	5 58	12 55	10 18	0 41
S 19	12 14	0n34	1 38	0n23	2 52	26 50	4 7	5 37	0 39	13 3	1 19	16 11	2 14	8 41	0 45	21 23	1 15	7 1	16 53	6 12	5 57	12 54	10 19	0 40
S 20	12 34	5 1	0 22	0 59	2 50	26 54	4 7	5 55	0 39	13 0	1 19	16 10	2 14	8 40	0 45	21 23	1 15	7 2	16 53	6 12	5 55	12 52	10 20	0 40
M21	12 53	9 8	0s55	1 36	2 47	26 59	4 7	6 13	0 38	12 58	1 18	16 9	2 14	8 39	0 45	21 23	1 15	7 2	16 53	6 12	5 54	12 51	10 22	0 40
T 22	13 13	12 42	2 7	2 15	2 44	27 3	4 6	6 30	0 38	12 55	1 18	16 8	2 14	8 38	0 45	21 23	1 15	7 3	16 52	6 12	5 53	12 50	10 23	0 40
W23	13 32	15 31	3 10	2 54	2 40	27 6	4 6	6 48	0 37	12 53	1 18	16 7	2 14	8 37	0 45	21 24	1 15	7 3	16 52	6 11	5 52	12 48	10 25	0 40
T 24	13 52	17 27	4 2	3 35	2 35	27 9	4 5	7 5	0 36	12 51	1 18	16 6	2 14	8 36	0 45	21 24	1 15	7 3	16 52	6 10	5 50	12 47	10 26	0 40
F 25	14 11	18 27	4 41	4 17	2 30	27 11	4 4	7 22	0 36	12 48	1 18	16 5	2 14	8 36	0 45	21 24	1 15	7 4	16 52	6 8	5 49	12 45	10 27	0 40
S 26	14 29	18 31	5 5	4 59	2 25	27 12	4 3	7 40	0 35	12 46	1 18	16 4	2 14	8 35	0 45	21 24	1 15	7 4	16 52	6 7	5 48	12 44	10 29	0 40
S 27	14 48	17 43	5 14	5 43	2 19	27 14	4 1	7 57	0 35	12 43	1 18	16 2	2 14	8 34	0 45	21 25	1 15	7 5	16 52	6 6	5 47	12 42	10 30	0 40
M28	15 6	16 7	5 9	6 28	2 12	27 14	3 59	8 14	0 34	12 41	1 18	16 1	2 14	8 33	0 45	21 25	1 15	7 5	16 51	6 5	5 45	12 41	10 31	0 40
T 29	15 24	13 51	4 51	7 14	2 5	27 14	3 57	8 31	0 34	12 38	1 18	16 0	2 14	8 32	0 45	21 25	1 15	7 5	16 51	6 5	5 44	12 39	10 33	0 40
W30	15n42	11n 1	4s21	8n 0	1s57	27n14	3n55	8n48	0s33	12s36	1n18	15s59	2n14	8s32	0s45	21n26	1s15	7n 6	16n51	6s 5	5s43	12n38	10n34	0n40

Julian Day Number = 1994720.5, Delta T = 53m31s
Ecliptic obliquity = 23°35'55, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°19'01, Lahiri = 6°26'02 Julian Calendar 1 Apr. 749 == Greg. Calendar 5 Apr. 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

MAY 749 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 49 1	13♉29'02	1♍ 9	27♈ 3	22♊ 1	24♈33	6°R31	20°R59	10♓ 8	14♊17	21°R44	15♎22	14♎21	13♌21	25♈38	T 1
F 2	14 52 57	14°26'35	13° 9	28°54	22°27	25°17	6♏24	20♏54	10°10	14°19	21♎43	15°24	14°18	13°28	25°42	F 2
S 3	14 56 54	15°24'06	25°20	0♉48	22°52	26° 1	6°16	20°50	10°12	14°21	21°41	15°25	14°15	13°35	25°46	S 3
S 4	15 0 50	16°21'37	7♎46	2°44	23°15	26°45	6° 9	20°46	10°13	14°23	21°40	15°26	14°12	13°41	25°50	S 4
M 5	15 4 47	17°19'05	20°29	4°41	23°36	27°29	6° 1	20°41	10°15	14°25	21°38	15°R27	14° 8	13°48	25°53	M 5
T 6	15 8 43	18°16'33	3♏32	6°41	23°56	28°12	5°54	20°37	10°17	14°27	21°37	15°25	14° 5	13°55	25°57	T 6
W 7	15 12 40	19°13'59	16°56	8°42	24°13	28°56	5°47	20°32	10°19	14°29	21°35	15°22	14° 2	14° 1	26° 1	W 7
T 8	15 16 37	20°11'24	0♐38	10°46	24°29	29°39	5°39	20°28	10°20	14°31	21°34	15°18	13°59	14° 8	26° 4	T 8
F 9	15 20 33	21° 8'49	14°36	12°51	24°42	0♑23	5°32	20°24	10°22	14°33	21°33	15°13	13°56	14°15	26° 8	F 9
S 10	15 24 30	22° 6'12	28°45	14°58	24°54	1° 6	5°25	20°19	10°23	14°35	21°31	15° 7	13°53	14°21	26°12	S 10
S 11	15 28 26	23° 3'35	13♑ 3	17° 6	25° 3	1°49	5°18	20°15	10°25	14°37	21°30	15° 2	13°49	14°28	26°15	S 11
M12	15 32 23	24° 0'57	27°22	19°15	25°10	2°33	5°11	20°10	10°27	14°39	21°28	14°58	13°46	14°35	26°19	M12
T 13	15 36 19	24°58'18	11♒40	21°25	25°15	3°16	5° 4	20° 6	10°28	14°41	21°27	14°56	13°43	14°42	26°23	T 13
W14	15 40 16	25°55'39	25°54	23°36	25°18	3°59	4°58	20° 1	10°29	14°44	21°26	14°D55	13°40	14°48	26°26	W14
T 15	15 44 12	26°52'59	10♓ 1	25°48	25°R19	4°42	4°51	19°57	10°31	14°46	21°24	14°56	13°37	14°55	26°30	T 15
F 16	15 48 9	27°50'18	23°59	28° 0	25°17	5°25	4°44	19°53	10°32	14°48	21°23	14°57	13°33	15° 2	26°33	F 16
S 17	15 52 6	28°47'37	7♈49	0♊12	25°13	6° 8	4°38	19°48	10°33	14°50	21°22	14°58	13°30	15° 8	26°37	S 17
S 18	15 56 2	29°44'56	21°29	2°24	25° 6	6°51	4°32	19°44	10°35	14°52	21°21	14°R58	13°27	15°15	26°40	S 18
M19	15 59 59	0♊42'13	4♉58	4°35	24°57	7°34	4°25	19°40	10°36	14°54	21°19	14°56	13°24	15°22	26°43	M19
T 20	16 3 55	1°39'31	18°16	6°45	24°46	8°17	4°19	19°35	10°37	14°57	21°18	14°53	13°21	15°29	26°47	T 20
W21	16 7 52	2°36'47	1♊21	8°54	24°32	9° 0	4°13	19°31	10°38	14°59	21°17	14°47	13°18	15°35	26°50	W21
T 22	16 11 48	3°34'04	14°13	11° 2	24°16	9°43	4° 7	19°27	10°39	15° 1	21°16	14°39	13°14	15°42	26°54	T 22
F 23	16 15 45	4°31'19	26°50	13° 8	23°58	10°25	4° 2	19°23	10°40	15° 3	21°15	14°30	13°11	15°49	26°57	F 23
S 24	16 19 41	5°28'34	9♋14	15°13	23°37	11° 8	3°56	19°19	10°41	15° 5	21°14	14°21	13° 8	15°55	27° 0	S 24
S 25	16 23 38	6°25'48	21°25	17°16	23°14	11°51	3°51	19°14	10°42	15° 8	21°13	14°13	13° 5	16° 2	27° 3	S 25
M26	16 27 35	7°23'01	3♌26	19°18	22°49	12°33	3°45	19°10	10°43	15°10	21°12	14° 6	13° 2	16° 9	27° 7	M26
T 27	16 31 31	8°20'14	15°20	21°17	22°22	13°16	3°40	19° 6	10°44	15°12	21°11	14° 1	12°59	16°15	27°10	T 27
W28	16 35 28	9°17'26	27°11	23°14	21°53	13°58	3°35	19° 2	10°44	15°14	21°10	13°58	12°55	16°22	27°13	W28
T 29	16 39 24	10°14'37	9♍ 4	25° 9	21°22	14°40	3°30	18°58	10°45	15°17	21° 9	13°D58	12°52	16°29	27°16	T 29
F 30	16 43 21	11°11'47	21° 3	27° 2	20°50	15°23	3°25	18°54	10°46	15°19	21° 8	13°58	12°49	16°36	27°19	F 30
S 31	16 47 17	12♊ 8'57	3♎14	28♊53	20♊16	16♉ 5	3♏21	18♏50	10♓46	15♊21	21♎ 7	13♎59	12♎46	16♌42	27♈22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n59	7n43	3s39	8n47	1s49	27n13	3n52	9n 4	0s33	12s34	1n18	15s58	2n14	8s31	0s45	21n26	1s15	7n 6	16n51	6s 5	5s42	12n36	10n35	0n40
F 2	16 17	4 5	2 48	9 35	1 41	27 12	3 49	9 21	0 32	12 31	1 17	15 57	2 14	8 30	0 45	21 26	1 15	7 6	16 50	6 6	5 40	12 35	10 37	0 40
S 3	16 34	0 13	1 48	10 24	1 32	27 10	3 46	9 38	0 31	12 29	1 17	15 56	2 14	8 30	0 45	21 26	1 15	7 7	16 50	6 7	5 39	12 33	10 38	0 40
S 4	16 50	3s44	0 42	11 12	1 23	27 7	3 42	9 54	0 31	12 27	1 17	15 55	2 14	8 29	0 45	21 27	1 15	7 7	16 50	6 7	5 38	12 32	10 39	0 39
M 5	17 7	7 38	0n28	12 1	1 13	27 4	3 38	10 10	0 30	12 24	1 17	15 54	2 14	8 28	0 45	21 27	1 15	7 7	16 50	6 7	5 37	12 30	10 41	0 39
T 6	17 23	11 15	1 37	12 50	1 3	27 1	3 34	10 27	0 30	12 22	1 17	15 52	2 14	8 28	0 45	21 27	1 15	7 7	16 49	6 7	5 36	12 29	10 42	0 39
W 7	17 39	14 24	2 43	13 40	0 53	26 57	3 29	10 43	0 29	12 20	1 17	15 51	2 14	8 27	0 45	21 27	1 15	7 8	16 49	6 6	5 34	12 28	10 43	0 39
T 8	17 55	16 48	3 42	14 29	0 43	26 52	3 24	10 59	0 28	12 17	1 17	15 50	2 14	8 26	0 45	21 28	1 14	7 8	16 49	6 4	5 33	12 26	10 45	0 39
F 9	18 10	18 16	4 28	15 17	0 32	26 47	3 18	11 15	0 28	12 15	1 16	15 49	2 14	8 26	0 45	21 28	1 14	7 8	16 48	6 2	5 32	12 25	10 46	0 39
S 10	18 25	18 38	4 58	16 6	0 21	26 42	3 12	11 31	0 27	12 13	1 16	15 48	2 14	8 25	0 46	21 28	1 14	7 8	16 48	6 0	5 31	12 23	10 47	0 39
S 11	18 40	17 48	5 10	16 53	0 11	26 36	3 6	11 46	0 27	12 11	1 16	15 47	2 14	8 25	0 46	21 28	1 14	7 9	16 48	5 58	5 29	12 22	10 48	0 39
M12	18 54	15 52	5 3	17 39	0n 0	26 30	2 59	12 2	0 26	12 9	1 16	15 46	2 13	8 24	0 46	21 29	1 14	7 9	16 47	5 56	5 28	12 20	10 50	0 39
T 13	19 8	12 57	4 37	18 25	0 11	26 23	2 52	12 17	0 25	12 7	1 16	15 45	2 13	8 24	0 46	21 29	1 14	7 9	16 47	5 55	5 27	12 19	10 51	0 39
W14	19 22	9 17	3 55	19 8	0 21	26 15	2 44	12 33	0 25	12 4	1 16	15 43	2 13	8 23	0 46	21 29	1 14	7 9	16 47	5 55	5 26	12 17	10 52	0 39
T 15	19 35	5 7	2 58	19 51	0 31	26 7	2 36	12 48	0 24	12 2	1 15	15 42	2 13	8 23	0 46	21 29	1 14	7 9	16 46	5 55	5 24	12 16	10 53	0 39
F 16	19 49	0 42	1 51	20 31	0 41	25 58	2 28	13 3	0 24	12 0	1 15	15 41	2 13	8 22	0 46	21 30	1 14	7 9	16 46	5 56	5 23	12 14	10 55	0 39
S 17	20 1	3n43	0 39	21 9	0 51	25 49	2 19	13 18	0 23	11 58	1 15	15 40	2 13	8 22	0 46	21 30	1 14	7 9	16 45	5 56	5 22	12 13	10 56	0 39
S 18	20 14	7 53	0s35	21 45	1 0	25 39	2 9	13 33	0 22	11 56	1 15	15 39	2 13	8 21	0 46	21 30	1 14	7 9	16 45	5 56	5 21	12 11	10 57	0 39
M19	20 26	11 36	1 46	22 19	1 9	25 29	1 59	13 47	0 22	11 55	1 15	15 38	2 13	8 21	0 46	21 30	1 14	7 10	16 45	5 55	5 19	12 10	10 58	0 39
T 20	20 38	14 40	2 50	22 50	1 17	25 18	1 49	14 2	0 21	11 53	1 14	15 37	2 13	8 21	0 46	21 31	1 14	7 10	16 44	5 54	5 18	12 8	10 59	0 39
W21	20 49	16 55	3 44	23 19	1 24	25 7	1 38	14 16	0 20	11 51	1 14	15 36	2 13	8 20	0 46	21 31	1 14	7 10	16 44	5 52	5 17	12 7	11 1	0 39
T 22	21 0	18 16	4 25	23 45	1 31	24 55	1 27	14 30	0 20	11 49	1 14	15 35	2 13	8 20	0 46	21 31	1 14	7 10	16 43	5 49	5 16	12 5	11 2	0 38
F 23	21 11	18 42	4 52	24 8	1 37	24 43	1 15	14 44	0 19	11 47	1 14	15 34	2 12	8 19	0 46	21 32	1 14	7 10	16 43	5 45	5 14	12 4	11 3	0 38
S 24	21 22	18 12	5 5	24 28	1 43	24 30	1 3	14 58	0 19	11 46	1 14	15 33	2 12	8 19	0 46	21 32	1 14	7 10	16 43	5 42	5 13	12 2	11 4	0 38
S 25	21 32	16 52	5 4	24 46	1 47	24 16	0 51	15 12	0 18	11 44	1 13	15 32	2 12	8 19	0 46	21 32	1 14	7 10	16 42	5 38	5 12	12 1	11 5	0 38
M26	21 41	14 49	4 49	25 1	1 51	24 2	0 38	15 26	0 17	11 42	1 13	15 31	2 12	8 19	0 46	21 32	1 14	7 10	16 42	5 36	5 11	11 59	11 6	0 38
T 27	21 51	12 10	4 22	25 13	1 55	23 47	0 25	15 39	0 17	11 41	1 13	15 30	2 12	8 18	0 46	21 33	1 14	7 9	16 41	5 34	5 9	11 58	11 7	0 38
W28	21 59	9 1	3 44	25 23	1 57	23 32	0 12	15 53	0 16	11 39	1 13	15 29	2 12	8 18	0 46	21 33	1 14	7 9	16 41	5 33	5 8	11 56	11 9	0 38
T 29	22 8	5 31	2 56	25 30	1 59	23 17	0s 2	16 6	0 15	11 38	1 12	15 28	2 12	8 18	0 46	21 33	1 14	7 9	16 40	5 32	5 7	11 55	11 10	0 38
F 30	22 16	1 44	2 0	25 34	2 0	23 1	0 16	16 19	0 15	11 36	1 12	15 27	2 12	8 18	0 46	21 33	1 14	7 9	16 40	5 33	5 6	11 53	11 11	0 38
S 31	22n24	2s10	0s57	25n37	2n 1	22n45	0s30	16n32	0s14	11s35	1n12	15s26	2n11	8s17	0s46	21n34	1s14	7n 9	16n39	5s33	5s 4	11n52	11n12	0n38

Julian Day Number = 1994750.5, Delta T = 53m30s
Ecliptic obliquity = 23°35'54, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°19'06, Lahiri = 6°26'06 Julian Calendar 1 May 749 == Greg. Calendar 5 May 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

JUNE 749 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 51 14	13♊ 6'06	15♎41	0♋41	19°R41	16♉47	3°R16	18°R47	10♓47	15♊23	21°R 6	13°R59	12♎43	16♌49	27♈25	S 1
M 2	16 55 10	14° 3'15	28°30	2°27	19♊ 6	17°29	3♏12	18♏43	10°47	15°25	21♎ 5	13♎58	12°39	16°56	27°28	M 2
T 3	16 59 7	15° 0'24	11♏43	4°11	18°29	18°11	3° 8	18°39	10°48	15°28	21° 4	13°55	12°36	17° 2	27°31	T 3
W 4	17 3 4	15°57'31	25°21	5°53	17°52	18°53	3° 4	18°35	10°48	15°30	21° 4	13°50	12°33	17° 9	27°34	W 4
T 5	17 7 0	16°54'39	9♐23	7°33	17°14	19°35	3° 0	18°32	10°49	15°32	21° 3	13°42	12°30	17°16	27°37	T 5
F 6	17 10 57	17°51'47	23°45	9°10	16°36	20°17	2°56	18°28	10°49	15°34	21° 2	13°33	12°27	17°22	27°40	F 6
S 7	17 14 53	18°48'54	8♑22	10°45	15°59	20°59	2°53	18°25	10°49	15°37	21° 1	13°23	12°24	17°29	27°43	S 7
S 8	17 18 50	19°46'02	23° 5	12°18	15°22	21°40	2°49	18°21	10°49	15°39	21° 1	13°14	12°20	17°36	27°45	S 8
M 9	17 22 46	20°43'09	7♒48	13°48	14°46	22°22	2°46	18°18	10°50	15°41	21° 0	13° 7	12°17	17°43	27°48	M 9
T 10	17 26 43	21°40'17	22°23	15°16	14°10	23° 4	2°43	18°14	10°50	15°43	21° 0	13° 1	12°14	17°49	27°51	T 10
W11	17 30 39	22°37'25	6♓45	16°42	13°36	23°45	2°41	18°11	10°50	15°46	20°59	12°59	12°11	17°56	27°53	W11
T 12	17 34 36	23°34'33	20°52	18° 5	13° 3	24°27	2°38	18° 8	10°R50	15°48	20°58	12°D58	12° 8	18° 3	27°56	T 12
F 13	17 38 33	24°31'42	4♈43	19°26	12°31	25° 8	2°35	18° 5	10°50	15°50	20°58	12°58	12° 5	18° 9	27°59	F 13
S 14	17 42 29	25°28'51	18°19	20°45	12° 1	25°50	2°33	18° 2	10°50	15°52	20°57	12°R58	12° 1	18°16	28° 1	S 14
S 15	17 46 26	26°26'00	1♉40	22° 1	11°33	26°31	2°31	17°59	10°50	15°54	20°57	12°57	11°58	18°23	28° 4	S 15
M16	17 50 22	27°23'10	14°49	23°14	11° 7	27°12	2°29	17°56	10°50	15°57	20°57	12°53	11°55	18°29	28° 6	M16
T 17	17 54 19	28°20'21	27°45	24°25	10°43	27°54	2°27	17°53	10°49	15°59	20°56	12°47	11°52	18°36	28° 8	T 17
W18	17 58 15	29°17'31	10♊31	25°33	10°21	28°35	2°26	17°50	10°49	16° 1	20°56	12°38	11°49	18°43	28°11	W18
T 19	18 2 12	0♋14'43	23° 5	26°39	10° 2	29°16	2°24	17°48	10°49	16° 3	20°56	12°27	11°45	18°49	28°13	T 19
F 20	18 6 8	1°11'54	5♋29	27°41	9°44	29°57	2°23	17°45	10°48	16° 5	20°55	12°14	11°42	18°56	28°15	F 20
S 21	18 10 5	2° 9'06	17°43	28°41	9°29	0♊38	2°22	17°42	10°48	16° 8	20°55	12° 1	11°39	19° 3	28°17	S 21
S 22	18 14 2	3° 6'18	29°47	29°37	9°16	1°19	2°21	17°40	10°48	16°10	20°55	11°48	11°36	19°10	28°20	S 22
M23	18 17 58	4° 3'30	11♌43	0♌31	9° 6	2° 0	2°21	17°38	10°47	16°12	20°55	11°37	11°33	19°16	28°22	M23
T 24	18 21 55	5° 0'43	23°35	1°21	8°58	2°41	2°20	17°35	10°47	16°14	20°54	11°29	11°30	19°23	28°24	T 24
W25	18 25 51	5°57'56	5♍23	2° 8	8°53	3°21	2°20	17°33	10°46	16°16	20°54	11°24	11°26	19°30	28°26	W25
T 26	18 29 48	6°55'09	17°14	2°51	8°49	4° 2	2°D20	17°31	10°45	16°18	20°54	11°21	11°23	19°36	28°28	T 26
F 27	18 33 44	7°52'22	29°11	3°30	8°D48	4°43	2°20	17°29	10°45	16°20	20°54	11°20	11°20	19°43	28°30	F 27
S 28	18 37 41	8°49'36	11♎20	4° 6	8°50	5°23	2°20	17°27	10°44	16°22	20°D54	11°19	11°17	19°50	28°32	S 28
S 29	18 41 37	9°46'50	23°45	4°38	8°54	6° 4	2°21	17°25	10°43	16°25	20°54	11°19	11°14	19°56	28°33	S 29
M30	18 45 34	10♋44'04	6♏33	5♌ 5	8♊59	6♊44	2♏21	17♏23	10♓42	16♊27	20♎54	11♎18	11♎11	20♌ 3	28♈35	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n31	6s 4	0n 9	25n36	2n 1	22n28	0s44	16n45	0s13	11s34	1n12	15s25	2n11	8s17	0s46	21n34	1s14	7n 9	16n39	5s33	5s 3	11n50	11n13	0n38
M 2	22 38	9 49	1 17	25 34	2 0	22 11	0 58	16 57	0 13	11 33	1 11	15 24	2 11	8 17	0 46	21 34	1 14	7 9	16 38	5 33	5 2	11 48	11 14	0 38
T 3	22 45	13 11	2 22	25 30	1 58	21 54	1 12	17 10	0 12	11 31	1 11	15 23	2 11	8 17	0 46	21 34	1 14	7 9	16 38	5 32	5 1	11 47	11 15	0 38
W 4	22 51	15 57	3 22	25 24	1 56	21 37	1 26	17 22	0 11	11 30	1 11	15 23	2 11	8 17	0 46	21 35	1 14	7 8	16 37	5 29	4 59	11 45	11 16	0 38
T 5	22 57	17 52	4 11	25 16	1 53	21 19	1 40	17 34	0 11	11 29	1 11	15 22	2 11	8 17	0 46	21 35	1 14	7 8	16 37	5 26	4 58	11 44	11 17	0 38
F 6	23 2	18 42	4 45	25 6	1 49	21 2	1 54	17 46	0 10	11 28	1 10	15 21	2 10	8 17	0 47	21 35	1 14	7 8	16 36	5 23	4 57	11 42	11 18	0 38
S 7	23 7	18 19	5 2	24 54	1 45	20 45	2 7	17 58	0 9	11 27	1 10	15 20	2 10	8 16	0 47	21 35	1 14	7 8	16 36	5 19	4 56	11 41	11 19	0 38
S 8	23 12	16 42	4 59	24 41	1 40	20 28	2 21	18 10	0 9	11 26	1 10	15 19	2 10	8 16	0 47	21 36	1 14	7 8	16 35	5 16	4 54	11 39	11 20	0 38
M 9	23 16	14 0	4 36	24 27	1 35	20 11	2 33	18 21	0 8	11 26	1 10	15 19	2 10	8 16	0 47	21 36	1 14	7 7	16 35	5 13	4 53	11 38	11 21	0 38
T 10	23 20	10 26	3 55	24 12	1 29	19 54	2 46	18 32	0 7	11 25	1 9	15 18	2 10	8 16	0 47	21 36	1 14	7 7	16 34	5 11	4 52	11 36	11 22	0 38
W11	23 23	6 19	3 0	23 55	1 23	19 38	2 58	18 44	0 7	11 24	1 9	15 17	2 10	8 16	0 47	21 36	1 14	7 7	16 34	5 9	4 51	11 35	11 23	0 38
T 12	23 26	1 53	1 55	23 37	1 15	19 23	3 10	18 55	0 6	11 23	1 9	15 16	2 9	8 16	0 47	21 37	1 14	7 6	16 33	5 9	4 49	11 33	11 23	0 37
F 13	23 29	2n33	0 44	23 18	1 8	19 8	3 21	19 5	0 5	11 23	1 9	15 16	2 9	8 16	0 47	21 37	1 14	7 6	16 33	5 9	4 48	11 32	11 24	0 37
S 14	23 31	6 47	0s28	22 58	1 0	18 53	3 32	19 16	0 5	11 22	1 8	15 15	2 9	8 17	0 47	21 37	1 14	7 6	16 32	5 9	4 47	11 30	11 25	0 37
S 15	23 33	10 37	1 38	22 38	0 51	18 39	3 42	19 26	0 4	11 22	1 8	15 14	2 9	8 17	0 47	21 37	1 14	7 5	16 32	5 9	4 46	11 29	11 26	0 37
M16	23 34	13 50	2 40	22 17	0 42	18 26	3 51	19 37	0 3	11 21	1 8	15 14	2 9	8 17	0 47	21 37	1 14	7 5	16 31	5 7	4 44	11 27	11 27	0 37
T 17	23 35	16 19	3 34	21 55	0 33	18 14	4 0	19 47	0 3	11 21	1 8	15 13	2 8	8 17	0 47	21 38	1 14	7 5	16 30	5 5	4 43	11 26	11 28	0 37
W18	23 36	17 58	4 15	21 33	0 23	18 3	4 9	19 57	0 2	11 21	1 7	15 13	2 8	8 17	0 47	21 38	1 14	7 4	16 30	5 1	4 42	11 24	11 29	0 37
T 19	23 36	18 42	4 44	21 10	0 12	17 52	4 17	20 6	0 1	11 20	1 7	15 12	2 8	8 17	0 47	21 38	1 14	7 4	16 29	4 57	4 41	11 22	11 29	0 37
F 20	23 36	18 31	4 58	20 47	0 1	17 42	4 24	20 16	0 1	11 20	1 7	15 12	2 8	8 17	0 47	21 38	1 14	7 4	16 29	4 52	4 39	11 21	11 30	0 37
S 21	23 35	17 29	4 59	20 24	0s10	17 33	4 31	20 25	0n 0	11 20	1 6	15 11	2 8	8 17	0 47	21 39	1 14	7 3	16 28	4 47	4 38	11 19	11 31	0 37
S 22	23 34	15 40	4 46	20 1	0 22	17 25	4 37	20 34	0 1	11 20	1 6	15 11	2 7	8 18	0 47	21 39	1 14	7 3	16 28	4 42	4 37	11 18	11 32	0 37
M23	23 32	13 13	4 21	19 38	0 34	17 18	4 43	20 43	0 1	11 20	1 6	15 10	2 7	8 18	0 47	21 39	1 14	7 2	16 27	4 38	4 36	11 16	11 32	0 37
T 24	23 30	10 13	3 44	19 15	0 46	17 12	4 48	20 52	0 2	11 20	1 6	15 10	2 7	8 18	0 47	21 39	1 14	7 2	16 27	4 34	4 34	11 15	11 33	0 37
W25	23 28	6 50	2 58	18 52	0 58	17 6	4 53	21 1	0 3	11 21	1 5	15 9	2 7	8 18	0 47	21 39	1 14	7 1	16 26	4 32	4 33	11 13	11 34	0 37
T 26	23 25	3 11	2 4	18 30	1 11	17 2	4 57	21 9	0 3	11 21	1 5	15 9	2 7	8 19	0 47	21 40	1 14	7 1	16 25	4 31	4 32	11 12	11 34	0 37
F 27	23 22	0s39	1 4	18 8	1 24	16 58	5 0	21 17	0 4	11 21	1 5	15 8	2 6	8 19	0 47	21 40	1 14	7 0	16 25	4 31	4 31	11 10	11 35	0 37
S 28	23 18	4 31	0n 0	17 47	1 38	16 55	5 4	21 25	0 5	11 21	1 4	15 8	2 6	8 19	0 47	21 40	1 14	7 0	16 24	4 31	4 29	11 8	11 36	0 37
S 29	23 14	8 16	1 5	17 26	1 51	16 53	5 6	21 33	0 6	11 22	1 4	15 8	2 6	8 20	0 47	21 40	1 14	6 59	16 24	4 30	4 28	11 7	11 36	0 37
M30	23n10	11s46	2n 9	17n 6	2s 5	16n52	5s 9	21n41	0n 6	11s22	1n 4	15s 8	2n 6	8s20	0s47	21n41	1s14	6n59	16n23	4s30	4s27	11n 5	11n37	0n37

Julian Day Number = 1994781.5, Delta T = 53m29s
Ecliptic obliquity = 23°35'54, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°19'10, Lahiri = 6°26'10 Julian Calendar 1 June 749 == Greg. Calendar 5 June 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

JULY 749 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 49 31	11♋41'19	19♏47	5♌28	9♊ 7	7♊25	2♏22	17°R22	10°R41	16♊29	20♎54	11°R14	11♎ 7	20♌10	28♈37	T 1
W 2	18 53 27	12°38'34	3♐30	5°47	9°18	8° 5	2°23	17♏20	10♓41	16°31	20°54	11♎ 8	11° 4	20°17	28°38	W 2
T 3	18 57 24	13°35'50	17°41	6° 1	9°30	8°45	2°24	17°19	10°40	16°33	20°55	11° 0	11° 1	20°23	28°40	T 3
F 4	19 1 20	14°33'07	2♑18	6°10	9°44	9°26	2°26	17°17	10°39	16°35	20°55	10°49	10°58	20°30	28°42	F 4
S 5	19 5 17	15°30'24	17°13	6°R14	10° 0	10° 6	2°27	17°16	10°38	16°37	20°55	10°39	10°55	20°37	28°43	S 5
S 6	19 9 13	16°27'42	2♒18	6°13	10°19	10°46	2°29	17°15	10°36	16°39	20°55	10°28	10°51	20°43	28°45	S 6
M 7	19 13 10	17°25'01	17°22	6° 7	10°39	11°26	2°31	17°13	10°35	16°41	20°56	10°19	10°48	20°50	28°46	M 7
T 8	19 17 7	18°22'21	2♓17	5°56	11° 0	12° 6	2°33	17°12	10°34	16°43	20°56	10°13	10°45	20°57	28°47	T 8
W 9	19 21 3	19°19'42	16°55	5°39	11°24	12°46	2°35	17°11	10°33	16°45	20°56	10° 9	10°42	21° 3	28°49	W 9
T 10	19 25 0	20°17'04	1♈12	5°18	11°49	13°26	2°37	17°11	10°32	16°47	20°57	10° 8	10°39	21°10	28°50	T 10
F 11	19 28 56	21°14'28	15° 6	4°52	12°16	14° 6	2°40	17°10	10°30	16°49	20°57	10° 8	10°36	21°17	28°51	F 11
S 12	19 32 53	22°11'52	28°39	4°21	12°44	14°45	2°43	17° 9	10°29	16°51	20°58	10° 8	10°32	21°23	28°52	S 12
S 13	19 36 49	23° 9'19	11♉52	3°46	13°14	15°25	2°46	17° 8	10°28	16°52	20°58	10° 7	10°29	21°30	28°53	S 13
M14	19 40 46	24° 6'46	24°48	3° 7	13°45	16° 5	2°49	17° 8	10°26	16°54	20°59	10° 3	10°26	21°37	28°54	M14
T 15	19 44 42	25° 4'15	7♊30	2°25	14°18	16°44	2°52	17° 8	10°25	16°56	20°59	9°57	10°23	21°43	28°55	T 15
W16	19 48 39	26° 1'45	20° 0	1°40	14°52	17°24	2°55	17° 7	10°23	16°58	21° 0	9°49	10°20	21°50	28°56	W16
T 17	19 52 35	26°59'17	2♋19	0°53	15°27	18° 3	2°59	17° 7	10°22	17° 0	21° 0	9°38	10°17	21°57	28°57	T 17
F 18	19 56 32	27°56'50	14°30	0° 5	16° 4	18°43	3° 3	17° 7	10°20	17° 2	21° 1	9°25	10°13	22° 4	28°58	F 18
S 19	20 0 29	28°54'24	26°33	29♋17	16°41	19°22	3° 7	17°D 7	10°19	17° 3	21° 2	9°13	10°10	22°10	28°58	S 19
S 20	20 4 25	29°51'59	8♌30	28°29	17°20	20° 1	3°11	17° 7	10°17	17° 5	21° 3	9° 1	10° 7	22°17	28°59	S 20
M21	20 8 22	0♌49'35	20°22	27°43	18° 0	20°41	3°15	17° 7	10°15	17° 7	21° 3	8°50	10° 4	22°24	29° 0	M21
T 22	20 12 18	1°47'13	2♍11	26°59	18°41	21°20	3°20	17° 8	10°14	17° 9	21° 4	8°42	10° 1	22°30	29° 0	T 22
W23	20 16 15	2°44'52	13°59	26°18	19°23	21°59	3°24	17° 8	10°12	17°10	21° 5	8°37	9°57	22°37	29° 1	W23
T 24	20 20 11	3°42'32	25°49	25°42	20° 6	22°38	3°29	17° 8	10°10	17°12	21° 6	8°34	9°54	22°44	29° 1	T 24
F 25	20 24 8	4°40'13	7♎46	25°11	20°50	23°17	3°34	17° 9	10° 8	17°14	21° 7	8°D33	9°51	22°50	29° 1	F 25
S 26	20 28 4	5°37'55	19°54	24°45	21°35	23°56	3°39	17°10	10° 7	17°15	21° 8	8°33	9°48	22°57	29° 2	S 26
S 27	20 32 1	6°35'38	2♏18	24°26	22°20	24°35	3°44	17°10	10° 5	17°17	21° 9	8°R34	9°45	23° 4	29° 2	S 27
M28	20 35 58	7°33'23	15° 2	24°13	23° 7	25°13	3°50	17°11	10° 3	17°18	21°10	8°34	9°42	23°10	29° 2	M28
T 29	20 39 54	8°31'09	28°12	24°D 7	23°54	25°52	3°55	17°12	10° 1	17°20	21°11	8°32	9°38	23°17	29° 2	T 29
W30	20 43 51	9°28'56	11♐51	24° 9	24°42	26°31	4° 1	17°13	9°59	17°21	21°12	8°28	9°35	23°24	29° 2	W30
T 31	20 47 47	10♌26'44	25♐59	24♋19	25♊31	27♊ 9	4♏ 7	17♏14	9♓57	17♊23	21♎13	8♎22	9♎32	23♌31	29°R 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	14s47	3n 8	16n47	2s19	16n51	5s10	21n48	0n 7	11s23	1n 4	15s 7	2n 5	8s20	0s47	21n41	1s14	6n58	16n22	4s28	4s26	11n 4	11n37	0n37
W 2	23 0	17 5	3 59	16 30	2 32	16 51	5 12	21 56	0 8	11 23	1 3	15 7	2 5	8 21	0 47	21 41	1 14	6 57	16 22	4 26	4 24	11 2	11 38	0 37
T 3	22 54	18 26	4 37	16 13	2 46	16 52	5 13	22 3	0 8	11 24	1 3	15 7	2 5	8 21	0 48	21 41	1 14	6 57	16 21	4 23	4 23	11 1	11 38	0 37
F 4	22 48	18 37	4 57	15 58	2 59	16 53	5 14	22 10	0 9	11 25	1 3	15 7	2 5	8 21	0 48	21 41	1 14	6 56	16 21	4 19	4 22	10 59	11 39	0 37
S 5	22 41	17 33	4 59	15 44	3 13	16 55	5 14	22 16	0 10	11 26	1 3	15 7	2 4	8 22	0 48	21 42	1 14	6 56	16 20	4 14	4 21	10 58	11 39	0 36
S 6	22 35	15 14	4 39	15 32	3 25	16 57	5 14	22 23	0 11	11 26	1 2	15 6	2 4	8 22	0 48	21 42	1 14	6 55	16 20	4 10	4 19	10 56	11 40	0 36
M 7	22 27	11 54	4 1	15 21	3 38	17 0	5 14	22 29	0 11	11 27	1 2	15 6	2 4	8 23	0 48	21 42	1 14	6 54	16 19	4 7	4 18	10 54	11 40	0 36
T 8	22 20	7 50	3 6	15 12	3 50	17 4	5 14	22 35	0 12	11 28	1 2	15 6	2 4	8 23	0 48	21 42	1 14	6 54	16 18	4 4	4 17	10 53	11 41	0 36
W 9	22 12	3 22	2 0	15 5	4 1	17 8	5 13	22 41	0 13	11 29	1 1	15 6	2 4	8 24	0 48	21 42	1 14	6 53	16 18	4 3	4 16	10 51	11 41	0 36
T 10	22 3	1n12	0 47	15 1	4 11	17 12	5 12	22 47	0 13	11 30	1 1	15 6	2 3	8 24	0 48	21 42	1 14	6 52	16 17	4 2	4 14	10 50	11 42	0 36
F 11	21 55	5 35	0s26	14 58	4 20	17 17	5 10	22 53	0 14	11 32	1 1	15 6	2 3	8 25	0 48	21 43	1 14	6 52	16 17	4 2	4 13	10 48	11 42	0 36
S 12	21 45	9 34	1 36	14 57	4 29	17 22	5 9	22 58	0 15	11 33	1 1	15 6	2 3	8 25	0 48	21 43	1 14	6 51	16 16	4 2	4 12	10 47	11 42	0 36
S 13	21 36	12 58	2 40	14 58	4 36	17 28	5 7	23 3	0 16	11 34	1 0	15 6	2 3	8 26	0 48	21 43	1 14	6 50	16 15	4 2	4 11	10 45	11 43	0 36
M14	21 26	15 39	3 33	15 2	4 41	17 33	5 5	23 8	0 16	11 35	1 0	15 6	2 2	8 26	0 48	21 43	1 14	6 49	16 15	4 0	4 9	10 43	11 43	0 36
T 15	21 16	17 31	4 15	15 7	4 45	17 39	5 3	23 13	0 17	11 37	1 0	15 7	2 2	8 27	0 48	21 43	1 14	6 49	16 14	3 58	4 8	10 42	11 43	0 36
W16	21 5	18 30	4 44	15 15	4 47	17 45	5 0	23 17	0 18	11 38	1 0	15 7	2 2	8 28	0 48	21 43	1 14	6 48	16 14	3 55	4 7	10 40	11 44	0 36
T 17	20 54	18 36	4 59	15 24	4 48	17 52	4 58	23 22	0 18	11 40	0 59	15 7	2 2	8 28	0 48	21 44	1 14	6 47	16 13	3 50	4 6	10 39	11 44	0 36
F 18	20 43	17 50	5 0	15 36	4 47	17 58	4 55	23 26	0 19	11 41	0 59	15 7	2 1	8 29	0 48	21 44	1 14	6 46	16 12	3 45	4 4	10 37	11 44	0 36
S 19	20 31	16 16	4 48	15 49	4 44	18 5	4 52	23 30	0 20	11 43	0 59	15 7	2 1	8 29	0 48	21 44	1 14	6 45	16 12	3 40	4 3	10 35	11 44	0 36
S 20	20 19	14 1	4 23	16 3	4 39	18 12	4 49	23 34	0 21	11 44	0 59	15 8	2 1	8 30	0 48	21 44	1 14	6 45	16 11	3 36	4 2	10 34	11 45	0 36
M21	20 6	11 12	3 47	16 19	4 32	18 18	4 46	23 37	0 21	11 46	0 58	15 8	2 1	8 31	0 48	21 44	1 14	6 44	16 11	3 31	4 1	10 32	11 45	0 36
T 22	19 54	7 57	3 1	16 35	4 23	18 25	4 42	23 41	0 22	11 48	0 58	15 8	2 0	8 31	0 48	21 44	1 14	6 43	16 10	3 28	3 59	10 31	11 45	0 36
W23	19 41	4 23	2 7	16 53	4 13	18 32	4 39	23 44	0 23	11 50	0 58	15 9	2 0	8 32	0 48	21 44	1 14	6 42	16 10	3 26	3 58	10 29	11 45	0 36
T 24	19 27	0 38	1 7	17 11	4 2	18 39	4 35	23 47	0 24	11 52	0 58	15 9	2 0	8 33	0 48	21 45	1 14	6 41	16 9	3 25	3 57	10 27	11 45	0 36
F 25	19 13	3s10	0 4	17 30	3 49	18 46	4 31	23 50	0 24	11 53	0 57	15 9	2 0	8 34	0 48	21 45	1 14	6 41	16 8	3 25	3 56	10 26	11 45	0 36
S 26	18 59	6 54	1n 0	17 48	3 34	18 53	4 28	23 53	0 25	11 55	0 57	15 10	1 59	8 34	0 48	21 45	1 14	6 40	16 8	3 25	3 54	10 24	11 45	0 36
S 27	18 45	10 25	2 4	18 7	3 19	18 59	4 23	23 55	0 26	11 57	0 57	15 10	1 59	8 35	0 48	21 45	1 14	6 39	16 7	3 25	3 53	10 23	11 45	0 36
M28	18 30	13 33	3 2	18 25	3 3	19 6	4 19	23 57	0 27	12 0	0 57	15 11	1 59	8 36	0 48	21 45	1 14	6 38	16 7	3 25	3 52	10 21	11 45	0 35
T 29	18 15	16 6	3 54	18 42	2 46	19 12	4 15	23 59	0 27	12 2	0 56	15 11	1 59	8 36	0 48	21 45	1 14	6 37	16 6	3 24	3 51	10 20	11 45	0 35
W30	18 0	17 50	4 34	18 59	2 29	19 19	4 11	24 1	0 28	12 4	0 56	15 12	1 58	8 37	0 48	21 45	1 15	6 36	16 6	3 23	3 49	10 18	11 45	0 35
T 31	17n44	18s34	4n59	19n14	2s12	19n25	4s 6	24n 3	0n29	12s 6	0n56	15s12	1n58	8s38	0s48	21n46	1s15	6n35	16n 5	3s20	3s48	10n16	11n45	0n35

Julian Day Number = 1994811.5, Delta T = 53m29s
Ecliptic obliquity = 23°35'54, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°19'14, Lahiri = 6°26'14 Julian Calendar 1 July 749 == Greg. Calendar 5 July 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

AUGUST 749 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 51 44	11♌24'34	10♉36	24♋36	26♊21	27♊48	4♏13	17♏16	9°R55	17♊24	21♎14	8°R14	9♎29	23♌37	29°R 2	F 1
S 2	20 55 40	12°22'25	25°35	25° 2	27°11	28°26	4°19	17°17	9♓53	17°26	21°15	8♎ 6	9°26	23°44	29♈ 2	S 2
S 3	20 59 37	13°20'18	10♒48	25°35	28° 2	29° 5	4°25	17°18	9°51	17°27	21°16	7°58	9°22	23°51	29° 2	S 3
M 4	21 3 33	14°18'12	26° 5	26°15	28°54	29°43	4°32	17°20	9°49	17°29	21°18	7°51	9°19	23°57	29° 2	M 4
T 5	21 7 30	15°16'07	11♓14	27° 4	29°47	0♋21	4°38	17°22	9°47	17°30	21°19	7°46	9°16	24° 4	29° 2	T 5
W 6	21 11 27	16°14'05	26° 8	27°59	0♋40	1° 0	4°45	17°23	9°45	17°32	21°20	7°44	9°13	24°11	29° 1	W 6
T 7	21 15 23	17°12'04	10♈38	29° 2	1°33	1°38	4°52	17°25	9°42	17°33	21°21	7°D43	9°10	24°17	29° 1	T 7
F 8	21 19 20	18°10'06	24°43	0♌11	2°27	2°16	4°59	17°27	9°40	17°34	21°23	7°44	9° 7	24°24	29° 1	F 8
S 9	21 23 16	19° 8'09	8♉22	1°26	3°22	2°54	5° 6	17°29	9°38	17°35	21°24	7°45	9° 3	24°31	29° 0	S 9
S 10	21 27 13	20° 6'14	21°36	2°47	4°18	3°32	5°13	17°31	9°36	17°37	21°26	7°R46	9° 0	24°37	28°59	S 10
M11	21 31 9	21° 4'22	4♊30	4°14	5°13	4°10	5°21	17°33	9°34	17°38	21°27	7°45	8°57	24°44	28°59	M11
T 12	21 35 6	22° 2'31	17° 5	5°45	6°10	4°47	5°28	17°36	9°31	17°39	21°28	7°42	8°54	24°51	28°58	T 12
W13	21 39 2	23° 0'43	29°26	7°21	7° 7	5°25	5°36	17°38	9°29	17°40	21°30	7°37	8°51	24°57	28°57	W13
T 14	21 42 59	23°58'57	11♋35	9° 0	8° 4	6° 3	5°44	17°40	9°27	17°41	21°31	7°31	8°48	25° 4	28°57	T 14
F 15	21 46 56	24°57'12	23°37	10°43	9° 2	6°40	5°52	17°43	9°24	17°42	21°33	7°23	8°44	25°11	28°56	F 15
S 16	21 50 52	25°55'30	5♌32	12°29	10° 0	7°18	6° 0	17°45	9°22	17°44	21°34	7°15	8°41	25°17	28°55	S 16
S 17	21 54 49	26°53'49	17°23	14°17	10°59	7°56	6° 8	17°48	9°20	17°45	21°36	7° 7	8°38	25°24	28°54	S 17
M18	21 58 45	27°52'10	29°13	16° 7	11°58	8°33	6°16	17°51	9°17	17°46	21°38	7° 1	8°35	25°31	28°53	M18
T 19	22 2 42	28°50'34	11♍ 2	17°58	12°58	9°10	6°25	17°54	9°15	17°47	21°39	6°56	8°32	25°37	28°52	T 19
W20	22 6 38	29°48'59	22°53	19°50	13°58	9°48	6°33	17°57	9°13	17°48	21°41	6°53	8°28	25°44	28°51	W20
T 21	22 10 35	0♍47'26	4♎48	21°44	14°58	10°25	6°42	18° 0	9°10	17°48	21°43	6°D52	8°25	25°51	28°49	T 21
F 22	22 14 31	1°45'54	16°50	23°37	15°59	11° 2	6°51	18° 3	9° 8	17°49	21°44	6°53	8°22	25°58	28°48	F 22
S 23	22 18 28	2°44'25	29° 2	25°31	17° 0	11°39	7° 0	18° 6	9° 6	17°50	21°46	6°54	8°19	26° 4	28°47	S 23
S 24	22 22 25	3°42'57	11♏29	27°25	18° 1	12°16	7° 9	18°10	9° 3	17°51	21°48	6°56	8°16	26°11	28°46	S 24
M25	22 26 21	4°41'31	24°13	29°18	19° 3	12°53	7°18	18°13	9° 1	17°52	21°50	6°57	8°13	26°18	28°44	M25
T 26	22 30 18	5°40'07	7♐19	1♍11	20° 5	13°30	7°27	18°17	8°58	17°53	21°52	6°R58	8° 9	26°24	28°43	T 26
W27	22 34 14	6°38'44	20°50	3° 4	21° 7	14° 6	7°37	18°20	8°56	17°53	21°53	6°57	8° 6	26°31	28°41	W27
T 28	22 38 11	7°37'23	4♑48	4°56	22°10	14°43	7°46	18°24	8°53	17°54	21°55	6°55	8° 3	26°38	28°40	T 28
F 29	22 42 7	8°36'04	19°13	6°47	23°13	15°20	7°56	18°28	8°51	17°55	21°57	6°51	8° 0	26°44	28°38	F 29
S 30	22 46 4	9°34'47	4♒ 0	8°37	24°17	15°56	8° 5	18°31	8°49	17°55	21°59	6°48	7°57	26°51	28°36	S 30
S 31	22 50 0	10♍33'31	19♒ 5	10♍27	25♋20	16♋33	8♏15	18♏35	8♓46	17♊56	22♎ 1	6♎44	7♎54	26♌58	28♈35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n28	18s 6	5n 5	19n28	1s54	19n31	4s 2	24n 4	0n30	12s 8	0n56	15s13	1n58	8s39	0s48	21n46	1s15	6n34	16n 5	3s17	3s47	10n15	11n45	0n35
S 2	17 12	16 23	4 52	19 41	1 36	19 37	3 57	24 6	0 30	12 11	0 55	15 14	1 58	8 40	0 48	21 46	1 15	6 33	16 4	3 14	3 46	10 13	11 45	0 35
S 3	16 56	13 31	4 17	19 52	1 19	19 42	3 53	24 7	0 31	12 13	0 55	15 14	1 57	8 40	0 48	21 46	1 15	6 32	16 4	3 11	3 44	10 11	11 45	0 35
M 4	16 39	9 42	3 25	20 1	1 2	19 47	3 48	24 8	0 32	12 15	0 55	15 15	1 57	8 41	0 48	21 46	1 15	6 32	16 3	3 8	3 43	10 10	11 45	0 35
T 5	16 22	5 17	2 18	20 8	0 46	19 52	3 43	24 9	0 33	12 18	0 55	15 16	1 57	8 42	0 48	21 46	1 15	6 31	16 2	3 6	3 42	10 8	11 45	0 35
W 6	16 5	0 36	1 2	20 13	0 29	19 57	3 39	24 9	0 33	12 20	0 54	15 16	1 57	8 43	0 48	21 46	1 15	6 30	16 2	3 5	3 41	10 7	11 45	0 35
T 7	15 47	4n 0	0s16	20 16	0 14	20 2	3 34	24 9	0 34	12 23	0 54	15 17	1 56	8 44	0 48	21 46	1 15	6 29	16 1	3 5	3 39	10 5	11 45	0 35
F 8	15 29	8 14	1 30	20 15	0n 1	20 6	3 29	24 10	0 35	12 25	0 54	15 18	1 56	8 45	0 48	21 46	1 15	6 28	16 1	3 5	3 38	10 3	11 44	0 35
S 9	15 11	11 54	2 38	20 12	0 14	20 9	3 24	24 10	0 36	12 28	0 54	15 19	1 56	8 45	0 48	21 46	1 15	6 27	16 0	3 6	3 37	10 2	11 44	0 35
S 10	14 53	14 50	3 34	20 7	0 27	20 13	3 19	24 10	0 37	12 31	0 53	15 19	1 56	8 46	0 48	21 47	1 15	6 26	16 0	3 6	3 36	10 0	11 44	0 35
M11	14 34	16 57	4 19	19 58	0 40	20 16	3 14	24 9	0 37	12 33	0 53	15 20	1 55	8 47	0 49	21 47	1 15	6 25	15 59	3 6	3 34	9 59	11 44	0 35
T 12	14 15	18 10	4 49	19 47	0 51	20 19	3 9	24 9	0 38	12 36	0 53	15 21	1 55	8 48	0 49	21 47	1 15	6 24	15 59	3 4	3 33	9 57	11 43	0 35
W13	13 56	18 30	5 6	19 32	1 1	20 21	3 4	24 8	0 39	12 39	0 53	15 22	1 55	8 49	0 49	21 47	1 15	6 23	15 58	3 3	3 32	9 55	11 43	0 35
T 14	13 37	17 59	5 8	19 15	1 10	20 23	2 59	24 7	0 40	12 42	0 53	15 23	1 55	8 50	0 49	21 47	1 15	6 22	15 58	3 0	3 30	9 54	11 43	0 35
F 15	13 17	16 39	4 57	18 55	1 18	20 24	2 53	24 6	0 40	12 45	0 52	15 24	1 54	8 51	0 49	21 47	1 15	6 21	15 57	2 57	3 29	9 52	11 42	0 35
S 16	12 58	14 37	4 32	18 32	1 25	20 25	2 48	24 5	0 41	12 47	0 52	15 25	1 54	8 51	0 49	21 47	1 15	6 20	15 57	2 54	3 28	9 51	11 42	0 35
S 17	12 38	11 58	3 57	18 6	1 31	20 26	2 43	24 3	0 42	12 50	0 52	15 26	1 54	8 52	0 49	21 47	1 15	6 19	15 56	2 51	3 27	9 49	11 42	0 35
M18	12 18	8 51	3 10	17 39	1 36	20 26	2 38	24 2	0 43	12 53	0 52	15 27	1 54	8 53	0 49	21 47	1 15	6 18	15 56	2 48	3 25	9 47	11 41	0 35
T 19	11 57	5 23	2 16	17 8	1 40	20 26	2 33	24 0	0 44	12 56	0 51	15 28	1 54	8 54	0 49	21 47	1 15	6 17	15 56	2 46	3 24	9 46	11 41	0 34
W20	11 37	1 41	1 16	16 36	1 44	20 25	2 27	23 58	0 44	12 59	0 51	15 29	1 53	8 55	0 49	21 47	1 15	6 16	15 55	2 45	3 23	9 44	11 40	0 34
T 21	11 16	2s 6	0 11	16 2	1 46	20 24	2 22	23 56	0 45	13 2	0 51	15 30	1 53	8 56	0 49	21 47	1 15	6 15	15 55	2 45	3 22	9 42	11 40	0 34
F 22	10 55	5 49	0n54	15 26	1 48	20 22	2 17	23 54	0 46	13 5	0 51	15 31	1 53	8 57	0 49	21 47	1 15	6 14	15 54	2 45	3 20	9 41	11 39	0 34
S 23	10 34	9 22	1 58	14 48	1 49	20 20	2 12	23 52	0 47	13 9	0 51	15 32	1 53	8 58	0 49	21 47	1 15	6 13	15 54	2 45	3 19	9 39	11 39	0 34
S 24	10 13	12 33	2 58	14 9	1 49	20 17	2 7	23 49	0 48	13 12	0 50	15 33	1 52	8 59	0 49	21 47	1 15	6 12	15 53	2 46	3 18	9 38	11 38	0 34
M25	9 51	15 13	3 51	13 29	1 48	20 14	2 1	23 46	0 48	13 15	0 50	15 34	1 52	9 0	0 49	21 47	1 15	6 11	15 53	2 47	3 17	9 36	11 38	0 34
T 26	9 30	17 11	4 33	12 48	1 47	20 10	1 56	23 43	0 49	13 18	0 50	15 36	1 52	9 1	0 49	21 47	1 15	6 10	15 53	2 47	3 15	9 34	11 37	0 34
W27	9 8	18 16	5 2	12 5	1 46	20 6	1 51	23 40	0 50	13 21	0 50	15 37	1 52	9 1	0 49	21 48	1 15	6 9	15 52	2 46	3 14	9 33	11 37	0 34
T 28	8 46	18 17	5 14	11 22	1 43	20 1	1 46	23 37	0 51	13 25	0 50	15 38	1 51	9 2	0 49	21 48	1 15	6 7	15 52	2 46	3 13	9 31	11 36	0 34
F 29	8 24	17 9	5 7	10 38	1 41	19 56	1 41	23 34	0 52	13 28	0 49	15 39	1 51	9 3	0 49	21 48	1 15	6 6	15 51	2 44	3 12	9 29	11 35	0 34
S 30	8 2	14 51	4 39	9 54	1 37	19 50	1 35	23 30	0 52	13 31	0 49	15 40	1 51	9 4	0 49	21 48	1 15	6 5	15 51	2 43	3 10	9 28	11 35	0 34
S 31	7n39	11s31	3n52	9n 9	1n34	19n44	1s30	23n27	0n53	13s35	0n49	15s42	1n51	9s 5	0s49	21n48	1s15	6n 4	15n51	2s41	3s 9	9n26	11n34	0n34

Julian Day Number = 1994842.5, Delta T = 53m28s
Ecliptic obliquity = 23°35'54, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°19'18, Lahiri = 6°26'19 Julian Calendar 1 Aug. 749 == Greg. Calendar 5 Aug. 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

SEPTEMBER 749 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 53 57	11♍32'18	4♓18	12♍16	26♋24	17♋ 9	8♏25	18♏39	8°R44	17♊56	22♎ 3	6°R41	7♎50	27♌ 4	28°R33	M 1
T 2	22 57 53	12°31'06	19°29	14° 4	27°28	17°45	8°35	18°43	8♓41	17°57	22° 5	6♎39	7°47	27°11	28♈31	T 2
W 3	23 1 50	13°29'56	4♈29	15°51	28°33	18°21	8°45	18°47	8°39	17°58	22° 7	6°D38	7°44	27°18	28°29	W 3
T 4	23 5 47	14°28'49	19° 9	17°37	29°38	18°58	8°55	18°52	8°37	17°58	22° 9	6°39	7°41	27°24	28°27	T 4
F 5	23 9 43	15°27'44	3♉25	19°22	0♌43	19°34	9° 5	18°56	8°34	17°58	22°11	6°40	7°38	27°31	28°25	F 5
S 6	23 13 40	16°26'41	17°13	21° 6	1°48	20°10	9°16	19° 0	8°32	17°59	22°13	6°41	7°34	27°38	28°23	S 6
S 7	23 17 36	17°25'41	0♊35	22°49	2°54	20°45	9°26	19° 5	8°29	17°59	22°15	6°42	7°31	27°44	28°21	S 7
M 8	23 21 33	18°24'43	13°33	24°32	4° 0	21°21	9°37	19° 9	8°27	18° 0	22°17	6°R43	7°28	27°51	28°19	M 8
T 9	23 25 29	19°23'47	26° 9	26°13	5° 6	21°57	9°48	19°14	8°25	18° 0	22°19	6°43	7°25	27°58	28°17	T 9
W10	23 29 26	20°22'54	8♋28	27°54	6°12	22°33	9°58	19°18	8°22	18° 0	22°22	6°42	7°22	28° 4	28°15	W10
T 11	23 33 22	21°22'03	20°33	29°34	7°19	23° 8	10° 9	19°23	8°20	18° 0	22°24	6°41	7°19	28°11	28°13	T 11
F 12	23 37 19	22°21'15	2♌30	1♎13	8°25	23°44	10°20	19°28	8°18	18° 1	22°26	6°39	7°15	28°18	28°10	F 12
S 13	23 41 16	23°20'29	14°21	2°51	9°32	24°19	10°31	19°33	8°15	18° 1	22°28	6°36	7°12	28°24	28° 8	S 13
S 14	23 45 12	24°19'45	26°10	4°28	10°39	24°54	10°42	19°38	8°13	18° 1	22°30	6°35	7° 9	28°31	28° 6	S 14
M15	23 49 9	25°19'03	8♍ 0	6° 5	11°47	25°30	10°53	19°43	8°11	18° 1	22°32	6°33	7° 6	28°38	28° 3	M15
T 16	23 53 5	26°18'23	19°53	7°41	12°54	26° 5	11° 5	19°48	8° 9	18° 1	22°35	6°32	7° 3	28°44	28° 1	T 16
W17	23 57 2	27°17'46	1♎51	9°16	14° 2	26°40	11°16	19°53	8° 6	18°R 1	22°37	6°D31	6°59	28°51	27°58	W17
T 18	0 0 58	28°17'11	13°56	10°50	15°10	27°15	11°27	19°58	8° 4	18° 1	22°39	6°31	6°56	28°58	27°56	T 18
F 19	0 4 55	29°16'37	26° 9	12°24	16°18	27°50	11°39	20° 3	8° 2	18° 1	22°41	6°32	6°53	29° 4	27°53	F 19
S 20	0 8 51	0♎16'06	8♏34	13°57	17°27	28°24	11°50	20° 8	8° 0	18° 1	22°44	6°33	6°50	29°11	27°51	S 20
S 21	0 12 48	1°15'37	21°11	15°29	18°35	28°59	12° 2	20°14	7°58	18° 1	22°46	6°33	6°47	29°18	27°48	S 21
M22	0 16 44	2°15'09	4♐ 4	17° 0	19°44	29°33	12°14	20°19	7°55	18° 1	22°48	6°34	6°44	29°25	27°46	M22
T 23	0 20 41	3°14'44	17°13	18°31	20°53	0♌ 8	12°25	20°25	7°53	18° 1	22°51	6°34	6°40	29°31	27°43	T 23
W24	0 24 38	4°14'20	0♑42	20° 1	22° 2	0°42	12°37	20°30	7°51	18° 0	22°53	6°R34	6°37	29°38	27°40	W24
T 25	0 28 34	5°13'58	14°31	21°31	23°11	1°16	12°49	20°36	7°49	18° 0	22°55	6°34	6°34	29°45	27°38	T 25
F 26	0 32 31	6°13'38	28°40	22°59	24°21	1°51	13° 1	20°41	7°47	18° 0	22°58	6°D34	6°31	29°51	27°35	F 26
S 27	0 36 27	7°13'19	13♒ 8	24°27	25°30	2°25	13°13	20°47	7°45	18° 0	23° 0	6°34	6°28	29°58	27°32	S 27
S 28	0 40 24	8°13'02	27°51	25°55	26°40	2°59	13°25	20°53	7°43	17°59	23° 2	6°34	6°25	0♍ 5	27°29	S 28
M29	0 44 20	9°12'48	12♓44	27°21	27°50	3°32	13°37	20°59	7°41	17°59	23° 5	6°34	6°21	0°11	27°26	M29
T 30	0 48 17	10♎12'34	27♓39	28♎47	29♌ 0	4♌ 6	13♏50	21♏ 4	7♓39	17♊58	23♎ 7	6♎35	6♎18	0♍18	27♈24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n17	7s23	2n49	8n23	1n30	19n37	1s25	23n23	0n54	13s38	0n49	15s43	1n51	9s 6	0s49	21n48	1s15	6n 3	15n50	2s40	3s 8	9n24	11n33	0n34
T 2	6 54	2 46	1 33	7 37	1 25	19 30	1 20	23 19	0 55	13 41	0 49	15 44	1 50	9 7	0 49	21 48	1 16	6 2	15 50	2 39	3 7	9 23	11 33	0 34
W 3	6 32	1n58	0 12	6 51	1 21	19 22	1 15	23 15	0 56	13 45	0 48	15 46	1 50	9 8	0 49	21 48	1 16	6 1	15 49	2 39	3 5	9 21	11 32	0 34
T 4	6 9	6 29	1s 9	6 5	1 16	19 13	1 10	23 11	0 57	13 48	0 48	15 47	1 50	9 9	0 49	21 48	1 16	6 0	15 49	2 39	3 4	9 19	11 31	0 34
F 5	5 46	10 30	2 22	5 19	1 10	19 4	1 5	23 6	0 57	13 52	0 48	15 48	1 50	9 10	0 49	21 48	1 16	5 59	15 49	2 40	3 3	9 18	11 30	0 34
S 6	5 23	13 48	3 26	4 33	1 5	18 55	1 0	23 2	0 58	13 55	0 48	15 50	1 50	9 11	0 49	21 48	1 16	5 58	15 48	2 40	3 1	9 16	11 30	0 34
S 7	5 0	16 14	4 16	3 46	0 59	18 45	0 55	22 57	0 59	13 59	0 48	15 51	1 49	9 11	0 49	21 48	1 16	5 57	15 48	2 41	3 0	9 15	11 29	0 33
M 8	4 37	17 46	4 51	3 0	0 53	18 34	0 50	22 53	1 0	14 2	0 48	15 53	1 49	9 12	0 49	21 48	1 16	5 56	15 48	2 41	2 59	9 13	11 28	0 33
T 9	4 13	18 22	5 11	2 14	0 47	18 23	0 46	22 48	1 1	14 6	0 47	15 54	1 49	9 13	0 49	21 48	1 16	5 55	15 47	2 41	2 58	9 11	11 27	0 33
W10	3 50	18 4	5 16	1 28	0 41	18 11	0 41	22 43	1 2	14 9	0 47	15 55	1 49	9 14	0 49	21 48	1 16	5 54	15 47	2 41	2 56	9 10	11 26	0 33
T 11	3 27	16 57	5 7	0 42	0 34	17 59	0 36	22 38	1 2	14 13	0 47	15 57	1 49	9 15	0 49	21 48	1 16	5 53	15 47	2 40	2 55	9 8	11 25	0 33
F 12	3 3	15 7	4 45	0s 4	0 28	17 47	0 31	22 32	1 3	14 17	0 47	15 58	1 48	9 16	0 49	21 48	1 16	5 52	15 46	2 39	2 54	9 6	11 25	0 33
S 13	2 40	12 38	4 10	0 49	0 21	17 33	0 27	22 27	1 4	14 20	0 47	16 0	1 48	9 17	0 49	21 48	1 16	5 51	15 46	2 38	2 53	9 5	11 24	0 33
S 14	2 16	9 39	3 26	1 34	0 14	17 20	0 22	22 21	1 5	14 24	0 47	16 1	1 48	9 18	0 49	21 48	1 16	5 50	15 46	2 38	2 51	9 3	11 23	0 33
M15	1 52	6 17	2 32	2 19	0 8	17 5	0 18	22 16	1 6	14 27	0 46	16 3	1 48	9 18	0 48	21 48	1 16	5 48	15 46	2 37	2 50	9 1	11 22	0 33
T 16	1 29	2 38	1 31	3 3	0 1	16 51	0 13	22 10	1 7	14 31	0 46	16 4	1 48	9 19	0 48	21 48	1 16	5 47	15 45	2 37	2 49	9 0	11 21	0 33
W17	1 5	1s 8	0 26	3 47	0s 6	16 35	0 9	22 4	1 8	14 35	0 46	16 6	1 47	9 20	0 48	21 48	1 16	5 46	15 45	2 36	2 48	8 58	11 20	0 33
T 18	0 41	4 54	0n41	4 31	0 13	16 19	0 4	21 58	1 9	14 39	0 46	16 8	1 47	9 21	0 48	21 47	1 16	5 45	15 45	2 36	2 46	8 56	11 19	0 33
F 19	0 17	8 30	1 47	5 14	0 20	16 3	0n 0	21 52	1 9	14 42	0 46	16 9	1 47	9 22	0 48	21 47	1 16	5 44	15 45	2 37	2 45	8 55	11 18	0 33
S 20	0s 6	11 47	2 49	5 57	0 27	15 46	0 4	21 46	1 10	14 46	0 46	16 11	1 47	9 22	0 48	21 47	1 16	5 43	15 44	2 37	2 44	8 53	11 17	0 33
S 21	0 30	14 35	3 44	6 39	0 34	15 29	0 8	21 40	1 11	14 50	0 45	16 12	1 47	9 23	0 48	21 47	1 16	5 42	15 44	2 37	2 43	8 51	11 16	0 33
M22	0 54	16 42	4 28	7 21	0 41	15 12	0 13	21 33	1 12	14 53	0 45	16 14	1 47	9 24	0 48	21 47	1 16	5 41	15 44	2 37	2 41	8 50	11 15	0 32
T 23	1 18	18 0	5 0	8 3	0 48	14 53	0 17	21 27	1 13	14 57	0 45	16 16	1 46	9 25	0 48	21 47	1 16	5 40	15 44	2 37	2 40	8 48	11 14	0 32
W24	1 42	18 20	5 16	8 43	0 55	14 35	0 21	21 20	1 14	15 1	0 45	16 17	1 46	9 26	0 48	21 47	1 16	5 39	15 43	2 37	2 39	8 46	11 13	0 32
T 25	2 6	17 35	5 15	9 24	1 2	14 16	0 24	21 13	1 15	15 5	0 45	16 19	1 46	9 26	0 48	21 47	1 16	5 38	15 43	2 37	2 37	8 45	11 12	0 32
F 26	2 29	15 45	4 55	10 3	1 9	13 56	0 28	21 7	1 16	15 8	0 45	16 20	1 46	9 27	0 48	21 47	1 16	5 37	15 43	2 37	2 36	8 43	11 11	0 32
S 27	2 53	12 54	4 16	10 42	1 15	13 36	0 32	21 0	1 17	15 12	0 44	16 22	1 46	9 28	0 48	21 47	1 16	5 36	15 43	2 37	2 35	8 41	11 10	0 32
S 28	3 17	9 11	3 19	11 21	1 22	13 16	0 36	20 53	1 18	15 16	0 44	16 24	1 46	9 29	0 48	21 47	1 16	5 35	15 43	2 37	2 34	8 40	11 9	0 32
M29	3 40	4 51	2 9	11 58	1 28	12 55	0 39	20 46	1 19	15 20	0 44	16 25	1 45	9 29	0 48	21 47	1 16	5 34	15 43	2 38	2 32	8 38	11 8	0 32
T 30	4s 4	0s11	0n49	12s35	1s35	12n34	0n43	20n39	1n19	15s24	0n44	16s27	1n45	9s30	0s48	21n47	1s16	5n33	15n42	2s38	2s31	8n36	11n 7	0n32

Julian Day Number = 1994873.5, Delta T = 53m27s
Ecliptic obliquity = 23°35'54, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°19'22, Lahiri = 6°26'23 Julian Calendar 1 Sept. 749 == Greg. Calendar 5 Sept. 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

OCTOBER 749 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 52 13	11♎12'23	12♈30	0♏12	0♍10	4♌40	14♏ 2	21♏10	7°R37	17°R58	23♎ 9	6°R35	6♎15	0♍25	27°R21	W 1
T 2	0 56 10	12°12'14	27° 7	1°36	1°20	5°13	14°14	21°16	7♓35	17♊58	23°12	6♎34	6°12	0°31	27♈18	T 2
F 3	1 0 7	13°12'07	11♉25	3° 0	2°31	5°46	14°27	21°22	7°34	17°57	23°14	6°34	6° 9	0°38	27°15	F 3
S 4	1 4 3	14°12'03	25°19	4°22	3°41	6°20	14°39	21°28	7°32	17°56	23°17	6°33	6° 5	0°45	27°12	S 4
S 5	1 8 0	15°12'00	8♊48	5°44	4°52	6°53	14°52	21°34	7°30	17°56	23°19	6°32	6° 2	0°51	27° 9	S 5
M 6	1 11 56	16°12'00	21°52	7° 5	6° 3	7°26	15° 4	21°41	7°28	17°55	23°22	6°31	5°59	0°58	27° 6	M 6
T 7	1 15 53	17°12'02	4♋33	8°24	7°14	7°59	15°17	21°47	7°27	17°55	23°24	6°30	5°56	1° 5	27° 3	T 7
W 8	1 19 49	18°12'06	16°54	9°43	8°25	8°32	15°30	21°53	7°25	17°54	23°26	6°D30	5°53	1°11	27° 0	W 8
T 9	1 23 46	19°12'12	29° 0	11° 0	9°36	9° 4	15°42	21°59	7°23	17°53	23°29	6°30	5°50	1°18	26°57	T 9
F 10	1 27 42	20°12'21	10♌56	12°16	10°48	9°37	15°55	22° 6	7°22	17°53	23°31	6°31	5°46	1°25	26°54	F 10
S 11	1 31 39	21°12'31	22°46	13°30	11°59	10° 9	16° 8	22°12	7°20	17°52	23°34	6°32	5°43	1°31	26°51	S 11
S 12	1 35 36	22°12'44	4♍35	14°43	13°11	10°41	16°21	22°18	7°19	17°51	23°36	6°33	5°40	1°38	26°48	S 12
M13	1 39 32	23°12'58	16°26	15°53	14°22	11°14	16°34	22°25	7°17	17°50	23°39	6°35	5°37	1°45	26°45	M13
T 14	1 43 29	24°13'15	28°24	17° 2	15°34	11°46	16°46	22°31	7°16	17°49	23°41	6°36	5°34	1°51	26°42	T 14
W15	1 47 25	25°13'34	10♎31	18° 9	16°46	12°18	16°59	22°38	7°14	17°49	23°43	6°R36	5°30	1°58	26°39	W15
T 16	1 51 22	26°13'54	22°49	19°12	17°58	12°49	17°12	22°44	7°13	17°48	23°46	6°35	5°27	2° 5	26°36	T 16
F 17	1 55 18	27°14'16	5♏20	20°13	19°10	13°21	17°26	22°51	7°12	17°47	23°48	6°33	5°24	2°11	26°33	F 17
S 18	1 59 15	28°14'40	18° 4	21°11	20°22	13°52	17°39	22°57	7°10	17°46	23°51	6°30	5°21	2°18	26°30	S 18
S 19	2 3 11	29°15'06	1♐ 2	22° 5	21°35	14°24	17°52	23° 4	7° 9	17°45	23°53	6°27	5°18	2°25	26°27	S 19
M20	2 7 8	0♏15'34	14°13	22°55	22°47	14°55	18° 5	23°11	7° 8	17°44	23°56	6°23	5°15	2°31	26°24	M20
T 21	2 11 5	1°16'02	27°37	23°41	24° 0	15°26	18°18	23°17	7° 7	17°43	23°58	6°20	5°11	2°38	26°21	T 21
W22	2 15 1	2°16'33	11♑14	24°21	25°12	15°56	18°31	23°24	7° 6	17°42	24° 0	6°17	5° 8	2°45	26°18	W22
T 23	2 18 58	3°17'04	25° 3	24°55	26°25	16°27	18°45	23°31	7° 5	17°41	24° 3	6°16	5° 5	2°51	26°15	T 23
F 24	2 22 54	4°17'37	9♒ 4	25°23	27°38	16°58	18°58	23°38	7° 4	17°39	24° 5	6°D15	5° 2	2°58	26°12	F 24
S 25	2 26 51	5°18'12	23°15	25°44	28°50	17°28	19°11	23°44	7° 3	17°38	24° 8	6°16	4°59	3° 5	26° 9	S 25
S 26	2 30 47	6°18'47	7♓35	25°57	0♎ 3	17°58	19°24	23°51	7° 2	17°37	24°10	6°18	4°56	3°11	26° 6	S 26
M27	2 34 44	7°19'24	22° 1	26°R 2	1°16	18°28	19°38	23°58	7° 1	17°36	24°12	6°19	4°52	3°18	26° 3	M27
T 28	2 38 40	8°20'02	6♈29	25°57	2°29	18°58	19°51	24° 5	7° 0	17°35	24°15	6°R20	4°49	3°25	26° 0	T 28
W29	2 42 37	9°20'41	20°56	25°42	3°43	19°27	20° 5	24°12	7° 0	17°33	24°17	6°19	4°46	3°31	25°57	W29
T 30	2 46 33	10°21'22	5♉15	25°16	4°56	19°57	20°18	24°19	6°59	17°32	24°20	6°16	4°43	3°38	25°54	T 30
F 31	2 50 30	11♏22'04	19♉21	24♏40	6♎ 9	20♌26	20♏31	24♏26	6♓58	17♊31	24♎22	6♎12	4♎40	3♍45	25♈51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	4s28	4n28	0s33	13s12	1s41	12n12	0n46	20n32	1n20	15s27	0n44	16s29	1n45	9s31	0s48	21n47	1s17	5n32	15n42	2s38	2s30	8n35	11n 5	0n32	
T 2	4 51	8 47	1 52	13 47	1 47	11 51	0 50	20 24	1 21	15 31	0 44	16 31	1 45	9 31	0 48	21 47	1 17	5 31	15 42	2 38	2 29	8 33	11 4	0 32	
F 3	5 15	12 28	3 2	14 22	1 53	11 28	0 53	20 17	1 22	15 35	0 44	16 32	1 45	9 32	0 48	21 47	1 17	5 30	15 42	2 37	2 27	8 31	11 3	0 32	
S 4	5 38	15 21	3 59	14 55	1 59	11 5	0 56	20 9	1 23	15 39	0 44	16 34	1 45	9 33	0 48	21 47	1 17	5 29	15 42	2 37	2 26	8 30	11 2	0 32	
S 5	6 2	17 17	4 41	15 28	2 4	10 42	0 59	20 2	1 24	15 43	0 43	16 36	1 45	9 33	0 48	21 46	1 17	5 28	15 42	2 37	2 25	8 28	11 1	0 32	
M 6	6 25	18 14	5 7	16 0	2 10	10 19	1 2	19 54	1 25	15 47	0 43	16 37	1 44	9 34	0 48	21 46	1 17	5 27	15 42	2 36	2 24	8 26	11 0	0 31	
T 7	6 48	18 14	5 17	16 31	2 15	9 55	1 5	19 47	1 26	15 50	0 43	16 39	1 44	9 35	0 48	21 46	1 17	5 26	15 42	2 36	2 22	8 25	10 59	0 31	
W 8	7 11	17 22	5 12	17 1	2 20	9 31	1 8	19 39	1 27	15 54	0 43	16 41	1 44	9 35	0 48	21 46	1 17	5 25	15 41	2 36	2 21	8 23	10 58	0 31	
T 9	7 34	15 43	4 53	17 30	2 24	9 7	1 11	19 31	1 28	15 58	0 43	16 43	1 44	9 36	0 48	21 46	1 17	5 25	15 41	2 36	2 20	8 21	10 56	0 31	
F 10	7 57	13 24	4 22	17 58	2 28	8 42	1 13	19 24	1 29	16 2	0 43	16 44	1 44	9 36	0 48	21 46	1 17	5 24	15 41	2 36	2 18	8 20	10 55	0 31	
S 11	8 20	10 33	3 40	18 25	2 32	8 17	1 16	19 16	1 30	16 6	0 43	16 46	1 44	9 37	0 48	21 46	1 17	5 23	15 41	2 37	2 17	8 18	10 54	0 31	
S 12	8 42	7 17	2 48	18 50	2 36	7 52	1 19	19 8	1 31	16 9	0 42	16 48	1 44	9 37	0 48	21 46	1 17	5 22	15 41	2 37	2 16	8 16	10 53	0 31	
M13	9 5	3 43	1 49	19 14	2 39	7 26	1 21	19 0	1 32	16 13	0 42	16 50	1 43	9 38	0 48	21 46	1 17	5 21	15 41	2 38	2 15	8 15	10 52	0 31	
T 14	9 27	0s 3	0 45	19 37	2 41	7 0	1 23	18 52	1 33	16 17	0 42	16 51	1 43	9 38	0 48	21 46	1 17	5 20	15 41	2 38	2 13	8 13	10 51	0 31	
W15	9 49	3 51	0n22	19 58	2 43	6 34	1 26	18 44	1 34	16 21	0 42	16 53	1 43	9 39	0 48	21 46	1 17	5 19	15 41	2 38	2 12	8 11	10 49	0 31	
T 16	10 12	7 34	1 28	20 17	2 45	6 8	1 28	18 36	1 35	16 25	0 42	16 55	1 43	9 39	0 48	21 45	1 17	5 18	15 41	2 38	2 11	8 9	10 48	0 31	
F 17	10 33	11 0	2 32	20 35	2 46	5 41	1 30	18 28	1 36	16 29	0 42	16 57	1 43	9 40	0 48	21 45	1 17	5 17	15 41	2 37	2 10	8 8	10 47	0 31	
S 18	10 55	13 59	3 29	20 51	2 46	5 14	1 32	18 20	1 37	16 32	0 42	16 59	1 43	9 40	0 48	21 45	1 17	5 16	15 41	2 36	2 8	8 6	10 46	0 30	
S 19	11 17	16 19	4 17	21 5	2 46	4 48	1 34	18 11	1 38	16 36	0 42	17 0	1 43	9 41	0 48	21 45	1 17	5 16	15 41	2 35	2 7	8 4	10 45	0 30	
M20	11 38	17 50	4 51	21 17	2 45	4 20	1 35	18 3	1 39	16 40	0 42	17 2	1 43	9 41	0 48	21 45	1 17	5 15	15 41	2 33	2 6	8 3	10 43	0 30	
T 21	12 0	18 24	5 11	21 26	2 43	3 53	1 37	17 55	1 40	16 44	0 41	17 4	1 43	9 41	0 48	21 45	1 17	5 14	15 41	2 32	2 5	8 1	10 42	0 30	
W22	12 21	17 55	5 13	21 33	2 39	3 26	1 39	17 47	1 42	16 47	0 41	17 6	1 42	9 42	0 48	21 45	1 17	5 13	15 41	2 31	2 3	7 59	10 41	0 30	
T 23	12 41	16 23	4 58	21 38	2 35	2 58	1 40	17 38	1 43	16 51	0 41	17 7	1 42	9 42	0 48	21 45	1 17	5 12	15 41	2 30	2 2	7 58	10 40	0 30	
F 24	13 2	13 52	4 24	21 40	2 30	2 30	1 42	17 30	1 44	16 55	0 41	17 9	1 42	9 43	0 47	21 44	1 17	5 11	15 41	2 30	2 1	7 56	10 39	0 30	
S 25	13 23	10 29	3 35	21 39	2 24	2 2	1 43	17 22	1 45	16 59	0 41	17 11	1 42	9 43	0 47	21 44	1 17	5 11	15 41	2 30	1 59	7 54	10 38	0 30	
S 26	13 43	6 27	2 31	21 34	2 16	1 34	1 44	17 14	1 46	17 2	0 41	17 13	1 42	9 43	0 47	21 44	1 17	5 10	15 41	2 31	1 58	7 52	10 36	0 30	
M27	14 3	2 0	1 18	21 26	2 7	1 6	1 45	17 5	1 47	17 6	0 41	17 15	1 42	9 43	0 47	21 44	1 17	5 9	15 41	2 32	1 57	7 51	10 35	0 30	
T 28	14 23	2n35	0s 1	21 15	1 56	0 38	1 46	16 57	1 48	17 10	0 41	17 16	1 42	9 44	0 47	21 44	1 17	5 8	15 42	2 32	1 56	7 49	10 34	0 30	
W29	14 42	7 0	1 19	20 59	1 43	0 9	1 47	16 49	1 49	17 14	0 41	17 18	1 42	9 44	0 47	21 44	1 17	5 8	15 42	2 31	1 54	7 47	10 33	0 30	
T 30	15 1	10 59	2 31	20 39	1 29	0s19	1 48	16 40	1 50	17 17	0 41	17 20	1 42	9 44	0 47	21 44	1 17	5 7	15 42	2 30	1 53	7 46	10 32	0 29	
F 31	15s20	14n16	3s33	20s15	1s14	0s48	1n49	16n32	1n52	17s21	0n40	17s22	1n42	9s44	0s47	21n44	1s17	5n 6	15n42	2s29	1s52	7n44	10n31	0n29	

Julian Day Number = 1994903.5, Delta T = 53m26s
Ecliptic obliquity = 23°35'54, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°19'26, Lahiri = 6°26'27 Julian Calendar 1 Oct. 749 == Greg. Calendar 5 Oct. 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

NOVEMBER 749 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 54 27	12♏22'47	3♊ 9	23°R53	7♎22	20♌55	20♏45	24♏33	6°R58	17°R30	24♎24	6°R 6	4♎36	3♍51	25°R48	S 1
S 2	2 58 23	13°23'32	16°37	22♏56	8°36	21°24	20°58	24°40	6♓57	17♊28	24°27	6♎ 0	4°33	3°58	25♈46	S 2
M 3	3 2 20	14°24'19	29°42	21°51	9°49	21°53	21°12	24°46	6°57	17°27	24°29	5°54	4°30	4° 5	25°43	M 3
T 4	3 6 16	15°25'07	12♋26	20°37	11° 3	22°22	21°25	24°53	6°56	17°26	24°31	5°48	4°27	4°11	25°40	T 4
W 5	3 10 13	16°25'57	24°50	19°18	12°16	22°50	21°39	25° 0	6°56	17°24	24°34	5°44	4°24	4°18	25°37	W 5
T 6	3 14 9	17°26'48	6♌58	17°56	13°30	23°18	21°52	25° 7	6°55	17°23	24°36	5°41	4°21	4°25	25°34	T 6
F 7	3 18 6	18°27'41	18°54	16°34	14°44	23°46	22° 6	25°14	6°55	17°21	24°38	5°D41	4°17	4°31	25°32	F 7
S 8	3 22 3	19°28'35	0♍44	15°14	15°58	24°14	22°19	25°21	6°55	17°20	24°40	5°41	4°14	4°38	25°29	S 8
S 9	3 25 59	20°29'30	12°33	13°59	17°12	24°41	22°33	25°29	6°54	17°18	24°43	5°43	4°11	4°45	25°26	S 9
M10	3 29 56	21°30'27	24°26	12°52	18°25	25° 8	22°46	25°36	6°54	17°17	24°45	5°44	4° 8	4°51	25°24	M10
T 11	3 33 52	22°31'25	6♎27	11°54	19°39	25°35	23° 0	25°43	6°54	17°15	24°47	5°R45	4° 5	4°58	25°21	T 11
W12	3 37 49	23°32'25	18°41	11° 6	20°53	26° 2	23°14	25°50	6°54	17°14	24°49	5°44	4° 2	5° 5	25°18	W12
T 13	3 41 45	24°33'25	1♏11	10°30	22° 7	26°29	23°27	25°57	6°D54	17°12	24°52	5°41	3°58	5°11	25°16	T 13
F 14	3 45 42	25°34'27	13°59	10° 5	23°22	26°55	23°41	26° 4	6°54	17°11	24°54	5°35	3°55	5°18	25°13	F 14
S 15	3 49 38	26°35'30	27° 5	9°51	24°36	27°21	23°54	26°11	6°54	17° 9	24°56	5°28	3°52	5°25	25°11	S 15
S 16	3 53 35	27°36'34	10♐28	9°D49	25°50	27°47	24° 8	26°18	6°54	17° 8	24°58	5°18	3°49	5°31	25° 8	S 16
M17	3 57 31	28°37'39	24° 6	9°56	27° 4	28°12	24°21	26°25	6°55	17° 6	25° 0	5° 9	3°46	5°38	25° 6	M17
T 18	4 1 28	29°38'44	7♑55	10°13	28°18	28°38	24°35	26°32	6°55	17° 4	25° 2	5° 0	3°42	5°45	25° 3	T 18
W19	4 5 25	0♐39'50	21°53	10°38	29°33	29° 3	24°48	26°39	6°55	17° 3	25° 4	4°52	3°39	5°51	25° 1	W19
T 20	4 9 21	1°40'57	5♒56	11°11	0♏47	29°27	25° 2	26°46	6°56	17° 1	25° 6	4°47	3°36	5°58	24°59	T 20
F 21	4 13 18	2°42'04	20° 1	11°51	2° 1	29°52	25°16	26°53	6°56	17° 0	25° 9	4°44	3°33	6° 5	24°57	F 21
S 22	4 17 14	3°43'11	4♓ 7	12°37	3°16	0♍16	25°29	27° 0	6°56	16°58	25°11	4°D43	3°30	6°11	24°54	S 22
S 23	4 21 11	4°44'18	18°13	13°28	4°30	0°40	25°43	27° 7	6°57	16°56	25°13	4°44	3°27	6°18	24°52	S 23
M24	4 25 7	5°45'26	2♈18	14°25	5°45	1° 3	25°56	27°14	6°58	16°55	25°15	4°R44	3°23	6°25	24°50	M24
T 25	4 29 4	6°46'35	16°20	15°25	6°59	1°27	26° 9	27°21	6°58	16°53	25°17	4°44	3°20	6°31	24°48	T 25
W26	4 33 1	7°47'43	0♉18	16°29	8°14	1°50	26°23	27°28	6°59	16°51	25°18	4°41	3°17	6°38	24°46	W26
T 27	4 36 57	8°48'52	14°10	17°36	9°28	2°12	26°36	27°35	7° 0	16°50	25°20	4°36	3°14	6°45	24°44	T 27
F 28	4 40 54	9°50'02	27°52	18°46	10°43	2°35	26°50	27°42	7° 0	16°48	25°22	4°27	3°11	6°51	24°42	F 28
S 29	4 44 50	10°51'11	11♊22	19°59	11°57	2°57	27° 3	27°49	7° 1	16°46	25°24	4°17	3° 8	6°58	24°40	S 29
S 30	4 48 47	11♐52'22	24♊37	21♏14	13♏12	3♍18	27♏17	27♏56	7♓ 2	16♊45	25♎26	4♎ 5	3♎ 4	7♍ 5	24♈38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s39	16n39	4s21	19s47	0s57	1s16	1n49	16n24	1n53	17s25	0n40	17s23	1n42	9s45	0s47	21n43	1s17	5n 5	15n42	2s26	1s51	7n42	10n29	0n29
S 2	15 58	18 3	4 53	19 15	0 38	1 45	1 50	16 15	1 54	17 28	0 40	17 25	1 41	9 45	0 47	21 43	1 17	5 5	15 42	2 24	1 49	7 41	10 28	0 29
M 3	16 16	18 27	5 9	18 39	0 19	2 13	1 51	16 7	1 55	17 32	0 40	17 27	1 41	9 45	0 47	21 43	1 17	5 4	15 42	2 21	1 48	7 39	10 27	0 29
T 4	16 34	17 53	5 9	18 0	0n 2	2 42	1 51	15 59	1 56	17 36	0 40	17 29	1 41	9 45	0 47	21 43	1 17	5 3	15 42	2 19	1 47	7 37	10 26	0 29
W 5	16 52	16 29	4 54	17 19	0 22	3 11	1 51	15 51	1 57	17 39	0 40	17 30	1 41	9 45	0 47	21 43	1 17	5 3	15 43	2 17	1 46	7 35	10 25	0 29
T 6	17 9	14 22	4 26	16 36	0 43	3 39	1 51	15 42	1 59	17 43	0 40	17 32	1 41	9 45	0 47	21 43	1 17	5 2	15 43	2 16	1 44	7 34	10 24	0 29
F 7	17 26	11 40	3 47	15 54	1 2	4 8	1 52	15 34	2 0	17 46	0 40	17 34	1 41	9 45	0 47	21 43	1 17	5 1	15 43	2 16	1 43	7 32	10 23	0 29
S 8	17 43	8 30	2 58	15 13	1 21	4 36	1 52	15 26	2 1	17 50	0 40	17 36	1 41	9 45	0 47	21 42	1 17	5 1	15 43	2 16	1 42	7 30	10 22	0 29
S 9	17 59	5 1	2 2	14 35	1 38	5 5	1 52	15 18	2 2	17 53	0 40	17 37	1 41	9 45	0 47	21 42	1 17	5 0	15 43	2 17	1 40	7 29	10 21	0 28
M10	18 16	1 18	1 1	14 0	1 54	5 33	1 52	15 10	2 4	17 57	0 40	17 39	1 41	9 46	0 47	21 42	1 17	5 0	15 43	2 18	1 39	7 27	10 19	0 28
T 11	18 31	2s31	0n 4	13 30	2 7	6 1	1 51	15 2	2 5	18 1	0 40	17 41	1 41	9 46	0 47	21 42	1 17	4 59	15 44	2 18	1 38	7 25	10 18	0 28
W12	18 47	6 18	1 9	13 5	2 18	6 30	1 51	14 54	2 6	18 4	0 39	17 43	1 41	9 45	0 47	21 42	1 17	4 58	15 44	2 17	1 37	7 23	10 17	0 28
T 13	19 2	9 53	2 13	12 45	2 27	6 58	1 51	14 46	2 7	18 8	0 39	17 44	1 41	9 45	0 47	21 42	1 17	4 58	15 44	2 16	1 35	7 22	10 16	0 28
F 14	19 17	13 6	3 11	12 31	2 34	7 26	1 50	14 38	2 9	18 11	0 39	17 46	1 41	9 45	0 47	21 41	1 17	4 57	15 44	2 14	1 34	7 20	10 15	0 28
S 15	19 31	15 44	4 1	12 22	2 38	7 53	1 50	14 30	2 10	18 14	0 39	17 48	1 41	9 45	0 47	21 41	1 17	4 57	15 45	2 11	1 33	7 18	10 14	0 28
S 16	19 45	17 35	4 38	12 18	2 41	8 21	1 49	14 22	2 11	18 18	0 39	17 49	1 41	9 45	0 47	21 41	1 17	4 56	15 45	2 7	1 32	7 17	10 13	0 28
M17	19 59	18 28	5 0	12 19	2 43	8 49	1 48	14 15	2 13	18 21	0 39	17 51	1 41	9 45	0 47	21 41	1 17	4 56	15 45	2 3	1 30	7 15	10 12	0 28
T 18	20 13	18 17	5 5	12 24	2 43	9 16	1 48	14 7	2 14	18 25	0 39	17 53	1 41	9 45	0 47	21 41	1 17	4 55	15 45	2 0	1 29	7 13	10 11	0 28
W19	20 25	17 0	4 53	12 33	2 41	9 43	1 47	14 0	2 15	18 28	0 39	17 54	1 40	9 45	0 46	21 41	1 17	4 55	15 46	1 57	1 28	7 11	10 10	0 27
T 20	20 38	14 41	4 22	12 46	2 39	10 10	1 46	13 52	2 17	18 31	0 39	17 56	1 40	9 45	0 46	21 40	1 17	4 54	15 46	1 55	1 26	7 10	10 9	0 27
F 21	20 50	11 30	3 36	13 1	2 36	10 37	1 45	13 45	2 18	18 35	0 39	17 58	1 40	9 44	0 46	21 40	1 17	4 54	15 46	1 54	1 25	7 8	10 9	0 27
S 22	21 2	7 38	2 36	13 19	2 31	11 3	1 44	13 37	2 19	18 38	0 39	17 59	1 40	9 44	0 46	21 40	1 18	4 53	15 46	1 53	1 24	7 6	10 8	0 27
S 23	21 14	3 21	1 27	13 39	2 27	11 30	1 43	13 30	2 21	18 41	0 39	18 1	1 40	9 44	0 46	21 40	1 18	4 53	15 47	1 53	1 23	7 5	10 7	0 27
M24	21 25	1n 7	0 13	14 1	2 21	11 56	1 41	13 23	2 22	18 45	0 39	18 3	1 40	9 44	0 46	21 40	1 18	4 53	15 47	1 54	1 21	7 3	10 6	0 27
T 25	21 35	5 31	1s 2	14 25	2 15	12 22	1 40	13 16	2 24	18 48	0 39	18 4	1 40	9 44	0 46	21 40	1 18	4 52	15 47	1 54	1 20	7 1	10 5	0 27
W26	21 45	9 36	2 12	14 49	2 9	12 47	1 39	13 9	2 25	18 51	0 38	18 6	1 40	9 43	0 46	21 40	1 18	4 52	15 48	1 52	1 19	6 59	10 4	0 27
T 27	21 55	13 7	3 14	15 15	2 2	13 12	1 37	13 2	2 26	18 54	0 38	18 7	1 40	9 43	0 46	21 39	1 17	4 51	15 48	1 50	1 18	6 58	10 3	0 27
F 28	22 4	15 52	4 4	15 41	1 55	13 37	1 36	12 55	2 28	18 57	0 38	18 9	1 40	9 43	0 46	21 39	1 17	4 51	15 48	1 47	1 16	6 56	10 3	0 27
S 29	22 13	17 41	4 39	16 8	1 48	14 2	1 34	12 49	2 29	19 1	0 38	18 11	1 40	9 42	0 46	21 39	1 17	4 51	15 49	1 43	1 15	6 54	10 2	0 26
S 30	22s22	18n31	4s58	16s34	1n40	14s26	1n33	12n42	2n31	19s 4	0n38	18s12	1n40	9s42	0s46	21n39	1s17	4n50	15n49	1s38	1s14	6n52	10n 1	0n26

Julian Day Number = 1994934.5, Delta T = 53m26s
Ecliptic obliquity = 23°35'54, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°19'31, Lahiri = 6°26'31 Julian Calendar 1 Nov. 749 == Greg. Calendar 5 Nov. 749

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ASTRODIENST EPHEMERIS for the year 749
geocentric

DECEMBER 749 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 52 43	12♐53'32	7♋34	22♏30	14♏26	3♍40	27♏30	28♏ 3	7♓ 3	16°R43	25♎28	3°R52	3♎ 1	7♍11	24°R37	M 1
T 2	4 56 40	13°54'43	20°14	23°48	15°41	4° 1	27°43	28°10	7° 4	16♊41	25°30	3♎41	2°58	7°18	24♈35	T 2
W 3	5 0 36	14°55'55	2♌36	25° 8	16°56	4°21	27°56	28°16	7° 5	16°39	25°31	3°31	2°55	7°24	24°33	W 3
T 4	5 4 33	15°57'07	14°44	26°29	18°11	4°41	28°10	28°23	7° 6	16°38	25°33	3°24	2°52	7°31	24°32	T 4
F 5	5 8 30	16°58'19	26°40	27°51	19°25	5° 1	28°23	28°30	7° 7	16°36	25°35	3°20	2°48	7°38	24°30	F 5
S 6	5 12 26	17°59'32	8♍30	29°15	20°40	5°21	28°36	28°37	7° 8	16°34	25°37	3°18	2°45	7°44	24°28	S 6
S 7	5 16 23	19° 0'45	20°18	0♐39	21°55	5°40	28°49	28°44	7°10	16°33	25°38	3°D17	2°42	7°51	24°27	S 7
M 8	5 20 19	20° 1'58	2♎10	2° 4	23°10	5°58	29° 3	28°50	7°11	16°31	25°40	3°R18	2°39	7°58	24°26	M 8
T 9	5 24 16	21° 3'12	14°11	3°30	24°24	6°17	29°16	28°57	7°12	16°29	25°42	3°17	2°36	8° 4	24°24	T 9
W10	5 28 12	22° 4'26	26°28	4°56	25°39	6°35	29°29	29° 4	7°13	16°27	25°43	3°15	2°33	8°11	24°23	W10
T 11	5 32 9	23° 5'40	9♏ 3	6°23	26°54	6°52	29°42	29°11	7°15	16°26	25°45	3°10	2°29	8°18	24°22	T 11
F 12	5 36 5	24° 6'55	22° 1	7°51	28° 9	7° 9	29°55	29°17	7°16	16°24	25°46	3° 3	2°26	8°24	24°21	F 12
S 13	5 40 2	25° 8'09	5♐23	9°20	29°24	7°25	0♐ 8	29°24	7°18	16°22	25°48	2°53	2°23	8°31	24°19	S 13
S 14	5 43 59	26° 9'24	19° 7	10°48	0♐39	7°41	0°21	29°30	7°19	16°21	25°49	2°41	2°20	8°38	24°18	S 14
M15	5 47 55	27°10'38	3♑10	12°18	1°53	7°57	0°34	29°37	7°21	16°19	25°51	2°28	2°17	8°44	24°17	M15
T 16	5 51 52	28°11'53	17°28	13°48	3° 8	8°12	0°46	29°43	7°23	16°17	25°52	2°15	2°14	8°51	24°16	T 16
W17	5 55 48	29°13'06	1♒55	15°18	4°23	8°27	0°59	29°50	7°24	16°16	25°53	2° 5	2°10	8°58	24°16	W17
T 18	5 59 45	0♑14'20	16°22	16°49	5°38	8°41	1°12	29°56	7°26	16°14	25°55	1°57	2° 7	9° 4	24°15	T 18
F 19	6 3 41	1°15'32	0♓47	18°20	6°53	8°54	1°25	0♐ 3	7°28	16°12	25°56	1°52	2° 4	9°11	24°14	F 19
S 20	6 7 38	2°16'44	15° 3	19°52	8° 8	9° 7	1°37	0° 9	7°30	16°11	25°57	1°50	2° 1	9°18	24°13	S 20
S 21	6 11 34	3°17'55	29°10	21°24	9°23	9°20	1°50	0°15	7°32	16° 9	25°59	1°50	1°58	9°24	24°13	S 21
M22	6 15 31	4°19'06	13♈ 7	22°57	10°38	9°32	2° 2	0°22	7°34	16° 8	26° 0	1°49	1°54	9°31	24°12	M22
T 23	6 19 28	5°20'15	26°53	24°30	11°53	9°43	2°15	0°28	7°36	16° 6	26° 1	1°48	1°51	9°38	24°12	T 23
W24	6 23 24	6°21'24	10♉30	26° 4	13° 8	9°54	2°27	0°34	7°38	16° 4	26° 2	1°45	1°48	9°44	24°11	W24
T 25	6 27 21	7°22'32	23°57	27°38	14°23	10° 5	2°40	0°40	7°40	16° 3	26° 3	1°39	1°45	9°51	24°11	T 25
F 26	6 31 17	8°23'40	7♊14	29°13	15°38	10°14	2°52	0°46	7°42	16° 1	26° 4	1°29	1°42	9°58	24°10	F 26
S 27	6 35 14	9°24'46	20°20	0♑48	16°52	10°23	3° 4	0°52	7°44	16° 0	26° 5	1°17	1°39	10° 4	24°10	S 27
S 28	6 39 10	10°25'52	3♋14	2°24	18° 7	10°32	3°16	0°58	7°46	15°58	26° 6	1° 4	1°35	10°11	24°10	S 28
M29	6 43 7	11°26'57	15°55	4° 0	19°22	10°40	3°28	1° 4	7°48	15°57	26° 7	0°50	1°32	10°18	24°10	M29
T 30	6 47 3	12°28'01	28°23	5°37	20°37	10°47	3°41	1°10	7°50	15°55	26° 8	0°37	1°29	10°24	24°10	T 30
W31	6 51 0	13♑29'04	10♌38	7♑14	21♐52	10♍54	3♐52	1♐16	7♓53	15♊54	26♎ 9	0♎26	1♎26	10♍31	24°D10	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s30	18n22	5s 2	17s 2	1n33	14s50	1n31	12n36	2n32	19s 7	0n38	18s14	1n40	9s42	0s46	21n39	1s17	4n50	15n49	1s33	1s12	6n51	10n 0	0n26
T 2	22 37	17 17	4 50	17 29	1 25	15 13	1 29	12 29	2 34	19 10	0 38	18 15	1 40	9 41	0 46	21 39	1 17	4 50	15 50	1 28	1 11	6 49	9 59	0 26
W 3	22 44	15 25	4 25	17 56	1 17	15 36	1 28	12 23	2 35	19 13	0 38	18 17	1 40	9 41	0 46	21 38	1 17	4 49	15 50	1 24	1 10	6 47	9 59	0 26
T 4	22 51	12 53	3 48	18 22	1 9	15 59	1 26	12 17	2 37	19 16	0 38	18 18	1 40	9 40	0 46	21 38	1 17	4 49	15 50	1 22	1 9	6 45	9 58	0 26
F 5	22 57	9 52	3 2	18 49	1 2	16 21	1 24	12 11	2 39	19 19	0 38	18 20	1 40	9 40	0 46	21 38	1 17	4 49	15 51	1 20	1 7	6 44	9 57	0 26
S 6	23 3	6 28	2 8	19 15	0 54	16 43	1 22	12 5	2 40	19 22	0 38	18 21	1 40	9 39	0 46	21 38	1 17	4 49	15 51	1 19	1 6	6 42	9 57	0 26
S 7	23 8	2 49	1 9	19 40	0 46	17 5	1 20	12 0	2 42	19 25	0 38	18 23	1 40	9 39	0 46	21 38	1 17	4 48	15 52	1 19	1 5	6 40	9 56	0 26
M 8	23 13	0s58	0 6	20 5	0 38	17 26	1 18	11 54	2 43	19 28	0 38	18 24	1 40	9 38	0 46	21 38	1 17	4 48	15 52	1 19	1 4	6 38	9 55	0 26
T 9	23 18	4 45	0n58	20 30	0 30	17 46	1 16	11 49	2 45	19 31	0 38	18 26	1 40	9 38	0 46	21 37	1 17	4 48	15 52	1 19	1 2	6 37	9 55	0 25
W10	23 22	8 25	2 0	20 53	0 23	18 6	1 14	11 44	2 46	19 34	0 38	18 27	1 40	9 37	0 46	21 37	1 17	4 48	15 53	1 18	1 1	6 35	9 54	0 25
T 11	23 25	11 48	2 57	21 16	0 15	18 26	1 12	11 39	2 48	19 36	0 38	18 29	1 40	9 37	0 46	21 37	1 17	4 48	15 53	1 16	1 0	6 33	9 54	0 25
F 12	23 28	14 44	3 48	21 38	0 8	18 45	1 10	11 34	2 50	19 39	0 38	18 30	1 40	9 36	0 46	21 37	1 17	4 48	15 54	1 13	0 59	6 32	9 53	0 25
S 13	23 30	16 58	4 27	21 59	0 0	19 4	1 7	11 29	2 51	19 42	0 38	18 31	1 40	9 35	0 46	21 37	1 17	4 47	15 54	1 9	0 57	6 30	9 53	0 25
S 14	23 32	18 18	4 52	22 20	0s 7	19 22	1 5	11 25	2 53	19 45	0 38	18 33	1 40	9 35	0 45	21 37	1 17	4 47	15 54	1 4	0 56	6 28	9 52	0 25
M15	23 34	18 33	5 0	22 39	0 14	19 39	1 3	11 20	2 55	19 48	0 37	18 34	1 40	9 34	0 45	21 36	1 17	4 47	15 55	0 59	0 55	6 26	9 52	0 25
T 16	23 35	17 39	4 50	22 57	0 21	19 56	1 0	11 16	2 56	19 50	0 37	18 36	1 40	9 34	0 45	21 36	1 17	4 47	15 55	0 54	0 53	6 25	9 51	0 25
W17	23 36	15 37	4 21	23 14	0 28	20 13	0 58	11 12	2 58	19 53	0 37	18 37	1 40	9 33	0 45	21 36	1 17	4 47	15 56	0 50	0 52	6 23	9 51	0 25
T 18	23 36	12 36	3 36	23 31	0 34	20 29	0 56	11 9	3 0	19 56	0 37	18 38	1 40	9 32	0 45	21 36	1 17	4 47	15 56	0 47	0 51	6 21	9 50	0 24
F 19	23 36	8 50	2 36	23 46	0 41	20 44	0 53	11 5	3 2	19 58	0 37	18 40	1 40	9 32	0 45	21 36	1 17	4 47	15 57	0 45	0 50	6 19	9 50	0 24
S 20	23 35	4 35	1 27	24 0	0 47	20 59	0 51	11 2	3 3	20 1	0 37	18 41	1 40	9 31	0 45	21 36	1 17	4 47	15 57	0 44	0 48	6 18	9 50	0 24
S 21	23 33	0 7	0 14	24 12	0 53	21 13	0 48	10 59	3 5	20 3	0 37	18 42	1 40	9 30	0 45	21 36	1 17	4 47	15 58	0 44	0 47	6 16	9 49	0 24
M22	23 32	4n18	0s59	24 24	0 59	21 26	0 46	10 56	3 7	20 6	0 37	18 43	1 40	9 29	0 45	21 35	1 17	4 47	15 58	0 44	0 46	6 14	9 49	0 24
T 23	23 29	8 26	2 8	24 34	1 5	21 39	0 43	10 53	3 9	20 8	0 37	18 45	1 40	9 29	0 45	21 35	1 17	4 47	15 59	0 43	0 45	6 12	9 49	0 24
W24	23 27	12 5	3 9	24 43	1 11	21 51	0 41	10 50	3 10	20 11	0 37	18 46	1 41	9 28	0 45	21 35	1 17	4 47	15 59	0 42	0 43	6 11	9 49	0 24
T 25	23 23	15 2	3 59	24 51	1 16	22 3	0 38	10 48	3 12	20 13	0 37	18 47	1 41	9 27	0 45	21 35	1 17	4 47	15 59	0 39	0 42	6 9	9 48	0 24
F 26	23 20	17 9	4 34	24 57	1 21	22 14	0 35	10 46	3 14	20 16	0 37	18 48	1 41	9 26	0 45	21 35	1 17	4 47	16 0	0 36	0 41	6 7	9 48	0 24
S 27	23 16	18 20	4 55	25 2	1 26	22 24	0 33	10 44	3 16	20 18	0 37	18 50	1 41	9 25	0 45	21 35	1 17	4 47	16 0	0 31	0 39	6 5	9 48	0 24
S 28	23 11	18 33	5 0	25 5	1 31	22 34	0 30	10 43	3 18	20 21	0 37	18 51	1 41	9 24	0 45	21 35	1 17	4 47	16 1	0 26	0 38	6 4	9 48	0 23
M29	23 6	17 50	4 50	25 7	1 35	22 43	0 28	10 41	3 20	20 23	0 37	18 52	1 41	9 24	0 45	21 34	1 17	4 47	16 1	0 20	0 37	6 2	9 48	0 23
T 30	23 1	16 16	4 26	25 8	1 39	22 51	0 25	10 40	3 21	20 25	0 37	18 53	1 41	9 23	0 45	21 34	1 17	4 48	16 2	0 15	0 36	6 0	9 47	0 23
W31	22s55	13n59	3s51	25s 7	1s43	22s58	0n22	10n39	3n23	20s28	0n37	18s54	1n41	9s22	0s45	21n34	1s17	4n48	16n 2	0s10	0s34	5n58	9n47	0n23

Julian Day Number = 1994964.5, Delta T = 53m25s
Ecliptic obliquity = 23°35'53, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 7°19'35, Lahiri = 6°26'35 Julian Calendar 1 Dec. 749 == Greg. Calendar 5 Dec. 749

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